NOTICE TO BIDDERS, SPECIFICATIONS, CONTRACT AND CONTRACT BOND

FOR
HIGHWAY IMPROVEMENT
County of Cook, Illinois

Toni Preckwinkle
Cook County Board President

John Yonan, P.E.
Superintendent
Cook County Department of Transportation and Highways

Shannon E. Andrews
Chief Procurement Officer

Letting: December 10, 2014

GROUP 1 – 2015

HINTZ ROAD
Elmhurst Road to Milwaukee Avenue and Hintz Road at Ecko Lake (West of Wheeling Road)

Section Numbers 14-A5416-03-RP and 14-A5416-04-BR
Route No.: A54 Township: Wheeling

COOK COUNTY PROCUREMENT CONTRACT NO.: 1428-14143

NOTICE TO PROSPECTIVE BIDDERS

Submit 1 Original and 1 Copy of Proposal

The Specifications can be downloaded at **http://legacy.purchasing/public/index.php** (follow online instructions to register, if you have not already). When the plans are not included in the bid document, you must download the Plans (Drawings) at **ftp://highwayftp.cookcountyil.gov** (user name: **highwaypublic**; password: **ftpt3stl**)

APPROVED BY BOARD OF COOK COUNTY COMMISSIONERS
FEB 10 2015

Pre-Bid Meeting: Tuesday, November 18, 2014
11 a.m.
Cook County Department of Transportation and Highways
69 W. Washington Street, Suite 2260
Chicago, Illinois 60602

All questions are due on **Friday, November 21, 2014** no later than 3:00 p.m. Chicago time

Send all questions via e-mails to: cho.ng@cookcountyil.gov

Bid Submitted by:

☑ Bid Bond is included ☐ A Cashier's Check or a Certified Check is Included

Name R. W. Dunteman Company Phone No. 630-953-1500

Address 600 S. Lombard Road

City Addison State IL Zip Code 60101

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COUNTY OF COOK

CHICAGO, ILLINOIS
NOTICE

TO CONTRACTORS FOR A COUNTY HIGHWAY IMPROVEMENT

Notice is hereby given that sealed bids for a County Highway Improvement in the County of Cook, Illinois, as described below, will be received at Room 1018, County Building, and 118 North Clark Street, Chicago, Illinois until **10:00 a.m.** and then publicly opened and read aloud

Improvement **GROUP 1 – 2015** Township: **Wheeling**

From: **Hintz Road – Elmhurst Road to Milwaukee Avenue and Hintz Road at Ecko Lake (West of Wheeling Road)**

Route **A54** Section: **14-A5416-03-RP & 14-A5416-04-BR**

Cook County Contract No.: **1428-14143**

LOCATION OF IMPROVEMENT

The proposed improvement is part of the public highway system in the County of Cook, State of Illinois, located by section and route before mentioned, and is indicated on the map showing the County Highway System on file in the office of the County Clerk and also in the office of the Illinois Department of Transportation, Division of Highways, Springfield, Illinois.

The improvement to Hintz Road begins at Station 10+33, a point approximately 33 feet east of the centerline of Elmhurst Road and extends in an easterly direction to Station 119+53, a point approximately 32 feet west of the centerline of Milwaukee Avenue, with an omissions between Sta.50+65 to Sta. 50+98 and Sta. 93+58 to Sta. 95+52, for a total distance of 10,920 feet (2.068 Miles) of which 10,693 feet (2.025 Miles) to be improved. The improvement is located within the Village of Wheeling.

DESCRIPTION OF IMPROVEMENT

This is a Quality Control/Quality Assurance project utilizing Hot-Mix Asphalt (HMA) mixtures. It is the intent of this improvement to provide diamond grinding of the existing P.C.C. Pavement along Hintz Road between Elmhurst Road and Milwaukee Avenue, and Pavement repair with P.C. Concrete pavement (10 in.) or Class B Patches (10 in.), type as required. The work also includes the removal and replacement of damaged P.C. Concrete Curb and Gutter, as required, Crack and joint Routing and Sealing, as required, Median removal and replacement, as required, Traffic protection, Drainage repairs and adjustments, as required and removal and replacement of Traffic Signal Detector loops and reflective pavement markers, as required. Also included is the removal of Hot-Mix Asphalt Surface to a depth of 2 in. and resurfacing with Hot-Mix Asphalt Surface Course, Mix "D", Il-9.5, N70 (2 in.), near Rail Road and various improvements along Hintz Road from Arlington Heights Road to Elmhurst Road.

COOK COUNTY DEPARTMENT OF TRANSPORTATION AND HIGHWAYS
SPECIAL PROVISION CHECK LIST

EFFECTIVE Sept. 2, 2014 v.2014.7

GROUP 1-2015

Hintz Road–Elmhurst Road to Milwaukee Avenue, Section: 14-A5416-03-RP and Hintz Road at Ecko Lake (West of Wheeling Road) Section: 14-A5416-04-BR

	No.	Description	Origin and Date Last Revised
	1	Definition of Terms, Information for Bidders	(CC) July 15, 2014
X	1a	MBE WBE Definition of Terms, Information for Bidders	(CC) July 15, 2014
X	2	Bidding Requirements and Conditions For Contract Proposals	(IL-CC) Jan. 15, 2013
X	3	* Pre-Bid Meeting	(CC) Jan. 15, 2013
X	4	* Wages of Employees on Public Works	(IL-CC) Dec. 26, 2013
	4a	Davis Bacon Act (Federal Aid)	(FWH) Apr. 2009
X	4b	Prevailing Wages for Cook County	Current Month
X	5	Alternate Proposal/Ordinance	(CC) Dec. 28, 2011
X	6	Responsible Bidder Requirement (Non-Federal Aid)	(IL-CC) Dec. 28, 2011
	7	Required Contract Provisions (Federal Aid Only)	(IL-CC) Nov 5, 2013
	7a	FHWA 1273 Required Contract Provisions Federal-Aid Construction Contracts	(FHWA) May 1, 2012
	8a	* Required Disadvantaged Business Participation (DBE)	(IL-CC) July 15, 2013
X	8b	*MBE/WBE Business Participation	(CC) May 5, 2014
X	9	Specific Equal Employment Opportunity Responsibilities (Non-Federal Aid)	(IL-CC) Jan. 15, 2013
X	10	Insurance Requirements	(CC) May 27, 2014
	10a	Township Insurance Requirements	(CC) June 4, 2014
X	11	* Railroad Protective Liability Insurance	(IL-CC) Dec. 26, 2013
X	12a	Indemnification for Cook County	(CC) Dec. 28, 2011
	12b	Indemnification (Locals)	(CC) Jan. 23, 2012
X	13	Joint Venture Forms	(CC) Jan. 15, 2013
X	14	Addendum Receipt	(CC) Dec. 28, 2009
	15	ARRA Provisions	(IL) Current
X	16	* Combination Bidding Process	(IL-CC) Jan. 15, 2013
X	17a	Prompt Pay Mechanisms (Non-Federal Aid)	(CC) Jan. 15, 2013
	17b	Prompt Pay Mechanisms (Federal Aid)	(FHWA) Current
	18-22	Not Used	
X	23	Contract Claims	(IL-CC) Jan. 15, 2013
X	24	Pre-Construction Conference	(CC) Mar. 18, 1980
X	25	Mobilization	(CC) Oct. 20, 2009
X	26	Contract Extra Work	(CC) Dec. 24, 2012
X	27	Construction Air Quality Diesel Vehicle Emissions Control (Green Construction Ordinance)	(CC) Jan. 15, 2013
X	28	Processing of Extra Work Payment Requests	(CC) Dec. 24, 2012

	No.	Description	Origin and Date Last Revised
	29	Construction Layout Stakes and Survey Control Points	(CC) Jan. 15, 2013
	30	* Municipal Coordination/Transfer of Jurisdiction and/or Maintenance	(CC) Jan. 15, 2013
X	31	Engineer's Field Office	(CC) Jan. 15, 2013
X	32	Construction Debris	(CC) July 1, 2006
	33	*Clean Construction and Demolition Debris	(CC) Jan. 15, 2013
	34-44	Not Used	
X	45	Portland Cement Concrete Pavement	(CC) July 1, 2012
X	46	Managing Concrete Waste	(CC) Jan. 1, 2009
	47	Class B Patches, Special	(CC) Jan. 1, 2008
	48	Class C Patches, Special	(CC) Jan. 1, 2008
	49	Pavement Removal and Replacement (10Inch)	(CC) Jan. 1, 2008
X	50	Dowel Bars	(CC) Jan. 1, 2008
	51	Structural Fiber Reinforced P.C. Concrete Bus Pad (4 Inch)	(CC) Jan. 1, 2008
	52	P.C.C. Bonded Overlay (4 Inch)	(CC) Jan. 1, 2007
X	53	Diamond Grinding Concrete Pavement	(CC) Jan. 15, 2013
	54	Saw Cutting Concrete Overlay	(CC) Jan. 1, 2007
X	55	Crack Routing and Sealing	(IL-CC) Jan. 1, 2008
	56	Hot-Mix Asphalt Surface Course, Rubber Modified	(CC) Jan. 1, 2008
	57	Rubberized Asphalt Material	(CC) Jan. 1, 2008
	58	Pavement Thickness Deficiency	(CC) Mar. 1, 2008
X	59	Survey Monuments	(CC) Jan. 15, 2013
X	60	Soils Information	(CC) Jan. 15, 2013
	61	Stockpiled Embankment	(CC) July 1, 2012
	62	Borrow Excavation	(CC) July 1, 2000
X	63	Crushed Stone (Temporary Use)	(CC) Jan. 1, 2008
X	64	Aggregate Subgrade, (12 INCH)	(IL) Current
	65	Expanded Polystyrene Fill	(CC) Jan. 15, 2013
	66	Cellular Concrete Fill	(CC) July 1, 2006
	67	GEO-GRID Subgrade Reinforcing Mat	(CC) May 1, 2003
	68	Earth Excavation (Special)	(CC) Jan. 15, 2013
X	69	P.C.C. Surface Finish	(CC) April 7, 2010
	70	Traffic Barrier Terminal, Type 1, Special	(IL-CC) Jan. 1, 2008
	71	Not Used	
X	72	Cutting Hot-Mix Asphalt Surface	(CC) Jan. 1, 2008
X	73	Hot-Mix Asphalt Driveway Surface Removal	(CC) July 1, 2012
	74	Temporary Butt Joints	(CC) Jan. 1, 2008
	75	Hot-Mix Asphalt Stabilized Sub base	(CC) Jan. 1, 2008
	76	Hot-In-Place Asphalt Recycling by the Heater Scarifying Overlay Method	(CC) July 1, 2011

	No.	Description	Origin and Date Last Revised
	77	Treatment of Cracks	(CC) Jan. 1, 2008
	78	Strip Reflective Crack Control Treatment, Special	(CC) May 1, 2003
	79	Cold Recycled In-Place Bituminous Base Course	(CC) Oct. 1, 2009
	80	Temporary By-Pass Pavement (Non-Federal Aid)	(CC) Jan. 1, 2008
	81	Temporary By-Pass Pavement (Federal Aid)	(CC) July 1, 2011
	82	Reflective Crack Control Treatment	(CC) Jan. 1, 2012
	83-116	Not Used	
X	117	Approach Slab Repair	(IL-CC) Sep. 25, 2009
	118	Asbestos Waterproofing Membrane & Asbestos Hot-Mix-Asphalt Surface Removal (BDE)	(IL) Current
	119	Not Used	
	120	Segmental Concrete Block Walls	(IL) Current
	121	Temporary Soil Retention System	(IL) Current
	122	Steel Structures	(CC) Nov. 21, 2007
	123	Not Used	
	124	Cleaning and Painting Existing Steel Structures	(IL) Current
	125	Containment and Disposal of Lead Paint Cleaning Residues	(IL) Current
	126	Fine or Coarse Aggregate Embankment	(CC) Jan. 12, 2003
	127	Strip Seal Joint Assembly with Elastomeric Concrete Headers	(CC) Oct. 3, 2011
	128	Drainage System	(IL) Current
	129	Grating	(CC) Jan. 15, 2013
X	130	Silicone Bridge Joint Sealer	(IL) Current
	131	Not Used	
X	132	Deck Slab Repair	(IL) Current
X	133	Bridge Deck Latex Concrete Overlay	(IL) Current
	134	Surface Finish	(IL-CC) Jan. 1, 2007
	135-136	Not Used	
	137	Welded Wire Fabric, Epoxy Coated	(CC) Nov. 21, 2007
	138	Permanent Steel Sheet Piling	(IL) Current
	139	Temporary Sheet Piling	(IL) Current
	140	Precast Concrete Junction Chambers	(CC) Nov. 1, 2007
	141	Jack and Remove Existing Bearings	(IL) Current
	142	Jacking Existing Superstructure	(IL) Current
	143	Junction Chamber	(CC) Jan. 1, 2007
	144	Neoprene Expansion Joint Removal	(CC) Oct. 10, 1995
	145	Structural Repair of Concrete	(IL) Current
	146	Polymer Modified Portland Cement Mortar	(IL) Current
	147	Concrete Wearing Surface for Use With Deck Beams	(IL) Current

	No.	Description	Origin and Date Last Revised
	148	Sheet Waterproofing Membrane System	(CC) Nov. 19, 1999
	149	Chain Link Fence (Modified)	(CC) Jan. 1, 2004
	150-155	Not Used	
	156	Storm Sewer, (Ductile Iron Pipe) and Storm Sewers, (Extra Strength Vitrified Clay Pipe) in the City of Chicago	(CC) Oct. 20, 2009
	157	Water Main for Installation in the City of Chicago	(CC) Dec. 21, 2009
	158	Frames, City Electric in the City of Chicago	(CC) July 1, 2012
	159	Lids, City Electric in the City of Chicago	(CC) April 14, 2009
	160	Lids and Lids, ADA Compliant in the City of Chicago	(CC) April 14, 2009
	161	Various City Drainage and Utility Structure Adjustments in the City of Chicago	(CC) Dec. 21, 2009
	162	Storm Sewer Installation in the City of Chicago	(CC) Dec. 1, 2009
	163	Boring and Jacking Storm Sewers, Sanitary Sewers or Water Mains	(CC) Dec. 1, 2007
	164	Storm Sewers Jacked in Place (Over 36 In. Dia.)	(CC) Dec. 21, 2009
	165	Storm Sewer Drilled and Pushed (36 In. Dia. Max.)	(CC) Dec. 1, 2007
	166	Storm Sewers, Abandon and Fill	(CC) Jan. 15, 2013
	167	Storm Sewer to be Televised	(CC) July 1, 2012
	168	Connecting Existing Field Drain Tile	(CC) July 1, 2012
	169	Plugging Existing Drains and Sewers	(CC) Dec. 1, 2007
	170	Blocking Existing Drains and Sewers	(CC) Dec. 21, 2009
	171	Manholes to be Reconstructed, Special; Catch Basins to be Reconstructed, Special; Valve Vaults to be Reconstructed, Special	(CC) Dec. 1, 2007
	172	Not Used	
	173	Manholes, Type A, with Restrictor Plate, Frames and Lids	(CC) July 1, 2012
	174	Not Used	
X	175	Lids and Frames and Lids	(CC) Jan. 15, 2013
X	176	Frames and Lids to be Adjusted, Special	(CC) Dec. 21, 2009
	177	Headwall Inlet and Grate	(CC) July 1, 2012
	178	Flared End Sections to be Removed, Flared End Sections to be Relocated	(CC) Dec. 30, 2008
	179	Bracing and Sheeting	(CC) Dec. 1, 2007
X	180	Pavement Replacement	(CC) July 1, 2011
	181	Duck Bill Elastomeric Check Valve	(CC) July 1, 2012
	182	Catch Basin Oil and Debris Hoods	(CC) Jan. 15, 2013
	183	Frames and Lids to be Adjusted, Special (Pavement Recycling)	(CC) Jan. 1, 2013
	184	Not Used	
X	185	* Cooperation With Utilities	(CC) Feb. 10, 2012
X	186	Water Valve Boxes to be Adjusted and Domestic Meter Vaults to be Adjusted	(CC) Dec. 21, 2009
	187	Domestic Water Service Boxes to be Adjusted	(CC) Dec. 21, 2009
	188	Filling Existing Valve Vaults	(CC) Dec. 21, 2009

	No.	Description	Origin and Date Last Revised
	189	Valve Vaults to be Removed	(CC) Dec. 21, 2009
	190	Water Main Installation	(CC) Dec. 1, 2009
	191	Fire Hydrants Vertical Adjustment	(CC) Dec. 21, 2009
	192	Sanitary Sewer Installation	(CC) July 1, 2012
	193	Sanitary Manholes	(CC) Dec. 21, 2009
X	194	Waterproofing of Existing Sanitary Manholes	(CC) July 1, 2012
	195-199	Not Used	
X	200	Cleaning Existing Manholes, Catch Basins or Inlets and Cleaning Existing Storm Sewer and Pipe Culverts	(CC) Dec. 1, 2008
	201	Not Used	
	202	* National Pollutant Discharge Elimination System	(CC) January 1, 2013
	203	Not Used	
	204	Maintaining Drainage and Stream Protection	(CC) Dec. 1, 2007
	205	Storm Water Pollution Separation System	(CC) July 1, 2012
	206	Storm Water Pollution Separation System (SPECIAL)	(CC) Dec. 1, 2007
	207	Storm Water Pollution Separation System (In-Line)	(CC) July 1, 2012
	208-210	Not Used	
	211	Seeding	(CC) Sept. 1, 2002
X	212	Sodding	(CC) Jan. 15, 2013
	213	Trees To Be Planted	(CC) Jan. 1, 2013
	214	Salvaging and Transplanting Trees; Salvaging and Transplanting Shrubs	(CC) Sept. 1, 2002
	215	Planting Woody Plants	(CC) Jan. 1, 1997
	216	Seeding, Fine Fescue Blend	(CC) Jan. 1, 2007
	217	Seeding, Class 4B Modified	(CC) Jan. 1, 2007
	218-226	Not Used	
X	227	Work Zone Traffic Control Surveillance	(IL) Current
	228	Traffic Control Devices – Detour Routing	(CC) July 1, 2012
X	229	Modified Urethane Pavement Marking (BDE)	(IL) Current
	230	Sign Identification Decal	(CC) Jan. 15, 2013
X	231	Traffic Protection	(CC) July 1, 2012
	232-235	Not Used	
X	236	Project Signs Plaque	(CC) Jan. 15, 2013
X	237	Eradication of Existing Pavement Marking	(CC) Dec. 1, 2009
X	238	Raised Reflective Pavement Marker	(IL-CC) July 1, 2012
	239-240	Not Used	
X	241	Traffic Signal Work General	(ILD1CC) Jan. 15, 2013
	242	Construction at Railroad Crossing	(CC) June 1, 2012
	243	Signal Head, Optically Programmed Signal Head and Pedestrian Signal Head	(CC) June 1, 2012

	No.	Description	Origin and Date Last Revised
	244	Light Emitting Diode (LED) Traffic Signal	(ILD1CC) June 1, 2012
	245	Light Emitting Diode (LED) Pedestrian Countdown Signal Head	(ILD1CC) June 1, 2012
	246	Traffic Signal Backplate	(ILD1CC) June 1, 2012
	247	Illuminated Sign, Light Emitting Diode	(ILD1CC) June 1, 2012
	248	Traffic Signal Post, Pedestrian Pushbutton Post	(ILD1CC) June 1, 2012
	249	Steel Mast Arm Assembly and Pole and/or Steel Combination Mast Arm Assembly and Pole	(ILD1CC) June 1, 2012
	250	Traffic Actuated Controller, Traffic Actuated Controller with Cabinet, Inductive Loop Detector	(ILD1CC) Jan. 15, 2013
	251	Master Controller	(ILD1CC) Jan. 15, 2013
X	252	Detector Loop	(ILD1CC) Jan. 15, 2013
	253	Video Detection System For Temporary Traffic Signal Installation	(CC) June 1, 2012
	254	Pedestrian Pushbutton	(ILD1CC) June 1, 2012
	255	Conduit	(IL-CC) June 1, 2012
X	256	Coilable Non-Metallic Conduit	(ILD1CC) June 1, 2012
	257	Not used	
	258	Electric Cable	(ILD1CC) June 1, 2012
	259	Railroad Interconnect Cable	(ILD1CC) June 1, 2012
	260	Fiber Optic Cable	(ILD1CC) June 1, 2012
	261	System Ground and Grounding Cable	(ILD1CC) June 1, 2012
	262	Grounding Existing Handhole Frame and Cover	(ILD1) Current
	263	Service Installation, Pole Mounted	(ILD1CC) June 1, 2012
	264	Service Installation, Ground Mounted	(ILD1CC) June 1, 2012
	265	* Electric Service	(CC) Jan. 15, 2013
	266	Handhole	(ILD1CC) June 1, 2012
X	267	Rebuild Existing Handhole, Rebuild Existing Heavy Duty Handhole, Rebuild Existing Double Handhole	(CC) June 1, 2012
	268	Concrete Foundation	(ILD1CC) June 1, 2012
	269	Modify Existing Type "D" Foundation	(CC) June 1, 2012
	270	Remove Existing Traffic Signal Equipment	(ILD1CC) June 1, 2012
X	271	Temporary Traffic Signal Installation	(ILD1CC) Jan. 15, 2013
X	272	Maintenance of Existing Traffic Signal Installation	(ILD1CC) June 1, 2012
	273	Emergency Vehicle Priority System	(ILD1CC) June 1, 2012
	274	Relocate Existing Emergency Vehicle Priority System, Detector Unit	(CC) June 1, 2012
	275	Relocate Existing Emergency Vehicle Priority System, Phasing Unit	(CC) June 1, 2012
	276	Confirmation Beacon System	(CC) June 1, 2012
	277	Re-Optimize Traffic Signal System	(ILD1CC) Jan. 15, 2013
	278	Optimize Traffic Signal System	(ILD1CC) Jan. 15, 2013
	279	Median Removal and Replacement	(CC) June 1, 2012

	No.	Description	Origin and Date Last Revised
	280	Sidewalk Removal and Replacement	(CC) June 1, 2012
	281	Relocate Existing Light Standard and Luminaire Complete in Place	(CC) Jan. 15, 2013
	282	Maintenance Of Lighting System	(ILD1CC) June 1, 2012
	283	City Electric Manholes to be Adjusted	(CC) June 1, 2012
	284	Uninterruptible Power Supply (UPS)	(ILD1CC) June 1, 2012
	285	Traffic Signal Cabinet Load Switch	(CC) June 1, 2012
X	286	Temporary Traffic Signal Timings	(ILD1CC) June 1, 2012
	287	Combination Lighting and Traffic Signal Service Installation, Pole Mounted	(CC) June 1, 2012
	288	Illuminated Street Name Sign	(ILD1CC) June 1, 2012
	289	Relocate Existing Illuminated Street Name Sign	(CC) June 1, 2012
	290	Video Detection System, Single Camera Processor Video Detection	(CC) June 1, 2012
	291	Video Detection System, Complete Intersection	(CC) June 1, 2012
	292	Not Used	
	293	Uninterruptible Power Supply Without Cabinet	(CC) June 1, 2012
	294	Modifying Existing Controller Cabinet	(ILD1CC) June 1, 2012
	295-300	Not Used	

Additional Inserted Special Provisions (As Required)

- 185a Status of Utilities to be Adjusted
- 400 Clean and Reseal Relief Joint
- 401 Class C Patches, Joint Repair Special
- 402 Combination Concrete Curb and Gutter, Type B-6.24 Special
- 403 Combination Concrete Curb and Gutter, Removal Special
- 404 Crack and Joint Routing and Sealing
- 405 Sealing Existing Transverse Joints
- 406 Leveling Binder (Hand Method), IL-9.5,N70 Special

Additional Document Inclusions (Required)

*0 01	Cover Sheet	(CC) Oct. 8, 2013
*0 02	Notice Sheet	(CC) Jan. 15, 2013
*C	Proposal Sheet	(CC) Jan. 1, 2008
*E(DBE)	Economic Disclosure Statement	(CC) Dec. 26, 2013
	Instructions, *DBE Documents, Contractor Certifications, Economic and Other Disclosures, FHWA Title 23 United States Code, Section 313 – Buy America, *Contractor's Certificate Concerning Labor Standards, *Sub-Contractor's Certificate Concerning Labor Standards, Execution Pages	
*E(MWBE)	MBE/WBE Economic Disclosure Statement	(CC) Dec. 26, 2013
	Instructions for Completion of Economic Disclosure Statement, IDOT Certificate of Eligibility, IDOT Affidavit of Availability, MBE/WBE Forms, Contractor Current Certifications, Required Disclosures, Ethics Disclosure Forms, Labor Standards & Prevailing Wage Requirements and Execution Pages	
F	Surety's Statement Of Qualification for Bonding	(CC) June 2, 2011
*G1	Trust Agreement	(CC) Jan. 15, 2013
*H	Performance and Payment of Bond Form	(CC) June 9, 2011
*I	Contract	(CC) Jan. 15, 2013
*J	Schedule of Prices Sheets	(CC) Dec. 28, 2011
*K	Proposal Bid Bond	(CC) Jan. 15, 2013
*L	Bid Deposit Form	(CC) Jan. 15, 2013

* Special Provisions marked with an asterisk (*) have information that must be filled in prior to inclusion in the Contract Documents.

Origin of Special Provisions

(CC)	Initiated by Cook County Department of Transportation and Highways
(IL) Current	Initiated by Illinois Department of Transportation
(ILD1) Current	Initiated by Illinois Department of Transportation District 1
(IL-CC)	Initiated by the Illinois Department of Transportation and amended by Cook County Department of Transportation and Highways
(ILD1-CC)	Initiated by Illinois Department of Transportation District 1 and amended by Cook County Department of Transportation and Highways

Initiating Bureau/Division	Cook County Department of Transportation and Highways Special Provision Catalog Number
Contract Documents Office	1-20
Construction Bureau	21-40
Pavement Geometrics Division	41-114
Structural Division	115-155
Drainage Division	156-210
Landscaping Division	211-225
Transportation and Planning Bureau	226-240

BY ORDER

BOARD OF COUNTY COMMISSIONERS

THE COUNTY OF COOK

SHANNON E. ANDREWS

CHIEF PROCUREMENT OFFICER

JOHN J. YONAN, P.E.

SUPERINTENDENT OF DEPARTMENT OF TRANSPORTATION AND HIGHWAYS

DEFINITION OF TERMS

PLANS. The plans herein referred to are those prepared by the County Superintendent of Department of Transportation and Highways. The plans which cover the proposed improvement are designated by the section and route numbers inscribed herein and include all standard and special designs pertaining to the proposed improvement.

SPECIFICATIONS. The specifications herein referred to are the Standard Specifications for Road and Bridge Construction, Supplemental Specifications, the special provisions and all written agreements and documents of any description pertaining to the method or manner of performing the work and the quantity or quality of materials to be furnished under the contract. The Standard Specifications for Road and Bridge Construction are those prepared by the Department of Transportation of the State of Illinois, adopted January 1, 2012. The Supplemental Specifications are those prepared by the Department of Transportation of the State of Illinois.

INTENT OF PLANS AND SPECIFICATIONS. The intent of those plans and specifications is to prescribe a complete outline of the proposed improvement which the Contractor undertakes to construct in full compliance with the contract. In case of discrepancy, plans shall govern over Standard and Supplemental Specifications and Special Provisions shall govern over plans and specifications.

ABOUT REQUESTS FOR PLANS & PROPOSALS

The Specification can be downloaded at **http://legacy.purchasing/public/index.php** (follow online instructions to register, if you have not already). When the plans are not included in the bid document on the http site, you must also download the Plans (Drawings) at **ftp://highwayftp.cookcountyil.gov** (user name: **highwaypublic**; password: **ftpt3st!**).

A compact disk containing the bid documents will be available at the Cook County Building, 118 North Clark Street, Chicago, IL 60602 at Room 1018. One compact disk per company at no charge.

INFORMATION for BIDDERS

1) If the prospective bidder is in doubt as to the meaning of any part of the plans, specifications of other proposed contract documents, they may submit a written clarification to the Chief Procurement Officer (CPO) for an interpretation thereof. The prospective bidder submitting the request will be responsible for the prompt delivery to the Chief Procurement Officer. Any interpretation of the proposal documents will be made by an addendum duly issued through the Cook County Purchasing website.

2) An estimate of quantities of work to be done and material to be furnished under the specifications will be found in the Schedule of Prices. It is the result of calculations and is given as a basis for a comparison of bids and award of a contract.

3) The bidder should include in the bid price in his bid for any taxes such as Occupational, Social Security, Unemployment Compensation, etc., which he might be required to pay in connection with the construction of the proposed improvement. The County of Cook will not reimburse the Contractor for the payment of any such taxes.

4) The Board of County Commissioners for the County of Cook reserves the right to reject any or all bids and to waive technicalities of form. Bids may be rejected if current work being performed for the County of Cook by the bidder has been unsatisfactory from the standpoint of workmanship or progress, or if the contractor has been awarded work by others subsequent to the issuance of the bid, which may, in the judgment of said Board of County Commissioners of Cook County endanger the prompt completion of the proposed improvement.

5) The bidder shall include in his bid a Bid Guarantee in accordance with provisions contained in the proposal form. The return of the bid guarantee will be in accordance with provisions contained in the bid form.

6) The bidder who submits the bid shall furnish a satisfactory Surety Bond in the amount of one hundred percent (100%) of the contract price within **fourteen (14) days** after receiving notice of acceptance. Such acceptance being contingent upon the fulfillment of this requirement by said bidder. Failure on the part of said bidder to so execute a Contract and Surety Bond shall be considered just cause for the forfeiture of the bid guaranty as payment of liquidated damages sustained by the County of Cook as the result of such, and the annulment of acceptance of the proposal.

7) If bidder is submitting a bid as a Joint Venture, bidder shall complete the County's Joint Venture Forms and shall submit such Joint Venture Forms **when the bid is submitted**. Bidder is reminded that compliance with the Assumed Business Name Act (805 ILCS 405/1 et seq.) is required of all Joint Ventures.

8) **The following completed documents are to be submitted <u>with1 original and 1 copy of the Bid</u>:**

Joint Venture Forms	1 original
Bituminous Materials Cost Adjustments (when applicable)	1 original
Economic Disclosure Statement and Execution Documents:	
IDOT Certificate of Eligibility	1 copy
IDOT Affidavit of Availability	1 copy
MBE/WBE Utilization Plan	1 copy
Letter of Intent from MBE/WBE to Perform as Subcontractor, Supplier and/or Consultant	1 copy
Petition for Reduction/Waiver of MBE/WBE Participation Goals	1 original
MBE/WBE Certification Letters (Current)	1 copy
Contractor Certifications	1 original
Economic and Other Required Disclosures	1 original
Lobby, Local Business Preference, Real Estate Ownership	1 original
Affidavit of Child Support Obligations	1 original
Disclosure of Ownership Interest Statement	1 original
Familial Relationship Disclosure Provision	1 original
Certification Concerning Labor Standards And Prevailing Wage Requirements	1 original
Subcontractors Certification Concerning Labor Standards and Prevailing Wage Requirements	1 original
Execution Pages:	
Sole Proprietor Signature Page	3 originals
Partnership and/or Joint Venture Signature Page	3 originals
Corporation Signature Page	3 originals
Bid Deposit Form	1 original
Proposal Bid Bond	1 original
Surety Statement of Qualifications	1 original

The following documents are to be submitted subsequent to notice of acceptance <u>within fourteen (14) calendar days</u>:

Performance and Payment Bond	1 original
Certificates of Insurance evidencing:	
Worker's Compensation and Employer's Liability	1 original
Commercial General Liability	1 original
Commercial Automobile Liability	1 original
Excess Liability	1 original
Contractor's Pollution Liability	1 original (if required)
Railroad Protective Liability (when applicable)	1 original
Trust Agreement	1 original

Please forward documents due within fourteen (14) days of notice of acceptance to:

Cook County Department of Transportation and Highways
Contract Documents
69 West Washington Street
Suite 2400
Chicago, IL 60602

SPECIAL PROVISION
FOR
BIDDING REQUIREMENTS AND CONDITIONS FOR CONTRACT PROPOSALS

Qualification of Bidders

The Awarding Authority for contract construction work is the County Board of a County. Each prospective bidder, in evidence of competence, shall furnish the Awarding Authority a certified copy of a "Certificate of Eligibility" issued by the Illinois Department of Transportation, and Contractor's Statement of Experience and Financial Condition" with their bid. Each prospective bidder shall furnish a sworn statement as to equipment owned and controlled, previous experience and construction work.

If the bidder to whom the award is made is a corporation organized under the laws of the State other than Illinois, the bidder shall furnish the Awarding Authority a copy of the corporation's Certificate of Authority to do business in the State of Illinois with the bid.

The bidder must provide the Awarding Authority a sworn Affidavit of Availability showing all uncompleted contracts awarded to them and all low bids pending award for Federal, State, County, Municipal and private work in the bid. The bidder should file two (2) copies of same with IDOT's District office.

Interpretation of Quantities in the Bid Schedule

The quantities appearing in the bid schedule are approximate and are prepared for the comparison of bids. Payment to the Contractor will be made only for the actual quantities of work performed and accepted or materials furnished according to the contract. The scheduled quantities of work to be done and materials to be furnished may be increased, decreased, or omitted as hereinafter provided.

Examination of Plans, Specifications, Special Provisions, and Site of Work

The bidder shall, before submitting a bid, carefully examine the provisions of the contract. The bidder shall inspect in detail the site of the proposed work, investigate and become familiar with all the local conditions affecting the contract and fully acquaint themselves with the detailed requirements of construction. Submission of a bid shall be a conclusive assurance and warranty the bidder has made these examinations and the bidder understands all requirements for the performance of the work. If the submitted bid is accepted, the bidder shall be responsible for all errors in the bid resulting from the bidder's failure or neglect to comply with these instructions. The Awarding Authority will, in no case, be responsible for any costs, expenses, losses, or change in anticipated profits resulting from such failure or neglect of the bidder to make these examinations.

The bidder shall take no advantage of any error or omission in the bid documents and advertised contract. Any prospective bidder who desires an explanation or interpretation of the plans, specification, or any of the contract documents shall request such in writing from the Awarding Authority in sufficient time to allow a written reply by the Awarding Authority that can reach all prospective bidders before the submission of their bids. Any reply given a prospective bidder concerning any of the contract documents, plans, and specifications will be furnished to all prospective bidders in the form determined by the Awarding Authority including, but not limited to, an addendum, if the information is deemed by the Awarding Authority to be necessary in submitting bids or if the Awarding Authority concludes the information would aid competition. Oral explanations, interpretations, or instructions given before the submission of bids unless at a prebid conference will not be binding on the Awarding Authority.

Changes in Improvement

The undersigned agrees that in case the Superintendent of Cook County Department of Transportation and Highways decides either to extend or decrease the area of the proposed improvement or to do both or otherwise alter it by extras or deductions including the elimination of any one or more of the quantities listed in the Schedule of Prices the undersigned will make such change in the contract price by adding or subtracting there from as the case may be by applying the respective unit prices to the quantities of the several items of work that may be involved by reason of such change.

Preparation of the Bid

Bidders shall submit their bids on the form furnished by the Awarding Authority. The bid shall be executed properly, and bids shall be made for all items indicated in the bid form, except when alternate bids are asked, a bid on more than one alternate for each item is not required, unless otherwise provided. The bidder shall indicate in figures, a unit price for each of the separate items called for in the bid form; the bidder shall show the products of the respective quantities and unit prices in the column provided for that purpose, and the gross sum shown in the place indicated in the bid form shall be the summation of said products. All writing shall be with ink or typewriter, except the signature of the bidder which shall be written in ink.

Any erasures or alterations in the unit prices and/or in the products of the respective quantities and unit prices in the bid, must be properly authenticated by the bidder by initialing in ink such erasures or alterations to avoid cause for rejection of the bid in accordance with Title 44 Illinois Administrative Code Chapter IX Section 660.180.

If the bid is made by an individual, that individual's name and business address shall be shown. If made by a firm or partnership, the name and business address of each member of the firm or partnership shall be shown. If made by a corporation, the bid shall show the names, titles, and business addresses of the president, corporate secretary and treasurer. The bid shall be signed by president or someone with authority to execute contracts and attest by the corporate secretary or someone with authority to execute or attest to the execution of contracts.

Rejection of Bids

The Awarding Authority reserves the right to reject any bids for any of the conditions listed below:

a) More than one bid for same work from an individual, firm partnership, or corporation under the same name or different names.

b) Evidence of collusion among bidders.

c) Unbalanced bids in which the bid prices for some items are, in the judgment of the Awarding Authority, out of proportion to the bid prices for other items.

d) If the bid does not contain a unit price for each pay item listed except in the case of authorized alternate pay items or lump sum pay items.

e) If the bid form is other than that furnished by the Awarding Authority; or if the form is altered or any part thereof is detached.

f) If there are omissions, erasures, alterations unauthorized additions, conditional or alternate bids, or irregularities of any kind which may tend to make the bid incomplete, indefinite or ambiguous as to its meaning.

g) If the bidder adds any provisions reserving the right to accept or reject an award, or to enter into a contract pursuant to an award.

h) If the proposal is not accompanied by the proper bid guaranty.

i) If the bid is prepared with other than ink or typewriter, or otherwise fails to meet the requirement of the above "Preparation of Proposal" section.

j) Lack of Competency and adequate machinery, plant, and other equipment, as revealed by the financial statement and experience questionnaires required in the prequalification procedures.

k) Uncompleted work which, in the judgment of the Awarding Authority, might hinder or prevent the prompt completion of additional work awarded.

l) False information provided on a bidder's "Affidavit of Availability".

m) Failure to pay, or satisfactorily settle, all bills due for labor and material on former contracts in force at the time of issuance of bid forms.

n) Failure to comply with any prequalification regulations of the Department.

o) Default under previous contracts.

p) Unsatisfactory performance record as shown by past work for the Awarding Authority, judged from the standpoint of workmanship and progress.

q) When the contractor is suspended from eligibility to bid at a public letting where the contract is awarded by, or requires approval of, the Department.

r) When any agent, servant, or employee of the prospective bidder currently serves as a member, employee, or agent of a governmental body that is financially involved in the proposal work.

s) When any agent, servant, or employee of the perspective bidder has participated in the preparation of plans or specifications for the proposed work.

Bid Guaranty

Each bid shall be accompanied by a bid bond on the Department form contained in the bid document, executed by a corporate surety company satisfactory to the Awarding Authority, by a bank cashier's check or a properly certified check for not less than five percent (5%) of the amount bid, or for the amount specified in the following schedule:

	Amount Bid	Proposal Guaranty
Up to	$5,000	$150
$5,000	$10,000	$300
$10,000	150,000	$1,000
$50,000	$100,00	$3,000
$100,000	$150,000	$5,000
$150,000	$250,000	$7,500
$250,000	$500,000	$12,500
$500,000	$1,000,000	$25,000
$1,000,000	$1,500,000	$50,000
$1,500,000	$2,000,000	$75,000
$2,000,000	$3,000,000	$100,000
$3,000,000	$5,000,000	$150,000
$5,000,000	$7,500,000	$250,000
$7,500,000	$10,000,000	$400,000
$10,000,000	$15,000,000	$500,000
$15,000,000	$20,000,000	$600,000
$20,000,000	$25,000,000	$700,000
$25,000,000	$30,000,000	$800,000
$30,000,000	$35,000,000	$900,000
Over	$35,000,000	$1,000,000

In the event that one proposal guaranty check is intended to cover two or more bids, the amount must equal to the sum of the bid guaranties, which would be required for each individual proposal.

Bank cashier's checks or properly certified checks accompanying bids shall be made payable to the County Treasurer, when a County is the Awarding Authority; or the City, Village, or Town Treasurer, when a city, village or town is the Awarding Authority.

The bid guaranty checks of all except the two (2) lowest responsible bidders will be returned promptly after the bids have been checked, tabulated, and the relation of the bids established. Bid guaranty checks of the two lowest responsible bidders will be returned as soon as the contract and contract bond of the successful bidder have been properly executed and approved. Bid bonds will not be returned.

After a period of three (3) working days has elapsed after the date of opening proposals, the Awarding Authority may permit the two lowest bidders to substitute for the banks cashier's checks or certified checks submitted with their bids as proposal guaranties, bid bonds on the Department forms executed by corporate surety companies satisfactory to the Awarding Authority.

Delivery of Bids

If a special envelope is supplied by the Awarding Authority, each bid should be submitted in that envelope furnished by the Awarding Authority and the blank spaces on the envelope shall be filled in correctly to clearly indicate its contents. When an envelope other than the special one furnished by the Awarding Authority is used, it shall be marked to clearly indicate its contents. When sent by mail, the sealed proposal shall be addressed to the Awarding Authority at the address and in care of the official in whose office the bids are to be received. All bids shall be filed prior to the time and at the place specified in the Notice to Bidders. Bids received after the time specified will be returned to the bidder unopened.

Withdrawal of Bids

Bidder may withdraw their bid prior to bid opening.

Public Opening of Bids

Bids will be opened and read publicly at the time and place specified in the Notice to Bidders. Bidders, their authorized agents, and other interested parties are invited to be present.

Consideration of Bids

After the bids are opened and read, they will be compared on the basis of the summation of the products of the quantities shown in the bid schedule by the unit bid prices. In awarding contracts, the Awarding Authority will, in addition to considering the amounts stated in the bids, take into consideration the responsibility of the various bidders as stated under "Rejection of Bids and documents submitted in the bid and from other investigations which it may elect to make.

The right is reserved to reject any or all bids, to waive technicalities, or to advertise from new bids, if in the judgment of the Awarding Authority, the best interests of the Awarding Authority will be promoted thereby.

Awarding of Contract

The award of contract will be made within 90 calendar days after the opening of bids to the lowest responsible and responsive qualified bidder whose bids complies with all the requirements prescribed. The successful bidder will be notified that their bid has been accepted, and subject to the following conditions, the bidder will be the Contractor. In addition, **the contractor shall provide all required insurance and bonding as specified within fourteen (14) calendar days from notice.**

An approved contract executed by the Awarding Authority is required before the Awarding Authority is bound. An award may be cancelled any time by the Awarding Authority prior to execution in order to protect the public interest and integrity of the bidding process or for any other reason, if the judgment of the Awarding Authority and/or the best interests of the Awarding Authority will be promoted thereby.

If a contract is not awarded within 90 days after the bid opening, bidders may file a written request with the Awarding Authority for the withdrawal of their bid, or agree to maintain their bid price.

Requirement of Contract Bond

The Contractor shall furnish the Awarding Authority a performance and payment bond with good and sufficient sureties in the full amount of the contract within **fourteen (14) calendar days** as part of the requirement. The surety shall be acceptable to the Awarding Authority, shall waive notice of any changes and extensions of time, and shall submit its bond on the form furnished by the Awarding Authority.

Failure to Execute Contract

If the contract is not executed by the Awarding Authority within 90 days from the bid opening, the bidder shall have the right to withdraw their bid without penalty.

Failure of the successful bidder to provide all required insurance and bonding within **fourteen (14) days after the award notification** shall be just cause for the cancellation of the award and the forfeiture of the bid guaranty which shall become the property of the Awarding Authority, not as penalty, but in liquidation of damages sustained. Award may then be made to the next lowest responsible bidder, or the work may be advertised again and constructed under contract, or otherwise, as the Awarding Authority may decide.

SPECIAL PROVISION
FOR
PRE-BID MEETING

Prospective bidders are advised that Pre-Bid Meeting will be held:

Date: Tuesday, November 18, 2014

Time: 11 a.m.

Place: Cook County Department of Transportation and Highways
69 W. Washington Street
Suite 2260
Chicago, IL 60602

SPECIAL PROVISION
FOR
WAGES OF EMPLOYEES ON PUBLIC WORKS

1. **Prevailing Wages.** All wages paid by the contractor and each subcontractor shall be in compliance with The Prevailing Wage Act (820 ILCS 130), as amended, except where a prevailing wage violates a federal law, order, or ruling, the rate conforming to the federal law, order, or ruling shall govern. The Illinois Department of Labor publishes the prevailing wage rates on its website at www.state.il.us/agency/idol/rates.rates.htm. If the Illinois Department of Labor revises the prevailing wage rates, the revised prevailing wage rates on the Illinois Department of Labor's website shall apply to this contract and the contractor will not be allowed additional compensation on account of said revisions. The contractor shall review the wage rates applicable to the work of the contract at regular intervals in order to ensure the timely payment of current wage rates. The contractor agrees that no additional notice is required. The contractor shall be responsible to notify each subcontractor of the wage rate set forth in this contract and any revisions thereto.

2. **Payroll Records.** The contractor and each subcontractor shall make and keep, for a period of not less than five years from the date of the last payment on a contract or subcontract, records of all laborers, mechanics, and other workers employed by them on the project; the records shall include information required by 820 ILCS 13/5 for each worker. Upon seven (7) business days' notice, the contractor and each subcontractor shall make available for inspection and copying at a location within this State during reasonable hours, the payroll records to the public body in charge of the project, its officers and agents, the Director of Labor and his deputies and agents, and to federal, State, or local law enforcement agencies and prosecutors.

3. **Submission of Payroll Records.** The contractor and each subcontractor shall, no later than the 15th day of each calendar month, file a certified payroll for the immediately preceding month with public body in charge of the project, except that the full social security number and home address shall not be included on weekly transmittals. Instead the payrolls shall include an identification number for each employee (E.g., the last four digits of the employee's social security). The certified payroll shall consist of a complete copy of the payroll records except starting and ending times of work each day may be omitted.

   The certified payroll shall be accompanied by a statement signed by the contractor or subcontractor or an officer, employee, or agent of the contractor or subcontractor which avers that: (i) he or she has examined the certified payroll records required to be submitted by the Act and such records are true and accurate; (ii) the hourly rate paid to each worker is not less than the general prevailing rate of hourly wages required: and (iii) the contractor or subcontractor is aware that filing a certified payroll that he or she knows to be false is a Class A misdemeanor.

   All certified payroll records required to be submitted pertaining to Cook County Department of Transportation and Highway contracts should be submitted to the following address:

   Chief Engineer – Construction Bureau
   Cook County Department of Transportation and Highways
   69 West Washington Street – 23rd Floor
   Chicago, IL 60602

4. **Employees Interviews.** The contractor and each subcontractor shall permit his/her employees to be interviewed on the job, during working hours, by compliance investigators of the Department of Labor.

Cook County Prevailing Wage for November 2014

(See explanation of column headings at bottom of wages)

Trade Name	RG	TYP	C	Base	FRMAN	M-F>8	OSA	OSH	H/W	Pensn	Vac	Trng
ASBESTOS ABT-GEN		ALL		38.200	38.700	1.5	1.5	2.0	13.78	10.12	0.000	0.500
ASBESTOS ABT-MEC		BLD		35.100	37.600	1.5	1.5	2.0	11.17	10.76	0.000	0.720
BOILERMAKER		BLD		44.240	48.220	2.0	2.0	2.0	6.970	17.54	0.000	0.350
BRICK MASON		BLD		42.580	46.840	1.5	1.5	2.0	9.850	13.60	0.000	1.030
CARPENTER		ALL		43.350	45.350	1.5	1.5	2.0	13.29	13.75	0.000	0.630
CEMENT MASON		ALL		43.100	45.100	2.0	1.5	2.0	12.70	13.24	0.000	0.450
CERAMIC TILE FNSHER		BLD		35.810	0.000	1.5	1.5	2.0	10.55	8.440	0.000	0.710
COMM. ELECT.		BLD		39.000	41.800	1.5	1.5	2.0	8.420	11.98	1.100	0.700
ELECTRIC PWR EQMT OP		ALL		46.100	51.100	1.5	1.5	2.0	10.76	14.87	0.000	0.460
ELECTRIC PWR GRNDMAN		ALL		35.960	51.100	1.5	1.5	2.0	8.390	11.60	0.000	0.360
ELECTRIC PWR LINEMAN		ALL		46.100	51.100	1.5	1.5	2.0	10.76	14.87	0.000	0.460
ELECTRICIAN		ALL		44.000	47.000	1.5	1.5	2.0	13.33	14.77	0.000	0.750
ELEVATOR CONSTRUCTOR		BLD		49.900	56.140	2.0	2.0	2.0	12.73	13.46	3.990	0.600
FENCE ERECTOR		ALL		35.840	37.840	1.5	1.5	2.0	13.01	11.51	0.000	0.300
GLAZIER		BLD		40.000	41.500	1.5	2.0	2.0	12.49	15.99	0.000	0.940
HT/FROST INSULATOR		BLD		48.450	50.950	1.5	1.5	2.0	11.47	12.16	0.000	0.720
IRON WORKER		ALL		43.000	45.000	2.0	2.0	2.0	13.45	20.65	0.000	0.350
LABORER		ALL		38.000	38.750	1.5	1.5	2.0	13.78	10.12	0.000	0.500
LATHER		ALL		43.350	45.350	1.5	1.5	2.0	13.29	13.75	0.000	0.630
MACHINIST		BLD		44.350	46.850	1.5	1.5	2.0	6.760	8.950	1.850	0.000
MARBLE FINISHERS		ALL		31.400	32.970	1.5	1.5	2.0	9.850	13.10	0.000	0.600
MARBLE MASON		BLD		41.780	45.960	1.5	1.5	2.0	9.850	13.42	0.000	0.760
MATERIAL TESTER I		ALL		28.000	0.000	1.5	1.5	2.0	13.78	10.12	0.000	0.500
MATERIALS TESTER II		ALL		33.000	0.000	1.5	1.5	2.0	13.78	10.12	0.000	0.500
MILLWRIGHT		ALL		43.350	45.350	1.5	1.5	2.0	13.29	13.75	0.000	0.630
OPERATING ENGINEER		BLD	1	47.100	51.100	2.0	2.0	2.0	17.10	11.80	1.900	1.250
OPERATING ENGINEER		BLD	2	45.800	51.100	2.0	2.0	2.0	17.10	11.80	1.900	1.250
OPERATING ENGINEER		BLD	3	43.250	51.100	2.0	2.0	2.0	17.10	11.80	1.900	1.250
OPERATING ENGINEER		BLD	4	41.500	51.100	2.0	2.0	2.0	17.10	11.80	1.900	1.250
OPERATING ENGINEER		BLD	5	50.850	51.100	2.0	2.0	2.0	17.10	11.80	1.900	1.250
OPERATING ENGINEER		BLD	6	48.100	51.100	2.0	2.0	2.0	17.10	11.80	1.900	1.250
OPERATING ENGINEER		BLD	7	50.100	51.100	2.0	2.0	2.0	17.10	11.80	1.900	1.250
OPERATING ENGINEER		FLT	1	52.450	52.450	1.5	1.5	2.0	16.60	11.05	1.900	1.250
OPERATING ENGINEER		FLT	2	50.950	52.450	1.5	1.5	2.0	16.60	11.05	1.900	1.250

OPERATING ENGINEER		FLT	3	45.350	52.450	1.5	1.5	2.0	16.60	11.05	1.900	1.250
OPERATING ENGINEER		FLT	4	37.700	52.450	1.5	1.5	2.0	16.60	11.05	1.900	1.250
OPERATING ENGINEER		FLT	5	53.950	52.450	1.5	1.5	2.0	16.60	11.05	1.900	1.250
OPERATING ENGINEER		HWY	1	45.300	49.300	1.5	1.5	2.0	17.10	11.80	1.900	1.250
OPERATING ENGINEER		HWY	2	44.750	49.300	1.5	1.5	2.0	17.10	11.80	1.900	1.250
OPERATING ENGINEER		HWY	3	42.700	49.300	1.5	1.5	2.0	17.10	11.80	1.900	1.250
OPERATING ENGINEER		HWY	4	41.300	49.300	1.5	1.5	2.0	17.10	11.80	1.900	1.250
OPERATING ENGINEER		HWY	5	40.100	49.300	1.5	1.5	2.0	17.10	11.80	1.900	1.250
OPERATING ENGINEER		HWY	6	48.300	49.300	1.5	1.5	2.0	17.10	11.80	1.900	1.250
OPERATING ENGINEER		HWY	7	46.300	49.300	1.5	1.5	2.0	17.10	11.80	1.900	1.250
ORNAMNTL IRON WORKER		ALL		43.900	46.400	2.0	2.0	2.0	13.36	17.24	0.000	0.650
PAINTER		ALL		40.750	45.500	1.5	1.5	1.5	10.75	11.10	0.000	0.770
PAINTER SIGNS		BLD		33.920	38.090	1.5	1.5	1.5	2.600	2.710	0.000	0.000
PILEDRIVER		ALL		43.350	45.350	1.5	1.5	2.0	13.29	13.75	0.000	0.630
PIPEFITTER		BLD		46.000	49.000	1.5	1.5	2.0	9.000	15.85	0.000	1.780
PLASTERER		BLD		42.250	44.790	1.5	1.5	2.0	11.40	12.19	0.000	0.650
PLUMBER		BLD		46.650	48.650	1.5	1.5	2.0	13.18	11.46	0.000	0.880
ROOFER		BLD		39.700	42.700	1.5	1.5	2.0	8.280	10.06	0.000	0.530
SHEETMETAL WORKER		BLD		41.530	44.850	1.5	1.5	2.0	10.48	20.06	0.000	0.690
SIGN HANGER		BLD		30.210	30.710	1.5	1.5	2.0	4.850	3.030	0.000	0.000
SPRINKLER FITTER		BLD		49.200	51.200	1.5	1.5	2.0	11.25	9.500	0.000	0.450
STEEL ERECTOR		ALL		42.070	44.070	2.0	2.0	2.0	13.45	19.59	0.000	0.350
STONE MASON		BLD		42.580	46.840	1.5	1.5	2.0	9.850	13.60	0.000	1.030
~~SURVEY WORKER~~--> NOT IN EFFECT		ALL		37.000	37.750	1.5	1.5	2.0	12.97	9.930	0.000	0.500
TERRAZZO FINISHER		BLD		37.040	0.000	1.5	1.5	2.0	10.55	10.32	0.000	0.620
TERRAZZO MASON		BLD		40.880	43.880	1.5	1.5	2.0	10.55	11.63	0.000	0.820
TILE MASON		BLD		42.840	46.840	1.5	1.5	2.0	10.55	10.42	0.000	0.920
TRAFFIC SAFETY WRKR		HWY		32.750	34.350	1.5	1.5	2.0	6.550	6.450	0.000	0.500
TRUCK DRIVER	E	ALL	1	33.850	34.500	1.5	1.5	2.0	8.150	8.500	0.000	0.150
TRUCK DRIVER	E	ALL	2	34.100	34.500	1.5	1.5	2.0	8.150	8.500	0.000	0.150
TRUCK DRIVER	E	ALL	3	34.300	34.500	1.5	1.5	2.0	8.150	8.500	0.000	0.150
TRUCK DRIVER	E	ALL	4	34.500	34.500	1.5	1.5	2.0	8.150	8.500	0.000	0.150
TRUCK DRIVER	W	ALL	1	32.550	33.100	1.5	1.5	2.0	6.500	4.350	0.000	0.000
TRUCK DRIVER	W	ALL	2	32.700	33.100	1.5	1.5	2.0	6.500	4.350	0.000	0.000
TRUCK DRIVER	W	ALL	3	32.900	33.100	1.5	1.5	2.0	6.500	4.350	0.000	0.000
TRUCK DRIVER	W	ALL	4	33.100	33.100	1.5	1.5	2.0	6.500	4.350	0.000	0.000
TUCKPOINTER		BLD		42.800	43.800	1.5	1.5	2.0	8.180	12.66	0.000	0.650

Legend: RG (Region)
TYP (Trade Type - All,Highway,Building,Floating,Oil & Chip,Rivers)
C (Class)
Base (Base Wage Rate)
FRMAN (Foreman Rate)
M-F>8 (OT required for any hour greater than 8 worked each day, Mon through Fri.
OSA (Overtime (OT) is required for every hour worked on Saturday)

OSH (Overtime is required for every hour worked on Sunday and Holidays)
H/W (Health & Welfare Insurance)
Pensn (Pension)
Vac (Vacation)
Trng (Training)

Explanations

COOK COUNTY

The following list is considered as those days for which holiday rates of wages for work performed apply: New Years Day, Memorial Day, Fourth of July, Labor Day, Thanksgiving Day, Christmas Day and Veterans Day in some classifications/counties. Generally, any of these holidays which fall on a Sunday is celebrated on the following Monday. This then makes work performed on that Monday payable at the appropriate overtime rate for holiday pay. Common practice in a given local may alter certain days of celebration. If in doubt, please check with IDOL.

TRUCK DRIVERS (WEST) - That part of the county West of Barrington Road.

EXPLANATION OF CLASSES

ASBESTOS - GENERAL - removal of asbestos material/mold and hazardous materials from any place in a building, including mechanical systems where those mechanical systems are to be removed. This includes the removal of asbestos materials/mold and hazardous materials from ductwork or pipes in a building when the building is to be demolished at the time or at some close future date.
ASBESTOS - MECHANICAL - removal of asbestos material from mechanical systems, such as pipes, ducts, and boilers, where the mechanical systems are to remain.

CERAMIC TILE FINISHER

The grouting, cleaning, and polishing of all classes of tile, whether for interior or exterior purposes, all burned, glazed or unglazed products; all composition materials, granite tiles, warning detectable tiles, cement tiles, epoxy composite materials, pavers, glass, mosaics, fiberglass, and all substitute materials, for tile made in tile-like units; all mixtures in tile like form of cement, metals, and other materials that are for and intended for use as a finished floor surface, stair treads, promenade roofs, walks, walls, ceilings, swimming pools, and all other places where tile is to form a finished interior or exterior. The mixing of all setting mortars including but not limited to thin-set mortars, epoxies, wall mud, and any other sand and cement mixtures or adhesives when used in the preparation, installation, repair, or maintenance of tile and/or similar materials. The handling and unloading of all sand, cement, lime, tile, fixtures, equipment, adhesives, or any other materials to be used in the preparation, installation, repair, or maintenance of tile and/or similar materials. Ceramic Tile Finishers shall fill all joints and voids regardless of method on all tile work, particularly and especially after installation of said tile work. Application of any and all protective coverings to all types of tile installations including, but not be limited to, all soap compounds, paper products, tapes, and all polyethylene coverings, plywood, masonite, cardboard, and any new type of products that may be used to protect tile installations, Blastrac equipment, and all floor scarifying equipment used in preparing floors to receive tile. The clean up and removal of all waste and materials. All demolition of existing tile floors and walls to be re-tiled.

COMMUNICATIONS ELECTRICIAN

Installation, operation, inspection, maintenance, repair and service of radio, television, recording, voice sound vision production and reproduction, telephone and telephone interconnect, facsimile, data apparatus, coaxial, fibre optic and wireless equipment, appliances and systems used for the transmission and reception of signals of any nature, business, domestic, commercial, education, entertainment, and residential purposes, including but not limited to, communication and telephone, electronic and sound equipment, fibre optic and data communication systems, and the performance of any task directly related to such installation or service whether at new or existing

sites, such tasks to include the placing of wire and cable and electrical power conduit or other raceway work within the equipment room and pulling wire and/or cable through conduit and the installation of any incidental conduit, such that the employees covered hereby can complete any job in full.

MARBLE FINISHER

Loading and unloading trucks, distribution of all materials (all stone, sand, etc.), stocking of floors with material, performing all rigging for heavy work, the handling of all material that may be needed for the installation of such materials, building of scaffolding, polishing if needed, patching, waxing of material if damaged, pointing up, caulking, grouting and cleaning of marble, holding water on diamond or Carborundum blade or saw for setters cutting, use of tub saw or any other saw needed for preparation of material, drilling of holes for wires that anchor material set by setters, mixing up of molding plaster for installation of material, mixing up thin set for the installation of material, mixing up of sand to cement for the installation of material and such other work as may be required in helping a Marble Setter in the handling of all material in the erection or installation of interior marble, slate, travertine, art marble, serpentine, alberene stone, blue stone, granite and other stones (meaning as to stone any foreign or domestic materials as are specified and used in building interiors and exteriors and customarily known as stone in the trade), carrara, sanionyx, vitrolite and similar opaque glass and the laying of all marble tile, terrazzo tile, slate tile and precast tile, steps, risers treads, base, or any other materials that may be used as substitutes for any of the aforementioned materials and which are used on interior and exterior which are installed in a similar manner.

MATERIAL TESTER I: Hand coring and drilling for testing of materials; field inspection of uncured concrete and asphalt.

MATERIAL TESTER II: Field inspection of welds, structural steel, fireproofing, masonry, soil, facade, reinforcing steel, formwork, cured concrete, and concrete and asphalt batch plants; adjusting proportions of bituminous mixtures.

OPERATING ENGINEER - BUILDING

Class 1. Asphalt Plant; Asphalt Spreader; Autograde; Backhoes with Caisson Attachment; Batch Plant; Benoto (requires Two Engineers); Boiler and Throttle Valve; Caisson Rigs; Central Redi-Mix Plant; Combination Back Hoe Front End-loader Machine; Compressor and Throttle Valve; Concrete Breaker (Truck Mounted); Concrete Conveyor; Concrete Conveyor (Truck Mounted); Concrete Paver Over 27E cu. ft; Concrete Paver 27E cu. ft. and Under: Concrete Placer; Concrete Placing Boom; Concrete Pump (Truck Mounted); Concrete Tower; Cranes, All; Cranes, Hammerhead; Cranes, (GCI and similar Type); Creter Crane; Spider Crane; Crusher, Stone, etc.; Derricks, All; Derricks, Traveling; Formless Curb and Gutter Machine; Grader, Elevating; Grouting Machines; Heavy Duty Self-Propelled Transporter or Prime Mover; Highlift Shovels or Front Endloader 2-1/4 yd. and over; Hoists, Elevators, outside type rack and pinion and similar machines; Hoists, One, Two and Three Drum; Hoists, Two Tugger One Floor; Hydraulic Backhoes; Hydraulic Boom Trucks; Hydro Vac (and similar equipment); Locomotives, All; Motor Patrol; Lubrication Technician; Manipulators; Pile Drivers and Skid Rig; Post Hole Digger; Pre-Stress Machine; Pump Cretes Dual Ram; Pump Cretes: Squeeze Cretes-Screw Type Pumps; Gypsum Bulker and Pump; Raised and Blind Hole Drill; Roto Mill Grinder; Scoops - Tractor Drawn; Slip-Form Paver; Straddle Buggies; Operation of Tie Back Machine; Tournapull; Tractor with Boom and Side Boom; Trenching Machines.

Class 2. Boilers; Broom, All Power Propelled; Bulldozers; Concrete Mixer (Two Bag and Over); Conveyor, Portable; Forklift Trucks; Highlift Shovels or Front Endloaders under 2-1/4 yd.; Hoists, Automatic; Hoists, Inside Elevators; Hoists, Sewer Dragging Machine; Hoists, Tugger Single Drum; Laser Screed; Rock Drill (Self-Propelled); Rock Drill (Truck Mounted); Rollers, All; Steam Generators; Tractors, All; Tractor Drawn Vibratory Roller; Winch Trucks with "A" Frame.

Class 3. Air Compressor; Combination Small Equipment Operator; Generators; Heaters, Mechanical; Hoists, Inside Elevators (remodeling or renovation work); Hydraulic Power Units (Pile Driving, Extracting, and Drilling); Pumps, over 3" (1 to 3 not to exceed a total of 300 ft.); Low Boys; Pumps, Well Points; Welding Machines (2 through 5); Winches, 4 Small Electric Drill Winches.

Class 4. Bobcats and/or other Skid Steer Loaders; Oilers; and Brick Forklift.

Class 5. Assistant Craft Foreman.

Class 6. Gradall.

Class 7. Mechanics; Welders.

OPERATING ENGINEERS - HIGHWAY CONSTRUCTION

Class 1. Asphalt Plant; Asphalt Heater and Planer Combination; Asphalt Heater Scarfire; Asphalt Spreader; Autograder/GOMACO or other similar type machines: ABG Paver; Backhoes with Caisson Attachment; Ballast Regulator; Belt Loader; Caisson Rigs; Car Dumper; Central Redi-Mix Plant; Combination Backhoe Front Endloader Machine, (1 cu. yd. Backhoe Bucket or over or with attachments); Concrete Breaker (Truck Mounted); Concrete Conveyor; Concrete Paver over 27E cu. ft.; Concrete Placer; Concrete Tube Float; Cranes, all attachments; Cranes, Tower Cranes of all types: Creter Crane: Spider Crane; Crusher, Stone, etc.; Derricks, All; Derrick Boats; Derricks, Traveling; Dredges; Elevators, Outside type Rack & Pinion and Similar Machines; Formless Curb and Gutter Machine; Grader, Elevating; Grader, Motor Grader, Motor Patrol, Auto Patrol, Form Grader, Pull Grader, Subgrader; Guard Rail Post Driver Truck Mounted; Hoists, One, Two and Three Drum; Heavy Duty Self-Propelled Transporter or Prime Mover; Hydraulic Backhoes; Backhoes with shear attachments up to 40' of boom reach; Lubrication Technician; Manipulators; Mucking Machine; Pile Drivers and Skid Rig; Pre-Stress Machine; Pump Cretes Dual Ram; Rock Drill - Crawler or Skid Rig; Rock Drill - Truck Mounted; Rock/Track Tamper; Roto Mill Grinder; Slip-Form Paver; Snow Melters; Soil Test Drill Rig (Truck Mounted); Straddle Buggies; Hydraulic Telescoping Form (Tunnel); Operation of Tieback Machine; Tractor Drawn Belt Loader; Tractor Drawn Belt Loader (with attached pusher - two engineers); Tractor with Boom; Tractaire with Attachments; Traffic Barrier Transfer Machine; Trenching; Truck Mounted Concrete Pump with Boom; Raised or Blind Hole Drills (Tunnel Shaft); Underground Boring and/or Mining Machines 5 ft. in diameter and over tunnel, etc; Underground Boring and/or Mining Machines under 5 ft. in diameter; Wheel Excavator; Widener (APSCO).

Class 2. Batch Plant; Bituminous Mixer; Boiler and Throttle Valve; Bulldozers; Car Loader Trailing Conveyors; Combination Backhoe Front Endloader Machine (Less than 1 cu. yd. Backhoe Bucket or over or with attachments); Compressor and Throttle Valve; Compressor, Common Receiver (3); Concrete Breaker or Hydro Hammer; Concrete Grinding Machine; Concrete Mixer or Paver 7S Series to and including 27 cu. ft.; Concrete Spreader; Concrete Curing Machine, Burlap Machine, Belting Machine and Sealing Machine; Concrete Wheel Saw; Conveyor Muck Cars (Haglund or Similar Type); Drills, All; Finishing Machine - Concrete; Highlift Shovels or Front Endloader; Hoist - Sewer Dragging Machine; Hydraulic Boom Trucks (All Attachments); Hydro-Blaster; Hydro Excavating (excluding hose work); Laser Screed; All Locomotives, Dinky; Off-Road Hauling Units (including articulating) Non Self-Loading Ejection Dump; Pump Cretes: Squeeze Cretes - Screw Type Pumps, Gypsum Bulker and Pump; Roller, Asphalt; Rotary Snow Plows; Rototiller, Seaman, etc., self-propelled; Self-Propelled Compactor; Spreader - Chip - Stone, etc.; Scraper - Single/Twin Engine/Push and Pull; Scraper - Prime Mover in Tandem (Regardless of Size); Tractors pulling attachments, Sheeps Foot, Disc, Compactor, etc.; Tug Boats.

Class 3. Boilers; Brooms, All Power Propelled; Cement Supply Tender; Compressor, Common Receiver (2); Concrete Mixer (Two Bag and Over); Conveyor, Portable; Farm-Type Tractors Used for Mowing, Seeding, etc.; Forklift Trucks; Grouting Machine; Hoists, Automatic; Hoists, All Elevators; Hoists, Tugger Single Drum; Jeep Diggers; Low Boys; Pipe Jacking Machines; Post-Hole Digger; Power Saw, Concrete Power Driven; Pug Mills; Rollers, other than Asphalt; Seed and Straw Blower; Steam Generators; Stump Machine; Winch Trucks with "A" Frame; Work Boats; Tamper-Form-Motor Driven.

Class 4. Air Compressor; Combination - Small Equipment Operator; Directional Boring Machine; Generators; Heaters, Mechanical; Hydraulic Power Unit (Pile Driving, Extracting, or Drilling); Light Plants, All (1 through 5); Pumps, over 3" (1 to 3 not to exceed a total of 300 ft.); Pumps, Well Points; Vacuum Trucks (excluding hose work); Welding Machines (2 through 5); Winches, 4 Small Electric Drill Winches.

Class 5. SkidSteer Loader (all); Brick Forklifts; Oilers.

Class 6. Field Mechanics and Field Welders

Class 7. Dowell Machine with Air Compressor; Gradall and machines of like nature.

OPERATING ENGINEER - FLOATING

Class 1. Craft Foreman; Master Mechanic; Diver/Wet Tender; Engineer; Engineer (Hydraulic Dredge).

Class 2. Crane/Backhoe Operator; Boat Operator with towing endorsement; Mechanic/Welder; Assistant Engineer (Hydraulic Dredge); Leverman (Hydraulic Dredge); Diver Tender.

Class 3. Deck Equipment Operator, Machineryman, Maintenance of Crane (over 50 ton capacity) or Backhoe (115,000 lbs. or more); Tug/Launch Operator; Loader/Dozer and like equipment on Barge, Breakwater Wall, Slip/Dock, or Scow, Deck Machinery, etc.

Class 4. Deck Equipment Operator, Machineryman/Fireman (4 Equipment Units or More); Off Road Trucks; Deck Hand, Tug Engineer, Crane Maintenance (50 Ton Capacity and Under) or Backhoe Weighing (115,000 pounds or less); Assistant Tug Operator.

Class 5. Friction or Lattice Boom Cranes.

SURVEY WORKER - Operated survey equipment including data collectors, G.P.S. and robotic instruments, as well as conventional levels and transits.

TERRAZZO FINISHER

The handling of sand, cement, marble chips, and all other materials that may be used by the Mosaic Terrazzo Mechanic, and the mixing, grinding, grouting, cleaning and sealing of all Marble, Mosaic, and Terrazzo work, floors, base, stairs, and wainscoting by hand or machine, and in addition, assisting and aiding Marble, Masonic, and Terrazzo Mechanics.

TRAFFIC SAFETY

Work associated with barricades, horses and drums used to reduce lane usage on highway work, the installation and removal of temporary lane markings, and the installation and removal of temporary road signs.

TRUCK DRIVER - BUILDING, HEAVY AND HIGHWAY CONSTRUCTION - EAST & WEST

Class 1. Two or three Axle Trucks. A-frame Truck when used for transportation purposes; Air Compressors and Welding Machines, including those pulled by cars, pick-up trucks and tractors; Ambulances; Batch Gate Lockers; Batch Hopperman; Car and Truck Washers; Carry-alls; Fork Lifts and Hoisters; Helpers; Mechanics Helpers and Greasers; Oil Distributors 2-man operation; Pavement Breakers; Pole Trailer, up to 40 feet; Power Mower Tractors; Self-propelled Chip Spreader; Skipman; Slurry Trucks, 2-man operation; Slurry Truck Conveyor Operation, 2 or 3 man; Teamsters; Unskilled Dumpman; and Truck Drivers hauling warning lights, barricades, and portable toilets on the job site.

Class 2. Four axle trucks; Dump Crets and Adgetors under 7 yards; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turnapulls or Turnatrailers when pulling other than self-loading equipment or similar equipment under 16 cubic yards; Mixer Trucks under 7 yards; Ready-mix Plant Hopper Operator, and Winch Trucks, 2 Axles.

Class 3. Five axle trucks; Dump Crets and Adgetors 7 yards and over; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turnatrailers or turnapulls when pulling other than self-loading equipment or similar equipment over 16 cubic yards; Explosives and/or Fission Material Trucks; Mixer Trucks 7 yards or over; Mobile Cranes while in transit; Oil Distributors, 1-man operation; Pole Trailer, over 40 feet; Pole and Expandable Trailers hauling material over 50 feet long; Slurry trucks, 1-man operation; Winch trucks, 3 axles or more; Mechanic--Truck Welder and Truck Painter.

Class 4. Six axle trucks; Dual-purpose vehicles, such as mounted crane trucks with hoist and accessories; Foreman; Master Mechanic; Self-loading equipment like P.B. and trucks with scoops on the front.

Other Classifications of Work:

For definitions of classifications not otherwise set out, the Department generally has on file such definitions which are available. If a task to be performed is not subject to one of the classifications of pay set out, the Department will upon being contacted state which neighboring county has such a classification and provide such rate, such rate being deemed to exist by reference in this document. If no neighboring county rate applies to the task, the Department shall undertake a special determination, such special determination being then deemed to have existed under this determination. If a project requires these, or any classification not listed, please contact IDOL at 217-782-1710 for wage rates or clarifications.

LANDSCAPING

Landscaping work falls under the existing classifications for laborer, operating engineer and truck driver. The work performed by landscape plantsman and landscape laborer is covered by the existing classification of laborer. The work performed by landscape operators (regardless of equipment used or its size) is covered by the classifications of operating engineer. The work performed by landscape truck drivers (regardless of size of truck driven) is covered by the classifications of truck driver.

MATERIAL TESTER & MATERIAL TESTER/INSPECTOR I AND II

Notwithstanding the difference in the classification title, the classification entitled "Material Tester I" involves the same job duties as the classification entitled "Material Tester/Inspector I". Likewise, the classification entitled "Material Tester II" involves the same job duties as the classification entitled "Material Tester/Inspector II".

SPECIAL PROVISION
FOR
ALTERNATE PROPOSAL

The Bidder certified that this bid and the unit prices shown on the schedule of prices are based on performing the work in accordance with "An Act Regulating the Wages of Laborers, Mechanics and other Workers employed under contracts for Public Works" enacted by the 62nd General Assembly and approved June 26, 1941, as amended. Should said "Act" be declared inoperative, void or unconstitutional at any time, either before or after the awarding of the contract for this project, the bidder agrees to perform the work at a reduction of __0__ per cent, of the unit prices shown on the schedule of prices, it being expressly understood and agreed that the within bid shall be and remain in full force and effect, regardless of whether the said "Act" is declared to be inoperative, void or unconstitutional. The contract for this project is to be awarded on the bases of the unit prices shown on the schedule of prices, and the percentage reduction, if any, act out in this alternative proposal, is to receive no consideration in the award of this contract.

Should the said "Act" be declared inoperative, void or unconstitutional at any time after the awarding of said contract, whether before, during or after the completion of the work, the said contract shall remain in full force and effect, and shall be subject only to said reduction, if any, in the unit prices shown on the schedule of prices.

NOTE: The Bidder shall insert in the first paragraph the percentage which he will reduce his unit prices, if any, in the event the Act is declared inoperable, void or unconstitutional.

ORDINANCE

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BE IT ENACTED BY THE BOARD OF COMMISSIONERS OF THE COUNTY OF COOK, that the Chief Procurement Officer of Cook County shall specify in the call for bids in any contract for public works that such contractors bidding on public works contracts of the County of Cook shall conform to Illinois Compiled Statutes, Chapter 30, Section 560/1 and following, which Act is entitled "An Act" to give preference in the construction of public works projects and improvements to citizens of the United States who have resided in Illinois for one year". The Chief Procurement Officer of Cook County in awarding the contract shall cause to be inserted in the contract a stipulation to the effect that the contractor shall conform to the above cited Illinois Statute.

SPECIAL PROVISION
FOR
RESPONSIBLE BIDDER REQUIREMENT

In accordance with the provisions of Section 30-22 (6) of the Illinois Procurement Code, the bidder certifies that it is a participant, either as an individual or as part of a group program, in the approved apprenticeship and training programs applicable to each type of work or craft that the bidder will perform with its own forces. The bidder further certifies for work that will be performed by subcontract that each of its subcontractors submitted for approved either (a) is, at the time of such bid, participating in an approved, applicable apprenticeship and training program; or (b) will, prior to commencement of performance of work pursuant to this centered, begin participation in an approved apprenticeship and training program applicable to the work of the subcontract. The Department, at any time before or after award, may require the production of a copy of each applicable Certificate of Registration issued by the United States Department of Labor evidencing such participation by the contractor and any or all of its Subcontractors. Applicable apprenticeship and training programs are those that have been approved and registered with the United Slates Department of Labor. The bidder shall list in the space below, the official name of the program sponsor holding the Certificate of Registration for all of the types of work or crafts in which the bidder is a participant and that will be performed with the bidder's forces. Types of work or craft work that will be subcontracted shall be included and listed as subcontract work. The list shall also indicate any type of work or craft job category that does not have an applicable apprenticeship or training program. The bidder is responsible for making a complete report and shall make certain that each type of work or craft job category that will be utilized on the project is accounted for and listed.

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The requirements of this certification and disclosure are a material part of the contract, and the contractor shall require this certification provision to be included in all approved subcontracts. In order to fulfill this requirement, it shall not be necessary that an applicable program sponsor be currently taking or that it will take applications for apprenticeship, training or employment during the performance of the work of this contract.

MINORITY AND WOMEN BUSINESS ENTERPRISES
COOK COUNTY ORDINANCE CHAPTER 34, DIVISION 8, SECTION 34-260 to SECTION 34-300

I. POLICY AND GOALS

A. It is the policy of the County of Cook to prevent discrimination in the award of or participation in County contracts and to eliminate arbitrary barriers for participation, as both prime and sub-contractors, in such contracts by local businesses certified as Minority Business Enterprises (MBE) and Women owned Business Enterprises (WBE). In furtherance of this policy, the Cook County Board of Commissioners has adopted a Minority and Women owned Business Enterprise Ordinance (the "Ordinance") which establishes goals as outlined below:

Contract Type	Goals	
	MBE	WBE
Goods and Services	25%	10%
Construction	24%	10%
Professional Services	35% Overall	

B. **The County may set contract specific goals for each contract, based on the commodities or services specified in this bid document. The MBE/WBE percentages required for this contract are 24% MBE and 10% WBE**. A Bid or Quotation shall be rejected if the County determines that a Bid or Quotation fails to comply with this provision, including but not limited to, commitments to achieve for this contract, the MBE/ WBE goals of the contract amount or to include a Petition for Reduction/Waiver documenting why the goals are not attainable despite the contractor's Good Faith Efforts. A Bid or Quotation may be rejected and a new Bid or Quotation may be solicited if the public interest is served thereby. Unless otherwise specified in the Bid or Quotation Documents, for purposes of this provision, the contract amount is the amount that has been entered on the Proposal page of the Bid or Quotation Documents.

C. Except to the extent that a Bid or Quotation includes a Reduction/Waiver request, the contract MBE and WBE participation goals may be achieved by the Bid or Quotation entities' status as a MBE or WBE; by entering into a joint venture with one or more MBEs and/or WBEs; by subcontracting a portion of the work to one or more MBEs and WBEs; by establishing and carrying out a mentor/protégé agreement; by the Indirect Participation of one or more MBEs and WBEs used by the entity submitting a Bid or Quotation in other aspects of its business; or by any combination of the foregoing so long as the Utilization Plan evidences a commitment to the MBE and WBE contract goals set forth in (B) above.

D. The same Business Enterprise, whether as a contractor, subcontractor or supplier, cannot be utilized as both a MBE and a WBE on the same contract.

E. To the extent that the Ordinance does not apply to this Bid or Quotation, unless specifically waived in the Bid or Quotation Documents, this provision and the wording of the Ordinance shall apply. If there is a conflict between this provision and the Ordinance or the wording of the Ordinance, the Ordinance or its wording controls.

F. A Contractor's failure to carry out its commitments in the course of the Contract's performance shall constitute a material breach of the Contract and if such breach is not appropriately cured, may result in the termination of the Contract or such remedy authorized by the Ordinance as the County deems appropriate.

II. REQUIRED BID OR QUOTATION SUBMITTALS

To be considered responsive, a Bid or Quotation shall meet the MBE and WBE goals by submitting a Utilization Plan with the Bid or Quotation, which shall be (1) supported by Letters of Intent from the MBEs and WBEs together with the MBEs/WBEs **current** Letters of Certification, and/or (2) include a written Petition for Reduction/Waiver with the Bid or Quotation supported by documentation of Good Faith Efforts to meet the goals. Failure to submit the documents set forth in (A) and (B) of this Section II in accordance with these guidelines will cause the Bid or Quotation to be considered non-responsive and shall be cause to reject the Bid or Quotation.

A. MBE/WBE Utilization Plan

Each Bid or Quotation shall include with the Bid or Quotation a complete Utilization Plan. The Utilization Plan shall list the names, mail and email addresses, telephone number and contact persons of businesses intended to be used as MBEs and WBEs on the Contract. If the entity submitting a Bid or Quotation, or any of its subcontractors, suppliers or consultants, are certified MBEs or WBEs they shall be identified as an MBE or WBE within the Utilization Plan.

1. Letter(s) of Intent

Except as set forth below, a Bid or Quotation shall include with its Utilization Plan, Letter(s) of Intent executed by each MBE and WBE included in the Utilization Plan and by the entity submitting the Bid or Quotation, which sets forth that each MBE and WBE intends to perform as a subcontractor, supplier, joint venture partner and/or consultant on the contract. The Letters of Intent must accurately detail the work to be performed by the MBE or WBE firm and the agreed rates and/or prices to be paid. Failure to submit all Letter(s) of Intent as required may result in the Contract Compliance Director's determination that a Bid or Quotation is not responsive and shall be cause to reject the Bid or Quotation.

All commitments made by a Bid or Quotation in its Utilization Plan must conform to those included in the submitted Letter(s) of Intent. The Contract Compliance Administrator reserves the right to request supplemental information regarding the Letter(s) of Intent submitted with a Bid or Quotation and such information shall be furnished. (Reference Economic Disclosure Section for a format sample of a Letter of Intent)

2. Letter(s) of Certification

Only **current** Letters of Certification from one of the following entities may be accepted as certification of MBE/WBE status:

- County of Cook
- City of Chicago (NOTE: firms certified by the City of Chicago in any area other than Construction must complete and submit a Personal Net Worth/Size Standard Affidavit. This form can be downloaded online at www.cookcountyil.gov/contractcompliance)

or any other governmental body or agency approved by the Contract Compliance Director as applying certification standards substantially similar to those applied by the County of Cook may also be accepted.

The Contract Compliance Director retains the right to reject the certification of any MBE or WBE on the ground that it does not meet the County's definition of a MBE or WBE.

3. Joint Venture Affidavit

In the event a Bid or Quotation achieves MBE and/or WBE participation by entering into a Joint Venture, the Bid or Quotation shall include the required Joint Venture Affidavit which can be downloaded online at www.cookcountyil.gov/contractcompliance). Such Joint Venture Affidavit shall be submitted with the Bid or Quotation along with **current** Letter(s) of Certification.

B. Reduction/Waiver Petition

In the event a Bid or Quotation is unable to meet the applicable contract MBE and WBE participation goals, the Bid or Quotation must include a Petition for Reduction/Waiver and submit the Petition with its Bid or Quotation. The Petition for Reduction/Waiver shall be supported with evidence and sufficient documentation to demonstrate the Bid's or Quotation's Good Faith Efforts in attempting to achieve the applicable MBE and WBE goals. Failure to submit a Petition for Reduction of Waiver as required may result in the Contract Compliance Director's determination that a Bid or Quotation is not responsive and shall be cause to reject the Bid or Quotation.

III. REDUCTION/WAIVER OF MBE/WBE GOALS

A. Granting a Reduction/Waiver Request.

1. The determination of the adequacy of the Good Faith Efforts to utilize MBEs and WBEs in a Bid or Quotation will be evaluated on the basis of the actions in attempting to achieve MBE and WBE participation goals set forth in the Bid or Quotation. Examples of actions constituting Good Faith Efforts for a Bid or Quotation are set forth within the Ordinance and in the "Petition for Reduction/Waiver of MBE/WBE Participation Goals" contained in the Bid or Quotation Documents.

2. The Contract Compliance Director may grant the Petition for Reduction/Waiver based upon the following criteria: (a) sufficient qualified MBEs and WBEs capable of providing the goods or services required by the contract are unavailable despite the good faith efforts of the contractor; (b) the specifications and the reasonable and necessary requirements for performing the contract make it impossible or economically infeasible to divide the contract into sufficiently small tasks or quantities to enable the contractor to utilize MBEs and WBEs in accordance with the applicable goals; (c) the price(s) required by any potential MBE or WBE is more that 10% above competitive levels; and (d) any other factor determined to be relevant by the Contract Compliance Director.

B. Denying a Reduction/Waiver Request.

1. If the Contract Compliance Director determines that a Bid or Quotation has not demonstrated adequate Good Faith Efforts to meet the applicable contract MBE and WBE goals, the Contract Compliance Director may deny a Petition for Reduction/Waiver and declare the Bid or Quotation non-responsive and recommend rejection of the Bid or Quotation.

2. Failure to undertake and/or to document adequate Good Faith Efforts shall be cause to deny a Petition for Reduction/Waiver. Determination of the adequacy of a Bid's or Quotation's Good Faith Effort will be evaluated on the basis of the Bid's or Quotation's actions as of the date of the Bid or Quotation opening.

MINORITY AND WOMEN BUSINESS ENTERPRISES
COOK COUNTY ORDINANCE CHAPTER 34, DIVISION 8, SECTION 34-260 to SECTION 34-300

IV. CHANGES IN CONTRACTOR'S UTILIZATION PLAN

A. Contractor, during its performance of the Contract, may not change the MBE or WBE commitments specified in its Utilization Plan, including but not limited to, terminating a MBE or WBE contract, reducing the scope of the work to be performed by a MBE/WBE, or decreasing the price to a MBE/WBE, except as otherwise provided by the Ordinance.

B. Where an enterprise under the Contact was previously considered to be a MBE or WBE but is later found not to be, or work is found not to be creditable toward the MBE or WBE goals as stated in the Utilization Plan, the Contractor shall seek to discharge the disqualified enterprise, upon proper written notification to the Contract Compliance Administrator, and make every effort to identify and engage a qualified MBE or WBE as its replacement. Failure to obtain a MBE or WBE replacement within 30 working days of the Contract Compliance Administrator's written approval of the removal of a MBE or WBE may result in the termination of the contract or the imposition of such remedy authorized by the Ordinance, unless a written Petition for Reduction/Waiver is granted to Contractor allowing Contractor to award the work to a non-MBE or WBE.

V. NON-COMPLIANCE

If the County determines that the Contractor has failed to comply with its contractual commitments or any portion of the Ordinance or this provision, the Contract Compliance Administrator will notify the Contractor of such noncompliance and may take any and all appropriate actions as set forth within the Ordinance.

VI. REPORTING/RECORD-KEEPING REQUIREMENTS

The Contractor is required to comply with the reporting and record-keeping requirements as set forth in the Ordinance and as established by the Contract Compliance Administrator. Upon award of a Contract, Contractor is responsible for acquiring all necessary County reporting and record-keeping forms which will be made available in the Office of Contract Compliance.

VII. EQUAL EMPLOYMENT OPPORTUNITY

Compliance with MBE and WBE requirements will not diminish or supplant Equal Employment Opportunity and Civil Rights provisions as required by law as they relate to contractor and subcontractor obligations.

Any questions regarding this section should be directed to:

Office of Contract Compliance
118 North Clark Street, Room 1020
Chicago, Illinois 60602
(312) 603-5502

Assist Agencies

ILLINOIS DEPARTMENT OF TRANSPORTATION
Bureau of Local Roads and Streets
201 West Center Court
Schaumburg, IL 60196
847-705-4795
847-705-4203 (Fax)
Moud.Ahmad@illinos.gov

Carnice Carey
Executive Director
Cosmopolitan Chamber of Commerce
30 E. Adams Street, Suite 1050
Chicago, IL 60603
312-786-0212
312-786-9079 (FAX)
ccarey@cosmochamber.com

Mr. Miguel Nogueras
Executive Director
Puerto Rican Chamber of Commerce
2450 West Division
Chicago, IL 60622
773-904-7996
773-583-3118 (FAX)

ILLINOIS ROAD BUILDERS
500 Park Boulevard
Itasca, IL 60143
630-773-1220
630-773-1231 (FAX)
Liz@irtba.org
Annette@irtba.org

TARGET GROUP, INC.
330 South Wells Street
Suite 400
Chicago, IL 60606
312-873-0200
312-873-0299 (FAX)
jwilliams@targetgroupinc.ocm

Ms. Sheila Hill Morgan
Executive Director
CHICAGO MINORITY SUPPLIER DEVELOPEMTN COUNCIL
(C.M.S.D.C.)
105 West Adams
Chicago, IL 60603
312-755-8880
312-755-8890 (FAX)
shillmorgan@chicagomsdc.org

Victor Davis
Contractor Development Program
CHICAGO URBAN LEAGUE
4510 South Michigan Avenue
Chicago, IL 60653
773-451-3559
773-285-7772 (FAX)
twatley@thechicagourbanleague.org

Ms. Beth Doria
FEDERATION of WOMEN CONTRACTORS
5650 South Archer Avenue
Chicago, IL 60638
312-360-1122
312-360-0239 (FAX)
fwcchicago@aol.com

Ms. Joyce Shannahan
Director
INDUSTRIAL COUNCIL of NEARWEST
2023 West Carroll Avenue
Chicago, IL 60612
312-421-3941
312-421-1871 (FAX)
joyce@industrialcouncil.com

D. Lorenzo Padron
Director of Procurement
LATIN AMERICAN CHAMBER of COMMERCE
3512 West Fullerton Avenue
Chicago, IL 60647
773-252-5211
773-252-7065 (FAX)
randrade@latinamericanchamberofcommerce.com

Mr. Frank Aguilar
President
LITTLE VILLAGE 26th STREET AREA CHAMBER OF COMMERCE
3610 West 26th Street
Chicago, IL 60623
773-521-5387
312-521-5387 (FAX)
senortamale@msn.com

Perry Gunn
Executive Director
NORTH RIVER COMMISSION/LADCOR
3403 West Lawrence – Suite 201
Chicago, IL 60625
773-478-0202
773-478-0282

Ms. Angela R. Johnson
National Director of International Trade Bureau
RAINBOW P.U.S.H.
930 East 50th Street
Chicago, IL 60615
773-373-3366
312-373-3571 (FAX)
mturner@rainbowpush.org

Ms. Patricia Showers
Executive Director
UPTOWN CENTER/HULL HOUSE
4520 North Beacon
Chicago, IL 60640
773-561-3500
312-561-3507 (FAX)
croeschley@hullhouse.org

Ms. Emilia DiMenco
Chief Operating Officer
WOMEN'S BUSINESS DEVELOPMENT CENTER
8 South Michigan
Suite 400
Chicago, IL 60604
312-853-3477
312-853-0145 (FAX)
edimenco@wbdc.org

Sharah Garrett
American Council of Engineering Companies of Illinois (ACEC Illinois)
5221 South 6th Street Road
Suite 120
Springfield, IL 62703
217-529-7430
sharah@acecil.org

Cook County Departments

Cook County Office of the Chief Procurement Officer
118 N. Clark Street – Room 1018
Chicago, Illinois 60602
312-603-6129

Cook County Department of Transportation and Highways
Contract Documents Administrator
69 W. Washington Street – Suite 2400
Chicago, Illinois 60602
312-603-1830

Cook County Office of Contract Compliance
118 North Clark Street
10th Floor
Chicago, Illinois 60602
312-603-5502

COOK COUNTY

DEPARTMENT OF TRANSPORTATION AND HIGHWAYS

SPECIAL PROVISION
FOR
SPECIFIC EQUAL EMPLOYMENT OPPORTUNITY RESPONSIBILITIES
NONFEDERAL-AID CONTRACTS

1) General

a) The requirements set forth herein shall constitute the specific affirmative action requirements under this contract and supplement the non-discrimination requirements contained elsewhere in this proposal.

b) The contractor will work with the Cook County Department of Transportation and Highways in carrying out Equal Employment Opportunity (EEO) obligations and in their reviews of activities under the contract.

c) The contractor, and all subcontractors holding subcontracts (not including material suppliers) of $10,000.00 or more, will comply with the following minimum specific requirement activities of equal employment opportunity the contractor will include these requirements in every subcontract of $10,000.00 or more with such modification of language as is necessary to make them binding on the subcontractor.

2) Equal Employment Opportunity Policy

The contractor will accept as operating policy the following statement which is designed to further the provision of Equal Employment Opportunity to all persons, and to promote the full realization of equal employment opportunity through a positive continuing program:

"It is the policy of this company to ensure that applicants are employed, and that employees are treated during employment without regard to their race, religion, sex, color, national origin, age or disability. Such action shall include: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship, preapprenticeship, and/or on-the-job training."

3) Equal Employment Opportunity Officer

The contractor will designate and make known to the Cook County Department of Transportation and Highways contracting officers an EEO officer who will have the responsibility for and must be capable of effectively administering and promoting an active contractor program of Equal Employment Opportunity and who must be assigned adequate authority and responsibility to do so.

4) Dissemination of Policy

a) All members of the contractor's staff who are authorized to hire, supervise, promote and discharge employees, or who recommend such action, or who are substantially involved in such action, will

be made fully cognizant of, and will implement, the contractor's EEO policy and contractual responsibilities to provide Equal Employment Opportunity in each grade and classification of employment, to ensure that the above agreement will be met, the following actions will be taken.as a minimum:

(1) periodic meetings of supervisory and personnel office employees will be conducted before the start of work and then not less often than once every six months, at which time the contractor's EEO policy and its implementation will be reviewed and explained. The meetings will be conducted by the EEO officer.

(2) All new supervisory or personnel office employees will be given a thorough indoctrination by the EEO officer, covering all major aspects of the contractor's EEO obligations within thirty (30) days following their reporting for duty with the contractor.

(3) All personnel who are engaged in direct recruitment for the project will be instructed by the EEO officer in the contractor's procedures for locating and hiring minority and female employees.

b) In order to make the contractor's EEO policy known to all employees, prospective employees and potential sources of employees, i.e., schools, employment agencies, labor unions (where appropriate), college placement officers, etc., the contractor will take the following actions:

(1) Notices and posters setting forth the contractor's EEO policy will be placed in areas readily accessible to employees, applicants for employment and potential employees.

(2) The contractor's EEO policy and the procedures to implement such policy will be brought to the attention of employees by means of meetings, employee handbooks, or other appropriate means.

5) Recruitment

a) When advertising for employees, the contractor will include in all advertisements for employees the notation: "an Equal Opportunity Employer". All such advertisements will be published in newspapers, or other publications, having a large circulation among minority groups in the area from which the project work force would normally be derived.

b) The contractor will, unless precluded by a valid bargaining agreement, conduct systematic and direct recruitment through public and private employee referral sources likely to yield qualified minority and female applicants; including, but not limited to, state employment agencies, schools, colleges and minority and female organizations. To meet this requirement, the contractor will identify sources of potential minority and female employees, and establish with such identified sources procedures whereby minority and female applications may be referred to the contractor for employment consideration.

In the event the contractor has a valid bargaining agreement providing for exclusive hiring hall referral, he is expected to observe the provisions of that agreement to the extend that the system permits the contractor's compliance with eeo contract provisions.

c) The contractor will encourage present employees to refer minority and female applicants for employment by posting appropriate notices or bulletins in areas accessible to all such employees. In addition, information and procedures with regard to referring minority and female applicants will be discussed with employees.

6) Personnel Actions

Wages, working conditions, and employee benefits shall be established and administered, and personnel actions of every type, including hiring, upgrading, promotion, transfer, demotion, layoff, and terminations, will be taken without regard to race, color, religion, sex, national origin, age or disability. The following procedures shall be followed:

a) The contractor will conduct periodic inspections of project sites to insure that working conditions and employee facilities do not indicate discriminatory treatment of project site personnel.

b) The contractor will periodically evaluate the spread of wages paid within each classification to determine any evidence of discriminatory wage practices.

c) The contractor will periodically review selected personnel actions in depth to determine whether there is evidence of discrimination. Where evidence is found, the contractor will promptly take corrective action. If the review indicates that the discrimination may extend beyond the actions reviewed, such corrective action shall include all affected persons.

d) The contractor will promptly investigate all complaints of alleged discrimination made to the contractor in connection with the obligations under this contract, will attempt to resolve such complaints, and will take appropriate corrective action within a reasonable time. If the investigation indicates that the discrimination may affect persons other than the complainant, such corrective action shall include such other persons. Upon completion of each investigation, the contractor will inform every complainant of all of the avenues of appeal.

7) Training and Promotion

a) The contractor will assist in locating, qualifying and increasing the skills of minority and female employees and applicants for employment.

b) Consistent with the contractor's work force requirements and as permissible under federal and state regulations, the contractor shall make full use of training programs, i.e., apprenticeship, and on-the-job training programs for the geographical area of contract performance.

c) The contractor will advise employees and applicants for employment of available training programs and entrance requirements for each.

d) The contractor will periodically review the training and promotion potential of minority and female employees and will encourage eligible employees to apply for such training and promotion.

Unions

If the contractor relies in whole or in part upon unions as a source of employees, the contractor will use their best efforts to obtain the cooperation of such unions to increase opportunities form minorities and females within the unions and to effect referrals by such unions of minority and female employees. Actions by the contractor, either directly or through a contractor's association acting as agent, will include the procedures set forth below:

e) The contractor will use best efforts to develop, in cooperation with the unions. Joint training programs aimed toward qualifying more minority and female employees for membership in the unions and increasing the skills of minority and female employees so that they may qualify for higher paying employment.

f) The contractor will use best efforts to incorporate an EEO clause into each union agreement to the end that such union will be contractually bound to refer applicants without regard to their race, color, religion, sex, national origin, age or disability.

g) The contractor is to obtain information as to the referral practices and policies of the labor union except that to the extent such information is within the exclusive possession of the labor union and such labor union refuses to furnish such information to the contractor, the contractor shall so certify to the Cook County Department of Transportation and Highways and shall set forth what efforts have been made to obtain such information.

h) In the event the union is unable to provide the contractor with a reasonable flow of minority and female referrals within the time limit set forth in the collective bargaining agreement, the contractor will, through independent recruitment efforts, fill the employment vacancies without regard to race, color, religion, sex, national origin, age or disability; making full efforts to obtain qualified and/or qualifiable minorities and females. (The U.S. Department of Labor has held that it shall be no excuse that the union with which the contractor has a collective bargaining agreement providing for exclusive referral failed to refer minorities or female employees). In the event the union referral practice prevents the contractor from meeting the obligations pursuant to these special provisions, such contractor shall immediately notify the Cook County Department of Transportation and Highways.

8) Selection of subcontractors, procurement of materials and leasing of equipment

The contractor shall not discriminate on the grounds of race, color, religion, sex, national origin, age or disability in the selection and retention of subcontractors, including procurement of materials and leases of equipment.

a) The contractor shall notify all potential subcontractors and suppliers of his/her EEO obligation under this contract.

b) Minority and Women Owned Business Enterprises, shall have equal opportunity to compete for and perform subcontracts which the contractor enters into pursuant to this contract. The contractor will use best efforts to solicit bids from and to utilize M/WBE subcontractors or subcontractors with meaningful minority and female representation among their employees.

c) The contractor will use his/her best efforts to ensure subcontractor compliance with their EEO obligations.

9) Records and reports

The contractor shall keep such records as necessary to document compliance with the EEO requirements. Such records shall be retained for a period of three (3) years following completion of the contract work and shall be available at reasonable times and places for inspection by authorized representatives of the Cook County Department of Transportation and Highways.

a) The records kept by the contractor shall document the following:

(1) The number of minorities, non-minorities and females employed in each work classification on the project.

(2) The progress and efforts being made in cooperation with unions, when applicable, to increase employment opportunities for minorities and females;

(3) The progress and efforts being made in locating, hiring, training, qualifying, and upgrading minority and female employees; and,

(4) The progress and efforts being made in securing the services of DBE subcontractors or subcontractors with meaningful minority and female representation among their employees.

b) The contractor will submit to the Cook County Department of Transportation and Highways a monthly report every month for the duration of the project, indicating the number of minority, non-minority and female employees currently engaged in each work classification required by contract work and the number of hours worked. This information is to be reported on form SBE-956. If on-the-job training is being required by special provision, the contractor will be required to collect and report training data.

Notice of requirement for affirmative
Action to ensure equal employment
Opportunity (executive order 11246)

(1) The offeror's or bidder's attention is called to the "equal opportunity clause" and the "standard federal equal employment opportunity construction contract specifications" set forth herein.

(2) The goals and timetables for minority and female participation, expressed in percentage terms for the contractor's aggregate workforce in each trade on all construction work in the covered area, are as follows:

APPENDIX A

The following goal for female utilization in each construction craft and trade shall apply to all contractors holding federal and federally assisted construction contracts and subcontracts in excess of $10,000.00. The goal is applicable to the contractor's total on-site construction workforce, regardless of whether or not part of that workforce is performing work on a federal, federally assisted or nonfederally related construction contract or sub contract. Area covered (statewide) goals for women apply nationwide.

Goal	Goal (Percentage)
Female Utilization	6.9

APPENDIX B

Until further notice, the following goals for minority utilization in each construction craft and trade shall apply to all contractors holding federal or federally-assisted construction contracts and subcontracts in excess of $10,000.00 to be performed in the respective geographical areas. The goals are applicable to the contractor's total on-site construction workforce, regardless of whether or not part of that workforce is performing work on a federal, federally-assisted or nonfederally related construction contract or subcontract.

Economic area	Goal (percent)
083 Chicago, IL	
Smsa Counties:	
1600 Chicago, IL -	
IL - Cook, DuPage, Kane,	
Lake, Mchenry, Will	19.6

These goals are applicable to all the contractor's construction work (whether or not it is federal or federally assisted) performed in the covered area. If the contractor performs construction work in a geographical area located outside of the covered area, it shall apply the goals established for such geographical area where the work is actually performed. With regard to this second area, the contractor also is subject to the goals for both its federally involved and nonfederally involved construction. The contractor's compliance with executive order and the regulations in 41 cfr part 60-4 shall be based on its implementation of the equal opportunity clause, specific affirmative action obligations required by the provisions and specifications set forth in its federally assisted contracts, and its efforts to meet the goals established for the geographical area where the contract resulting from this solicitation is to be performed. The hours of minority and female employment and training must be substantially uniform throughout the length of the contract, and in each trade, and the contractor shall make a good faith effort to employ minorities and women evenly on each of its projects. The transfer of minority of female employees or trainees from contractor to contractor or from project to project for the sole purpose of meeting the contractor's goals shall be a violation of the contract, the executive order and the regulations in 41 cfr part 60-4. Compliance with the goals will be measured against the total work hours performed.

(3) As used in this notice, and in the contract resulting from this solicitation, the "covered area" is the entire state of Illinois for the goal set forth in **Appendix A** and the county or counties in which the work is located for the goals set forth in **Appendix B**.

Standard federal equal employment
Opportunity construction contract
Specifications (executive order 11246)

1) As used in these specifications:

   a) "covered area" means the geographical area described in the solicitation from which this contract resulted;

   b) "director" means director, office of federal contract compliance programs, united states department of labor, or any person to whom the director delegates authority;

   c) "employer identification number" means the federal social security number used on the employer's quarterly federal

      Tax return, U.S. Treasury Department form 941.

   d) "minority" includes:

      i) Black (all persons having origins in any of the black African racial groups not of Hispanic origins);

      ii) Hispanic (all persons of Mexican, Puerto Rican, Cuban, central or south American or other Spanish culture or origin, regardless of race);

      iii) Asian and pacific islander (all persons having origins in any of the original peoples of the far east, southeast Asia, the Indian subcontinent, or the pacific islands); and

      iv) American Indian or Alaskan native (all persons having origins in any of the original peoples of north America and maintaining identifiable tribal affiliations through membership and participation or community identification).

2) Whenever the contractor, or any subcontractor at any tier, subcontracts a portion of the work involving any construction trade, it shall physically include in each subcontract in excess of $10,000.00 the provisions of these specifications and the notice which contains the applicable goals for minority and female participation and which is set forth in the solicitations from which this contract resulted.

3) If the contractor is participating (pursuant to 41 cfr 60-4.5) in a hometown plan approved by the U. S. Department of Labor in the covered area wither individually or through an association, its affirmative action obligations on all work in the plan area (including goals and timetables) shall be in accordance with that plan for those trades which have unions participating in the plan. Contractors must be able to demonstrate their participation in and compliance with the provisions of any such hometown plan. Each contractor or subcontractor participating in an approved plan is individually required to comply with its obligations under the EEO clause, and to make a good faith effort to achieve each goal under the plan in each trade in which it has employees. The overall good faith performance by other contractors or subcontractors toward a goal in an approved plan does not excuse any covered contractor's or subcontractor's failure to take good faith efforts to achieve the plan goals and timetables.

4) The contractor shall implement the specific affirmative action standards provided in paragraphs 7a through p of these specifications. The goals set forth in the solicitation from which this contract

resulted are expressed as percentages of the total hours of employment and training of minority and female utilization the contractor should reasonably be able to achieve in each construction trade in which it has employees in the covered area. Covered construction contractors performing construction work in geographical areas where they do not have a federal or federally assisted construction

Contract shall apply the minority and female goals established for the geographical area where the work is being performed. Goals are published periodically in the federal register in notice form, and such notices may be obtained from any office of federal contract compliance programs office or from federal procurement contracting officers. The contractor is expected to make substantially uniform progress toward its goals in each craft during the period specified.

5) Neither the provisions of any collective bargaining agreement, nor the failure by a union with whom the contractor has a collective bargaining agreement, to refer either minorities or women shall excuse the contractor's obligations under these specifications, executive order 11246, or the regulations promulgated pursuant thereto.

6) In order for the nonworking training hours of apprentices and trainees to be counted in meeting the goals, such apprentices and trainees must be employed by the contractor during the training period, and the contractor must have made a commitment to employ the apprentices and trainees at the completion of their training, subject to the availability of employment opportunities. Trainees must be trained pursuant to training programs approved by the U.S. Department of Labor.

7) The contractor shall take specific affirmative actions to ensure equal employment opportunity. The evaluation of the contractor's compliance with these specifications shall be based upon its effort to achieve maximum results from its actions. The contractor shall document these efforts fully, and shall implement affirmative action steps at least as extensive as the following:

   a) Ensure and maintain a working environment free of harassment, intimidation, and coercion at all sites, and in all facilities at which the contractor's employees are assigned to work. The contractor, where possible, will assign two or more women to each construction project. The contractor shall specifically ensure that all foremen, superintendents, and other on-site supervisory personnel are aware of and carry out the contractor's obligation to maintain such a working environment, with specific attention to minority or female individuals working at such sites or in such facilities.

   b) Establish and maintain a current list of minority and female recruitment sources, provide written notification to minority and female recruitment sources and to community organizations when the contractor or its unions have employment opportunities available, and maintain a record of the organizations' responses.

   c) Maintain a current file of the names, addresses and telephone numbers of each minority and female off-the street applicant and minority or female referral from a union, a recruitment source or community organization and of what action was taken with respect to each such individual. If such individual was sent to the union hiring hall for referral and was not referred back to the contractor by the union or, if referred, not employed by the contractor, this shall be documented in the file with the reason therefore, along with whatever additional actions the contractor may have taken.

   d) Provide immediate written notification to the director when the union or unions with which the contractor has a collective bargaining agreement has not referred to the contractor a minority

person or woman sent by the contractor, or when the contractor has other information that the union referral process has impeded the contractor's efforts to meet its obligations.

e) Develop on-the-job training opportunities and/or participate in training programs for the area which expressly include minorities and women, including upgrading programs and apprenticeship and trainee programs relevant to the contractor's employment needs, especially those programs funded or approved by the Department of Labor. The contractor shall provide notice of these programs to the sources complied under 7b above.

f) Disseminate the contractor's eeo policy by providing notice of the policy to unions and training programs and requesting their cooperation in assisting the contractor in meeting its eeo obligations; by including it in any policy manual and collective bargaining agreement; by publicizing it in the company newspaper, annual report, etc.; by specific review of the policy with all management personnel and with all minority and female employees at least once a year; and by posting the company eeo policy on bulletin boards accessible to all employees at each location where construction work is performed.

g) Review, at least annually, the company's EEO policy and affirmative action obligations under these specifications with all employees having any responsibility for hiring, assignment, layoff, termination or other employment decisions including specific review of these items with onsite supervisory personnel such as superintendents, general foremen, etc., prior to the initiation of construction work at any job site. A written record shall be made and maintained identifying the time and place of these meetings, persons attending, subject matter discussed, and disposition of the subject matter.

h) Disseminate the contractor's EEO policy externally by including it in any advertising in the news media, specifically including minority and female news media, and providing written notification to and discussing the contractor's eeo policy with other contractors and subcontractors with whom the contractor does or anticipates doing business.

i) Direct its recruitment efforts, both oral and written, to minority, female and community organizations, to schools with minority and female students and to minority and female recruitment and training organizations serving the contractor's recruitment area and employment needs. Not later than one month prior to the date for the acceptance of applications for apprenticeship of other training by any recruitment source, the contractor shall send written notifications such as the above, describing the openings, screening procedures, and test to be used in the selection process.

j) Encourage present minority and female employees to recruit other minority persons and women and, where reasonable, provide after school, summer and vacation employment to minority and female youth both on the site and in other areas of a contractor's workforce.

k) Validate all tests and other selection requirements here there is an obligation to do so under 41 cfr part 60-3.

l) Conduct, at least annually, an inventory and evaluation at least of all minority and female personnel for promotional opportunities and encourage these employees to seek or to prepare for, through appropriate training, etc., such opportunities.

m) Ensure that seniority practices, job classifications, work assignments and other personnel practices, do not have a discriminatory effect by continually monitoring all personnel and employment related activities to ensure that the EEO policy and the contractor's obligations under these specifications are being carried out.

n) Ensure that all facilities and company activities are nonsegregated except that separate or single-user toilet and necessary changing facilities shall be provided to assure privacy between the sexes.

o) Document and maintain a record of all solicitations of offers for subcontracts from minority and female construction contractors and suppliers, including circulation of solicitations to minority and female contractor associations and other business associations.

p) Conduct a review, at least annually, of all supervisors' adherence to and performance under the contractor's EEO policies and affirmative action obligations.

8) Contractors are encouraged to participate in voluntary associations which assist in fulfilling one or more of their affirmative action obligations (7a through p). The efforts of a contractor association, joint contractor-union, contractor-community , or other similar group of which the contractor is a member and participant, may be asserted as fulfilling any one or more of its obligations under 7a through p of these specifications provided that the contractor actively participates in the group, makes every effort to assure that the group has a positive impact on the employment of minorities and women in the industry, ensures that the concrete benefits of the program are reflected in the contractor's minority and female workforce participation, make a good faith effort to meet its individual goals and timetables, and can provide access to documentation which demonstrates the effectiveness of actions taken on behalf of the contractor. The obligation to comply however is the contractor's and failure of such a group to fulfill and obligation shall not be a defense for the contractor's noncompliance.

9) A single goal for minorities and a separate single goal for women have been established. The contractor, however, is required to provide equal employment opportunity and to take affirmative action for all minority groups, both male and female, and all women, both minority and non-minority. Consequently, the contract may be in violation of the executive order if a particular group is employed in a substantially disparate manner, (for example, even though the contractor has achieved its goal for women generally, the contractor may be in violation of the executive order if a specified minority group of women is underutilized).

10) The contractor shall not use the goals and timetables of affirmative action standards to discriminate against any person because of race, color, religion, sex, or national origin.

11) The contractor shall not enter into any subcontract with any person or firm debarred from government contracts pursuant to executive order 11246.

12) The contractor shall carry out such sanctions and penalties for violation of the specifications and of the equal opportunity clause, including suspension, termination and cancellation of existing subcontracts, as may be imposed or ordered pursuant to executive order 11246, as amended and its implementing regulations, by the office of federal contract compliance programs. Any contractor who fails to carry out sanctions and penalties shall be in violation of these specifications and executive order 11246, as amended.

13) The contractor, in fulfilling its obligations under these specifications, shall implement specific affirmative action steps, at least as extensive as those standards prescribed in paragraph 7 of these specifications, so as to achieve maximum results from its efforts to ensure equal employment opportunity. If the contractor fails to comply with the requirements of the executive order, the implementing regulations, or these specifications, the director shall proceed in accordance with 41 cfr 60-4.8.

14) The contractor shall designate a responsible official to monitor all employment related activity to ensure that the company EEO policy is being out, to submit reports relating to provisions hereof as may be required by the government and to keep records. Records shall at least include for each employee the name, address, telephone numbers, construction assigned, social security number, race, sex, status (e.g., mechanic, apprentice, trainee, helper, or laborer), dates of changes of status, hours worked per week in the indicated trade, rate of pay, and locations at which the work was performed. Records shall be maintained in an easily understandable and retrievable form; however, to the degree that existing records satisfy this requirement, contractors shall not be required to maintain separate records.

15) Nothing herein provided shall be construed as a limitation upon the application of other laws which establish standards of compliance or upon the application requirements for the hiring of local or other area residents (e.g., those under the Public Works Employment Act of 1977 and the Community Development Block Grant Program).

SPECIAL PROVISION
FOR
INSURANCE REQUIREMENTS

Within fourteen (14) days of notification of award, the bidder shall, at its cost, procure and maintain insurance with coverage in amounts not less than (i) governing law, (ii) as specified herein, or (iii) as actually maintained by Contractor. The cost to the Contractor for providing this insurance coverage shall be considered as included in the cost of the contract.

Nothing contained in these insurance requirements is to be construed as limiting the extent of the Contractor's responsibility for payment of damages resulting from its operations under this Contract.

Contractor shall require all subcontractors to provide the insurance required in this Agreement, or Contractor may provide said coverage for subcontractors. All subcontractors are subject to the same insurance requirements as Contractor unless specified otherwise.

The Cook County Department of Risk Management maintains the right to modify, delete, alter or change these requirements.

The Contractor shall maintain insurance as set forth below.

A. Workers Compensation Insurance

In accordance with the Laws of the State of Illinois and including Employer's Liability Insurance with limits not less than the following:

The Workers Compensation policy shall also include the following provisions:

Bodily Injury by accident	$1,000,000 each accident
Bodily Injury by Disease	$1,000,000 policy limit
Bodily Injury by Disease	$1,000,000 each employee

B. Commercial General Liability Insurance

For bodily injury, personal injury and property damage on an occurrence form (ISO Form CG 0001 or equivalent) with limits not less than the following:

Each Occurrence	$1,000,000
General Aggregate per Project	$2,000,000
Products – Completed Operations Aggregate	$2,000,000

i) All Premises and Operations.

ii) Explosion, collapse and underground damage.

iii) Contractual liability for the obligations assumed in the Indemnification and Hold Harmless agreement.

iv) Contractor's Protective coverage for independent contractors or subcontractors employed by Contractor.

Such policy must contain (i) ISO Additional Insured Endorsements CG 2010 **and** CG 2037 or equivalent, and (ii) severability of interest/separation of insured clause. The products and completed operations coverage (including ISO Endorsement CG 2037 or equivalent) must be maintained for a period of two years after final acceptance of the Project.

C. Commercial Automobile Liability Insurance

For bodily injury and property damage arising from the ownership, maintenance or use of owned, hired and non-owned vehicles (ISO Form CA 00 01 or equivalent) with a limit no less than $1,000,000 per accident.

Cook County, its officials and employees shall be listed as additional insured with respect to operations performed.

D. Excess Liability

Such policy shall be excess over Commercial General Liability, Automobile Liability, and Employer's Liability with limits not less than the following amounts:

Each Occurrence:	$5,000,000
General Aggregate per Project:	$5,000,000

Cook County, its officials and employees shall be listed as additional insured with respect to operations performed.

If the policy is a 'claims made' form or if any coverage under this policy is written as 'claims made', coverage will be maintained for two (2) years after project completion.

Additional Insured

The required insurance policies, with the exception of the Workers Compensation, must name **Cook County, its officials and employees as additional insured,** with respect to operations performed. The Commercial General Liability policy shall specifically include **ISO Additional Insured Endorsements CG 2010 and CG 2037 or**

equivalent. Contractor's insurance shall be primary and non-contributory with any insurance maintained by such additional insured.

No other form will be accepted without prior approval of the Cook County Department of Transportation and Highways. All liability policies shall entirely delete ISO endorsements CG21 39 10 93 or similar endorsement or policy provision which limit contractual liability.

As part of the provisions and requirement for this project, other entities may be required to be added as an "additional insured" on the liability insurance of the Contractor. The Contractor shall assure these entities are included as additional insured.

Qualification of Insurers

All insurers must possess an A.M. Best rating of A- VII or better and be authorized to do business in Illinois. The insurance limits required herein may be satisfied by a combination of primary, umbrella and/or excess liability insurance policies. Companies with ratings lower than (A-) or VII will be acceptable only upon written consent of Superintendent of Transportation and Highways. Upon written request from the Superintendent of Transportation and Highways, Contractor must supply certified copies of the required insurance policies within ten (10) days.

Certificates of Insurance

Within fourteen (14) days of notification of award, the Contractor must provide properly completed certificates of insurance on Acord forms which evidence the required insurance. The certificates must specifically list each of the required additional insured and specify that Waiver of Subrogation Endorsements apply. The certificates must be accompanied by the required Commercial General Liability ISO Additional Insured Endorsements CG 2010 **and** CG 2037 (or equivalent).

The receipt of any certificate of insurance does not constitute agreement by the County that the insurance requirements have been fully met or that the insurance policies indicated on the certificate of insurance are in compliance with the insurance required above. Coverage shall be in companies subject to approval of the County.

In no event shall any failure of the County to receive certificates of insurance required hereof or to demand receipt of such Certificates of Insurance be construed as a waiver of Contractor's obligations to obtain insurance pursuant to these insurance requirements. The certificates shall also include the following: **The coverage and limits conform to the minimum required by Article 107.27 of**

the Illinois Department of Transportation Standard Specifications for Road and Bridge Construction.

Notice of Cancellation or Non-Renewal

Contractor shall provide the Superintendent of Highways and Transportation with thirty (30) days advance written notice in the event any required insurance will be cancelled, materially reduced or non-renewed. Contractor shall secure replacement coverage to comply with the stated insurance requirements and provide new certificates of insurance to the Superintendent of Transportation and Highways. .

In the event the insurance is cancelled before the completion of the project, the County shall reserve its rights under the contract, including but not limited to its rights under Article 108.07 of the Standard Specifications For Road and Bridge Construction, to order the job shut down until the Contractor obtains the required insurance in the amounts stated herein or, the County may obtain the coverage required and then shall deduct the appropriate premium cost from the monies due the Contractor.

Property Insurance

Contractor is responsible for all loss or damage to personal property (including materials, equipment, tools and supplies) owned, rented or used by Contractor.

RWDUN-1 OP ID: KC

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 01/06/2015

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER
Welble & Cahill
2300 Cabot Drive, Suite 100
Lisle, IL 60532
William P. Welble

CONTACT NAME:
PHONE (A/C, No, Ext): FAX (A/C, No):
E-MAIL ADDRESS:

INSURER(S) AFFORDING COVERAGE	NAIC #
INSURER A : XL Insurance America, Inc.	24554
INSURER B : Commerce & Industry Ins Co	
INSURER C : Greenwich Insurance Company	22322
INSURER D :	
INSURER E :	
INSURER F :	

INSURED R.W. Dunteman Company
600 S Lombard Rd
Addison, IL 60101-4206

COVERAGES CERTIFICATE NUMBER: REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	GENERAL LIABILITY X COMMERCIAL GENERAL LIABILITY CLAIMS-MADE X OCCUR X XCU Included X RR Excl. Deleted GEN'L AGGREGATE LIMIT APPLIES PER: POLICY X PRO-JECT LOC	X	X	CGS740003603	03/31/2014	03/31/2015	EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG	$ 1,000,000 $ 300,000 $ 10,000 $ 1,000,000 $ 2,000,000 $ 2,000,000
A	AUTOMOBILE LIABILITY X ANY AUTO ALL OWNED AUTOS SCHEDULED AUTOS X HIRED AUTOS X NON-OWNED AUTOS	X	X	CAH740003703	03/31/2014	03/31/2015	COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (PER ACCIDENT)	$ 1,000,000 $ $ $
B	X UMBRELLA LIAB X OCCUR EXCESS LIAB CLAIMS-MADE DED X RETENTION $ 10,000	X	X	BE044158454	03/31/2014	03/31/2015	EACH OCCURRENCE AGGREGATE	$ 25,000,000 $ 25,000,000
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? Y/N N (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	N/A	X	CWG740003603	03/31/2014	03/31/2015	X WC STATU-TORY LIMITS OTH-ER E.L. EACH ACCIDENT E.L. DISEASE - EA EMPLOYEE E.L. DISEASE - POLICY LIMIT	$ 1,000,000 $ 1,000,000 $ 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)

Re: RWD Job #1430, Hintz Road, Elmhurst Rd to Milwaukee Ave and Hintz Rd at Ecko Lake (West of Wheeling Rd), Section Numbers 14-A5416-03-RP and 14-A5416-04-BR, Route No: A54 Township: Wheeling, Cook County Procurement Contract No: 1428-14143 *See Page 2 for Additional Insured Information
*Per CG2010(04/13), CG2037(04/13) and XIL424(06/05)

OK TW

CERTIFICATE HOLDER COOKCO1

Cook County Department
of Transportation
69 W. Washington St Ste 2260
Chicago, IL 60602

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Leigh Ann Francis

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NOTEPAD:	HOLDER CODE COORCO1	RWDUN-1	PAGE 2
	INSURED'S NAME R.W. Dunteman Company	OP ID: KC	Date 01/06/2015

Re: RWD Job #1430, Hintz Road, Elmhurst Rd to Milwaukee Ave and Hintz Rd at Ecko Lake (West of Wheeling Rd), Section Numbers 14-A5416-03-RP and 14-A5416-04-BR, Route No: A54 Township: Wheeling, Cook County Procurement Contract No: 1428-14143

Primary & Non-Contributory Additional Insured on General Liability, Auto and Umbrella and Waiver of Subrogation on General Liability, Auto, Umbrella and Workers Compensation:

-Cook County Department of Transportation, its officials and employees

*The coverage and limits conform to the minimum required by Article 107.27 of the Illinois Department of Transportation Standard Specifications for Road and Bridge Construction

HUDSON
INSURANCE GROUP®

HUDSON RAILROAD PROTECTIVE LIABILITY GROUP

A voluntary membership organization whose principal office is:
4323 Warren Street, NW, Washington, D.C. 20016-2437

POLICY CERTIFICATE

THIS POLICY CERTIFICATE IS ISSUED UNDER MASTER POLICY NUMBER 201401
ISSUED TO HUDSON RAILROAD PROTECTIVE LIABILITY GROUP

Policy Number: RRP4291601881

Named Insured: Canadian National (CN)/Wisconsin Central (WC)
and its affiliates including Designated Employees and:

1) Any subsidiary company of such organization, including any subsidiary company thereof existing at the effective date of this policy, or acquired during the "Policy Period."

2) Any other company controlled and actively managed by such organization or other subsidiary thereof at the effective date of this policy, or upon the acquisition of the control, and active management thereof if acquired during the "Policy Period."

Named Insured Mailing Address: 17641 South Ashland Avenue Homewood, IL 60430
Contractor Name: R.W. Dunlemian Company
Contractor Address: 600 S Lombard Rd Addison, IL 60101
Project Work: Provide diamond grinding of existing P.C.C. Pavement along Hintz Rd between Elmhurst Rd to Milwaukee Ave, and Pavement repair with P.C. Concrete pavement (10 in.) or Class B Patches (10 in.) type as required. Work also includes removal and replacement of damaged P.C. Concrete Curb and Gutter, as required, Crack and Joint Routing and Sealing, as required, Median removal and replacement, as required, Traffic protection, Drainage repairs and adjustments, as required and removal and replacement of Traffic Signal Detector loops and reflective pavement ma as required. Also included is removal of Hot-Mix Asphalt surface to a depth of 2 in. and resurfacing with Hot-Mix Asphalt Surface Course, Mix "D", IL-9.5, N
Location of Work: Hintz Rd from Arlington Heights Rd to Elmhurst Rd, Village of Wheeling, IL
Contract Cost within 50 ft: $ 200,000 **Contract # or Name:** 1428-14143
Work Performed For: -- Cook County Department of Transportation and Highways (69 W Washington Street, Suite 2260 Chicago, IL 60602)

Policy Period: **EFFECTIVE DATE:** 1/6/2015 **12:01 AM** to **EXPIRATION DATE:** 1/6/2016 **12:01 AM**

Limits of Liability: $ 5,000,000 per occurrence; $ 10,000,000 policy certificate aggregate
Limits apply separately to each policy certificate issued under the Master Policy.

Territory: United States of America

Premium: $ 4,000.00 (Premium Shown is Both Deposit Premium and Minimum Earned Premium)

Notice: Notices required to be given by the Named Insured under this policy shall be sent to:
Attn: Claims Department, Hudson Insurance Company
100 William Street, 5th Floor; New York, N.Y. 10038
You may also call: 1-866-546-3981 or email: HudsonClaims300@HudsonInsGroup.com
to discuss your policy coverage or to report or discuss a claim.

Wording: As per the Railroad Protective Form CG00351207; HASB0010111; HTER0010111; CG21700108; IL00210908; HUDPREMRRP01 and all required state amendatory endorsements.

Terms: All other terms and conditions as per the referenced Policy Form above and applicable Endorsements.

Agent Name: Brown & Brown of Illinois, Inc.
Agent Address: 2300 Cabot Drive Suite 100 Lisle, IL 60532

Authorized Representative

DATE: 1/6/2015

RRP 201B

10/2013

OK

RAILROAD PROTECTIVE LIABILITY COVERAGE FORM

Various provisions in this policy restrict coverage. Read the entire policy carefully to determine rights, duties and what is and is not covered.

Throughout this policy, the words "you" and "your" refer to the Named Insured shown in the Declarations. The words "we", "us" and "our" refer to the Company providing this insurance.

The word "insured" means any person or organization qualifying as such under Section **II** – Who Is An Insured.

Other words and phrases that appear in quotation marks have special meaning. Refer to Section **V** – Definitions.

SECTION I – COVERAGES

COVERAGE A – BODILY INJURY AND PROPERTY DAMAGE LIABILITY

1. Insuring Agreement

a. We will pay those sums that the insured becomes legally obligated to pay as damages because of "bodily injury" or "property damage" to which this insurance applies. We will have the right and duty to defend the insured against any "suit" seeking those damages. However, we will have no duty to defend the insured against any "suit" seeking damages for "bodily injury" or "property damage" to which this insurance does not apply. We may, at our discretion, investigate any "occurrence" and settle any claim or "suit" that may result. But:

(1) The amount we will pay for damages is limited as described in Section **III** – Limits Of Insurance; and

(2) Our right and duty to defend ends when we have used up the applicable limit of insurance in the payment of judgments or settlements.

No other obligation or liability to pay sums or perform acts or services is covered unless explicitly provided for under Supplementary Payments – Coverage **A.**

b. This insurance applies to "bodily injury" and "property damage" only if:

(1) The "bodily injury" or "property damage" occurs during the policy period; and

(2) The "bodily injury" or "property damage" arises out of acts or omissions at the "job location" which are related to or are in connection with the "work" described in the Declarations.

c. Damages because of "bodily injury" include damages claimed by any person or organization for care, loss of services or death resulting at any time from the "bodily injury".

2. Exclusions

This insurance does not apply to:

a. Expected Or Intended Injury

"Bodily injury" or "property damage" expected or intended from the standpoint of the insured. This exclusion does not apply to "bodily injury" resulting from the use of reasonable force to protect persons or property.

b. Contractual Liability

"Bodily injury" or "property damage" for which the insured is obligated to pay damages by reason of the assumption of liability in a contract or agreement. This exclusion does not apply to liability for damages assumed in a contract or agreement that is a "covered contract".

c. Completed Work

"Bodily injury" or "property damage" occurring after the "work" is completed. The "work" will be deemed completed at the earliest of the following times:

(1) When all the "work" called for in the "contractor's" contract has been completed.

(2) When all the "work" to be done at the "job location" has been completed.

(3) When that part of the "work" done at the "job location" has been put to its intended use by you, the governmental authority or other contracting party.

This exclusion does not apply to "bodily injury" or "property damage" resulting from the existence of or removal of tools, uninstalled equipment or abandoned or unused materials.

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d. Acts Or Omissions Of Insured

"Bodily injury" or "property damage", the sole proximate cause of which is an act or omission of any insured other than acts or omissions of any of "your designated employees". This exclusion does not apply to injury or damage sustained at the "job location" by any of "your designated employees" or employee of the "contractor", or by any employee of the governmental authority or any other contracting party (other than you) specified in the Declarations.

e. Workers' Compensation And Similar Laws

Any obligation of the insured under a workers' compensation, disability benefits or unemployment compensation law or any similar law. This exclusion does not apply to any obligation of the insured under the Federal Employers Liability Act, as amended.

f. Pollution

"Bodily injury" or "property damage" arising out of the actual, alleged or threatened discharge, dispersal, seepage, migration, release or escape of "pollutants" at or from the "job location":

(1) Due to the past or present use of the "job location" by you or for you or others for the handling, storage, disposal, processing or treatment of waste; or

(2) Due to the dumping or disposal of waste on the "job location" by the "contractor" with the knowledge of you or any of "your designated employees"; or

(3) On which you or "contractors" working directly or indirectly on any insured's behalf are performing operations if the "pollutants" are brought on or to the "job location" in connection with such operations by you, the "contractor" or "your designated employee". However, this subparagraph does not apply to:

(a) "Bodily injury" or "property damage" arising out of the escape of fuels or lubricants from equipment used at the "job location".

(b) "Bodily injury" or "property damage" arising out of heat, smoke or fumes from a "hostile fire".

(4) On which you or "contractors" working directly or indirectly on any insured's behalf are performing operations if the operations are to test for, monitor, clean up, remove, contain, treat, detoxify or neutralize, or in any way respond to, or assess the effects of, "pollutants".

g. Damage To Owned, Leased Or Entrusted Property

"Property damage" to property owned by you or leased or entrusted to you under a lease or trust agreement.

h. War

"Bodily injury" or "property damage", however caused, arising, directly or indirectly, out of:

(1) War, including undeclared or civil war;

(2) Warlike action by a military force, including action in hindering or defending against an actual or expected attack, by any government, sovereign or other authority using military personnel or other agents; or

(3) Insurrection, rebellion, revolution, usurped power, or action taken by governmental authority in hindering or defending against any of these.

COVERAGE B – PHYSICAL DAMAGE TO PROPERTY

1. Insuring Agreement

We will pay for "physical damage to property" to which this insurance applies. The "physical damage to property" must occur during the policy period. The "physical damage to property" must arise out of acts or omissions at the "job location" which are related to or in connection with the "work" described in the Declarations. The property must be owned by or leased or entrusted to you under a lease or trust agreement.

2. Exclusions

This insurance does not apply to "physical damage to property":

a. Completed Work

Occurring after the "work" is completed. The "work" will be deemed completed at the earliest of the following times:

(1) When all the "work" called for in the "contractor's" contract has been completed.

(2) When all the "work" to be done at the "job location" has been completed.

(3) When that part of the "work" done at the "job location" has been put to its intended use by you, the governmental authority or other contracting party.

This exclusion does not apply to "physical damage to property" resulting from the existence of tools, uninstalled equipment or abandoned or unused materials.

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b. **Acts Or Omissions Of Insured**

The sole proximate cause of which is an act or omission of any insured other than acts or omissions of any of "your designated employees".

c. **Nuclear Incidents Or Conditions**

Due to nuclear reaction, nuclear radiation or radioactive contamination or to any related act or condition.

d. **Pollution**

Due to the discharge, dispersal, seepage, migration, release or escape of "pollutants" excluded under Exclusion **f.** Pollution, Coverage **A.**

SUPPLEMENTARY PAYMENTS – COVERAGE A

We will pay, with respect to any claim we investigate or settle, or any "suit" against an insured we defend:

1. All expenses we incur.
2. All court costs taxed against the insured in the "suit". However, these payments do not include attorneys' fees or attorneys' expenses taxed against the insured.
3. All interest on the full amount of any judgment that accrues after entry of the judgment and before we have paid, offered to pay or deposited in court the part of the judgment that is within the applicable limit of insurance.
4. The cost of bonds to release attachments, but only for bond amounts within the applicable limit of insurance. We do not have to furnish these bonds.
5. Expenses incurred by the insured for first aid administered to others at the time of an accident, for "bodily injury" to which this insurance applies.
6. All reasonable expenses, incurred by the insured at our request to assist us in the investigation or defense of the claim or "suit", including actual loss of earnings up to $250 a day because of time off from work.
7. Prejudgment interest awarded against the insured on that part of the judgment we pay. If we make an offer to pay the applicable limit of insurance, we will not pay any prejudgment interest based on that period of time after the offer.

These payments will not reduce the limits of insurance.

SECTION II – WHO IS AN INSURED

1. You are an insured.
2. Your "executive officers" and directors are insureds, but only with respect to their duties as your officers and directors.
3. Your stockholders are insureds, but only with respect to their liability as stockholders.
4. Any railroad operating over your tracks is an insured.

SECTION III – LIMITS OF INSURANCE

1. The Limits of Insurance shown in the Declarations and the rules below fix the most we will pay regardless of the number of:
   a. Insureds;
   b. Claims made or "suits" brought; or
   c. Persons or organizations making claims or bringing "suits".
2. The Aggregate Limit is the most we will pay for the sum of all damages because of all "bodily injury", all "property damage" and all "physical damage to property".
3. Subject to Paragraph **2.** above, the Each Occurrence Limit is the most we will pay for the sum of all damages because of all "bodily injury", all "property damage" and all "physical damage to property" arising out of any one occurrence.
4. Subject to Paragraph **3.** above, the payment for "physical damage to property" shall not exceed the lesser of:
   a. The actual cash value of the property at the time of loss; or
   b. The cost to repair or replace the property with other property of like kind or quality.

The Limits of Insurance of this Coverage Part apply separately to each consecutive annual period and to any remaining period of less than 12 months, starting with the beginning of the policy period shown in the Declarations, unless the policy period is extended after issuance for an additional period of less than 12 months. In that case, the additional period will be deemed part of the last preceding period for purposes of determining the Limits of Insurance.

SECTION IV – CONDITIONS

A. The following Conditions apply to Coverages **A** and **B:**

1. **Assignment**

   Assignment of interest under this Coverage Part shall not bind us unless we issue an endorsement consenting to the assignment.

2. **Bankruptcy**

   Bankruptcy or insolvency of the insured or of the insured's estate will not relieve us of our obligations under this Coverage Part.

3. **Cancellation**

   a. You may cancel this policy by mailing or delivering to us advance written notice of cancellation.

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b. We may cancel this policy by mailing or delivering to you, the "contractor" and any involved governmental authority or other contracting party designated in the Declarations, at the respective mailing addresses last known to us, written notice of cancellation at least 60 days before the effective date of cancellation.

c. Notice of cancellation will state the effective date of cancellation. The policy period will end on that date.

d. If this policy is cancelled, any unearned premium will be refunded. If we cancel, the refund will be pro rata. If you cancel, the refund may be less than pro rata. The cancellation will be effective even if we have not made or offered a refund.

e. If notice is mailed, proof of mailing will be sufficient proof of notice.

4. Changes

This policy contains all the agreements between you and us concerning the insurance afforded. You are authorized to make changes in the terms of this policy with our consent. This policy's terms can be amended or waived only by endorsement issued by us and made a part of this policy.

5. Inspections And Surveys

a. We have the right to:

(1) Make inspections and surveys at any time;

(2) Give you reports on the conditions we find; and

(3) Recommend changes.

b. We are not obligated to make inspections, surveys, reports or recommendations and any such actions we do undertake relate only to insurability and the premiums to be charged. We do not make safety inspections. We do not undertake to perform the duty of any person or organization to provide for the health or safety of workers or the public. And we do not warrant that conditions:

(1) Are safe or healthful; or

(2) Comply with laws, regulations, codes or standards.

c. Paragraphs **a.** and **b.** of this condition apply not only to us, but also to any rating, advisory, rate service or similar organization which makes insurance inspections, surveys, reports or recommendations.

d. Paragraph **b.** of this condition does not apply to any inspections, surveys, reports or recommendations we may make relative to certification, under state or municipal statutes, ordinances or regulations, of boilers, pressure vessels or elevators.

6. Other Insurance

The insurance afforded by this policy is:

a. Primary insurance and we will not seek contribution from any other insurance available to you except if the other insurance is provided by a contractor other than the designated contractor for the same operation and "job location"; and

b. If the other insurance is available, we will share with that other insurance by the method described below.

If all of the other insurance permits contribution by equal shares, we will follow this method also. Under this approach, each insurer contributes equal amounts until it has paid its applicable limit of insurance or none of the loss remains, whichever comes first.

If any of the other insurance does not permit contribution by equal shares, we will contribute by limits. Under this method, each insurer's share is based on the ratio of its applicable limit of insurance to the total applicable limits of insurance of all insurers.

7. Premium And Premium Audit

a. We will compute all premiums for this Coverage Part in accordance with our rules and rates.

b. Contract cost, the premium base shown in the Declarations, means the total cost of the operations described in the Declarations.

c. The premium shown in the Declarations as advance premium is a deposit premium only. At the close of each audit period we will compute the earned premium for that period and send notice to the "contractor" designated in the Declarations. The due date for audit and retrospective premiums is the date shown as the due date on the bill. If the sum of the advance and audit premiums paid for the policy period is greater than the earned premium, we will return the excess to the contractor designated in the Declarations.

In no event shall the payment of premium be your obligation.

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8. **Transfer Of Rights Of Recovery Against Others To Us**

If the insured has rights to recover all or part of any payment we have made under this policy, those rights are transferred to us. The insured must do nothing after loss to impair them. At our request, the insured will bring "suit" or transfer those rights to us and help us enforce them.

9. **When We Do Not Renew**

If we decide not to renew this Coverage Part, we will mail or deliver to the first Named Insured shown in the Declarations written notice of the nonrenewal not less than 30 days before the expiration date.

If notice is mailed, proof of mailing will be sufficient proof of notice.

B. The following Conditions apply to Coverage **A** only:

1. **Legal Action Against Us**

No person or organization has a right under this policy:

a. To join us as a party or otherwise bring us into a "suit" asking for damages from an insured; or

b. To sue us on this policy unless all of its terms have been fully complied with.

A person or organization may sue us to recover on an agreed settlement or on a final judgment against an insured; but we will not be liable for damages that are not payable under the terms of this policy or that are in excess of the applicable limit of insurance. An agreed settlement means a settlement and release of liability signed by us, the insured and the claimant or the claimant's legal representative.

2. **Duties In The Event Of Occurrence, Claim Or Suit**

a. You must see to it that we are notified as soon as practicable of an occurrence which may result in a claim. To the extent possible, notice should include:

(1) How, when and where the occurrence took place;

(2) The names and addresses of any injured persons and witnesses; and

(3) The nature and location of any injury or damage arising out of the occurrence.

b. If a claim is made or "suit" is brought against any insured, you must:

(1) Immediately record the specifics of the claim or "suit" and the date received; and

(2) Notify us as soon as practicable.

You must see to it that we receive written notice of the claim or "suit" as soon as practicable.

c. You and any other involved insured must:

(1) Immediately send us copies of any demands, notices, summonses or legal papers received in connection with the claim or "suit";

(2) Authorize us to obtain records and other information;

(3) Cooperate with us in the investigation or settlement of the claim or defense against the "suit"; and

(4) Assist us, upon our request, in the enforcement of any right against any person or organization which may be liable to the insured because of injury or damage to which this insurance may also apply.

d. No insured will, except at that insured's own cost, voluntarily make a payment, assume any obligation, or incur any expense, other than for first aid, without our consent.

3. **Separation Of Insureds**

Except with respect to the Limits of Insurance this insurance applies:

a. As if each Named Insured were the only Named Insured; and

b. Separately to each insured against whom claim is made or "suit" is brought.

C. The following Conditions apply to Coverage **B** only:

1. **Appraisal**

If you fail to agree with us on the value of the property, or the amount of loss, either you or we may make written demand for an appraisal of the loss within sixty (60) days after proof of loss is filed. In this event, each party will select a competent appraiser. The two appraisers will select a competent and impartial umpire. The appraisers will state separately the value of the property and the amount of loss. If they fail to agree, they will submit their differences to the umpire. A decision agreed to by any two will be binding. Each party will:

a. Pay its chosen appraiser; and

b. Bear the other expenses of the appraisal and umpire equally.

If we submit to an appraisal, we still retain our right to deny the claim.

2. **No Benefit To Bailee**

No person or organization, other than you, having custody of the property will benefit from this insurance.

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3. **Insured's Duties In The Event Of A Loss**

   You must:

   a. Protect the property, whether or not the loss is covered by this policy. Any further loss due to your failure to protect the property shall not be recoverable under this policy. Reasonable expenses incurred in affording such protection shall be deemed to be incurred at our request; and

   b. Submit to us, as soon after the loss as possible, your sworn proof of loss containing the information we request to settle the loss and, at our request, make available the damaged property for examination.

4. **Legal Action Against Us**

   No person or organization has a right under this policy to sue us on this policy unless all of its terms have been fully complied with and until 30 days after proof of loss is filed and the amount of loss is determined as provided in this policy.

5. **Payment Of Loss**

   We may pay for the loss in money, but there can be no abandonment of any property to us.

SECTION V – DEFINITIONS

1. "Bodily injury" means bodily injury, sickness or disease sustained by a person, including death resulting from any of these at any time.

2. "Contractor" means the contractor designated in the Declarations and includes all subcontractors working directly or indirectly for that "contractor" but does not include you.

3. "Covered contract" means any contract or agreement to carry a person or property for a charge or any interchange contract or agreement respecting motive power, or rolling stock equipment.

4. "Executive officer" means a person holding any of the officer positions created by your charter, constitution, by-laws or any other similar governing document.

5. "Hostile fire" means one which becomes uncontrollable or breaks out from where it was intended to be.

6. "Job location" means the job location designated in the Declarations including any area directly related to the "work" designated in the Declarations. "Job location" includes the ways next to it.

7. "Physical damage to property" means direct and accidental loss of or damage to rolling stock and their contents, mechanical construction equipment or motive power equipment, railroad tracks, roadbeds, catenaries, signals, bridges or buildings.

8. "Pollutants" means any solid, liquid, gaseous or thermal irritant or contaminant, including smoke, vapor, soot, fumes, acids, alkalis, chemicals and waste. Waste includes material to be recycled, reconditioned or reclaimed.

9. "Property damage" means:

   a. Physical injury to tangible property, including all resulting loss of use of that property. All such loss of use shall be deemed to occur at the time of the physical injury that caused it; or

   b. Loss of use of tangible property that is not physically injured. All such loss of use shall be deemed to occur at the time of the occurrence that caused it.

10. "Suit" means a civil proceeding in which damages because of "bodily injury" or "property damage" to which this insurance applies are alleged. "Suit" includes:

    a. An arbitration proceeding in which such damages are claimed and to which the insured must submit or does submit with our consent; or

    b. Any other alternative dispute resolution proceeding in which such damages are claimed and to which the insured submits with our consent.

11. "Work" means work or operations performed by the "contractor" including materials, parts or equipment furnished in connection with the work or operations.

12. "Your designated employee" means:

    a. Any supervisory employee of yours at the "job location";

    b. Any employee of yours while operating, attached to or engaged on work trains or other railroad equipment at the "job location" which are assigned exclusively to the "contractor"; or

    c. Any employee of yours not described in Paragraph **a.** or **b.** above who is specifically loaned or assigned to the work of the "contractor" for the prevention of accidents or protection of property.

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THIS ENDORSMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLLY

ASBESTOS EXCLUSION ENDORSEMENT

It is hereby understood and agreed that the following exclusion is added to Coverage A – **Bodily Injury and Property Damage Liability** and Coverage B – **Physical Damage to Property** of Section 1 – Coverage under paragraph 2.

Exclusions:

This insurance does not apply to any obligation of the Company:

A. to investigate, settle or defend any claim or suit against any "insured" alleging actual or threatened injury or damage of any nature or kind including loss of use to persons or property which arises out of or would not have occurred but for:

   (1) exposure to asbestos; or
   (2) manifestation of any disease relating to the exposure to asbestos; during policy period or at any time prior to the policy period;

B. to pay, contribute or indemnify another for any injury or damage resulting in judgments, settlements, loss, costs or expenses awarded or incurred that:

   (1) arises out of any such claim or suit; or
   (2) arises due to compliance with any action authorized by law relating to such injury or damage.

All other terms and conditions remain unchanged

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DISCLOSURE – TERRORISM RISK INSURANCE ACT

THIS ENDORSEMENT IS MADE PART OF YOUR POLICY PURSUANT TO THE TERRORISM RISK INSURANCE ACT.

In accordance with the Terrorism Risk Insurance Act, including all amendments, ("TRIA" or the "Act"), we are required to provide you with a notice of the portion of your premium attributable to coverage for "certified acts of terrorism," the federal share of payment of losses from such acts, and the limitation or "cap" on our liability under the Act

Disclosure of Premium

The Company has made available coverage for "certified acts of terrorism" as defined in the Act, for **ZERO** additional premium.

Federal Participation In Payment of Terrorism Losses

If an individual insurer's losses exceed a deductible amount specified in the Act, the federal government will reimburse the insurer for 85% of losses paid in excess of the deductible, provided that aggregate industry losses from a "certified act of terrorism" exceed $100 million.

Cap on Insurer Participation In Payment Of Terrorism Losses

If aggregate insured losses attributable to "certified acts of terrorism" exceed $100 billion in a calendar year and we have met our deductible under the Act, we shall not be liable for the payment of any portion of the amount of such losses that exceeds $100 billion. Nor shall Treasury make any payment for any portion of the amount of such losses that exceeds $100 billion. In such case, insured losses up to that amount are subject to pro rata allocation in accordance with procedures established by the Secretary of the Treasury.

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CAP ON LOSSES FROM CERTIFIED ACTS OF TERRORISM

This endorsement modifies insurance provided under the following:

RAILROAD PROTECTIVE LIABILITY COVERAGE PART

If aggregate insured losses attributable to terrorist acts certified under the federal Terrorism Risk Insurance Act exceed $100 billion in a Program Year (January 1 through December 31) and we have met our insurer deductible under the Terrorism Risk Insurance Act, we shall not be liable for the payment of any portion of the amount of such losses that exceeds $100 billion, and in such case insured losses up to that amount are subject to pro rata allocation in accordance with procedures established by the Secretary of the Treasury.

"Certified act of terrorism" means an act that is certified by the Secretary of the Treasury, in concurrence with the Secretary of State and the Attorney General of the United States, to be an act of terrorism pursuant to the federal Terrorism Risk Insurance Act. The criteria contained in the Terrorism Risk Insurance Act for a "certified act of terrorism" include the following:

1. The act resulted in insured losses in excess of $5 million in the aggregate, attributable to all types of insurance subject to the Terrorism Risk Insurance Act; and
2. The act is a violent act or an act that is dangerous to human life, property or infrastructure and is committed by an individual or individuals as part of an effort to coerce the civilian population of the United States or to influence the policy or affect the conduct of the United States Government by coercion.

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NUCLEAR ENERGY LIABILITY EXCLUSION ENDORSEMENT

(Broad Form)

This endorsement modifies insurance provided under the following:

COMMERCIAL AUTOMOBILE COVERAGE PART
COMMERCIAL GENERAL LIABILITY COVERAGE PART
FARM COVERAGE PART
LIQUOR LIABILITY COVERAGE PART
MEDICAL PROFESSIONAL LIABILITY COVERAGE PART
OWNERS AND CONTRACTORS PROTECTIVE LIABILITY COVERAGE PART
POLLUTION LIABILITY COVERAGE PART
PRODUCTS/COMPLETED OPERATIONS LIABILITY COVERAGE PART
RAILROAD PROTECTIVE LIABILITY COVERAGE PART
UNDERGROUND STORAGE TANK POLICY

1. The insurance does not apply:

A. Under any Liability Coverage, to "bodily injury" or "property damage":

(1) With respect to which an "insured" under the policy is also an insured under a nuclear energy liability policy issued by Nuclear Energy Liability Insurance Association, Mutual Atomic Energy Liability Underwriters, Nuclear Insurance Association of Canada or any of their successors, or would be an insured under any such policy but for its termination upon exhaustion of its limit of liability; or

(2) Resulting from the "hazardous properties" of "nuclear material" and with respect to which **(a)** any person or organization is required to maintain financial protection pursuant to the Atomic Energy Act of 1954, or any law amendatory thereof, or **(b)** the "insured" is, or had this policy not been issued would be, entitled to indemnity from the United States of America, or any agency thereof, under any agreement entered into by the United States of America, or any agency thereof, with any person or organization.

B. Under any Medical Payments coverage, to expenses incurred with respect to "bodily injury" resulting from the "hazardous properties" of "nuclear material" and arising out of the operation of a "nuclear facility" by any person or organization.

C. Under any Liability Coverage, to "bodily injury" or "property damage" resulting from "hazardous properties" of "nuclear material", if:

(1) The "nuclear material" **(a)** is at any "nuclear facility" owned by, or operated by or on behalf of, an "insured" or **(b)** has been discharged or dispersed therefrom;

(2) The "nuclear material" is contained in "spent fuel" or "waste" at any time possessed, handled, used, processed, stored, transported or disposed of, by or on behalf of an "insured"; or

(3) The "bodily injury" or "property damage" arises out of the furnishing by an "insured" of services, materials, parts or equipment in connection with the planning, construction, maintenance, operation or use of any "nuclear facility", but if such facility is located within the United States of America, its territories or possessions or Canada, this exclusion **(3)** applies only to "property damage" to such "nuclear facility" and any property thereat.

2. As used in this endorsement:

"Hazardous properties" includes radioactive, toxic or explosive properties.

"Nuclear material" means "source material", "special nuclear material" or "by-product material".

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"Source material", "special nuclear material", and "by-product material" have the meanings given them in the Atomic Energy Act of 1954 or in any law amendatory thereof.

"Spent fuel" means any fuel element or fuel component, solid or liquid, which has been used or exposed to radiation in a "nuclear reactor".

"Waste" means any waste material **(a)** containing "by-product material" other than the tailings or wastes produced by the extraction or concentration of uranium or thorium from any ore processed primarily for its "source material" content, and **(b)** resulting from the operation by any person or organization of any "nuclear facility" included under the first two paragraphs of the definition of "nuclear facility".

"Nuclear facility" means:

(a) Any "nuclear reactor";

(b) Any equipment or device designed or used for **(1)** separating the isotopes of uranium or plutonium, **(2)** processing or utilizing "spent fuel", or **(3)** handling, processing or packaging "waste";

(c) Any equipment or device used for the processing, fabricating or alloying of "special nuclear material" if at any time the total amount of such material in the custody of the "insured" at the premises where such equipment or device is located consists of or contains more than 25 grams of plutonium or uranium 233 or any combination thereof, or more than 250 grams of uranium 235;

(d) Any structure, basin, excavation, premises or place prepared or used for the storage or disposal of "waste";

and includes the site on which any of the foregoing is located, all operations conducted on such site and all premises used for such operations.

"Nuclear reactor" means any apparatus designed or used to sustain nuclear fission in a self-supporting chain reaction or to contain a critical mass of fissionable material.

"Property damage" includes all forms of radioactive contamination of property.

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THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ILLINOIS CHANGES – CANCELLATION AND NONRENEWAL

This endorsement modifies insurance provided under the following:

RAILROAD PROTECTIVE LIABILITY COVERAGE PART

A. Cancellation (Section **IV 3.**) is replaced by the following:

1. Cancellation

a. You may cancel this policy by mailing to us advance written notice of cancellation.

b. We may cancel this policy by mailing written notice stating the reason for cancellation. If we cancel:

(1) For nonpayment of premium, we will mail the notice at least 10 days prior to the effective date of cancellation.

(2) For a reason other than nonpayment of premium, we will mail the notice at least 60 days prior to the effective date of cancellation.

c. If this policy has been in effect for more than 60 days, we may cancel only for one or more of the following reasons:

(1) Nonpayment of premium;

(2) The policy was obtained through a material misrepresentation;

(3) Any insured has violated any of the terms and conditions of the policy;

(4) The risk originally accepted has measurably increased;

(5) Certification to the Director of Insurance of the loss of reinsurance by the insurer that provided coverage to us for all or a substantial part of the underlying risk insured; or

(6) A determination by the Director of Insurance that the continuation of the policy could place us in violation of the insurance laws of this state.

d. We will mail our notice to you, your agent or broker, the "contractor", and any involved government authorities or other contracting parties designated in the declarations, at the respective addresses last known to us.

e. Notice of cancellation will state the effective date of cancellation. The policy period will end on that date.

f. If this policy is cancelled, any unearned premium will be refunded. If we cancel, the refund will be pro rata. If you cancel, the refund may be less than pro rata. The cancellation will be effective even if we have not made or offered a refund.

g. If notice is mailed, proof of mailing will be sufficient proof of notice.

B. The following is added and supersedes any provision to the contrary:

NONRENEWAL

If we decide not to renew or continue this policy, we will mail you and your agent or broker, the "contractor",and any involved government authority, written notice, stating the reason for nonrenewal, at least 60 days before the end of the policy period. If we offer to renew or continue and you do not accept, this policy will terminate at the end of the current policy period. Failure to pay the required renewal or continuation premium when due shall mean that you have not accepted our offer.

If we fail to mail proper written notice of nonrenewal and you obtain other insurance, this policy will end on the effective date of that insurance.

C. Mailing Of Notices

We will mail cancellation and nonrenewal notices to the last addresses known to us. Proof of mailing will be sufficient proof of notice.

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THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ILLINOIS CHANGES – DEFENSE COSTS

This endorsement modifies insurance provided under the following:

COMMERCIAL AUTOMOBILE COVERAGE PART
COMMERCIAL GENERAL LIABILITY COVERAGE PART
COMMERCIAL LIABILITY UMBRELLA COVERAGE PART
COMMERCIAL PROPERTY COVERAGE PART – LEGAL LIABILITY COVERAGE FORM
COMMERCIAL PROPERTY COVERAGE PART – MORTGAGEHOLDERS ERRORS AND OMISSIONS COVERAGE FORM
EMPLOYMENT-RELATED PRACTICES LIABILITY COVERAGE PART
FARM COVERAGE PART
FARM UMBRELLA LIABILITY POLICY
LIQUOR LIABILITY COVERAGE PART
MEDICAL PROFESSIONAL LIABILITY COVERAGE PART
OWNERS AND CONTRACTORS PROTECTIVE LIABILITY COVERAGE PART
POLLUTION LIABILITY COVERAGE PART
PRODUCTS/COMPLETED OPERATIONS LIABILITY COVERAGE PART
PRODUCT WITHDRAWAL COVERAGE PART
RAILROAD PROTECTIVE LIABILITY COVERAGE PART
UNDERGROUND STORAGE TANK COVERAGE PART

A. The provisions of Paragraph **B.** are added to all Insuring Agreements that set forth a duty to defend under:

1. Section **I** of the Commercial General Liability, Commercial Liability Umbrella, Employment-Related Practices Liability, Farm, Liquor Liability, Owners And Contractors Protective Liability, Pollution Liability, Products/Completed Operations Liability, Product Withdrawal, Medical Professional Liability, Railroad Protective Liability, Underground Storage Tank Coverage Parts and the Farm Umbrella Liability Policy;
2. Section **II** – Liability Coverage in Paragraph **A.** Coverage under the Business Auto, Garage, Motor Carrier and Truckers Coverage Forms;
3. Section **A.** Coverage under the Legal Liability Coverage Form; and
4. Coverage **C** – Mortgageholder's Liability under the Mortgageholders Errors And Omissions Coverage Form.

B. If we initially defend an insured ("insured") or pay for an insured's ("insured's") defense but later determine that the claim(s) is (are) not covered under this insurance, we will have the right to reimbursement for the defense costs we have incurred.

The right to reimbursement for the defense costs under this provision will only apply to defense costs we have incurred after we notify you in writing that there may not be coverage, and that we are reserving our rights to terminate the defense and seek reimbursement for defense costs.

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FULLY EARNED PREMIUM ENDORSEMENT

This endorsement modifies insurance provided under the following:

RAILROAD PROTECTIVE LIABILITY COVERAGE PART

The following replaces SECTION IV – CONDITIONS; A; 3. Cancellation; d.

If this policy is cancelled, the earned premium may be determined by final audit. In no event will the final premium be less than 100% of the premium as described on the policy certificate.

The following replaces SECTION IV – CONDITIONS; A; 7. Premium and Premium Audit; c.

The premium shown on the policy certificate as advance premium is a deposit premium only. In no event will the final premium be less than 100% of the premium as described on the policy certificate. At the close of each audit period we reserve the right to compute the earned premium for that period and if there is any additional premium due, we will send notice to the "contractor" designated in the Declarations. The due date for audit additional premium is the date shown as the due date on the bill.

All other terms and conditions of the policy remain the same.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ADDITIONAL INSURED – OWNERS, LESSEES OR CONTRACTORS – SCHEDULED PERSON OR ORGANIZATION

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

Name Of Additional Insured Person(s) Or Organization(s)	Location(s) Of Covered Operations
ANY PERSON OR ORGANIZATION THAT YOU ARE REQUIRED IN A WRITTEN CONTRACT OR AGREEMENT TO INCLUDE AS AN ADDITIONAL INSURED PROVIDED THE "BODILY INJURY" OR "PROPERTY DAMAGE" OCCURS SUBSEQUENT TO THE EXECUTION OF THE WRITTEN AGREEMENT OR WRITTEN CONTRACT.	VARIOUS AS REQUIRED BY WRITTEN CONTRACT
Information required to complete this Schedule, if not shown above, will be shown in the Declarations.	

A. **Section II – Who Is An Insured** is amended to include as an additional insured the person(s) or organization(s) shown in the Schedule, but only with respect to liability for "bodily injury", "property damage" or "personal and advertising injury" caused, in whole or in part, by:

1. Your acts or omissions; or
2. The acts or omissions of those acting on your behalf;

in the performance of your ongoing operations for the additional insured(s) at the location(s) designated above.

However:

1. The insurance afforded to such additional insured only applies to the extent permitted by law; and
2. If coverage provided to the additional insured is required by a contract or agreement, the insurance afforded to such additional insured will not be broader than that which you are required by the contract or agreement to provide for such additional insured.

B. With respect to the insurance afforded to these additional insureds, the following additional exclusions apply:

This insurance does not apply to "bodily injury" or "property damage" occurring after:

1. All work, including materials, parts or equipment furnished in connection with such work, on the project (other than service, maintenance or repairs) to be performed by or on behalf of the additional insured(s) at the location of the covered operations has been completed; or
2. That portion of "your work" out of which the injury or damage arises has been put to its intended use by any person or organization other than another contractor or subcontractor engaged in performing operations for a principal as a part of the same project.

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C. With respect to the insurance afforded to these additional insureds, the following is added to **Section III – Limits Of Insurance:**

If coverage provided to the additional insured is required by a contract or agreement, the most we will pay on behalf of the additional insured is the amount of insurance:

1. Required by the contract or agreement; or
2. Available under the applicable Limits of Insurance shown in the Declarations;

whichever is less.

This endorsement shall not increase the applicable Limits of Insurance shown in the Declarations.

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THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ADDITIONAL INSURED – OWNERS, LESSEES OR CONTRACTORS – COMPLETED OPERATIONS

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART
PRODUCTS/COMPLETED OPERATIONS LIABILITY COVERAGE PART

SCHEDULE

Name Of Additional Insured Person(s) Or Organization(s)	Location And Description Of Completed Operations
ANY PERSON OR ORGANIZATION THAT YOU ARE REQUIRED IN A WRITTEN CONTRACT OR WRITTEN AGREEMENT TO INCLUDE AS AN ADDITIONAL INSURED PROVIDED THE "BODILY INJURY" OR "PROPERTY DAMAGE" OCCURS SUBSEQUENT TO THE EXECUTION OF THE WRITTEN CONTRACT OR WRITTEN AGREEMENT.	VARIOUS AS REQUIRED BY WRITTEN CONTRACT
Information required to complete this Schedule, if not shown above, will be shown in the Declarations.	

A. **Section II – Who Is An Insured** is amended to include as an additional insured the person(s) or organization(s) shown in the Schedule, but only with respect to liability for "bodily injury" or "property damage" caused, in whole or in part, by "your work" at the location designated and described in the Schedule of this endorsement performed for that additional insured and included in the "products-completed operations hazard".

However:

1. The insurance afforded to such additional insured only applies to the extent permitted by law; and
2. If coverage provided to the additional insured is required by a contract or agreement, the insurance afforded to such additional insured will not be broader than that which you are required by the contract or agreement to provide for such additional insured.

B. With respect to the insurance afforded to these additional insureds, the following is added to **Section III – Limits Of Insurance:**

If coverage provided to the additional insured is required by a contract or agreement, the most we will pay on behalf of the additional insured is the amount of insurance:

1. Required by the contract or agreement; or
2. Available under the applicable Limits of Insurance shown in the Declarations;

whichever is less.

This endorsement shall not increase the applicable Limits of Insurance shown in the Declarations.

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This endorsement, effective 12:01 a.m., March 31, 2014

Policy No. CGS740003603 Issued to R.W. Dunteman Company

by XL Insurance America, Inc.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

PRIMARY INSURANCE CLAUSE ENDORSEMENT

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART
PRODUCTS/COMPLETED OPERATIONS COVERAGE PART

It is agreed that to the extent that insurance is afforded to any Additional Insured under this policy, this insurance shall apply as primary and not contributing with any insurance carried by such Additional Insured, as required by written contract.

All other terms and conditions of this policy remain unchanged.

XIL 424 0605
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SPECIAL PROVISION
FOR
RAILROAD PROTECTIVE LIABILITY INSURANCE

The contractor will be required to carry Railroad Protective Liability and Property Damage Liability Insurance in accordance with Article 107.11 of the Standard Specifications. The limits under this Special Provision are to be not less than $5,000,000.00 combined single limit per occurrence for bodily injury liability and property damage liability with an aggregate limit of $10,000,000.00 over the life of the policy.

NAMED INSURED	NUMBER AND SPEED OF FREIGHT AND/OR PASSENGER TRAINS
Canadian National (CN)/Wisconsin Central (WC)	Total Trains 44
Josephs Wojcik	Daytime 24
(708) 332-4739	Speed 5 to 50 mph; 60 mph maximum
(888) 888-5909	Passenger Trains 22

Basis of Payment - The costs for providing insurance, as noted above, will be paid for as the contract unit price per lump sum for RAILROAD PROTECTIVE LIABILITY INSURANCE.

Approval of Insurance – Within fourteen (14) calendar days of notice of award, The **ORIGINAL AND ONE CERTIFIED** copy of each required policy shall be submitted for approval, when applicable.

The Contractor will be advised when the Department has received approval of the insurance from the railroad(s). Before any work begins on railroad right-of-way, the Contractor shall submit to the Resident Engineer evidence that the required Railroad Protective Liability Insurance has been approved by the railroads. The Contractor shall also provide the Resident Engineer with the expiration date of each required policy.

SPECIAL PROVISION
FOR
INDEMNIFICATION FOR COOK COUNTY

The Contractor shall indemnify the County of Cook and its commissioners, officials, employees, agents and representatives, and their respective heirs, successors and assigns (the "County") pursuant to the language provided under Section 107.26 of the Standard Specifications for Road and Bridge Construction.

107.26 Indemnification. To the fullest extent permitted by law, the Contractor shall be responsible for any and all injuries to persons or damages to property due to the activities of the Contractor, subcontractors, licensees, invitees, suppliers, agents, or employees arising out of, incident to, or resulting from performance of the contract, or any activity in connection therewith. The Contractor shall indemnify and hold harmless the County of Cook and its commissioners, officials, employees, agents and representatives, and their respective heirs, successors and assigns, from any and all claims, lawsuits, actions, costs, and fees (including reasonable attorney fees and expenses) of every nature or description, arising from, growing out of, or connected with the work, or on account of or in consequence of any neglect in safeguarding the work or on account of or in consequence of using unacceptable materials in constructing the work or because of any act or omission, neglect, or misconduct of the Contractor, its officers, employees, agents, its subcontractor, or subcontractors licensees, invitees, or anyone directly or indirectly employed by them, and/or anyone for whose acts they may be liable or because of any claims or amount recovered by reason of any infringement of any patent, trademark, or copyright or by reason of the violation of any law, ordinance, order or decree. This obligation is binding on the Contractor without regard to whether or not such claim, damage, loss, or expense is caused in part by the act, omission, or negligence of the County and its commissioners, officials, employees, agents and representatives, and their respective heirs, successors and assigns.

In claims against the County by an employee of the Contractor, its officers, employees, agents, its subcontractor, or subcontractors licensees, invitees, or anyone directly or indirectly employed by them, or anyone for whose acts they may be liable, the indemnification herein shall not be limited by a limitation on amount or type of damages payable by or for the Contractor or subcontractor under any employee benefits act including but not limited to the Worker's Compensation Act.

In the event any such claim, lawsuit, or action is asserted, any such money due the Contractor under and by virtue of the contract as shall be deemed necessary by the County for the payment thereof, may be retained by the County for said purpose, or in case no money or insufficient money is due to satisfy such claim, lawsuit, or action, the Contractor's Surety shall remain liable for any payment therefore until any such lawsuit, action, or claim has been settled or has been fully judicially determined and satisfied.

No inspection by the County, its employees or agents shall be deemed a waiver by the County of full compliance with the requirements of the contract. This indemnification shall not be limited by any Performance Bond or insurance protection required of the Contractor in the contract.

SPECIAL PROVISION
FOR
JOINT VENTURES

Contractors submitting a bid as a joint venture shall comply with the following procedures:

1) Contractors may combine their available bidding capacity for a single contract to bid as a joint venture.

2) The joint venture shall be indicated by the filing of a ***Joint Venture Minimum Declaration of Work*** for each of the contracts for which joint venture approval is sought. It identifies the managing partner and indicated the kind and the percentage of work to be performed by each joint venture partner with its own workforce and resources other than work reserved to meet any disadvantage business goal advertised in the contract. The form indicated the joint venture agreement shall be included in the bid. In addition, each joint venture partner firm shall submit an ***Affidavit of Availability.*** The ***Joint Venture Minimum Declaration of Work*** and all ***Affidavits of Availability*** **must be included in the bid.** The proposed joint venture shall not be approved if the establishment of a joint venture would unduly restrict competition. A determination that a proposed venture would unduly restrict competition is limited to any of the following reasons:

   a) That the proposed joint venture would consist of more than three (3) qualified contractors.

   b) That the ***Joint Venture Minimum Declaration of Work*** indicated that any one of the proposed joint ventures partners will perform less than ten percent of the non-disadvantage business work with its own workforce and resources.

   c) That for letting items estimates by the Department to be bid at less than $1,000,000.00 more than one of the proposed joint venture partners has the individual qualification ratings and bid the item without the approval of the venture. This determination shall not apply to joint ventures between firms having fifty-one percent or more common controlling ownership or on items where the estimated quantity of asphalt exceeds 10,000 tons or concrete exceeds 5,000 cubic yards. Each proposed joint venture shall submit, with the bid, a ***Joint Venture Certificate of Explanation and Justification*** for each of the contracts estimated at less than $1,000,000.00 for which joint venture approval is sought. The form indicated the circumstances which apply to the joint venture. That is there fifty-one percent (51%) or more common controlling ownership, or does one or more parties to the joint venture not have the financial capacity, work capacity or work categories to complete the project. The ***Joint Venture Certificate of Explanation*** **must be included in the bid.**

3) Contractors whose financial ratings are based upon unaudited financial statements will not be permitted to joint venture with each other to bid contracts which are estimated to exceed $350,000.00. However, such contractors may be permitted to joint venture with contractors who have a financial rating based upon an audited statement to bid contracts estimated to exceed $350,000.00.

4) If a joint venture work rating is limited by its maximum financial rating, the full value of the computed work rating will be used in analyzing the joint venture approval request. However, the combined maximum work rating in any category shall not exceed the combined maximum financial rating of the joint venture.

5) If an approved joint venture is awarded a contract, the kind and percentage of work indicated on the ***Joint Venture Minimum Declaration of Work*** may be amended as many times as necessary by the contractor provided that each partner of the approved joint venture performs at least ten percent of the nondisadvantaged work with its own workforce and resources.

Copies of all required Joint Venture Forms are attached.

Please note that signed and notarized originals of all required Joint Venture Forms mentioned above **must be included in the bid.** This includes ***Affidavits of Availability*** for all parties to the joint venture.

JOINT VENTURE FORMS

Qualified contractors wishing to combine bidding capacity and bid items as joint ventures must submit the appropriate properly completed forms and include them in their bid. The required joint venture forms include: (1) the ORIGINAL *Affidavit of Availability* (BC 57); (2) the ORIGINAL *Joint Venture Minimum Declaration of Work*; and (3) the ORIGINAL *Joint Venture Certificate of Explanation and Justification.*

COOK COUNTY DEPARTMENT OF TRANSPORTATION AND HIGHWAYS
Joint Venture Certificate of Explanation & Justification

Bid Proposal Submission Date: _____
Item No.: _____
Joint Venture Name: _____
Managing Party: _____

Firm #1

Name: _____

Address: _____

Firm #2

Name: _____

Address:- _____

Firm #3

Name: _____

Address: _____

Instructions:

Indicate the circumstances which apply to the Joint Venture.

1) One or more firms do not have the required financial capacity.

Firm #1 Firm #2 Firm #3

Does not have sufficient available prequalification financial rating to perform the work.

2) One or more firms do not have the required work capacity.

Firm #1 Firm #2 Firm #3

Does not have sufficient available prequalification work ratings to perform fifty percent of the work.

3) One or more firms do not perform work in a majority of work categories required to complete the project.

Work categories not performed by the firm:

Firm #1 _____

Firm #2 _____

Firm #3 _____

4) Fifty-one percent (51%) common controlling ownership between firms.

Firm #1 Firm #2 Firm #3

has attached statement indicating the relationship of the firms.

5) Estimated quantity of asphalt for this item exceeds 10,000 tons.

6) Estimated quantity of concrete exceeds 5,000 cubic yards.

7) Estimated costs of project are less than $1,000,000.

I/WE being duly sworn do hereby declare the explanation and justification to be a true and correct statement.

I, WE being duly sworn, do hereby declare the explanation and justification to be a true and correct statement.

Firm #1
Name _____ Title _____
(Print)

_____
Signature (Proprietor, Partner, Officer or Director)

Subscribed and sworn to before me this _____ day of _____, 20 ___. (Notary Seal)

_____ My commission expires on _____
Notary Public

Firm #2
Name _____ Title _____
(Print)

_____
Signature (Proprietor, Partner, Officer or Director)

Subscribed and sworn to before me this _____ day of _____, 20 ___. (Notary Seal)

_____ My commission expires on _____
Notary Public

Firm #3
Name _____ Title _____
(Print)

_____
Signature (Proprietor, Partner, Officer or Director

Subscribed and sworn to before me this _____ day of _____, 20 ___. (Notary Seal)

_____ My commission expires on _____
Notary Public

This form must be submitted with the bid.

COOK COUNTY DEPARTMENT OF TRANSPORTATION AND HIGHWAYS
Joint Venture Minimum Declaration of Work

Bid Proposal Submission Date: _____
Item No.: _____
Joint Venture Name: _____
Managing Party: _____

Firm #1

Name: _____

Address: _____

Firm #2

Name: _____

Address: _____

Firm #3

Name: _____

Address: _____

Instructions:

Indicate the percentage of work to be performed by each firm with their own forces.

	Firm #1	Firm #2	Firm #3
Earthwork	_____	_____	_____
Portland Cement Concrete Paving	_____	_____	_____
Bituminous Plant Mix	_____	_____	_____
Bituminous Aggregate Mixtures	_____	_____	_____
Miscellaneous Bituminous Paving	_____	_____	_____
Cleaning and Sealing Cracks & Joints	_____	_____	_____
Soil Stabilization and Modification	_____	_____	_____
Aggregate Bases and Surfaces	_____	_____	_____
Highway, Railroad & Waterway Structures	_____	_____	_____
Drainage	_____	_____	_____
Electrical	_____	_____	_____
Cover & Seal Coats	_____	_____	_____
Slurry Applications	_____	_____	_____
Miscellaneous Concrete Construction	_____	_____	_____
Landscaping	_____	_____	_____
Seeding & Sodding	_____	_____	_____
Vegetation Spraying	_____	_____	_____
Tree Trimming & Selective Tree Removal	_____	_____	_____

Fencing	_____	_____	_____
Guardrail	_____	_____	_____
Grouting	_____	_____	_____
Painting	_____	_____	_____
Signing	_____	_____	_____
Paint Pavement Marking	_____	_____	_____
Thermoplastic Pavement Marking	_____	_____	_____
Epoxy Pavement Marking	_____	_____	_____
Installation of Raised Pavement Markers	_____	_____	_____
Pavement Texturing & Surface Removal	_____	_____	_____
Cold Milling, Planning & Rototilling	_____	_____	_____
Erection	_____	_____	_____
Demolition	_____	_____	_____
Other	_____	_____	_____

I, WE being duly sworn, do hereby declare the explanation and justification to be a true and correct statement.

Firm #1
Name _____ Title _____
(Print)

_____
Signature (Proprietor, Partner, Officer or Director)

Subscribed and sworn to before me this _____ day of _____, 20 ___. (Notary Seal)

_____ My commission expires on _____
Notary Public

Firm #2
Name _____ Title _____
(Print)

_____
Signature (Proprietor, Partner, Officer or Director)

Subscribed and sworn to before me this _____ day of _____, 20 ___. (Notary Seal)

_____ My commission expires on _____
Notary Public

Firm #3
Name _____ Title _____
(Print)

_____
Signature (Proprietor, Partner, Officer or Director

Subscribed and sworn to before me this _____ day of _____, 20 ___. (Notary Seal)

_____ My commission expires on _____
Notary Public

This form must be submitted with the bid.

SPECIAL PROVISION
FOR
PROPOSAL AGREEMENTS
ADDENDUM RECEIPT

The receipt of the following addenda to the drawings and/or specification is acknowledged:

Addendum No._____
Dated _____

Addendum No._____
Dated _____

Addendum No._____
Dated _____

Addendum No._____
Dated _____

Addendum No._____
Dated _____

NOTE: These Addenda form a part of the Bidding and Contract Documents and modify the Original Documents for this Contract. Receipt of these Addenda shall be acknowledged above. Failure to do so may subject the Bidder to disqualification.

SPECIAL PROVISION
FOR
COMBINATION BIDDING PROCESS

All references to Sections or Articles in this specification shall be construed to mean a specific Section or Article of the Standard Specifications for Road and Bridge Construction, adopted by the Cook County Department of Transportation and Highways.

Combination Bids. The projects listed below with their individual WORKING DAYS and CALENDAR DAYS shall be let in combination:

PROJECT	SECTION	WORKING DAYS	CALENDAR DAYS

A Combination Bid is a total bid received on 2 or more proposals. No Combination Bids other than those specifically set up by the Department will be considered. Separate proposal forms will be issued for each project in the combination so bids may be submitted on the combination as well as on separate units of the combination. The department reserves the right to make the awards on combination bids or separate bids to the best advantage of the Department.

If a Combination Bid is submitted on 2 or more proposals, separate proposals on each individual contract shall also be submitted, and unless separate proposals are submitted, the Combination Bid will not be considered. If the bidder desires to submit a Combination bid, the bidder shall state, in the place provided in the proposal form, the amount of the Combination Bid for the entire combination.

If a Combination Bid is submitted on any stipulated combination, and errors are found to exist in computing the gross sum bid on any one or more of the individual proposals, corrections shall be made, by the Department and the amount of the Combination Bid shall be corrected so that it will be in the same proportion to the sum of the corrected gross sum bid as the Combination Bid submitted was to the sum of the gross bid submitted.

The following provisions shall govern combination bidding:

1) A Combination Bid which is submitted for 2 or more proposals and awarded on that basis shall have the bid prorated against each proposal in proportion to the bid submitted for each proposal.

2) Separate contracts shall be executed for each proposal included in the combination.

3) The proposal guaranties which accompany the individual proposals making up the combination will be considered as also covering the Combination Bid.

4) The completion date for all contracts awarded on a Combination Bid shall be the latest completion date designated for any one or more of the contracts included in the combination, unless otherwise provided in the contract.

5) Contracts awarded in combination for the projects above shall have the WORKING DAYS revised to _____WORKING DAYS, and the CALENDAR DAYS revised to _____CALENDAR DAYS. The "Daily deduction" rate in the Traffic Control Deficiency Deduction Special Provision shall be based on the REVISED CALENDAR DAYS stated above.

6) The Contractor, at his option, may start one project or all projects. WORKING DAYS then shall start as specified in Article 108.04 of the Standard Specifications for Road and Bridge Construction and shall continue from that day forward until all projects are completed.

7) An extension of time for any one or more contracts awarded on a Combination Bid shall automatically extend all contracts awarded on the combination.

8) In the event the Contractor fails to complete any one or all the contracts on the Combination Bid by the contract completion date plus any authorized extension, or the contract working days plus any authorized extension, the liquidated damages shall be determined from the schedule of deductions for each day of the overrun in the contract time in Article 108.09 in the Standard Specifications for Road and Bridge Construction, based on the Combination Bid total, and shall be computed on the combination and prorated against the 2 or more individual contracts based on the dollar value of each contract.

9) The Plans and Special Provisions for each separate contract shall be construed separately for all requirements, except as described in section 1 through 8 listed above.

SPECIAL PROVISION
FOR
PROMPT PAY MECHANISMS (NON FEDERAL AID)

This contract is subject to the following payment obligations:

"As partial payments are made to the contractor in accordance with Article 109.07 of the Standard Specifications for Road and Bridge Construction, the contractor shall make corresponding partial payment within fifteen (15) calendar days to each subcontractor in proportion to the work satisfactorily completed by each subcontractor. The proportionate amount of partial payment due to each subcontractor shall be determined by the quantities measured or otherwise determined as eligible for payment by the Cook County Department of Transportation and Highways included in the partial payment to the contractor. Subcontractors shall be paid in full, including the return of any retainage previously withheld, within fifteen (15) calendar days after the subcontractor's work has been satisfactorily completed."

This Special Provision does not create any rights in favor of any subcontractor against the County of Cook or authorize any cause of action against the County of Cook on account of any payment, nonpayment, delayed payment or interest claimed by application of this Prompt Payment Special Provision. The Cook County Department of Transportation and Highways will neither determine the reasonableness of any cause for delay of payment nor enforce any claim to payment, including interest. Moreover, the Cook County Department of Transportation and Highways will not approve any delay or postponement of the fifteen (15) day requirement. State law creates remedies available to any subcontractor or material supplier, regardless of tier, who has not been paid for work properly, performed or material furnished. These remedies are lien against public funds set forth in Section 23© of the Mechanics Lien Act, 770 ILCS 60/23©, and a recovery on the contractors payment bond in accordance with the Public Construction Bond Act, 30 ILCS 550.

SPECIAL PROVISION
FOR
CONTRACT CLAIMS

All References to Sections or Articles in this specification shall be construed to mean specific Section or Article of the Standard Specifications for Road and Bridge Construction, adopted by the Cook County Department of Transportation and Highways.

109.09 Contract Claims. Revise the second sentence of subparagraph (a) of Article 109.09 to read:

"All claims shall be submitted to the Engineer."

Revise subparagraph (e) of this Article to read:

"Procedure. The department provides three administrative levels for claims review:

Level I	Resident Engineer
Level II	Bureau Chief, Construction Bureau
Level III	Superintendent of Transportation and Highways

All Claims shall first be submitted at Level I. This Engineer shall consider all information submitted with the claim within 90 days after receipt. Claims not conforming to this Article will be returned without consideration. The Resident Engineer may schedule a claim presentation meeting if in the Resident Engineer's judgment such a meeting would aid in resolution of the claim, otherwise a decision will be based on the claim documentation submitted. If a decision is not rendered within 90 days, or if the Contractor disputes the decision, an appeal to Level II shall be made by the Contractor. An appeal to Level II shall be made by the Contractor in writing to the Resident Engineer within 45 days after the date of the Level I decision, and shall include two (2) additional copies of the claim and supporting documentation. Review of the claim at Level II shall be conducted as a full evaluation of the claim. A claim presentation meeting may be schedule if the Bureau Chief, Construction Bureau determines that such a meeting would aid in the resolution of the claim, otherwise a decision will be made on the claim documentation submitted. If a Level II decision is not rendered within 90 days after receipt of the written appeal, or if the Contractor disputes the decision, an appeal at Level III shall be made in writing to the Bureau Chief, Construction Bureau, within 45 days of the date of the Level II decision. Review of the claim at Level III shall be conducted as a full evaluation of the claim. A claim presentation meeting may be scheduled if the Superintendent of Transportation and Highways determines that such a meeting would aid in resolution of the claim, other a decision will be based on the claim documentation submitted. A Level III final decision will be rendered within 90 days of receipt for appeal.

SPECIAL PROVISION

FOR

PRE-CONSTRUCTION CONFERENCE

After the award of the contract and before construction is started, a conference shall be held at a time and place to be designated by the County.

The purpose of the conference shall be to co-ordinate the work to be performed and adopt a schedule of operations.

The conference will be attended by representatives of the participating agencies together with the public and private agencies whose facilities are involved in the construction of the project.

SPECIAL PROVISION
FOR
MOBILIZATION

This Special Provision amends the provisions of Article 671 of the Standard Specifications for Road and Bridge Construction and shall be construed to be a part thereof, superseding any conflicting provisions thereof applicable to the work under the contract.

671 Mobilization. Revise the Article to read:

671.01 Description. This work shall consist of preparatory work and operations necessary for the movement of personnel, equipment, supplies, and incidentals to the project site; for the establishment of offices, buildings, and other facilities necessary for work on the project; and for all other work or operations which must be performed or costs incurred when beginning work on the project.

671.02 Basis of Payment. Upon execution of the contract and a written letter from the Contractor requesting mobilization, three percent of the total contract bid will be paid as the original mobilization payment. The three percent will be recovered according to the following schedule.

1) When 10 percent or more of the original contract amount is earned, 1/5 of the original mobilization payment will be deducted from the current pay voucher.

2) When 20 percent or more of the original contract amount is earned, a cumulative 2/5 of the original mobilization payment will be deducted from the current pay voucher.

3) When 30 percent or more of the original contract amount is earned, a cumulative 3/5 of the original mobilization payment will be deducted from the current pay voucher.

4) When 40 percent or more of the original contract amount is earned, a cumulative 4/5 of the original mobilization payment will be deducted from the current pay voucher.

5) When 50 percent or more of the original contract amount is earned, the remaining balance of the original mobilization payment will be deducted from the current pay voucher.

SPECIAL PROVISION
FOR
CONTRACT EXTRA WORK

Description: Due to the nature of the project, the County may require extra work consisting of various items to be completed by the Contractor where the exact scope of work could not be determined at time of submittal of the bid. In order to avoid project delays or issues related to payment for such extra work, the schedule of quantities includes a Contract Extra Work item.

All work to be performed under this item shall be as directed by the Engineer and approved by the Superintendent and the Cook County Chief Procurement Officer or her designee.

Measurement: Each one dollar of extra work value will be measured as one unit.

Basis of Payment: Payment for this work will be made as specified in Article 109.04 of the Standard Specifications for Road and Bridge Construction and paid as Contract Extra Work in accordance with the requirements set forth in the Special Provision for Processing of Extra Work Payment Requests.

SPECIAL PROVISION
FOR
CONSTRUCTION AIR QUALITY
DIESEL VEHICLE EMISSIONS CONTROL
(GREEN CONSTRUCTION ORDINANCE)

Description. Diesel Vehicle Emissions Control. The reduction of construction air emissions shall be accomplished by using cleaner burning diesel fuel. All equipment on the jobsite as defined by section 30-952 (a) of the Cook County Green Construction Ordinance (ORDINANCE) shall be required to use Ultra Low Sulfur Diesel fuel (ULSD) exclusively (15 ppm sulfur content or less). Equipment shall include any "rental" equipment. In addition, the Contractor is required to comply with section 30-954 -3(c) related to engine idling.

Diesel powered equipment in non-compliance will not be allowed to be used on the project site, and is also subject to adjudication in accordance with the attached Ordinance. Liquidated damages as per section 30-955 (c) of the ORDINANCE will not apply until such time as the level 2 or 3 controls are phased in.

The Contractor is required to submit a list of equipment to be used on the project to the Cook County Department of Environmental Control (DEPARTMENT), as stated in section 30-954(a) and (b) of the ORDINANCE, and shall copy the Cook County Department of Transportation and Highways - Construction Bureau on that submittal. The 30 day submittal stipulation cited in section 30-954(a) of the ORDINANCE will be enforced. The Contractor may not begin work on the project unless acknowledgement by the DEPARTMENT of their receipt of the list is provided to the Construction Bureau of the Cook County Department of Transportation and Highways. At this time, the list will be used for statistical data only. The Contractor is not required to meet portions of the ordinance related to level 2 or 3 controls as outlined in the ORDINANCE until such time as stipulated in the ordinance. If additional equipment is to be used on a project that was not on the original equipment list submitted to the DEPARTMENT, the Contractor must follow the same procedure as outlined above. Short term usage of equipment shall be as stated in section 30-952(3)(c)(1) of the ORDINANCE.

The Contractor shall submit copies of monthly summary reports to the DEPARTMENT and include certified copies of the ULSD fuel delivery slips for diesel fuel delivered to the jobsite for the reporting time period, noting the quantity of diesel fuel used.

The ORDINANCE is attached and made a part of this contract. Contact information for the Department of Environmental Control is given below.

Basis of Payment. Any costs associated with compliance with this special provision and the Green Construction Ordinance shall be considered as included in the contract unit prices bid for the various items of work involved and no additional compensation will be allowed.

Cook County Department of Environmental Control
69 West Washington Street Room 1900
Chicago, IL 60602
Re: Cook County Green Construction Ordinance
Phone: 312-603-8200

09-0-36

ORDINANCE

Sponsored by

THE HONORABLE TODD H. STROGER, PRESIDENT

AND ROBERTO MALDONADO, JOAN PATRICIA MURPHY AND PETER N. SILVESTRI

COUNTY COMMISSIONERS

Co-Sponsored by

THE HONORABLE JOHN P. DALEY, ELIZABETH "LIZ" DOODY GORMAN,

JOSEPH MARIO MORENO, DEBORAH SIMS, ROBERT B. STEELE

AND LARRY SUFFREDIN, COUNTY COMMISSIONERS

COOK COUNTY GREEN CONSTRUCTION ORDINANCE

BE IT ORDAINED, by the Cook County Board of Commissioners that Chapter 30 Environment, Article IX Green Construction, Sections 30-950 through 30-955 of the Cook County Code is hereby enacted as follows:

ARTICLE IX. GREEN CONSTRUCTION

Sec. 30-950. Board of Commissioners findings.

a) Diesel exhaust particle pollution poses a clear and present health risk to the people of Cook County. The United States Environmental Protection Agency has classified diesel exhaust as a likely human carcinogen, and has identified diesel particulate matter and diesel exhaust organic gases as toxic air pollutants. Diesel exhaust is also a prime contributor to airborne fine particle pollution that is linked to premature death and other serious cardiovascular and pulmonary problems such as heart attacks, abnormal heart rhythms, atherosclerosis, stroke, asthma attacks, permanent respiratory damage and retardation of lung growth in children.

b) Cook County is a USEPA designated non-attainment area for fine particulate matter pollution.

c) The health impacts from diesel emissions particularly affect children, the elderly, and people with weakened immune systems.

d) Particularly high concentrations of diesel emissions often occur in heavily traveled transportation corridors, intermodal yards, bus depots, and construction sites; these diesel "hot spots" often are found in densely populated, urban areas, disproportionately impacting ethnic minorities and people of lower economic status.

e) Diesel engine crankcases also are a source of emissions that can seep into the cabin and expose vehicle drivers and passengers to harmful diesel emissions.

f) Diesel exhaust also contains black carbon emissions, which contribute to global climate change.

g) Reduction of diesel emissions can help address these human health and environmental problems.

h) The United States Environmental Protection Agency has enacted requirements over the past few yeas requiring the substantial reduction of emissions from new diesel engines in both heavy duty highway vehicles and land-based non-road equipment. However, these regulations do not apply to any of the over 11 million existing diesel engines in the United States, most of which emit substantially more pollution and often remain in service for 10 to 30 years, depending on the type of engine and equipment.

i) Practical, cost-effective measures to substantially reduce diesel particulate emissions are available today, and can be applied to many existing diesel engines. The same technology that limits diesel pollution from new diesel engines can be retrofitted onto existing engines or applied in new replacement engines to reduce diesel emissions by 85% or better.

j) Therefore, the purpose of this ordinance is to minimize the public health risks from exposure to diesel particulate emissions as expeditiously as practicable.

Sec. 30-951. Definitions.

CARB means the California Air Resources Board.

County, as used in this chapter (with the exception of the use of the words to describe or identify the Government or Board of Commissioners thereof), means all of the territory in the County exclusive of the City of Chicago.

Department means the Cook County Department of Environmental Control.

Fleet means one or more diesel vehicles or mobile or stationary diesel engines owned or operated by the same person or group of related persons.

Heavy duty diesel vehicle means a motor vehicle with a gross vehicle weight rating of at least 8,500 pounds that is powered by a diesel engine.

Level 1 Control means a Verified Diesel Emission Control Device that achieves a particulate matter (PM) emission reduction of 25% or more from uncontrolled engine emission levels.

Level 2 Control means a Verified Diesel Emission Control Device that achieves a particulate matter (PM) emission reduction of 50% or more from uncontrolled engine emission levels.

Level 3 Control means a Verified Diesel Emission Control Device that achieves a particulate matter (PM) emission reduction of 85% or more from uncontrolled engine emission levels, or that reduces emissions to less than or equal to 0.01 grams of PM per brake horsepower-hour. Level 3 Control includes repowering or replacing the existing diesel engine with an engine meeting USE PA's 2007 Heavy-duty Highway Diesel

Standards (66 Fed. Reg. 5002), or in the case of a non-road engine, an engine meeting the USE PA's Tier 4 Nonroad Diesel Standards (69 Fed. Reg. 38958); Level 3 Control also includes new diesel engines meeting said emissions standards.

Motor vehicle means any self-propelled vehicle designed for transporting persons or property on a street or highway, including an on-road diesel vehicle.

Nonroad engine means an internal combustion engine (including the fuel system) that is not used in a motor vehicle or a vehicle used solely for competition, or that is not a stationary source, except that this term shall apply to internal combustion engines used to power generators, compressors or similar equipment used in any construction program or project.

Nonroad Vehicle means a vehicle or equipment that is powered by a nonroad engine, fifty horsepower and greater, and that is not a motor vehicle or a vehicle used solely for competition, which shall include, but not be limited to, excavators, backhoes, cranes, compressors, generators, bulldozers and similar equipment; non-road vehicles do not include locomotives or marine vessels.

Prime Contractor means any person or business entity that enters into a public works contract with Cook County.

Public Works Contract means a contract, budgeted at $2,000,000 or more, with a County agency for a construction program or project bid by Cook County involving the construction, demolition, restoration, rehabilitation, repair, renovation, or abatement of any building, structure, tunnel, excavation, roadway, park or bridge; a contract with a County agency for the preparation for any construction program or project involving the construction, demolition, restoration, rehabilitation, repair, renovation, or abatement of any building, structure, tunnel, excavation, roadway, park or bridge; or a contract with a County agency for any final work involved in the completion of any construction program or project involving the construction, demolition, restoration, rehabilitation, repair, renovation, or abatement of any building, structure, tunnel, excavation, roadway, park or bridge.

Stationary Generators means a non-mobile machine that uses diesel fuel to produce electrical energy.

Subcontractor means any person or business entity that enters into a contract with a Prime Contractor as defined herein to perform work on a public works contract with Cook County.

Ultra low sulfur diesel fuel means diesel fuel that has a sulfur content of no more than fifteen parts per million.

US EPA means the United States Environmental Protection Agency.

Verified diesel emission control device means:

a) an emission control device or strategy that has been verified to achieve a specified diesel PM reduction by US EPA or CARB; or

b) replacement or repowering with an engine that is certified to specific PM emissions performance by USE PA or CARB.

Sec. 30-952. Emission reduction.

a) Immediately after the effective date of this ordinance, any solicitation for a public works contract and any contract entered into as a result of such solicitation shall include a specification that all contractors in the performance of such contract shall use Ultra Low Sulfur Diesel fuel for diesel motor vehicles, nonroad vehicles, and stationary generators used in the performance of the contract.

b) Beginning January 1, 2 014, for Prime Contractors, and beginning January 1, 2016 for Subcontractors, any solicitation for a public works contract and any contract entered into as a result of such solicitation shall include a specification that a Prime Contractor and all Subcontractors in the performance of such contract shall not operate any heavy-duty diesel vehicle in the performance of a public works contract unless that vehicle has installed Level 3 Controls and unless such controls are properly maintained and operating (as provided by regulations promulgated pursuant to this act). Except that, upon provision by the Prime Contractor or Subcontractors to the agency of appropriate and sufficient documentary evidence:

(1) Subsection (b) shall not apply to any heavy-duty diesel vehicle on the construction site working three days or less over the life of the project.

(2) Subsection (b) shall not apply to any heavy-duty diesel vehicle with respect to which the Department makes a written finding that such vehicle cannot be retrofit with Level 3 Controls, in which case such fleet owner or operator shall install Level 2 Controls that are available and appropriate for such vehicle as determined by the Department. If the Department makes a written finding that any such vehicle cannot be retrofit with Level 2 controls, said vehicle shall be retrofit with Level 1 Controls that are available and appropriate for such vehicle as determined by the Department.

(3) Any heavy-duty diesel vehicle that has operational Level 2 Controls installed prior to the effective date of this act shall have an additional one year to meet the requirements of Subsection (b).

c) Within two years after the effective date of this ordinance, any solicitation for a public works contract and any contract entered into as a result of such solicitation shall include a specification that all contractors in the performance of such contract shall not operate any diesel nonroad vehicle in the performance of a public works contract unless that vehicle has installed Level 2 Controls and unless such controls are properly maintained and operating (as provided by regulations promulgated pursuant to this act). Except that, upon provision by the contract or to the agency of appropriate and sufficient documentary evidence:

(1) Subsection (c) shall not apply to any diesel nonroad vehicle on the construction site working three days or less over the life of the project.

(2) Subsection (c) shall not apply to any diesel nonroad vehicle with respect to which the Department makes a written finding that such vehicle cannot be retrofit with Level 2 Controls, in which case such fleet owner or operator shall install Level 1 Controls that are available and appropriate for such vehicle as determined by the Department.

(3) Any diesel nonroad vehicle that has operational Level 1 Controls installed prior to the effective date of this act shall have an additional one year to meet the requirements of Subsection (c).

d) Beginning January 1, 2014, for Prime Contractors, and beginning January 1, 2016 for Subcontractors, any solicitation for a public works contract and any contract entered into as a result of such solicitation shall include a specification that a Prime Contractor and all Subcontractors in the performance of such contract shall not operate any diesel nonroad vehicle in the performance of a public works contract unless that vehicle has installed Level 3 Controls and unless such controls are properly maintained and operating (as provided by regulations promulgated pursuant to this act). Except that, upon provision by the Prime Contractor or Subcontractors to the agency of appropriate and sufficient documentary evidence:

(1) Subsection (d) shall not apply to any diesel nonroad vehicle on the construction site working three days or less over the life of the project.

(2) Subsection (d) shall not apply to any diesel nonroad vehicle with respect to which the Department makes a written finding that such vehicle cannot be retrofit with Level 3 Controls, in which case such fleet owner or operator shall install Level 2 Controls that are available and appropriate for such vehicle as determined by the Department.

(3) Any diesel nonroad vehicle that has operational Level 2 Controls installed prior to the effective date of this act shall have an additional one year to meet the requirements of Subsection (d).

Sec. 30-953. Costs.

All costs associated with meeting these requirements are incidental to the overall contract. No additional time or monies will be granted to the Prime Contractor for compliance with these requirements and any associated regulations.

Sec. 30-954. Compliance.

a) Thirty days before beginning work, the Prime Contractor shall submit to the Department for approval a list of all heavy-duty diesel vehicles, nonroad vehicles, and stationary generators to be used on the project. The list shall include the following:

(1) Prime Contractor and Subcontractor name and address, plus contact person responsible for the vehicles or equipment.

(2) Equipment type, manufacturer, engine model year, engine certification (Tier rating), ECM calibration, horsepower, plate, serial number, and expected fuel usage and/or hours of operation.

(3) For the pollution control technology installed: technology type, serial number, make, model, manufacturer, EPA/CARB verification number/level, and installation date.

b) If the Prime Contractor subsequently needs to bring on site equipment not on the list, the Prime Contractor shall submit the request in writing for prior approval. Additional equipment shall comply with all contract conditions.

c) During periods of inactivity, idling of diesel on road motor vehicles and nonroad vehicles shall be minimized and shall not exceed the time allowed under state and local laws.

d) Any public works contract shall provide for enforcement of the contract provisions required by Section 3 and penalties for noncompliance of such provisions.

Sec. 30-955. Enforcement.

a) Any solicitation for a public works contract subject to the provisions of this section and any contract entered into as a result of such solicitation shall include provisions authorizing independent monitoring and inspection of the Prime Contractor and Subcontractor's compliance with the requirements of this section and requiring that the Prime Contractor and Subcontractor comply with this section. The Prime Contractor shall be liable for a fee of $200 for the review of Prime Contractor and Subcontractor's compliance with the provisions of this section, and the County may withhold and deduct the fee from monies otherwise due the Prime Contractor.

b) All vehicles and equipment to which these requirements are applicable will be subject to random inspections to ensure full compliance with these requirements. If any equipment is found to be non-compliant, the Prime Contractor, Subcontractor or Supplier must remove or retrofit this equipment or vehicle within 24 hours or be subject to liquidated damages pursuant to subdivision (c) of this section until that piece of equipment or vehicle is removed from Project.

c) In the event of a violation of any provision of this section, except as provided, in subdivision (d) of this section, liquidated damages shall be assessed against the Prime Contractor in the amount of $5,000 for each violation (with each piece of noncomplying equipment and each day of noncompliance being a separate violation, not to exceed a total of $50,000 for any one piece of equipment). Said liquidated damages are not imposed as a penalty but as an estimate of the damages that the County will sustain from delay in completion of the work, as well as resultant damages to public health of its citizens, which damages by their nature are not capable of precise proof. The County may withhold and deduct from monies otherwise due the Prime Contractor the amount of liquidated damages due the County.

d) No Prime Contractor or Subcontractor shall make a false statement or claim with respect to any matter material to compliance with the provisions of this section to the County. Any Prime Contractor or Subcontractor making such a false statement shall pay the County up to $10,000 for each such statement as liquidated damages pursuant to the provisions of subdivision (c) of this section.

e) Fees and liquidated damages paid to the County under this section shall be placed in the Cook County Environmental Management Fund.

Sec. 30-956. Regulations.

Within six months of the effective date of this act, the Department shall, after written notice and public hearing, promulgate regulations implementing the provisions of this act.

Effective date: This Ordinance shall take effect upon adoption.

Approved and adopted this 19th day of May 2009.

TODD H. STROGER, President

Cook County Board of Commissioners

Attest: DAVID ORR, County Clerk.

SPECIAL PROVISION
FOR
PROCESSING OF EXTRA WORK PAYMENT REQUESTS

Contractor's payment requests for Extra Work as identified in Article 104.02 of the Standard Specifications and the Special Provision for Contract Extra Work shall be processed in accordance with Article 109.04 of the Standard Specifications and the following additional procedures:

1) Contractor shall invoice the County for such Extra Work in accordance with the lump sum price, unit price, or force account as agreed to by the Engineer and Contractor.

2) Force account billing for equipment expense shall follow the applicable volume of the Equipment Watch Rental Rate Blue Book (Blue Book). Determination of equipment rates shall follow the IDOT Construction Memorandum 08-09. Also, a copy of the Blue Book calculation for each piece of equipment shall be included with the force account billing.

3) Contractor shall submit invoice for such Extra Work after the Extra Work has been fully completed by Contractor within sixty (60) days of completion of the work.

4) Within sixty (60) days after receipt of the invoice, the Engineer will review the Contractor's invoice and determine whether the invoice complies with the above. If the Engineer disapproves the invoice, the Engineer shall give Contractor notice of the reasons for such disapproval and the Contractor shall resubmit a corrected invoice for the Engineer's review. The County shall have an additional thirty (30) days to review and determine whether that the corrected invoice complies with the above.

5) Once the Engineer determines that the invoice complies with the above, the Engineer shall present a recommendation for change in plan for the specific items of extra work. The Superintendent shall execute a change order for the specific items of extra work and submit such change order to the Cook County Chief Procurement Officer, or where appropriate, to the County Board for approval.

6) Within thirty (30) days of the Board's or the Cook County Chief Procurement Officer's approval of the change order, payment shall be reflected under the specific items of extra work completed by the Contractor and the corresponding amount shall be deleted from the Contract Extra Work item.

SPECIAL PROVISION
FOR
ENGINEER'S FIELD OFFICE

This Special Provision amends the provisions of the Standard Specifications for Road and Bridge Construction and shall be construed to be a part thereof.

670.02 Engineer's Field Office Type A. Amend the following of Article 670.02, paragraph 6:

(i) A minimum of two communication paths. The configuration shall include:

(1) Internet Connection. A commercial grade internet service connection using telephone DSL, cable broadband or CDMA wireless technology with a MINIMUM bandwidth of 768 kbs. Additionally, an 802.11 g/N wireless router shall be provided, which will allow connection by the Engineer and up to four Department Staff. All costs related with equipment, installation, maintenance and service shall be included.

The Cook County Department of Transportation and Highways Engineering Computer Division contact person is as follows:

Mo Al-Khouja
Cook County Administration Building
Room 2400
69 West Washington Street
Chicago, Illinois 60602-3007
Work: (312) 603-1753
E-mail: M.Al-Khouja@cookcountyil.gov

(2) Telephone Lines. Three separate telephone lines with voicemail shall be provided.

(j) One digital copy machine with an automatic feed tray storing at least 30 sheets of paper, capable of reproducing prints as black lines on white paper up to 11 x 17 in. (280 x 432 mm) in size. Reproduction paper (8.5 x 11 in., 8.5 x 14 in., and 11 x 17 in.) shall be supplied to the satisfaction of the Engineer. Maintenance, activating agent and power source for the copy machine shall be included.

The digital copy machine shall also be capable of scanning to / printing from a computer and faxing over a telephone line. All cables, support equipment, software, installation and technical support required to make and keep the equipment operational for up to four computers shall be included.

The digital copy machine, software and support equipment must be compatible with the most current version of Windows operating system.

(k) One electric hot and cold water dispenser. 5 gallon and 0.5 liter bottles of water shall be supplied to the satisfaction of the Resident Engineer.

(l) One electric paper shredder capable of shredding a minimum 15 sheets at a time.

670.02 Engineer's Field Office Type A. Add the following to Article 670.02, paragraph 6:

(m) Three (3) new cellular phones with the capacity for both cellular call and two (2) way communication (Nextel or equal), established voice mail, hands free adaptors, belt clips and car adaptors. These cellular phones will be for exclusive use by the Engineer and the Engineer's support staff. All of the cellular phones and services must be compatible with each other. Maintenance and operating costs of the cellular phones shall be included.

(n) One digital camera with 8 megapixel minimum resolution, batteries to operate the camera, USB cable, minimum 8 GB memory card and digital camera case.

(o) A new upright bagless vacuum cleaner with a hepa-filter or new shop vacuum with a Hepa-Filter and any miscellaneous cleaning supplies necessary for the Engineer to maintain the Field Office.

A weekly cleaning service for the field office shall be provided.

(p) The following items are suggested office and field supplies. These items are subject to revision by the Resident Engineer, must be coordinated with the Resident Engineer prior to purchase, and shall be furnished to the satisfaction of the Resident Engineer prior to commencement and for the duration of the project.

If no pay item for Engineer's Field Office is included in the contract or used by the Department, the following items shall be incidental to the contract.

These items will not be returned at the conclusion of the contract.

OFFICE:

Adjustable Hole Punch, Black (3-Hole)	1 Each
Bankers Box, Legal size With String and Button Closure	4 Pack
Binder Clips, Large, 2", Box of 12 Each	2 Each
Binder Clips, Medium, 1 ¼", Box of 12 Each	2 Each
Binder Dividers, Avery index marker or equivalent	1 Each
Binder, Black 1" Capacity	1 Each
Binder, Black, 1-1/2" Capacity	2 Each
Binder, Black, 3" Capacity	1 Each
Calendar, At-A-Glance 3-Month Wall or equivalent	1 Each
Calendar, At-A-Glance Compact Desk Calendar Base and Calendar Refill	1 Each

3" x 3 ¾" or equivalent	
Clipboard, Legal	2 Each
Correction Fluid, Multipurpose, White	1 Each
DVD Cases, Slim Line, 25 Count	1 Pack
DVD Discs, R.W., 25 Count	1 Pack
Folders, Manila 250 Count Letter 1/3 Cut File	1 Box
Highlighters, Assorted Fluorescent Colors, 4 Count	1 Pack
Labels, Multipurpose White 500 Count, 3/4" x 1 ½"	1 Pack
Letter Trays, Stackable, Pack of 6	1 Each
Markers, Large, Permanent, Black	12 Each
Markers, Sharpie, Black or equivalent	12 Each
Memory Card, 2 Gig SD for Digital Camera	1 Each
OIC, Ideal Clamps, Small Box of 50	2 Each
Paper Clips, Jumbo No. 1, Regular, Box of 100	2 Each
Paper Clips, No. 1, Regular, Box of 100	2 Each
Paper, Quadrille Pad, 8 ½" x 11"	6 Each
Paper, Standard Canary Letter Pads, 6 Count, 8 ½" x 11 ¾"	1 Pack
Pen, Black	2 Pack
Pen, Red	1 Pack
Pencil, Lead Refill, 0.5 mm, Tube of 12	2 Each
Pencils, Disposable	2 Pack
Pencils, Color (Green)	1 Pack
Pencils, Color (Orange)	1 Pack
Pencils, Color (Red)	1 Pack
Pencils, Color (Yellow)	1 Pack
Pencils, Pentel Forte or equivalent, Automatic Pencil, 0.5 mm	3 Each

Pencils, Zebra Rubber Sharpo Mechanical Pencil or equivalent	2 Each
Post-It Memo Cubes, 3 7/8" x 3 7/8", Cube of 300 Sheets	1 Each
Post-It Notes, Yellow, 12 Count 3" x 3"	1 Pack
Rubber Bands, #16, 1 lb., 2 " x 1/16"	1 Each
Rubber Bands, #32, 1 lb., 3" x 1/8"	1 Each
Scissors, Deskwork's or equivalent	1 Each
Staple Remover, Pinch Type	1 Each
Stapler, Black Deluxe Standard	1 Each
Tape Dispenser	1 Each
Tape, Transparent Refills ¾"	6 Each

FIELD:

Ruler, 6 ft., inch/tenth	6 Each
Tape, 100 ft., Fiberglass with Handle	1 Each
Tape, 25 ft. inch/tenth, Retractable, Lufkin or equivalent	2 Each
Wheel, Measuring English	1 Each

The estimated cost for office and field supplies shall be as follows:

Bid Amount		Approximate Cost
Up to	$1,000,000	$ 625
$1,000,000	$3,000,000	$ 750
$3,000,000	$5,000,000	$ 875
Over	$5,000,000	$1,000

SPECIAL PROVISION
FOR
CONSTRUCTION DEBRIS

Add the following to the third paragraph of Article 202.03 of the Standard Specifications:

"The Contractor shall not conduct any generation, transportation, or recycling of construction or demolition debris, clean or general or uncontaminated soil generated during construction, remodeling, repair, and demolition of utilities, structures, and roads that is not commingled with any waste, without the maintenance of documentation identifying the hauler, generator, place of origin of the debris or soil, the weight or volume of the debris or soil, and the location, owner, and operator of the facility where the debris or soil was transferred, disposed, recycled or treated. This documentation must be maintained by the Contractor for 3 years."

SPECIAL PROVISION
FOR
PORTLAND CEMENT CONCRETE PAVEMENT

This contract includes construction of Portland Cement Concrete Pavement. The paving contractor performing this work shall be pre-qualified by IDOT in accordance with 44 IL ADMINISTRATIVE CODE SECTION 650 ADOPTED JULY 1, 1994 AND AMENDED DECEMBER 7, 2000 – APPENDIX A - AVAILABLE WORK CATEGORIES - category # 2 – PORTLAND CEMENT CONCRETE PAVING.

SPECIAL PROVISION
FOR
MANAGING CONCRETE WASTE

Description. Prevent or reduce the discharge of pollutants to stormwater from concrete waste including diamond grinding slurry or residue by conducting washout offsite or by performing onsite washout in a designated area.

Construction. Perform this work on projects where;

- Concrete is used as a construction material or where concrete dust and debris result form demolition activities
- Slurries containing portland cement concrete (PCC) or asphalt concrete (AC) are generated, such as from saw cutting, coring, grinding, grooving, and hydro-concrete demolition
- Concrete trucks and other concrete-coated equipment are washed onsite
- Mortar-mixing stations exist

Requirements.

- No discharge of water/lime slurry will be allowed to enter "waters of the state".

"Waters of the state" - all rivers, streams, lakes and other bodies of surface and subsurface water lying within the boundaries of the state which are not entirely confined and located completely upon lands owned, leased or otherwise controlled by a single person or entity.

- The slurry shall not be discharged to drainage ways, non-vegetated areas or anywhere storm water runoff is likely to occur.

- Discharge of the slurry should be stopped

  at least 25 feet from creeks and rivers on slopes less than 12 percent.
  at least 50 feet on slopes 12 percent to 25 percent in areas with healthy vegetation on the road right of way.
  at least 12 feet from the bottom of all ditches.

- On sites where there is sparse or no vegetation to control the movement of the slurry, alternatives that may be used include:

  Pump the slurry into tankers and hauled to an area where it can be spread as a lime supplement. This method will require additional tankers and land close to the project site.
  Incorporate the slurry into the soil on the right of way next to the road where it will not impact waters of the state, highway or shoulders.

- The Resident Engineer must approve any other method of application or use of the slurry. The design engineer should be contacted for guidance on the use of alternative methods.

- Precautions must be taken at all times to prevent the slurry from entering the waters of the state. Should improper application occur which may result in a discharge of lime slurry to the waters of the state, the contractor shall immediately remove the slurry and notify the Resident Engineer.

Implementation. The following steps shall be taken to help reduce stormwater pollution from concrete wastes:

- Store dry and wet materials under cover, away from drainage areas.
- Avoid mixing excess amounts of fresh concrete.
- Perform washout of concrete trucks offsite or in designated areas only.
- Do not wash out concrete trucks into storm drains, open ditches, streets, or streams.
- Do not allow excess concrete to be dumped onsite, except in designated areas.

For onsite washout:

- Locate washout area at least 50 feet from storm drains, open ditches, or water bodies.
- Prevent runoff from this area by constructing a temporary pit or bermed area large enough for liquid and solid waste.
- Wash out wastes into the temporary pit where the concrete can set, be broken up, and then disposed properly.
- Avoid creating runoff by draining water to a bermed or level area when washing concrete to remove fine particles and expose the aggregate.
- Do not wash sweepings from exposed aggregate concrete into the street or storm drain.
- Collect and return sweepings to aggregate base stockpile or dispose in the trash.

For Concrete Slurry Wastes. The following steps shall be taken when handling and disposing of concrete slurry wastes containing portland cement concrete (PCC) or asphalt concrete (AC) generated, such as from saw cutting, coring, grinding, grooving, and hydro-concrete demolition.

- PCC and AC waste should not be allowed to enter storm drains or watercourses.
- PCC and AC waste should be collected and disposed of or placed in a temporary concrete washout facility.
- A sign should be installed adjacent to each temporary concrete washout facility to inform concrete equipment operators to utilize the proper facilities.
- Below grade concrete washout facilities are typical. Above grade facilities are used if excavation is not practical.
- A foreman or construction supervisor should monitor onsite concrete working tasks, such as saw cutting, coring, grinding and grooving to ensure proper methods are implemented.
- Saw-cut PCC slurry should not be allowed to enter storm drains or watercourses.
- Residue from grinding operations should be picked up by means of a vacuum attachment to the grinding machine.
- Saw cutting residue should not be allowed to flow across the pavement and should not be left on the surface of the pavement.

Slurry residue should be vacuumed and disposed in a temporary pit (as described below) and allowed to dry. Dispose of dry slurry residue in accordance with

For Onsite Temporary Concrete Washout Facility:

- Temporary concrete washout facilities should be located a minimum of 50 ft from storm drain inlets, open drainage facilities, and watercourses. Each facility should be located away from construction traffic or access areas to prevent disturbance or tracking.
- A sign should be installed adjacent to each washout facility to inform concrete equipment operators to utilize the proper facilities.
- Temporary concrete washout facilities should be constructed above grade or below grade at the option of the contractor. Temporary concrete washout facilities should be constructed and maintained in sufficient quantity and size to contain all liquid and concrete waste generated by washout operations.
- Temporary washout facilities should have a temporary pit or bermed areas of sufficient volume to completely contain all liquid and waste concrete materials generated during washout procedures.
- Washout of concrete trucks should be performed in designated areas only.
- Only concrete from mixer truck chutes should be washed into concrete wash out.
- Concrete washout from concrete pumper bins can be washed into concrete pumper trucks and discharged into designated washout area or properly disposed of offsite.
- Once concrete wastes are washed into the designated area and allowed to harden, the concrete should be broken up, removed, and disposed of per WM-5, Solid Waste Management. Dispose of hardened concrete on a regular basis.
- Temporary Concrete Washout Facility (Type Above Grade)

    - Temporary concrete washout facility (type above grade) should be constructed as shown on the details at the end of this BMP, with a recommended minimum length and minimum width of 10 ft, but with sufficient quantity and volume to contain all liquid and concrete waste generated by washout operations.
    - Silt Fence, wood stakes, and sandbag materials should conform to the provisions in SE-9, Straw Bale Barrier.
    - Plastic lining material should be a minimum of 10 mil in polyethylene sheeting and should be free of holes, tears, or other defects that compromise the impermeability of the material.
- Temporary Concrete Washout Facility (Type Below Grade)

    - Temporary concrete washout facilities (type below grade) should be constructed as shown on the details at the end of this BMP, with a recommended minimum length and minimum width of 10 ft. The quantity and volume should be sufficient to contain all liquid and concrete waste generated by washout operations.
    - Lath and flagging should be commercial type.
    - Plastic lining material should be a minimum of 10 mil polyethylene sheeting and should be free of holes, tears, or other defects that compromise the impermeability of the material.

Removal of Temporary Concrete Washout Facilities: When temporary concrete washout facilities are no longer required for the work, the hardened concrete should be removed and disposed of. Materials used to construct temporary concrete washout facilities should be removed from the site of the work and disposed of. Holes, depressions or other ground disturbance caused by the removal of the temporary concrete washout facilities should be backfilled and repaired.

Inspection and Maintenance.

- Inspect and verify that activity–based BMPs are in place prior to the commencement of associated activities. While activities associated with the BMP are under way, inspect weekly during the rainy season and of two-week intervals in the non-rainy season to verify continued BMP implementation.
- Temporary concrete washout facilities should be maintained to provide adequate holding capacity with a minimum freeboard of 4 in. for above grade facilities and 12 in. for below grade facilities.
- Maintaining temporary concrete washout facilities should include removing and disposing of hardened concrete and returning the facilities to a functional condition.
- Hardened concrete materials should be removed and disposed of.
- Washout facilities must be cleaned, or new facilities must be constructed and ready for use once the washout is 75% full.

Disposal for the Diamond Grinding Slurry (Non Hazardous Only).

Transporting. - Transport the diamond grinding slurry from the diamond grinder to a licensed Type II municipal landfill for solidification or to a licensed liquid industrial waste disposal facility. Cover and contain to prevent loss to the environment during transport and delivery to the licensed facility.

Solid Waste Facility. Dispose of the diamond grinding slurry in a licensed Type II municipal landfill pursuant to Part 115 of Solid Waste Management, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (Act 451). The disposal shall be consistent with the landfill's waste acceptance policies and the slurry shall be solidified sufficiently to pass the paint filter test.

Licensed Liquid Industrial Waste Disposal Facility. The diamond grinding slurry may also be processed as a liquid industrial waste at a licensed liquid industrial waste facility pursuant to Part 121 of the Liquid Industrial Waste, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (Act 451), provided the disposal is consistent with the licensed liquid waste facility processor acceptance policies.

Records Furnish a complete waste disposal manifest for each load prepared by the Contractor with copies to the Engineer containing information on the point of generation including roadway, the volume transported, and the name of licensed disposal facility.

Contractor Responsibility for Method of Operations. This specification sets forth minimum steps to avoid violating environmental laws. It remains the responsibility of the Contractor to determine whether more than those minimum steps are required and to perform the work required by this contract in whatever manner may be required to comply with applicable laws. The Contractor shall be liable to the Department for any fines, costs, or remediation costs incurred by the Department as a result of the Contractor's failure to be in compliance with this specification and all federal, state and local laws.

Measurement and Payment: All costs associated with the collecting, handling, transporting by contractor or licensed industrial waste hauler, manifesting the waste, managing the diamond grinding slurry, and disposing will not be paid for separately but will be included in the payment for other items of work. All costs associated with full compliance with applicable laws regardless of whether or not all applicable laws are cited in this special provision or in the Standard Specification for Construction will be borne by the Contractor.

SPECIAL PROVISION
FOR
DOWEL BARS

Revise the fifth and sixth sentences of Article 1006.11(b) of the Standard Specifications to read:

"The bars shall be epoxy coated according to AASHTO M 284, except the thickness of the epoxy shall be 7 to 12 mils (0.18 to 0.30 mm) and patching of the ends will not be required. The epoxy coating applicator shall be certified according to the current IDOT Bureau of Materials and Physical Research Policy Memorandum, "Epoxy Coating Plant Certification Procedure". The Department will maintain an approved list."

Basis of Payment. Dowel Bars required for Pavement Patching or placement of P.C. Concrete Pavement will NOT be paid for separately. The cost of the dowel bars will be included in the cost for the respective pavement replacement item. Contraction joints requiring the use of dowel bars will be located at the direction of the Engineer and placed in accordance with the applicable Illinois Department of Transportation Standard or Specification as well as any other note, detail or standard contained in the project plans and specifications.

SPECIAL PROVISION
FOR
DIAMOND GRINDING CONCRETE PAVEMENT

Description. This work involves grinding an existing PCC pavement surface for profile improvement, for use as a traffic surface, using a diamond grinder. Grinding and texturing shall be performed at the locations shown in the contract documents.

Grinding shall not extend across bridges unless specifically designated.

Equipment. Grinding operations will utilize diamond blades mounted on a self propelled machine designed for grinding and texturing pavement. The equipment shall be such that it will not cause strain or damage to the underlying surface of the pavement. Grinding equipment that causes ravels, aggregate fractures, spalls, or disturbance to the transverse or longitudinal joints will not be permitted. Vacuuming equipment for removal of residue and excess water shall be used. The equipment will have a positive means of extracting the slurry material from the pavement and for preventing dust from escaping into the air.

Preconstruction Information. Prior to construction a set of cores from within the project limits may be available for the contractor to examine and perform any tests on. The cores may be available at the Cook County Department of Transportation and Highways Maintenance District 3, Material Testing Office.

Construction. Pavement surface repair (diamond grinding) shall consist of grinding and texturing the entire surface of the pavement in a longitudinal direction. The area ground shall not be left slick or polished. Substantially the entire surface area of the pavement shall be ground and textured until the pavement surface on both sides of the transverse joints and all cracks are in the same plane and meet the smoothness required. In each lane, at least 95 percent of the area in each 100 foot section shall have a newly ground surface. Except at joints and cracks, grinding shall not exceed ½ inch in depth. The ground surface shall be of uniform texture.

Grinding shall be discontinued when there is danger of water freezing.

Reflective Pavement Markers (RPM) are to be removed prior to the grinding operation. New RPM will be installed after completion of the grinding. Pay items have been included for removal and installation of RPM.

For multiple passes, the equipment shall be carefully controlled to minimize the overlap. Overlaps shall not exceed approximately 1 inch.

When more than one grinding machine is used in the same travel lane, the blade segment thickness, blade spacings, and blade diameter shall be similar so that the texture of the ground surface is reasonably uniform across the lane.

Grinding shall result in a parallel corduroy type texturing consisting of grooves between 2 millimeters and 3 millimeters wide. The distance between grooves shall be between 2 millimeters and 3 millimeters. The peaks of the ridge shall average approximately 2 millimeters higher than the bottom of the grooves. The finished texture shall be uniform. The transverse slope of the pavement shall be uniform to a degree that no depressions or misalignment of slope grater than 3 millimeters in 3 meters exists when tested with a 3

meter straightedge. Straightedge requirements do not apply across longitudinal joints or outside ground areas. Adequate cross slope drainage must result after grinding so that no ponding of water exists.

When included as part of the contract; Pavement patching (including pavement replacement for drainage and utilities), curb and gutter removal and replacement, median removal and replacement, structure adjustments, dowel retrofit, pavement widening and removal of raised reflective pavement markers shall all be done prior to diamond grinding. Joint sealing, reinstallation of raised reflective pavement markers, replacement of survey markers or monuments and permanent pavement striping must be done after diamond grinding. The Engineer will direct the timing of work for detector loop installation.

Limitations. Lane closures necessary to accomplish this work shall be shown in the contract documents, or as directed by the Engineer. The entire roadbed shall be opened to traffic at the end of the working period. Uncompleted sections may be opened to traffic without completion of grinding across an entire lane.

Removal of all slurry or residue resulting from the grinding operations shall be continuous and shall not be deposited on the slab or shoulder. Pavement and paved shoulders must be left in a clean condition.

Disposal of grinding residue shall meet the following requirements:

1) At no time will the grinding residue be allowed to enter a closed drainage system. The Contractor is responsible for providing suitable means to restrict the infiltration of the grinding residue into the closed drain system at no additional cost.

2) The Contractor will be responsible for hauling the grinding residue to a suitable location at no additional cost.

3) Residue will not spread within 30 meters of any natural stream or lake.

4) Residue will not spread within 1.5 meters of a water filled ditch.

5) The spread rate will not generate surface runoff. The Contractor will haul the grinding residue to a suitable location when surface runoff occurs at the grinding location at no additional cost.

6) Residue shall not be permitted to flow across lanes occupied by public traffic.

The Contractor shall obtain approval of the spreading/disposal method from the Engineer prior to beginning the grinding operation.

Pavement Markings. Temporary Pavement Marking Tape, Type III Line shall be installed on the pavement according immediately after permanent markings have been ground away. This is required on a daily basis when diamond grinding operations occur. Temporary pavement markings shall be installed according to Section 703 of the Standard Specifications for Road and Bridge Construction.

Measurement and Payment.

Diamond Grinding Concrete Pavement will be measured by area in square yards. Pay areas will include the final textured surface area. Minor areas of untextured pavement will be included in the measurement. Minor areas shall total no more than 5 percent of the designated area to be textured.

The work of collection, hauling and spreading of the grinding residue is included in the contract unit price for Diamond Grinding Concrete Pavement. Payment for additional passes or regrinding to meet ride quality requirements will not be paid for separately.

The completed work as measured for Diamond Grinding Concrete Pavement will be paid for at the contract Unit Bid Price per Sq. Yd. of Diamond Grinding Concrete Pavement.

The cost for Temporary Pavement Marking Tape, Type III Line will be considered incidental to the cost of Traffic Protection.

SPECIAL PROVISION
FOR
CRACK ROUTING AND SEALING

The following crack preparation and sealing material will be used:

Materials. The material will conform to ASTM Specification 3405 and Federal Specification SS-S-1401C.

Sealant Equipment. Equipment used to melt and dispense the Rubberized Asphalt will be designed for that purpose. The material will be melted in a double boiler, oil-jacketed melter; equipped with a mechanical agitator, which will be in continuous use while the unit is in operation.

Routing and Cleaning of Cracks and Joints. No crack or joint less than 1/4 inch in width will be routed, cleaned or sealed without the permission of the Engineer. Those cracks and/or joints greater than 1/4 inch will be routed to a depth of 3/4 inch using suitable routing equipment. All cracks and joints will be blown clean with 90 p.s.i. of oil-free, compressed air.

Placing of Sealant. Immediately prior to placing the sealant, all cracks and joints will be dry. Care will be exercised to ensure that the final bead of sealant will be flush or slightly recessed when cured on the day following placement.

Touch-Up Work. If the application is not successful, for any reason, the contractor will be required to rout, clean and reseal all areas that have failed. This work will be done at the contractor's expense.

Method of Measurement and Basis of Payment. The cleaning and filling of cracks will be paid for per Foot for Crack Routing and Sealing which will include all materials, equipment, labor and traffic control as required to complete the work.

Schedule of Work. This work will take place after the placement of the final lift of Hot-Mix-Asphalt Surface. The need for crack sealing and the locations for this work will be determined by the Engineer. Some of this work may be required before the project completion date specified in the Contract. However, some or all of the work may be required after the contract completion date, typically, in the next calendar year to repair reflective cracks.

SPECIAL PROVISION
FOR
SURVEY MONUMENTS

Description. The Contractor shall cause all work necessary to be performed for the preservation, relocation and erection of Survey Monuments at all points hereinafter described. Installation shall be made in accordance with the details shown on plans.

Survey Monuments. All section, quarter section or other government established corners which are discovered or known to exist within the limits of the proposed improvement are to be re-established (as later specified) in accordance with the details shown on the Standard Design for Cook County Survey Monuments. All section corners located within the project limits or as called out on the plans will be located by a Registered Land Surveyor and a physical monument installed at the located corner in accordance with the details specified below. This will be done even if an existing monument is not found at that corner.

Placing Monuments. When monuments are located within the limits of the proposed improvements, they shall not be disturbed by the Contractor until a Registered Land Surveyor shall have made such reference as may be necessary to preserve their location. After the pavement is laid, the original location of the monuments shall be identified by placing in position, vertically above or below the original location, the new monuments which shall comply with details shown on the Standard Designs. In case monuments do not fall within the limits of the pavement, the monument shall be placed in a 2-1/2 inch wrought iron pipe, 3 feet long, driven flush with the ground surface and grouted as shown on the aforesaid Standard design. The plugs for this purpose shall be furnished by a Registered Land Surveyor and shall be set securely and in a workmanlike manner flush with the surface of the ground or pavement in accordance with the requirements of the law and under the direction of a Registered Land Surveyor. When section corners without existing monumentation are located within the project limits or as specifically directed in the plans, that corner shall be located and monumented as described above.

Plat. The location of all monuments to be preserved, reset or erected within the limits of the improvement shall be shown on a plat or plats which delineates and describes each corner monument. Preparation of the above plat must conform with Illinois Public Act 79-649, entitled "An Act to provide for the perpetuation of land survey Monuments". Each plat shall be recorded by the Surveyor in the office of the County Recorder. Copies of the plat or plats, as recorded and bearing the appropriate document number, shall be furnished to and become the property of the Cook County Department of Transportation and Highways (one copy to the Pavement Geometrics Division - Survey Section and one copy to the Right of Way Bureau).

Basis of Payment. This work will be paid for at the contract unit price each for Survey Momuments, relocated and erected within the limits of the improvement or as specifically directed in the plans, which price shall include the cost of all labor, tools and materials used in the performance of preserving, relocating and identifying the monuments, as well as the salary and expense of the Registered Land Surveyor while engaged in this work.

SPECIAL PROVISION
FOR
SOILS INFORMATION

All soils information upon which the design was prepared is available for examination by all prospective bidders at the office of the Cook County Department of Transportation and Highways. Information may also be posted on the Transportation and Highways Department ftp site along with the contract plans. All interested parties are advised to access this site to review any posted information. Instructions for accessing this site are found on page 1 of this document. Information regarding Clean Construction Debris and Demolition (CCDD), if applicable to the project, may be found in the special provision.

Any information shown on the plans, posted online, available in the Transportation and Highways Department offices or contained in the Special Provisions pertaining to subsurface exploration, borings, test pits, roadway cores and other preliminary investigations represents only the best knowledge of the Department as to the location, character or quantity of the materials encountered and is only included for the convenience of the bidder. The Department assumes no responsibility whatever in respect to the sufficiency or accuracy of the information, and there is no guaranty, either expressed or implied, that the conditions indicated are representative of those existing throughout the work, or that unanticipated developments may not occur.

The bidder will be permitted to see and examine this information for whatever value he considers it worth. Any additional borings deemed necessary by the bidder shall be made at his own expense. It is expected that each bidder will, prior to submitting his bid, visit the site of the work, examine the local conditions, inform himself as to the accessibility of the work, and ascertain the character of the material to be excavated and obtain such available information as will assist him to make an intelligent bid. Failure of a bidder to make such an examination may be held to be sufficient reason to reject his bid. No allowance will be made for failure of a bidder or contractor to estimate the difficulties attending the execution of the work.

SPECIAL PROVISION
FOR
CRUSHED STONE (TEMPORARY USE)

Description. This work shall consist of furnishing and placing crushed stone for temporary use to provide and maintain ingress and egress to abutting properties during construction operations. It shall be used for access to intersecting roadways, alley returns, crosswalks and other places required by the Engineer. The crushed stone or gravel shall have a gradation of CA6 or CA10 conforming to Article 1004.01 of the State Standard Specifications. Excess materials recovered from the job site such as bituminous grindings and sub-base granular materials from existing pavements may be utilized at the discretion of the Engineer.

Basis of Payment. This work will be paid for at the Lump Sum for Crushed Stone (Temporary Use). An estimated quantity may be given in the plans for informational use only. The Lump Sum payment shall include furnishing, transporting, placing, maintaining, reusing and the ultimate disposal of the Crushed Stone (Temporary Use) as herein specified or as directed by the Engineer.

SPECIAL PROVISION
FOR
AGGREGATE SUBGRADE (12 INCH)

This work shall be done in accordance with the applicable portions of Section 207 of the Standard Specifications. The material shall conform to Article 1004.05 of the Standard Specifications except as follows:

1. Crushed Stone, Crushed Blast Furnace Slag, and Crushed Concrete will be permitted. Steel slag and other expansive materials as determined through testing by the Department will not be permitted.

Sieve Size	Percent Passing
6 inches (150mm)	97±3
4 inches (100mm)	90±10
2 inches (50mm)	45±25
#200 (75 μm)	5±5

2. Gravel, Crushed Gravel, and Pit Run Gravel

Sieve Size	Percent Passing
6 inches (150mm)	97±3
4 inches (100mm)	90±10
2 inches (50mm)	55±25
#4 (4.75mm)	30±20
#200 (75 μm)	5±5

3. Crushed Concrete with Bituminous Materials*

Sieve Size	Percent Passing
6 inches (150mm)	97±3
4 inches (100mm)	90±10
2 inches (50mm)	45±25
#4 (4.75mm)	20±20
#200 (75 μm)	5±5

*The Bituminous material shall be separated and mechanically blended with the crushed concrete so that the bituminous material does not exceed 40% of the final product. The top size of the bituminous material in the final product shall be less than 4 inches (100mm) and shall not contain more than 10.0% steel slag RAP or any material that is considered expansive by the Department.

The Aggregate Subgrade shall be placed in two lifts consisting of a 9 inch (225mm) and variable nominal thickness lower lift and a 3 inch (75 mm) nominal thickness top lift of capping aggregate having a gradation of CA 6. The CA 6 may be blended as follows. The bituminous materials shall be separated and mechanically blended with interlocking feeders with crushed concrete or natural aggregate, in a manner that the bituminous material does not exceed 40% of the final product. This process shall be approved by the Engineer prior to start of production. The top side of the bituminous material in the final products shall be less than 1½ inch (37.5mm) and shall not contain any material considered expansive by the department. Reclaimed Asphalt Pavement (RAP) (having a maximum of 10% steel slag RAP) meeting the requirements of Article 1031 of the Standard Specifications and having 100% passing the 1½ inch (37.5mm) sieve and well graded down through fines may also be used as capping aggregate. IDOT testing of the RAP material will be the determining factor for determining the percent steel slag RAP or Expansive Material. When the contract specifies that an aggregate subbase is to be placed on the Aggregate Subgrade, the 3 inch (75 mm) of capping aggregate will be eliminated. A vibratory roller meeting the requirements of Article 1101.01(g) of the Standard Specifications shall be used to roll each lift of material to obtain the desired keying or interlock and necessary compaction. The Engineer will verify that adequate keying has been obtained.

When a recommended remedial treatment for unstable subgrades is included in the contract, the lower lift of Aggregate Subgrade may be placed simultaneously with the material for Porous Granular Embankment, Subgrade when the total thickness to be placed is 2 feet (600mm) or less.

Method of Measurement.

1) Contract Quantities. Contract quantities shall be in accordance with Article 202.07.

2) Measured Quantities. Aggregate Subgrade will be measured in place and the area computed in square yards (square meters).

Basis of Payment. This work will be paid for at the contract unit price per square meter (square yard) for Aggregate Subgrade (12 Inch), which price shall include the capping aggregate.

SPECIAL PROVISION
FOR
P.C. CONCRETE SURFACE FINISH

All P.C. Concrete Pavement shall have a Type B final finish as specified in Article 420.09 (e)(2) of the Standard Specifications.

SPECIAL PROVISION
FOR
CUTTING HOT-MIX ASPHALT SURFACE

Description. This work shall consist of the cutting of the hot-mix asphalt surface wherever indicated and to the depth as shown on the plans and as required by the Engineer.

The hot-mix-asphalt surface shall be cut to a straight line and a vertical plane by a method approved by the Engineer.

It shall be the responsibility of the Contractor to determine the thickness of the existing hot-mix-asphalt surface course as well as underlying pavement layers as may be impacted by the required cutting. No additional compensation will be allowed because of variations from the assumed thicknesses or from the thicknesses shown on the plans.

Basis of Payment. This work will be paid for at the Contract Unit Price per Foot for Cutting Hot-Mix Asphalt Surface.

SPECIAL PROVISION
FOR
HOT-MIX-ASPHALT DRIVEWAY SURFACE REMOVAL

Description. This work shall consist of the removal and satisfactory disposal of the hot-mix-asphalt driveway surface course wherever indicated on the plans and as required by the Engineer.

The existing hot-mix-asphalt driveway surface shall be removed to the depth as shown on the plans or as directed by the Engineer.

This work shall immediately precede the construction of the work for which the removal is required.

Equipment and methods used for removing the driveway surface shall be such as to prevent cracking, shattering or spalling and to provide a straight line cut and vertical plane at the limits of the removal area when adjacent to driveway or parking lot surface remaining in place. The equipment used to remove the material shall be approved by the Engineer.

If the bituminous driveway surface material being removed is to be used in embankment, it shall conform to and be placed and compacted in accordance with Section 205. If all or part of this material is to be disposed of outside the right of way, it shall be disposed of by the Contractor at his expense and in accordance with Section 202.

Basis of Payment. This work will be paid for per Square Yard for Hot-Mix-Asphalt Driveway Surface Removal which shall include all labor, equipment and disposal of the material removed. In addition, any temporary ramps or butt joints which may be required to maintain access to adjacent properties or sidewalks, as directed by the Engineer, will not be paid for separately, but will be included in the cost of this item.

APPROACH SLAB REPAIR
Effective: March 13, 1997
Revised: September 25, 2009

Description.
This work shall consist of hot-mix asphalt surface removal, when required, the removal and disposal of all loose and deteriorated concrete and the replacement with new concrete to the original top of approach slab. The work shall be done according to the applicable requirements of Sections 501, 503 and 1020 of the Standard Specifications and this Special Provision.

Approach slab repairs will be classified as follows:

(a) Partial-Depth. Partial-depth repairs shall consist of removing the loose and unsound approach slab concrete, disposing of the concrete removed and replacing with new concrete. The removal may be performed by chipping with power driven hand tools or by hydro-equipment. The depth shall be measured from the original concrete surface, at least 3/4 inch (20 mm) but not more than 5 1/2 inches (140 mm) unless otherwise specified on the plans.

(b) Full-Depth. Full-depth repairs shall consist of removing concrete full-depth of the slab, disposing of the concrete removed, and replacing with new concrete to the original approach slab surface. The removal may be performed with power driven hand tools or by hydro-equipment.

Materials.
All materials shall be according to Article 1020.02.

Portland cement concrete for partial and full-depth repairs shall be according to Section 1020. Class PP-1, PP-2, PP-3, or PP-4 concrete shall be used at the Contractor's option.

Grout. The grout for bonding new concrete to old concrete shall be proportioned by mass (weight) and mixed at the job site, or it may be ready-mixed if agitated while at the job site. The bonding grout shall consist of one part portland cement and one part sand, mixed with sufficient water to form a slurry. The bonding grout shall have a consistency allowing it to be scrubbed onto the prepared surface with a stiff brush or broom leaving a thin, uniform coating that will not run or puddle in low spots. Grout that can not be easily and evenly applied or has lost its consistency may be rejected by the Engineer. Grout that is more than two hours old shall not be used.

Equipment:

The equipment used shall be subject to the approval of the Engineer and shall meet the following requirements:

(a) Surface Preparation Equipment. Surface preparation and concrete removal equipment shall comply with the applicable portions of Section 1100 of the Standard Specifications and the following:

(1) Sawing Equipment. Sawing equipment shall be a concrete saw capable of sawing concrete to the specified depth.

(2) Blast Cleaning Equipment. The blast cleaning may be performed by wet sandblasting, high-pressure waterblasting, abrasive blasting, or other methods approved by the Engineer. Blast cleaning equipment shall be capable of removing rust and old concrete from exposed reinforcement bars. Oil traps will be required.

(3) Power-Driven Hand Tools. Power-driven hand tools will be permitted including jackhammers lighter than the nominal 45 pound (20 kg.) class. Chipping hammers heavier than a nominal 15 pound (6.8 kg.) class shall not be used for removing concrete from below any reinforcing bar for partial depth repairs or final removal at the boundary of full-depth repairs. Jackhammers or chipping hammers shall not be operated at an angle in excess of 45 degrees measured from the surface of the slab.

(4) Hydro-Scarification Systems. The hydro-scarification equipment shall consist of filtering and pumping units operating with a remote-controlled robotic device. The equipment may use river, stream or lake water. Operation of the equipment shall be performed and supervised by qualified personnel certified by the equipment manufacturer. Evidence of certification shall be presented to the Engineer. The equipment shall be capable of removing concrete to the specified depth and removing rust and concrete particles from exposed reinforcing bars. Hydro-scarification equipment shall be calibrated before being used and shall operate at a minimum of 18,000 psi (124 MPa).

(b) Concrete Equipment: Equipment for proportioning and mixing the concrete shall comply with the applicable requirements of Section 1103 of the Standard Specifications.

(c) Placing and Finishing Equipment: Placing and finishing equipment shall be according to Article 1103.17 of the Standard Specifications. Adequate hand tools will be permitted for placing and consolidating concrete in the patch areas and for finishing small patches.

Construction Requirements:
Sidewalks, curbs, drains, reinforcement and/or existing transverse and longitudinal joints which are to remain in place shall be protected from damage during removal and cleaning operations. All damage caused by the Contractor shall be corrected, at the Contractor's expense, to the satisfaction of the Engineer.

The Contractor shall control the runoff water generated by the various construction activities in such a manner as to minimize, to the maximum extent practicable, the discharge of construction debris into adjacent waters, and shall properly dispose of the solids generated according to

Article 202.03. Runoff water will not be allowed to constitute a hazard on adjacent or underlying roadways, waterways, drainage areas or railroads nor be allowed to erode existing slopes.

(a) Hot-Mix Asphalt Surface Removal.

The hot-mix asphalt surface course shall be removed and disposed of according to applicable portions of Articles 440.04 and 440.06 of the Standard Specifications. If the overlay contains asbestos fibers, removal shall be according to the Special Provision for "Asbestos Waterproofing Membrane or Asbestos Bituminous Concrete Surface Removal". Removal of the hot-mix asphalt surface by the use of radiant or direct heat will not be permitted.

(b) Surface Preparation:

All loose, disintegrated and unsound concrete shall be removed from portions of the approach slab shown on the plans or as designated by the Engineer. The Engineer will determine the limits of removal as the work progresses.

The Contractor shall take care not to damage reinforcement bars or expansion joints which are to remain in place. Any damage to reinforcement bars or expansion joints shall be corrected at the Contractor's expense. All loose reinforcement bars, as determined by the Engineer, shall be retied at the Contractor's expense.

(1) Partial-Depth. Areas to be repaired will be determined and marked by the Engineer. A concrete saw shall be used to provide vertical edges approximately 3/4 inch (20 mm) deep around the perimeter of the area to be patched when an overlay is not specified. Where high steel is present, the depth may be reduced as directed by the Engineer. A saw cut will not be required on those boundaries along the face of the curb, parapet or joint or when sharp vertical edges are provided by hydro-scarification.

The loose and unsound concrete shall be removed by chipping, with power driven hand tools or by hydro-equipment. All exposed reinforcing bars and newly exposed concrete shall be thoroughly blast cleaned. Where, in the judgment of the Engineer, the bond between existing concrete and reinforcement steel within the patch area has been destroyed, the concrete adjacent to the bar shall be removed to a depth that will permit new concrete to bond to the entire periphery of the exposed bar. A minimum of 1 inch (25 mm) clearance will be required. The Engineer may require enlarging a designated removal area should inspection indicate deterioration beyond the limits previously designated. In this event, a new saw cut shall be made around the extended area before additional removal is begun. The removal area shall not be enlarged solely to correct debonded reinforcement or deficient lap lengths.

(2) Full-Depth. Concrete shall be removed as determined by the Engineer within all areas designated for full-depth repair and in all designated areas of partial depth repair in which unsound concrete is found to extend below a depth of 5 1/2 inches (140 mm) unless otherwise specified on the plans. Full depth removal shall be performed according to Article 501.05 of the Standard Specifications. A concrete saw shall be used to provide vertical edges approximately 3/4 inch (20 mm) deep around the perimeter of the area to be patched when an overlay is not specified. A saw cut will not be required on those boundaries along the face of the curb, parapet or joint or when sharp vertical edges are provided by hydro-scarification. The saw cut may be omitted if the deck is to receive an overlay.

All voids under full depth repair areas shall be filled with a suitable material that meets the approval of the Engineer.

(3) Reinforcement Treatment. Care shall be exercised during concrete removal to protect the reinforcement bars from damage. Any damage to the reinforcement bars to remain in place shall be repaired or replaced to the satisfaction of the Engineer at the Contractor's expense. All existing reinforcement bars shall remain in place except as herein provided for corroded bars. Tying of loose bars will be required. Any existing reinforcement bars which have a loss of more than 25% of their cross section through corrosion shall be replaced in kind with new steel as directed by the Engineer. No welding of bars will be permitted and new bars shall be lapped a minimum of 32 bar diameters to existing bars. An approved "squeeze type" mechanical bar splicer capable of developing in tension at least 125 percent of the yield strength of the existing bar shall be used when it is not feasible to provide the minimum bar lap.

(4) Cleaning. Immediately after completion of the concrete removal and reinforcement repairs, the repair areas shall be cleaned of dust and debris. Once the initial cleaning is completed, the repair areas shall be thoroughly blast cleaned to a roughened appearance free from all foreign matter. Particular attention shall be given to removal of concrete fines. Any method of cleaning which does not consistently produce satisfactory results shall be discontinued and replaced by an acceptable method. All debris, including water, resulting from the blast cleaning shall be confined and shall be immediately and thoroughly removed from all areas of accumulation. If concrete placement does not follow immediately after the final cleaning, the area shall be carefully protected with well-anchored polyethylene sheeting.

Exposed reinforcement bars shall be free of dirt, detrimental scale, paint, oil, or other foreign substances which may reduce bond with the concrete. A tight non-scaling coating of rust is not considered objectionable. Loose, scaling rust shall be removed by rubbing with burlap, wire brushing, blast cleaning or other methods approved by the Engineer.

(c) Placement & Finishing of Concrete Repair:

(1) Grout Placement. After the repair areas have been cleaned and immediately prior to concrete placement, the grout shall be applied to a dampened surface. A thin layer of grout shall be thoroughly scrubbed into the deck surface. All vertical as well as horizontal surfaces shall receive a thorough, even coating. The rate of grout placement shall be limited so the brushed grout does not dry out before it is covered with concrete. Grout that has become dry and chalky shall be blast cleaned and replaced at the Contractor's expense. No concrete shall be placed over dry grout.

(2) Concrete Placement.

The concrete shall be placed and compacted according to Article 503.07 of the Standard Specifications and as herein specified. Article 1020.14 shall apply, except for the requirement to use an approved retarding admixture when the plastic concrete reaches 30°C (85°F).

When an overlay system is not specified, the patches shall be finished according to Article 503.16 of the Standard Specifications, followed by a light brooming.

(d) Curing.

Concrete patches shall be cured by the Wetted Burlap Method according to Article 1020.13 (a)(3), and the curing period shall be 72 hours. In addition to Article 1020.13, when the air temperature is less than 55° F (13° C), the Contractor shall cover the patch with minimum R12 insulation. Insulation is optional when the air temperature is 55° F - 90° F (13° C - 32° C). Insulation shall not be placed when the air temperature is greater than 90° F (32° C). A 72-hour minimum drying period shall be required before placing waterproofing or hot-mix asphalt surfacing.

(e) Opening to Traffic.

No traffic or construction equipment will be permitted on the repairs until after the specified cure period and the concrete has obtained a minimum compressive strength of 4000 psi (27.6 MPa) or flexural strength of 675 psi (4.65 MPa) unless permitted by the Engineer.

Construction equipment will be permitted on a patch during the cure period if the concrete has obtained the minimum required strength. In this instance, the strength specimens shall be cured with the patch.

Method of Measurement.

When specified, hot-mix asphalt surface removal and full or partial depth repairs will be measured for payment and computed in square yards (square meters).

Basis of Payment.

The hot-mix asphalt surface removal will be paid for at the contract unit price per square yard (square meter) for HOT-MIX ASPHALT SURFACE REMOVAL (DECK). Areas removed and replaced up to and including a depth of 5 1/2 inches (140 mm) or as specified will be paid for at the contract unit price per square yard (square meter) for APPROACH SLAB REPAIR (PARTIAL DEPTH). Areas requiring removal greater than a depth of 5 1/2 inches (140 mm) shall be removed and replaced full depth and will be paid for at the contract unit price per square yard (square meter) for APPROACH SLAB REPAIR (FULL DEPTH).

When corroded reinforcement bars are encountered in the performance of this work and replacement is required, the Contractor will be paid according to Article 109.04 of the Standard Specifications.

No payment will be allowed for removal and replacement of reinforcement bars damaged by the Contractor in the performance of his/her work or for any increases in dimensions needed to provide splices for these replacement bars.

Removal and disposal of asbestos waterproofing and/or asbestos hot-mix asphalt will be paid for as specified in the Special Provision for "Asbestos Waterproofing Membrane or Asbestos Bituminous Concrete Surface Removal".

SILICONE BRIDGE JOINT SEALER
Effective: August 1, 1995
Revised: October 15, 2011

Description. This work shall consist of furnishing all labor, equipment and materials necessary to install the silicone joint sealer as shown on the plans and as specified herein.

When specified, a polymer concrete nosing compatible with the silicone sealant as required by the sealant manufacturer shall be installed. The minimum dimensions for a polymer concrete nosing cross section are 1 1/2 in. (40 mm) deep by 3 1/2 in. (90 mm) wide. The polymer concrete shall be furnished and installed according to the Special Provision for "Polymer Concrete".

Materials:

(a) Silicone Joint Sealer. The silicone joint sealer shall cure in less than one week, and shall accommodate typical bridge movements and traffic within 8 hours. The sealant shall be self-leveling, cold applied, and two component. The sealant, upon curing, shall demonstrate resilience, flexibility and resistance to moisture and puncture. The sealant shall also demonstrate excellent adhesion to portland cement concrete, polymer concrete and steel over a range of temperatures from -30 to 130°F (-34 to 54°C) while maintaining a watertight seal. The sealant shall not contain any solvents or diluents that cause shrinkage or expansion during curing. In addition, acid cure sealants will not be permitted. The date of manufacture shall be provided with each lot. Materials twelve months old or older from the date of manufacture will not be accepted. The manufacturer shall certify that the sealant meets or exceeds the following test requirements before installation begins. The Department reserves the right to test representative samples from material proposed for use.

Physical Properties:

Each component as supplied:	
Specific Gravity (ASTM D 1475)	1.2-1.4
Extrusion Rate (ASTM C 1183)	200 - 600 grams per minute
Durometer Hardness, "00" (ASTM C 661) (32°F and 77 ± 3°F (0° and 25°C ± 1°C))	40-80
Accelerated Weathering (ASTM C 793)	No chalking, cracking or bond loss after 5,000 hours.
After Mixing:	
Tack Free Time (ASTM C 679)	60 minutes max.

Upon Complete Cure: (ASTM D 5329)

Joint Elongation (Tensile Adhesion)	600% min
Joint Modulus	3-15 psi (21-103 kPa) @ 100% elongation

[1]Modified; Sample cured 7 days at 77 ± 2°F (25±1°C) 50 ± 5% relative humidity

(b) Backer Rod. The backer rod shall conform to ASTM D 5249, Type 3.

CONSTRUCTION REQUIREMENTS

General. The Contractor shall furnish the Engineer with the manufacturer's product information and installation procedures at least two weeks prior to installation.

When placing the silicone against concrete, the concrete surface shall be dry. For newly placed concrete, the concrete shall be fully cured and allowed to dry out a minimum of seven additional days prior to placement of the silicone. Cold, wet, inclement weather will require an extended drying time.

(a) Surface Preparation:

(1) Sandblasting. Both faces of the joint shall be sandblasted. A separate pass for each face for the full length of the joint and to the design depth of the center of the backer rod will be required. The nozzle shall be held at an angle of 30-90 degrees to the joint face, at a distance of 1 – 2 in. (25-50 mm).

For portland cement concrete and polymer concrete surfaces, sandblasting will be considered acceptable when both joint faces have a roughened surface with clean, exposed aggregate. The surface shall be free of foreign matter or plastic residue.

For steel surfaces, sandblasting will be considered acceptable when the steel surfaces have been cleaned to an SSPC-SP10 degree of cleanliness.

After sandblasting is completed, the joint shall be cleaned of debris using compressed air with a minimum pressure of 90 psi (620 kPa). The air compressor shall be equipped with traps to prevent the inclusion of water and/or oil in the air line.

(2) Priming. Priming shall be according to the manufacturer's instructions. This operation will immediately follow sandblasting and cleaning, and will only be permitted to proceed when the air and substrate temperatures are at least 41°F (5°C) and rising. Sandblasting, priming and sealing shall be performed on the same day. Surfaces to be primed shall be primed using a brush applied primer. For steel surfaces, when specified per the manufacturer's instructions, the primer shall be allowed to cure before proceeding. The minimum cure time shall be extended according to the manufacturer's recommendations when the substrate temperature is below 60°F (15°C).

The primer shall be supplied in original containers and shall have a "use-by" date clearly marked on them. Only primer, freshly poured from the original container into clean pails will be permitted. The primer shall be used immediately. All primer left in the pail after priming shall be disposed of and shall not be reused.

(b) Joint Installation:

(1) Backer Rod Placement. The backer rod shall be installed to a uniform depth as specified on the plans and as recommended by the manufacturer. All splices in the backer rod shall be taped to prevent material loss during sealing. The backer rod shall be installed to within 1/8 in. (3 mm) tolerance prior to sealing.

(2) Sealant Placement. The sealant shall be 1/2 in. (13 mm) thick within ± 1/8 in. (3 mm) tolerance as measured in the center of the joint at the thinnest point. The sealant thickness shall be measured during installation every ±2 ft. (±600 mm). Adjustments to correct sealant thickness to within tolerance shall be made immediately before the sealant begins to set up. Sealant placement will only be permitted when the air and substrate temperatures are above 41 °F (5 °C) and 5°F (2.8°C) above the dew point. The joint shall be kept clean and dry during sealing. If the joint becomes wet and/or dirty during sealing, the operation shall stop until the joint has been restored to a clean and dry state.

Sealing shall be performed using a pneumatic gun approved by the sealant manufacturer. Prior to sealing, the gun shall be inspected to insure that it is in proper working order and that it is being operated at the recommended air pressure.

The gun shall demonstrate proper mixing action before sealant is placed in the joint. All unmixed sealant found in the joint shall be removed and replaced.

After the Engineer has determined that the pneumatic gun is functioning properly, the joint shall be sealed to the thickness and depth as shown on the plans. The sealant shall achieve initial set before opening the joint to traffic.

End of seal treatment at vertical faces of curbs, sidewalks or parapets shall be as recommended by the manufacturer and as shown on the plans.

Sealant placed incorrectly shall be removed and replaced by the Contractor.

(3) Field Testing. A minimum of one joint per bridge per joint configuration will be tested by the Engineer by performing a "Pull Test". The sealant shall cure for a minimum of 24 hours before testing. The locations for the tests will be determined by the Engineer. The tests will be performed per the manufacturer's instructions. As part of the test, the depth and thickness of the sealant will be verified. All joint system installations failing to meet the specifications shall be removed and replaced, by the Contractor, to the satisfaction of the Engineer. In addition, the Pull Test is a

destructive test; the Contractor shall repair the joint after completion of the test per the manufacturer's instructions.

Method of Measurement. The installed joint sealer will be measured in feet (meters) along the centerline of the joint.

Basis of Payment. The silicone joint sealer measured as specified will be paid for at the contract unit price per foot (meter) for SILICONE JOINT SEALER, of the size specified. When a polymer concrete nosing is specified it shall not be included in this item but will be paid for according to the Special Provision for "Polymer Concrete".

DECK SLAB REPAIR
Effective: May 15, 1995
Revised: October 15, 2011

This work shall consist of hot-mix asphalt surface removal, when required, the removal and disposal of all loose and deteriorated concrete from bridge deck and the replacement with new concrete to the original top of deck. The work shall be done according to the applicable requirements of Sections 501, 503 and 1020 of the Standard Specifications and this Special Provision.

Deck slab repairs will be classified as follows:

(a) Partial-Depth. Partial-depth repairs shall consist of removing the loose and unsound deck concrete, disposing of the concrete removed and replacing with new concrete. The removal may be performed by chipping with power driven hand tools or by hydro-scarification equipment. The depth shall be measured from the top of the concrete deck surface, at least 3/4 in. (20 mm) but not more than 1/2 the concrete deck thickness.

(b) Full-Depth. Full-depth repairs shall consist of removing concrete full-depth of the deck, disposing of the concrete removed, and replacing with new concrete to the original concrete deck surface. The removal may be performed with power driven hand tools, hydraulic impact equipment, or by hydro-scarification equipment. Full-depth repairs shall be classified for payment as Full-Depth, Type I and Full-Depth, Type II according to the following:

Type I Full-depth patches less than or equal to 5 sq. ft. (0.5 sq m) in area. The minimum dimensions for a patch shall be 1 ft. x 1 ft. (300 mm x 300 mm).

Type II Full-depth patches greater than 5 sq. ft. (0.5 sq. m) in area.

Materials.

Materials shall be according to Article 1020.02.

Portland cement concrete for partial and full-depth repairs shall be according to Section 1020. Class PP-1, PP-2, PP-3, PP-4, PP-5 or BS concrete shall be used at the Contractor's option unless noted otherwise on the contract plans. For Class BS concrete, a CA 13, 14, or 16 shall be used. If the BS concrete mixture is used only for full depth repairs, a CA-11 may be used.

Equipment:

The equipment used shall be subject to the approval of the Engineer and shall meet the following requirements:

(a) Surface Preparation Equipment. Surface preparation and concrete removal equipment shall be according to the applicable portions of Section 1100 and the following:

(1) Sawing Equipment. Sawing equipment shall be a concrete saw capable of sawing concrete to the specified depth.

(2) Blast Cleaning Equipment. The blast cleaning may be performed by wet sandblasting, high-pressure waterblasting, shotblasting or abrasive blasting. Blast cleaning equipment shall be capable of removing rust and old concrete from exposed reinforcement bars, and shall have oil traps.

(3) Power-Driven Hand Tools. Power-driven hand tools will be permitted including jackhammers lighter than the nominal 45 lb. (20 kg) class. Chipping hammers heavier than a nominal 15 lb. (6.8 kg) class shall not be used for removing concrete from below any reinforcing bar for partial depth repairs, or for removal within 1 ft (300 mm) of existing beams, girders or other supporting structural members that are to remain in service or within 1 ft (300 mm) of the boundaries of full-depth repairs. Jackhammers or chipping hammers shall not be operated at an angle in excess of 45 degrees measured from the surface of the slab.

(4) Hydraulic Impact Equipment. Hydraulic impact equipment with a maximum rated striking energy of 360 ft-lbs (270 J) may be permitted only in areas of full depth removal more than 1 ft (300 mm) away from existing beams, girders or other supporting structural members that are to remain in service or more than 1 ft (300 mm) from the boundaries of full-depth repairs.

(5) Hydro-Demolition Equipment. The hydro-demolition equipment shall consist of filtering and pumping units operating with a remote-controlled robotic device. The equipment shall use water according to Section 1002. The equipment shall be capable of being controlled to remove only unsound concrete.

(b) Concrete Equipment: Equipment for proportioning and mixing the concrete shall be according to Article 1020.03.

(c) Finishing Equipment: Finishing equipment shall be according to Article 1103.17. Adequate hand tools will be permitted for placing and consolidating concrete in the patch areas and for finishing small patches.

Construction Requirements: Sidewalks, curbs, drains, reinforcement and/or existing transverse and longitudinal joints which are to remain in place shall be protected from damage during removal and cleaning operations.

The Contractor shall control the runoff water generated by the various construction activities in such a manner as to minimize, to the maximum extent practicable, the discharge of untreated effluent into adjacent waters, and shall properly dispose of the solids generated according to Article 202.03. The Contractor shall submit a water management plan to the Engineer

specifying the control measures to be used. The control measures shall be in place prior to the start of runoff water generating activities. Runoff water shall not be allowed to constitute a hazard to adjacent or underlying roadways, waterways, drainage areas or railroads nor be allowed to erode existing slopes.

(a) Hot-Mix Asphalt Surface Removal.

The hot-mix asphalt surface course and all waterproofing membrane shall be removed and disposed of according to applicable portions of Articles 440.04 and 440.06, except milling equipment will not be allowed if the deck is to receive a waterproofing membrane system. If the overlay or waterproofing membrane contains asbestos fibers, removal shall be in accordance with the Special Provision for "Asbestos Waterproofing Membrane or Asbestos Hot-mix Asphalt Surface Removal". Removal of the hot-mix asphalt surface by the use of radiant or direct heat will not be permitted.

(b) Surface Preparation:

All loose, disintegrated and unsound concrete shall be removed from portions of the deck slab shown on the plans or as designated by the Engineer. The Engineer will determine the limits of removal as the work progresses.

The Contractor shall take care not to damage reinforcement bars or expansion joints which are to remain in place. Any damage to reinforcement bars or expansion joints shall be corrected at the Contractor's expense. All loose reinforcement bars, as determined by the Engineer, shall be retied at the Contractor's expense.

(1) Partial-Depth. Areas to be repaired will be determined and marked by the Engineer. A concrete saw shall be used to provide vertical edges approximately 3/4 in. (20 mm) deep around the perimeter of the area to be patched when a concrete overlay is not specified. Where high steel is present, the depth may be reduced as directed by the Engineer. A saw cut will not be required on those boundaries along the face of the curb, parapet or joint or when sharp vertical edges are provided by hydro-demolition.

The loose and unsound concrete shall be removed by chipping, with power driven hand tools or by hydro-demolition equipment. All exposed reinforcing bars and newly exposed concrete shall be thoroughly blast cleaned. Where, in the judgment of the Engineer, the bond between existing concrete and reinforcement steel within the patch area has been destroyed, the concrete adjacent to the bar shall be removed to a depth that will permit new concrete to bond to the entire periphery of the exposed bar. A minimum of 1 in. (25 mm) clearance will be required. The Engineer may require enlarging a designated removal area should inspection indicate deterioration beyond the limits previously designated. In this event, a new saw cut shall be made around the extended area before additional removal is begun. The removal area shall not be enlarged solely to correct debonded reinforcement or deficient lap lengths.

(2) Full-Depth. Concrete shall be removed as determined by the Engineer within all areas designated for full-depth repair and in all designated areas of partial depth repair in which unsound concrete is found to extend below half the concrete deck thickness. Full depth removal shall be performed according to Article 501.05 except that hydraulic impact equipment may be permitted in areas of full depth removal more than 1 ft (300 mm) away from the edges of existing beams, girders or other supporting structural members or more than 1 ft (300 mm) from the boundaries of full-depth repairs. Saw cuts shall be made on the top of the deck, except those boundaries along the face of curbs, parapets and joints or where hydro-demolition provided sharp vertical edges. The top saw cut may be omitted if the deck is to receive an overlay.

Forms for full-depth repair may be supported by hangers with adjustable bolts or by blocking from the beams below. When approved by the Engineer, forms for Type 1 patches may be supported by No. 9 wires or other devices attached to the reinforcement bars.

All form work shall be removed after the curing sequence is complete and prior to opening to traffic.

(3) Reinforcement Treatment. Care shall be exercised during concrete removal to protect the reinforcement bars and structural steel from damage. Any damage to the reinforcement bars or structural steel to remain in place shall be repaired or replaced. All existing reinforcement bars shall remain in place except as herein provided for corroded bars. Tying of loose bars will be required. Reinforcing bars which have been cut or have lost 25 percent or more of their original cross sectional area shall be supplemented by new in kind reinforcement bars. New bars shall be lapped a minimum of 32 bar diameters to existing bars. An approved mechanical bar splice capable of developing in tension at least 125 percent of the yield strength of the existing bar shall be used when it is not feasible to provide the minimum bar lap. No welding of bars will be permitted.

(4) Cleaning. Immediately after completion of the concrete removal and reinforcement repairs, the repair areas shall be cleaned of dust and debris. Once the initial cleaning is completed, the repair areas shall be thoroughly blast cleaned to a roughened appearance free from all foreign matter. Particular attention shall be given to removal of concrete fines. Any method of cleaning which does not consistently produce satisfactory results shall be discontinued and replaced by an acceptable method. All debris, including water, resulting from the blast cleaning shall be confined and shall be immediately and thoroughly removed from all areas of accumulation. If concrete placement does not follow immediately after the final cleaning, the area shall be carefully protected with well-anchored polyethylene sheeting.

Exposed reinforcement bars shall be free of dirt, detrimental scale, paint, oil, or other foreign substances which may reduce bond with the concrete. A tight non-scaling

coating of rust is not considered objectionable. Loose, scaling rust shall be removed by rubbing with burlap, wire brushing, blast cleaning or other methods approved by the Engineer.

(c) Placement & Finishing of Concrete Repair:

(1) Bonding Method. The patch area shall be cleaned to the satisfaction of the Engineer and shall be thoroughly wetted and maintained in a dampened condition with water for at least 12 hours before placement of the concrete. Any excess water shall be removed by compressed air or by vacuuming prior to the beginning of concrete placement. Water shall not be applied to the patch surface within one hour before or at any time during placement of the concrete.

(2) Concrete Placement.

The concrete shall be placed and consolidated according to Article 503.07 and as herein specified. Article 1020.14 shall apply.

When an overlay system is not specified, the patches shall be finished according to Article 503.16 (a), followed by a light brooming.

(d) Curing and Protection.

Concrete patches shall be cured by the Wetted Burlap or Wetted Cotton Mat Method according to Article 1020.13 (a)(3) or Article 1020.13 (a)(5). The curing period shall be 3 days for Class PP-1, PP-2, PP-3, PP-4, and PP-5 concrete. The curing period shall be 7 days for Class BS concrete. In addition to Article 1020.13, when the air temperature is less than 55° F (13° C), the Contractor shall cover the patch according to Article 1020.13 (d)(1) with minimum R12 insulation. Insulation is optional when the air temperature is 55° F. - 90° F (13° C - 32° C). Insulation shall not be placed when the air temperature is greater than 90° F (32° C). A 72-hour minimum drying period shall be required before placing waterproofing or hot-mix asphalt surfacing.

(e) Opening to Traffic.

No traffic will be permitted on a patch until after the specified cure period, and the concrete has obtained a minimum compressive strength of 4000 psi (27.6 MPa) or flexural strength of 675 psi (4.65 MPa).

Construction equipment will be permitted on a patch during the cure period if the concrete has obtained the minimum required strength. In this instance, the strength specimens shall be cured with the patch.

Method of Measurement.

When specified, hot-mix asphalt surface removal and full or partial depth repairs will be measured for payment and computed in square yards (square meters).

Basis of Payment.

The hot-mix asphalt surface removal will be paid for at the contract unit price per square yard (square meter) for HOT-MIX ASPHALT SURFACE REMOVAL (DECK). Areas removed and replaced up to and including a depth of half the concrete deck thickness will be paid for at the contract unit price per square yard (square meter) for DECK SLAB REPAIR (PARTIAL). Areas requiring removal greater than a depth of half the concrete deck thickness shall be removed and replaced full depth and will be paid for at the contract unit price per square yard (square meter) for DECK SLAB REPAIR (FULL DEPTH, TYPE I) and/or DECK SLAB REPAIR (FULL DEPTH, TYPE II).

When corroded reinforcement bars are encountered in the performance of this work and replacement is required, the Contractor will be paid according to Article 109.04.

No payment will be allowed for removal and replacement of reinforcement bars damaged by the Contractor in the performance of his/her work or for any increases in dimensions needed to provide splices for these replacement bars.

Removal and disposal of asbestos waterproofing and/or asbestos bituminous concrete will be paid for as specified in the Special Provision for "Asbestos Waterproofing Membrane or Asbestos Hot-Mix Asphalt Surface Removal".

BRIDGE DECK LATEX CONCRETE OVERLAY
Effective: May 15, 1995
Revised: January 18, 2011

This work shall consist of the preparation of the existing concrete bridge deck and the construction of a latex overlay to the specified thickness.

Materials. Materials shall meet the following Articles of Section 1000:

Item	Section
(a) Latex/Portland Cement Concrete (Note 1) (Note 2)	1020
(b) Packaged Rapid Hardening Mortar or Concrete	1018
(c) Concrete Curing Materials	1022.02

Note 1: The latex admixture shall be a uniform, homogeneous, non-toxic, film-forming, polymeric emulsion in water to which all stabilizers have been added at the point of manufacture. The latex admixture shall not contain any chlorides and shall contain 46 to 49 percent solids.

The Contractor shall submit a manufacturer's certification that the latex emulsion meets the requirements of FHWA Research Report RD-78-35, Chapter VI. The certificate shall include the date of manufacture of the latex admixture, batch or lot number, quantity represented, manufacturer's name, and the location of the manufacturing plant. The latex emulsion shall be sampled and tested in accordance with RD-78-35, Chapter VII, Certification Program.

The latex admixture shall be packaged and stored in containers and storage facilities which will protect the material from freezing and from temperatures above 85°F (30°C). Additionally, the material shall not be stored in direct sunlight and shall be shaded when stored outside of buildings during moderate temperatures.

Note 2: Cement shall be Type I portland cement. Fine aggregate shall be natural sand and the coarse aggregate shall be crushed stone or crushed gravel. The gradation of the coarse aggregates shall be CA 13, CA 14 or CA 16.

Mixture Design. The latex concrete shall contain the following approximate units of measure or volumes per cubic yard (cubic meter):

Type I Portland Cement	658 lb. (390 kg)
Latex Admixture	24.5 gal (121.3 L)
Coarse Aggregate	42 to 50 percent by weight (mass) of total aggregate

Water (including free moisture on the fine and coarse aggregates)	157 lb. (93.1 kg) maximum

No air entraining admixtures shall be added to the mix.

This mix design is based on a specific gravity of 2.65 for both the fine and the coarse aggregates. The mix will be adjusted by the Engineer to compensate for aggregate specific gravity and moisture.

The latex concrete shall meet the following requirements:

Slump shall be according to Article 1020.07 and 1020.12: 3 to 6 in. (75 to 150 mm)

Air Content shall be according to Article 1020.08 and 1020.12: 7 percent maximum

Water-cement ratio (considering all the nonsolids in the latex admixture as part of the total water)	0.30 to 0.40
Compressive Strength (14 days)	4000 psi (27,500 kPa) minimum
Flexural Strength (14 days)	675 psi (4,650 kPa)

Equipment: The equipment used shall be subject to the approval of the Engineer and shall meet the following requirements:

(a) Surface Preparation Equipment. Surface preparation equipment shall be according to the applicable portions of Section 1100 and the following:

(1) Sawing Equipment. Sawing equipment shall be a concrete saw capable of sawing concrete to the specified depth.

(2) Mechanical Blast Cleaning Equipment. Mechanical blast cleaning may be performed by high-pressure waterblasting or shotblasting. Mechanical blast cleaning equipment shall be capable of removing weak concrete at the surface, including the microfractured concrete surface layer remaining as a result of mechanical scarification, and shall have oil traps.

Mechanical high-pressure waterblasting equipment shall be mounted on a wheeled carriage and shall include multiple nozzles mounted on a rotating assembly, and shall be operated with a 7000 psi (48 MPa) minimum water pressure. The distance between the nozzles and the deck surface shall be kept constant and the wheels shall maintain contact with the deck surface during operation.

(3) Hand-Held Blast Cleaning Equipment. Blast cleaning using hand-held equipment may be performed by high-pressure waterblasting or abrasive blasting. Hand-held blast cleaning equipment shall have oil traps.

Hand-held high-pressure waterblasting equipment that is used in areas inaccessible to mechanical blast cleaning equipment shall have a minimum water pressure of 7000 psi (48 MPa).

(4) Mechanical Scarifying Equipment. Scarifying equipment shall be a power-operated, mechanical scarifier capable of uniformly scarifying or removing the old concrete surface and new patches to the depths required in a satisfactory manner. Other types of removal devices may be used if their operation is suitable and they can be demonstrated to the satisfaction of the Engineer.

(5) Hydro-Scarification Equipment. The hydro-scarification equipment shall consist of filtering and pumping units operating with a computerized, self-propelled robotic machine with gauges and settings that can be easily verified. The equipment shall use water according to Section 1002. The equipment shall be capable of removing in a single pass, sound concrete to the specified depth, and operating at a 16,000 psi (110 MPa) minimum water pressure with a 55 gal/min (208 L/min) minimum water flow rate.

(6) Vacuum Cleanup Equipment. The equipment shall be equipped with fugitive dust control devices capable of removing wet debris and water all in the same pass. Vacuum equipment shall also be capable of washing the deck with pressurized water prior to the vacuum operation to dislodge all debris and slurry from the deck surface.

(7) Power-Driven Hand Tools. Power-driven hand tools will be permitted including jackhammers lighter than the nominal 45 lb. (20 kg) class. Jackhammers or chipping hammers shall not be operated at an angle in excess of 45 degrees measured from the surface of the slab.

(b) Pull-off Test Equipment. Equipment used to perform pull-off testing shall be either approved by the Engineer, or obtained from one of the following approved sources:

James Equipment
007 Bond Tester
800-426-6500

Germann Instruments, Inc.
BOND-TEST Pull-off System
847-329-9999

SDS Company
DYNA Pull-off Tester
805-238-3229

Pull-off test equipment shall include all miscellaneous equipment and materials to perform the test and clean the equipment, as indicated in the Illinois Test procedure 304 and 305 "Pull-off Test (Surface or Overlay Method)". Prior to the start of testing, the

Contractor shall submit to the Engineer a technical data sheet and material safety data sheet for the epoxy used to perform the testing. For solvents used to clean the equipment, a material safety data sheet shall be submitted.

(c) Concrete Equipment: A mobile Portland cement concrete plant shall be used for Latex Concrete and shall be according to Articles 1020.12, 1103.04 and the following:

(1) The device for proportioning water shall be accurate within one percent.

(2) The mixer shall be a self-contained, mobile, continuous mixer used in conjunction with volumetric proportioning.

(3) The mixer shall be calibrated prior to every placement of material or as directed by the Engineer.

(d) Finishing Equipment. Finishing equipment shall be according to Article 503.03.

(e) Mechanical Fogging Equipment. Mechanical fogging equipment shall be according to 503.03.

Construction Requirements: Sidewalks, curbs, drains, reinforcement and/or existing transverse and longitudinal joints which are to remain in place shall be protected from damage during scarification and cleaning operations. All damage caused by the Contractor shall be corrected, at the Contractor's expense, to the satisfaction of the Engineer.

The Contractor shall control the runoff water generated by the various construction activities in such a manner as to minimize, to the maximum extent practicable, the discharge of untreated effluent into adjacent waters, and shall properly dispose of the solids generated according to Article 202.03. The Contractor shall submit a water management plan to the Engineer specifying the control measures to be used. The control measures shall be in place prior to the start of runoff water generating activities. Runoff water shall not be allowed to constitute a hazard to adjacent or underlying roadways, waterways, drainage areas or railroads nor be allowed to erode existing slopes.

(a) Deck Preparation:

(1) Bridge Deck Scarification. The scarification work shall consist of removing the designated concrete deck surface using mechanical and hydro-scarifying equipment as specified. The areas designated shall be scarified to the depth specified on the plans. The depth specified shall be measured from the existing concrete deck surface to the top of peaks remaining after scarification. In areas of the deck not accessible to the scarifying equipment, power-driven hand tools will be permitted. Power driven hand tools shall be used for removal around areas to remain in place.

The Contractor shall use mechanical scarification equipment to remove an initial depth of concrete roughening the concrete deck surface to facilitate hydro-

scarification. At a minimum, the last 1/2 in. (13 mm) of removal shall be accomplished with hydro-scarification equipment. If the Contractor's use of mechanical scarifying equipment results in exposing, snagging, or dislodging the top mat of reinforcing steel, the mechanical scarifying depth shall be reduced as necessary immediately. If the exposing, snagging, or dislodging the top mat of reinforcing steel cannot be avoided, the mechanical scarifying shall be stopped immediately and the remaining removal shall be accomplished using the hydro-scarification equipment. All damage to the existing reinforcement resulting from the Contractor's operation shall be repaired or replaced at the Contractor's expense as directed by the Engineer. Replacement shall include the removal of any additional concrete required to position or splice the new reinforcing steel. Undercutting of exposed reinforcement bars shall only be as required to replace or repair damaged reinforcement. Repairs to existing reinforcement shall be according to the Special Provision for "Deck Slab Repair".

Just prior to performing hydro-scarification, the deck shall be sounded, with unsound areas marked on the deck by the Engineer. A trial section, in an area of sound concrete, on the existing deck surface will be designated by the Engineer to calibrate the equipment settings to remove sound concrete to the required depth, in a single pass, and provide a highly roughened bondable surface. The trial section shall consist of approximately 30 sq. ft. (3 sq. m). After calibration in an area of sound concrete, the equipment shall be moved to a second trial sec~~tion, as designat~~ed by the Engineer, in an area containing unsound concrete to verify the calibrated settings are sufficient to remove the unsound concrete. If the calibrated settings are insufficient to remove the unsound concrete, the equipment may be moved back to an area of sound concrete and the calibration settings verified. If the equipment cannot be calibrated to produce the required results in an area of sound concrete, it shall be removed and additional hydro-scarification equipment capable of producing the required results shall be supplied by the Contractor.

After the equipment settings are established, they shall be supplied to the Engineer. These settings include the following:

a) Water pressure

b) Water flow rate

c) Nozzle type and size

d) Nozzle travel speed

e) Machine staging control (step/advance rate)

Hydro-scarification may begin after the calibration settings have been approved by the Engineer.

The removal depth shall be verified by the Engineer, as necessary. If sound concrete is being removed below the desired depth, the equipment shall be recalibrated.

After hydro-scarification the deck shall be thoroughly vacuum cleaned in a timely manner before the water and debris are allowed to dry and re-solidify to the deck. The uses of alternative cleaning and debris removal methods to minimize driving heavy vacuum equipment over exposed deck reinforcement may be used subject to the approval of the Engineer.

(2) Deck Patching. After bridge deck scarification and cleaning, the Engineer will sound the scarified deck and survey the existing reinforcement condition. All remaining unsound concrete and unacceptably corroded reinforcement bars will be marked for additional removal and/or repairs as applicable. All designated repairs and reinforcement treatment shall be completed according to the Special Provision for "Deck Slab Repair" except as noted below:

a) No separate payment for Deck Slab Repair (Partial) will be made regardless of whether it was detailed in the plans or not.

b) In areas where unsound concrete extends below the specified removal depth and hydro-scarification completely removes unsound concrete, a full-depth repair is only required when the bottom mat of reinforcement is exposed.

c) All full-depth patches shall be struck off to the scarified deck surface and then roughened with a suitable stiff bristled broom or wire brush to provide a rough texture designed to promote bonding of the overlay. Hand finishing of the patch surface shall be kept to a minimum to prevent overworking of the surface.

d) All full-depth repairs shall be completed prior to final surface preparation.

e) Any removal required or made below the specified depth for scarification of the bridge deck, which does not result in full-depth repair, shall be filled with the overlay material at the time of the overlay placement.

f) Epoxy coating, on existing reinforcement bars, damaged during hydro-scarification shall not be repaired.

g) Undercutting of exposed reinforcement bars shall only be as required to replace or repair damaged or corroded reinforcement.

(3) Final Surface Preparation. Any areas determined by the Engineer to be inaccessible to scarifying equipment shall be thoroughly blast cleaned with hand-held equipment.

If spoils from the scarification operation are allowed to dry and re-solidify on the deck surface, the deck surface shall be cleaned with mechanical blast cleaning equipment.

Final surface preparation shall also include the cleaning of all dust, debris, concrete fines and other foreign substances from the deck surface including vertical faces of curbs, previously placed adjacent overlays, barrier walls up to a height of 1 in. (25 mm) above the overlay, depressions, and beneath reinforcement bars. Hand-held high-pressure waterblasting equipment shall be used for this operation.

The Department may require surface pull-off testing of areas inaccessible to scarifying equipment. Testing shall be in according to the Illinois Test Procedure 304 "Pull-off Test (Surface Method)". The Contractor shall provide the test equipment. The Engineer shall determine each test location, and each individual test shall have a minimum strength of 175 psi (1,207 kPa). In the case of a failing test, the Contractor shall adjust the blast cleaning method and re-clean the area. Testing will be repeated until satisfactory results are attained.

Exposed reinforcement bars shall be free of dirt, detrimental scale, paint, oil, and other foreign substances which may reduce bond with the concrete. A tight non-scaling coating of rust is not considered objectionable. Loose, scaling rust shall be removed by rubbing with burlap, wire brushing, blast cleaning or other methods approved by the Engineer. All loose reinforcement bars, as determined by the Engineer, shall be retied at the Contractor's expense.

All dust, concrete fines, debris, including water, resulting from the surface preparation shall be confined and shall be immediately and thoroughly removed from all areas of accumulation. If concrete placement does not follow immediately after the final cleaning, the area shall be carefully protected with well-anchored white polyethylene sheeting.

(b) Pre-placement Procedure. Prior to placing the overlay, the Engineer will inspect the deck surface. All contaminated areas shall be blast cleaned again at the Contractor's expense.

Before placing the overlay, the finishing machine shall be operated over the full length of bridge segment to be overlaid to check support rails for deflection and confirm the minimum overlay thickness. All necessary adjustments shall be made and another check performed, unless otherwise directed by the Engineer.

(c) Placement Procedure: Concrete placement shall be according to Article 503.07 and the following:

(1) Bonding Method. The deck shall be cleaned to the satisfaction of the Engineer and shall be thoroughly wetted and maintained in a dampened condition with water for at least 12 hours before placement of the overlay. Any excess water shall be removed

by compressed air or by vacuuming prior to the beginning of overlay placement. Water shall not be applied to the deck surface within one hour before or at any time during placement of the overlay.

(2) Overlay Placement. Placement of the concrete shall be according to Article 503.16.

Internal vibration will be required along edges, adjacent to bulkheads, and where the overlay thickness exceeds 3 in. (75 mm). Internal vibration along the longitudinal edges of a pour will be required with a minimum of 2 hand-held vibrators, one on each edge of the pour. Hand finishing will be required along the edges of the pour and shall be done from sidewalks, curbs or work bridges.

A construction dam or bulkhead shall be installed in case of a delay of 30 minutes or more in the concrete placement operation.

All construction joints shall be formed. When required by the Engineer the previously placed overlay shall be sawed full-depth to a straight and vertical edge before fresh concrete is placed. The Engineer will determine the extent of the removal. When longitudinal joints are not shown on the plans, the locations shall be subject to approval by the Engineer and shall not be located in the wheel paths.

The Contractor shall stencil the date of construction (month and year) and the letters LX into the overlay before it takes its final set. The stencil shall be located in a conspicuous location, as determined by the Engineer, for each stage of construction. This location shall be outside of the grooving where possible and within 3 ft. (1 m) of an abutment joint. The characters shall be 3 to 4 in. (75 mm to 100 mm) in height, 1/4 in. (5 mm) in depth and face the centerline of the roadway.

(3) Limitations of Operations:

(a) Weather Limitations. Temperature control for concrete placement shall be according to 1020.14(b). The concrete protection from low air temperatures during the curing period shall be according to Article 1020.13(d). Concrete shall not be placed when rain is expected during the working period. If night placement is required, illumination and placement procedures will be subject to the approval of the Engineer. No additional compensation will be allowed if night work is required.

(b) Other Limitations. Concrete delivery vehicles driven on the structure shall be limited to a maximum load of 6 cu. yd. (4.6 cu. m).

Mobile concrete mixers, truck mixers, concrete pumps, or other heavy equipment will not be permitted on any portion of the deck where the top reinforcing mat has been exposed. Conveyors, buggy ramps and pump piping shall be installed in a way that will not displace undercut reinforcement bars. Air compressors may be operated on the deck only if located directly over a pier and supported off

undercut reinforcement bars. Compressors will not be allowed to travel over undercut reinforcement bars.

Concrete removal may proceed during final cleaning and concrete placement on adjacent portions of the deck, provided the removal does not interfere in any way with the cleaning or placement operations.

Water or contaminants from the hydro-scarification shall not be permitted in areas where the new overlay has been placed until the overlay has cured a minimum of 24 hours.

No concrete shall be removed within 6 ft. (1.8 m) of a newly-placed overlay until the concrete has obtained a minimum compressive strength of 3000 psi (20,700 kPa) or flexural strength of 600 psi (4,150 kPa).

(4) Curing.

Curing. The minimum curing time shall be 48 hours of wet cure followed by 48 hours of dry cure. The wet cure shall be according to Article 1020.13(a)(5) (Wetted Cotton Mat Method). When the cotton mats have been pre-dampened, excess water shall not be allowed to drip from the cotton mats onto the overlay during placement of the mats. After the wet cure is completed all layers of covering materials shall be removed to allow for the dry cure.

If the ambient temperature falls below 50°F (10°C) during either the wet or dry curing periods, the time below 50°F (10°C) will not be included in the 96 hour curing period. If there is sufficient rain to wet the surface of the overlay for more than one hour of the dry cure period, the wet time will not be included in the 48 hour dry cure period.

(5) Opening to Traffic.

No traffic or construction equipment will be permitted on the overlay until after the specified cure period and the concrete has obtained a minimum compressive strength of 4000 psi (27,500 kPa) or flexural strength of 675 psi (4,650 kPa) unless permitted by the Engineer.

(6) Overlay Testing. The Engineer reserves the right to conduct pull-off tests on the overlay to determine if any areas are not bonded to the underlying concrete, and at a time determined by the Engineer. The overlay will be tested according to the Illinois Test procedure 305 "Pull-off Test (Overlay Method)", and the Contractor shall provide the test equipment. Each individual test shall have a minimum strength of 150 psi (1,034 kPa). Unacceptable test results will require removal and replacement of the overlay at the Contractor's expense, and the locations will be determined by the Engineer. When removing portions of an overlay, the saw cut shall be a minimum depth of 1 in. (25 mm).

If the overlay is to remain in place, all core holes due to testing shall be filled with a rapid set mortar or concrete. Only enough water to permit placement and consolidation by rodding shall be used, and the material shall be struck-off flush with the adjacent material.

For a rapid set mortar mixture, one part packaged rapid set cement shall be combined with two parts fine aggregate, by volume; or a packaged rapid set mortar shall be used. For a rapid set concrete mixture, a packaged rapid set mortar shall be combined with coarse aggregate according to the manufacturer's instructions; or a packaged rapid set concrete shall be used. Mixing of a rapid set mortar or concrete shall be according to the manufacturer's instructions.

Method of Measurement. The area of bridge deck scarification will be measured for payment in square yards (square meters). No additional payment will be made for multiple passes of the equipment.

The concrete overlay will be measured for payment in square yards (square meters).

Additional concrete placed with the overlay, required to fill all depressions below the specified thickness will be measured for payment in cubic yards (cubic meters). The volume will be determined by subtracting the theoretical volume of the overlay from the ticketed volume of overlay delivered minus the volume estimated by the Engineer left in the last truck at the end of the overlay placement. The theoretical cubic yard (cubic meter) quantity for the overlay will be determined by multiplying the plan surface area of the overlay times the specified thickness of the overlay.

Basis of Payment. Bridge deck scarification will be paid for at the contract unit price per square yard (square meter) for BRIDGE DECK SCARIFICATION of the depth specified.

Latex concrete overlay will be paid for at the contract unit price per square yard (square meter) for BRIDGE DECK LATEX CONCRETE OVERLAY, of the thickness specified. The additional volume of overlay required to fill all depressions below the specified thickness and/or for grade adjustments will be paid for at the Contractor's actual material cost for the latex concrete per cubic yard (cubic meter) times an adjustment factor. For volumes 15 percent or less over the theoretical volume of the overlay the adjustment factor will be 1.15. For volumes greater than 15 percent the adjustment factor will be 1.25 for that volume over 15 percent of the theoretical volume of the overlay.

Areas requiring additional partial depth removal of unsound concrete after hydro-scarification will be paid for according to Article 109.04.

When the Engineer conducts pull-off tests on the existing surface or overlay and they are acceptable, Contractor expenses incurred due to testing and for filling core holes will be paid according to Article 109.04. Unacceptable pull-off tests will be at the Contractor's expense.

SPECIAL PROVISION
FOR
LIDS AND FRAMES AND LIDS

Description. Where the term lids is used in the Summary of Quantities, on County Transportation and Highways Standards and in the Plans, it shall be considered synonymous with the term grates and be subject to the provisions of Article 604 of the State Standard Specifications for Road and Bridge Construction.

Basis of Payment. This work shall be paid for at the contract unit price each for Lids and for Frames and Lids of the type specified, which price shall include the cost of the mortar bed.

SPECIAL PROVISION
FOR
FRAMES AND LIDS TO BE ADJUSTED, SPECIAL

Description. This work shall consist of the stage adjustment of frames and lids or grates of existing drainage and utility structures within the pavement area where the existing bituminous surface is to be removed. All work shall be in accordance with the applicable portions of Section 353, 406 and 603 of the Standard Specifications, at the locations shown in the plans or as designated by the Engineer and as herein specified.

Materials and Construction Methods. Stage I shall consist of a minimum twelve-inch (12 inch) wide removal of the pavement area around the structure; lowering of the existing frame to the elevation of the milled pavement surface; and backfilling with six-inch (6 inch) thick compacted bituminous material approved by the Engineer.

Stage II shall consist of removing the bituminous material, adjusting the frame to its final surface elevation and the replacement of the removed bituminous material with P.C. Concrete and/or Bituminous Concrete Material, meeting the requirements of Sections 353 and/or 406 of the Standard Specifications with the exception Bituminous Binder will not be allowed where Type 5 frames are encountered.

In lieu of lowering the existing frames with closed lids, the Contractor may remove and store the frame and lids and cover the existing structure with a one-half inch thick metal plate, flush with the milled surface, which will remain the property of the Contractor upon its replacement with the existing frame and lid.

Basis of Payment. This work will be paid for at the contract unit price each for Frames and Lids to be Adjusted, Special, which price shall be payment in full for adjusting the structure as herein required.

Existing broken frames or lids shall be removed and disposed of by the Contractor and shall be replaced as directed by the Engineer. Replacement frames and lids will be paid for in accordance with Article 109.04 of the Standard Specifications unless a separate pay item has been provided.

The adjustment of privately owned utility structures is not a part of this contract and will be done by the respective owners. On all Metropolitan Sanitary District structures, only P.C. Concrete Precast Rings shall be used for adjusting frames.

For projects located in the City of Chicago, the temporary placement of asphalt or steel plates over existing valve vaults is strictly prohibited. Access to these structures must be preserved at all times during the construction period. Adjustment of these valve vault structures in the City of Chicago will not be performed according to this special provision.

SPECIAL PROVISION
FOR
PAVEMENT REPLACEMENT

Description. This work shall consist of the removal and replacement, and any necessary excavation and embankment of all surface, base course, and subbase as shown on the plans. Where all of the pavement, including subbase, base and surface course, is to be replaced, the item will be specified as "Pavement Replacement". If only surface course, binder course, cushion and joint filler is to be replaced, the item will be specified as "Pavement Replacement - Surface Course". The term "excavation" or "embankment" as used in this Article refers only to that necessary for the preparation of the subgrade, where the "Pavement Replacement" is full depth.

Materials. Materials shall meet the requirements of Division 1000 - Materials.

Construction Requirements.

General. All base, surface courses or subbase removed shall be restored to the original cross section. The elevation of the surface of the replaced surface course shall not vary more than 1/8 inch (3 mm) from the elevation of the surface of the adjoining surface course. The subgrade in the case of surface, base course and subbase removal, and the cushion or filler on the base course in the case of surface course removal, shall be adjusted so that this result will be obtained. Pavement damaged by reason of construction operations outside of the working limit of 2 feet (600 mm) from the form line specified shall be replaced by the Contractor at his/her own expense.

Portland Cement Concrete Base and Surface Courses. Portland cement concrete base or surface courses or natural cement concrete base or surface courses which are removed shall be replaced with portland cement concrete base or surface courses meeting the requirements of Sections 353 and 420, respectively, except that hand methods of consolidating and finishing will be permitted.

Brick, Granite Block and Wood Block Surface Courses. Brick, granite block or wood block surface courses which are removed shall be replaced if specified on the plans or directed by the Engineer. Whole sound brick, granite blocks or wood blocks taken from the original surface course shall be used in the replacement. If additional brick, granite blocks or wood blocks are required, the Contractor shall furnish a similar type and size to those which are being replaced. Brick, granite block or wood block surface course shall be laid on a sand or limestone screenings cushion approximately 1 inch (25 mm) thick, and shall have the joints filled with asphalt. The surface or base, may be restored to the proper elevation by use of an approved compacted bituminous material or air-entrained portland cement concrete.

Bituminous Surface and Binder Courses. Bituminous surface and binder courses which are removed shall be replaced by an equal thickness of bituminous materials meeting the requirements of Section 406. The type used shall be that which closely conforms to the type which was removed, and shall be approved in writing by the Engineer.

Gravel or Crushed Stone Base and Surface Courses. Gravel or crushed stone base and surface courses which are removed shall be replaced by an equal thickness of materials meeting the requirements of Section 351 or Section 402. The type used shall be that which closely conforms to the type which was removed and shall be approved in writing by the Engineer.

Base and Subbase Replacement. All granular or stabilized base and subbase which are removed shall be replaced with an equal compacted thickness of material which closely conforms to the original material removed and shall be compacted to the density requirements of the granular or stabilized base and subbase removed.

Disposal of Surplus Material. Surplus or waste material resulting from the removal and replacement operations shall be disposed of by and at the expense of the Contractor according to Article 202.03.

Method of Measurement. Pavement Replacement and Pavement Replacement - Surface Course, will be measured in place, and the area computed in square yards (square meters). Pavement or surface course damaged by reason of construction operations outside of the working limit of 2 feet (600 mm) from the form line specified will not be measured for payment.

Basis of Payment. This work will be paid for at the contract unit price per square yard (square meter) for Pavement Replacement or Pavement Replacement – Surface Course, which prices shall include any required earth excavation or embankment described herein.

SPECIAL PROVISION
FOR
COOPERATION WITH UTILITIES

This special provision amends the provisions of Article 105.07 of the Standard Specifications and includes a section clarifying the utility information provided in the plans and specifications.

105.07 - Cooperation with Utilities. Revise the last paragraph regarding (a) known Utilities to read:

> "No additional compensation will be allowed for any delays, inconveniences, or damage sustained by the Contractor due to any interference from the said utility appurtenances or the operation of moving them either by the utility company or by him; or on account of any special construction methods required in prosecuting his work due to the existence of said appurtenances either in their present or relocated positions."

105.07 - Cooperation with Utilities. Delete subarticle 105.07 (b) Unknown Utilities and substitute the following:

(b) Unknown Utilities. The requirements stated above for known utilities shall apply to unknown utilities.

Examination of Plans, Specifications, Special Provisions and Site of Work.

The bidder shall, before submitting a bid, carefully examine the provisions of the contract. The bidder shall inspect in detail the site of the proposed work, investigate and become familiar with all the local conditions affecting the contract and fully acquaint themselves with the detailed requirements of construction. Submission of a bid shall be a conclusive assurance and warranty the bidder has made these examinations and the bidder understands all the requirements for the performance of the work. If his/her bid is accepted, the bidder shall be responsible for all errors in the proposal resulting from his/her failure or neglect to comply with these instructions. The Department will, in no case, be responsible for any costs, expenses, losses, or change in anticipated profits resulting from such failure or neglect of the bidder to make these examinations.

The bidder shall take no advantage of any error or omission in the proposal and advertised contract. Any prospective bidder who desires an explanation or interpretation of the plans, specification, or any of the contract documents shall request such in writing from the Department, in sufficient time to allow a written reply by the Department that can reach all prospective bidders before the submission of their bids. All information and changes made to the contract will be communicated through an addendum. Only changes made through the addendum will be binding to the Department. When the plans or special provisions include information pertaining to the location of underground utility facilities, such information represents only the opinion of the Department as to the location of such utilities and is only included for the convenience of the bidder. The Department assumes no responsibility whatever in respect to the sufficiency or the accuracy of the information shown on the plans relative to the location of underground utility facilities. It shall be the Contractor's responsibility to determine the actual location of all such facilities including field verification of both vertical and horizontal locations relative to the work. He shall also obtain from the respective utility companies detailed information relative to the location of their facilities and the working schedules of the utility companies for removing or adjusting them.

It is understood and agreed that the Contractor has considered in his bid all of the permanent and temporary utility appurtenances in their present or relocated positions. The Contractor's attention is directed to the fact that the various utility companies may be relocating and constructing facilities within the project limits concurrent with the Contractor's operations. The Contractor shall coordinate his activities with the various utility companies, at all times, and may be required to work at other locations of the improvement until relocation and construction is completed by the utility company. The Contractor is advised that the relocation times and schedules listed in the special provision "Status of Utilities to be Adjusted" are only rough estimates and no extra compensation will be allowed for delays resulting from any work performed by a utility company or for their failure to meet said relocation schedule.

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STATUS OF UTILITIES
UTILITIES TO BE ADJUSTED
HINTZ ROAD
ELMHURST ROAD TO MILWAUKEE AVENUE
SECTION:

The following agencies have facilities within the project limits:

Commonwealth Edison Company
1500 Franklin Blvd.
Libertyville, IL 60048
Attn: Terri Bleck
(847) 816-5239
James Torres
(312) 394-3260
David Stoppelman
(630) 576-7092

Above Net, Inc.
820 Oak Creek Drive
Lombard, IL 60148
Attn: Tim Payment
(630) 203-8003

AT&T
1000 Commerce Drive, Floor 2
Oak Brook, IL 60523
Attn: Pam Summers
(630) 573-6464

Comcast
688 Industrial Avenue
Elmhurst, IL 60126
Attn: Robert L. Schulter
Right-of-way Manager
(630) 600-6348

Nicor Gas Company
1844 Ferry Road
Naperville, IL 60563
Attn: Constance Lane
(630) 388-3830

Village of Wheeling
77 W. Hintz Road
Wheeling, IL 60090
Attn: Anthony Stavros
(847) 279-6900

Northwest Water Commission
1525 N. Wolf Road
Des Plaines, IL 60016
Attn: Robert Toaben
(847) 635-0777

City of Prospect Heights
8 N. Elmhurst Road
Prospect Heights, IL 60070
Attn: Mark Toberman
(847) 398-6070

AT&T Local Network Solutions
4513 Western Avenue, Room 227
Lisle, IL 60532
Attn: Bobby Akhter
(630) 719-1483

Level 3 Network Relocations
1025 Eldorado Blvd.
Broomfield, CO 80021
Attn: Keith Osborn
(720) 888-2774

Hintz Road (Contd.)

Wide Open West
1030 National Parkway
Schaumburg, IL 60173
Attn: Brian Hurd
(630) 523-1264

Illinois American Water Company
1000 International Parkway
Woodridge, IL 60517
Attn: Rich Erman
(630) 739-8825

Metropolitan Water Reclamation District of Greater Chicago
100 East Erie Street
Chicago, IL 60611
Attn: Catherine O' Connar
Director of Engineering
(312) 751-7905

North Shore Gas Company
3001 Grand Avenue
Waukegan, IL 60085
Attn: Gerald Glogovsky
(847) 263-4687

TDS Telecommunications Corp.
29875 Crossroads Circle, Suite 800
Waukesha, WI 53186
Attn: Michael Johnson
(262) 754-3052

MCI
P.O. Box 387
7719 W. 60th Place
Summit, IL 60501
Attn: Jim Todd
(708) 458-6419
cc: Dean Boyers
(972) 739-6322

West Shore Pipe Line Company (Buckeye Partners, L.P.
3823 Indianapolis Blvd.
East Chicago, IN 46312
Attn: Mike Norris
(219) 397-3656X2118

Illinois Central RR, Wisconsin Central RR, Canadian National RR and GTW RR
17641 S. Ashland Avenue
Homewood, IL 60430
Attn: Thomas Healey
(708) 332-4381

Utilities have not been delineated on the plans as no major conflicts or relocations are anticipated. It shall be the Contractor's responsibility to contact J.U.L.I.E. and Pipeline companies to locate utilities and protect existing utilities. The applicable provisions of Articles 105.07, 107.20 and 107.31 of the Standard Specifications for Road and Bridge Construction and Cook County Special Provision 185 shall apply.

NOTE: All Sanitary Sewer Manholes to be Adjusted shall be waterproofed in accordance with Special Provision #194 for Waterproofing Sanitary Sewer Manholes.

NOTE: The Contractor shall contact J.U.L.I.E. at 1-800-892-0123 at least 48 hours prior to construction for utility locations.

SPECIAL PROVISION
FOR
WATER VALVE BOXES TO BE ADJUSTED AND DOMESTIC METER VAULTS TO BE ADJUSTED

Description. At various locations within the limits of this improvement, the Contractor will encounter water valve boxes and/or domestic meter vaults that are to be adjusted to the proposed grade.

This work shall be subject to the provisions of Section 602 of the State Specifications.

Basis of Payment. This work shall be paid for at the contract unit price each for Water Valve Boxes to be Adjusted and for Domestic Meter Vaults to be Adjusted, which price shall include all labor, equipment and materials to complete the work in accordance with the plans and this special provision

SPECIAL PROVISION
FOR
WATERPROOFING OF EXISTING SANITARY MANHOLES

Description. This work shall consist of waterproofing the exterior top portion of existing sanitary manholes to prevent the infiltration of surface water into the sanitary system and shall conform to Section 602 of the Standard Specifications with the following additional requirements:

Materials and Construction. At existing sanitary manholes to be adjusted, and/or reconstructed, the contractor shall expose a maximum of 12 inches of the cone section and remove the frame and any adjusting rings.

The existing manhole frame and concrete adjusting rings shall be separated from the cone and each other. Care shall be taken to prevent damage to the concrete rings and frame while removing the mortar adhering to the rings and frame.

Once final grade is established, the concrete adjusting rings shall be reset in either a 3/8 inch thick bituminous mastic bed or a ¼ inch thick bed of redi-seal asphalt compound or an approved equal.

The frame shall be set on either a 3/8 inch thick bituminous plastic bed or two side by side courses of 1 inch rope butyl gasket material or an approved equal.

A 3/8 inch layer of bituminous mastic shall be applied to the outside of the concrete adjusting rings and/or frame making sure to completely cover the external surfaces with mastic. The mastic should extend 6 inch to 12 inch below the top of the cone section.

A sheet of polyvinyl chloride with a minimum thickness of 8 mils or E-Z wrap rubber or equivalent shall be set into the outside mastic material making sure the plastic sheet or wrap rubber is held securely to the frame and cone with polywrap tape before backfilling.

Basis of Payment. This work will be paid for at the contract unit price per each for Waterproofing Existing Sanitary Manholes to be Adjusted; Waterproofing Existing Sanitary Manholes to be Reconstructed; Waterproofing Sanitary Manholes to be Reconstructed, Special; Waterproofing Sanitary Frames and Lids to be Adjusted; or Waterproofing Sanitary Frames and Lids to be Adjusted, Special.

SPECIAL PROVISION
FOR
CLEANING EXISTING MANHOLES, CATCH BASINS, OR INLETS
CLEANING EXISTING STORM SEWERS AND PIPE CULVERTS

Description. Items for Cleaning of Existing Manholes, Catch Basins, Inlets, Storm Sewers, or Pipe Culverts are included in the Summary of Quantities and are to be used at the direction of the Engineer. The Manholes, Catch Basins, Inlets, Storm Sewers or Pipe Culverts shall be cleaned of silt, debris or other foreign matter of any kind and will be free from such accumulation at the time of final inspection. The accumulations shall be removed from the job site and disposed of in a manner meeting appropriate regulations.

Basis of Payment. This work shall be paid for at the contract unit price each for Cleaning Existing Manholes, Cleaning Existing Catch Basins, Cleaning Existing Inlets and/or per foot of Cleaning Existing Storm Sewers Or Cleaning Existing Pipe Culverts of the length and diameter specified. The cost shall include all labor, materials and disposal cost for removal of accumulations from the job site.

SPECIAL PROVISION
FOR
SODDING

This Special Provision amends the provisions of the Standard Specifications and shall be construed to be a part thereof.

252.09 Supplemental Watering. Revise the third sentence to read:

When the supplemental watering is specified on the plans, the water shall be applied at the total rate of 10 gallons per square yard (45 liters per square meter) within 24 hours of notice.

252.11 Inspection. Revise the first paragraph to read:

The Contractor shall notify the Cook County Department of Transportation and Highways of the localities from which the sod is to be obtained so that an authorized representative of the Transportation and Highways Department can inspect the field for approval. All sod shall be fresh and green when delivered. Any sod that is dried out, burned, brown or inferior in quality to the approved sod field, or in any way fails to meet the requirements of the specifications, will be rejected and removed from the job immediately and shall be replaced with suitable sod at the Contractor's expense.

To insure the delivery of suitable field sod, three weeks before cutting, the Contractor or the Supplier shall apply sufficient weed killer to eradicate existing common weeds. Seven days after the weed killer is applied, sufficient fertilizer shall be spread over the field to insure green sod prior to any delivery.

Only 2 year growing season or older approved nursery grown sod shall be placed on parkways and median strips adjacent to residential property, parks or other special areas as designated by the Engineer.

SPECIAL PROVISION
FOR
WORK ZONE TRAFFIC CONTROL SURVEILLANCE

Revise Article 701.10 of the Standard Specifications to read:

"The Contractor shall conduct inspections of the worksite at a frequency that will allow for the timely replacement of any traffic control device that has become displaced, worn, or damaged. A sufficient quantity of replacement devices, based on vulnerability to damage, shall be readily available to meet this requirement."

Delete Articles 701.19(d) and Article 701.20(g) of the Standard Specifications.

MODIFIED URETHANE PAVEMENT MARKING (BDE)

Effective: April 1, 2012

Add the following to Article 780.02 of the Standard Specifications:

"(h) Modified Urethane Pavement Marking ..... 1095.09"

Add the following to Article 780.03 of the Standard Specifications:

"(e) Modified Urethane ..... 1105.04"

Revise Article 780.11 of the Standard Specifications to read:

"**780.11 Modified Urethane.** The pavement shall be cleaned of all dirt, grease, glaze, or any other material that would reduce the adhesion of the markings with minimum or no damage to the pavement. New PCC pavements shall be blast-cleaned to remove all curing compounds. New asphalt and seal coated shall be in place a minimum of two weeks prior to marking applications.

Markings shall be applied on the same calendar day that the pavement surface is cleaned. If this cannot be accomplished, the surface shall be re-cleaned prior to applying the markings. Existing pavement markings shall be at least 90 percent removed. No markings shall be applied until the Engineer approves the cleaning.

Widths, lengths, and shapes of the cleaned surface shall be prepared wider than the modified urethane pavement marking material to be applied, such that a prepared area is on all sides of the urethane pavement marking material after application.

The Contractor shall notify the Engineer 72 hours prior to the placement of the markings in order than an inspector can be present during the operation. At the time of this notification, the Contractor shall indicate the manufacturer and lot numbers of urethane and reflective media that will be used. The Engineer will ensure that the approved lot numbers appear on the material package.

The pavement markings shall be applied during conditions of dry weather and subsequently dry pavement surfaces at a minimum uniform wet thickness of 25 mils (0.64 mm) according to the manufacturer's installation instructions. The application and combination of reflective media (glass beads and/or reflective elements) shall be applied at a rate specified by the manufacturer. At the time of installation the pavement surface temperature shall be 40 °F (5 °C) and rising and the ambient temperature shall be 35 °F (2 °C) and rising. The pavement surface temperature and the ambient temperatures shall be determined and documented before the start of each of marking operation. The pavement markings shall not be applied if the pavement shows any visible signs of moisture or it is anticipated that moisture, such as rain showers, may occur during the installation and curing periods."

Revise Article 780.12 of the Standard Specifications to read:

"**780.12 Inspection.** The epoxy, thermoplastic, preformed thermoplastic, preformed plastic Type B or C, polyurea, and modified urethane pavement markings will be inspected following installation, but no later than October 15 for preformed plastic markings, November 1 for thermoplastic and preformed thermoplastic markings, and December 15 for epoxy, polyurea, and modified urethane markings. In addition, they will be inspected following a winter performance period that extends 180 days from November 1.

Within 15 calendar days after the end of the winter performance period, a final performance inspection will be made. Final acceptance requirements are as follows.

(a) Lane lines: 90 percent intact by area of each individual dashed line segment.

(b) Crosswalks, stop lines, arrows, and words: 90 percent intact by area of each individual line, symbol, or letter.

(c) Center lines, edge lines, gore markings, and channelizing lines: 90 percent intact by area measured over any 10 ft (3 m) length of any individual line regardless of width.

(d) Entire project: measured in its entirety according to (a), (b), and (c) above, the entire project shall be 95 percent intact.

Upon completion of the final performance inspection, or after satisfactory completion of any necessary correction, the Engineer will notify the Contractor, in writing, of the date of such final performance inspection and release him/her from further performance responsibility.

If this inspection discloses any work, in whole or in part, which does not meet the inspection requirements, the Contractor shall, within 30 calendar days, completely repair or replace such work to the satisfaction of the Engineer.

This performance inspection and performance acceptance of the epoxy, thermoplastic, preformed thermoplastic, preformed plastic Type B and C pavement, polyurea, and modified urethane markings shall not delay acceptance of the entire project and final payment due if the Contractor requires and receives from the subcontractor a third party "performance" bond naming the Department as obligee in the full amount of all pavement marking quantities listed in the contract, multiplied by the contract unit price. The bond shall be executed prior to acceptance and final payment of the non-pavement marking items and shall be in full force and effect until final performance inspection and performance acceptance of the epoxy, thermoplastic, preformed thermoplastic, preformed plastic, polyurea, and modified urethane pavement markings. Execution of the third party bond shall be the option of the Contractor."

Revise Article 780.13 of the Standard Specifications to read:

"**780.13 Method of Measurement.** This work will be measured for payment as follows.

(a) Contract Quantities. The requirements for the use of contract quantities shall be according to Article 202.07(a).

(b) Measured Quantities. Lines will be measured for payment in place in feet (meters). Double yellow lines will be measured as two separate lines.

Words and symbols shall conform to the sizes and dimensions specified in the Illinois Manual on Uniform Traffic Control Devices and Standard 780001 and will be measured based on the total areas indicated in Table 1 or as specified in the plans.

Removal of existing pavement markings will be measured for payment according to Article 783.05."

Add the following to Section 780 of the Standard Specifications:

"**780.14 Basis of Payment.** This work will be paid for at the contract unit prices per foot (meter) of applied line width, as specified, for THERMOPLASTIC PAVEMENT MARKING - LINE; PAINT PAVEMENT MARKING - LINE; EPOXY PAVEMENT MARKING - LINE; PREFORMED PLASTIC PAVEMENT MARKING - LINE - TYPE B, C, or B - INLAID; PREFORMED THERMOPLASTIC PAVEMENT MARKING – LINE; POLYUREA PAVEMENT MARKING TYPE I – LINE; POLYUREA PAVEMENT MARKING TYPE II - LINE; MODIFIED URETHANE PAVEMENT MARKING – LINE; and/or per square foot (square meter) for THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS; PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS; EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS; PREFORMED PLASTIC PAVEMENT MARKING - TYPE B, C, or B - INLAID - LETTERS AND SYMBOLS; PREFORMED THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS; MODIFIED URETHANE PAVEMENT MARKING – LETTERS AND SYMBOLS.

When the Contractor has the option of applying Permanent Pavement Marking it shall be Thermoplastic, Preformed Plastic (Type B, C, or B - Inlaid), Epoxy, Preformed Thermoplastic, Polyurea, or Modified Urethane Pavement Markings. It will be paid for at the contract unit price per foot (meter) of applied line for PERMANENT PAVEMENT MARKING - LINE 4 (100), 5 (125), 6 (150), 8 (200), 12 (300), 16 (400), or 24 in. (600 mm) and per square foot (square meter) for PERMANENT PAVEMENT MARKING - LETTERS AND SYMBOLS.

Temporary pavement markings placed in lieu of permanent will be paid for according to Article 703.07.

Removal of existing pavement markings will be paid for according to Article 783.06.

*TABLE 1

LETTERS
sq ft (sq m)

Size	A	B	C	D	E	F	G	H	I
6 ft (1.8 m)	3.1 (0.28)	4.0 (0.37)	2.7 (0.25)	3.4 (0.31)	3.3 (0.31)	2.6 (0.24)	3.3 (0.31)	3.4 (0.31)	1.5 (0.14)
8 ft (2.4 m)	5.5 (0.51)	7.1 (0.66)	4.8 (0.45)	6.1 (0.57)	5.9 (0.55)	4.7 (0.44)	5.8 (0.54)	6.0 (0.56)	2.6 (0.24)

Size	J	K	L	M	N	O	P	Q	R
6 ft (1.8 m)	2.1 (0.2)	3.1 (0.28)	2.2 (0.20)	4.2 (0.39)	4.0 (0.37)	3.4 (0.31)	3.0 (0.28)	3.6 (0.33)	3.6 (0.33)
8 ft (2.4 m)	3.7 (0.34)	5.7 (0.53)	3.8 (0.45)	7.4 (0.69)	7.1 (0.65)	6.0 (0.56)	5.3 (0.49)	6.3 (0.59)	6.3 (0.59)

Size	S	T	U	V	W	X	Y	Z
6 ft (1.8 m)	3.2 (0.30)	2.2 (0.20)	3.2 (0.30)	2.7 (0.25)	4.2 (0.39)	2.7 (0.25)	2.2 (0.20)	2.9 (0.26)
8 ft (2.4 m)	5.7 (0.53)	3.8 (0.35)	5.6 (0.52)	4.8 (0.45)	7.3 (0.68)	4.8 (0.45)	3.9 (0.36)	5.1 (0.47)

NUMBERS
sq ft (sq m)

Size	1	2	3	4	5
6 ft (1.8 m)	1.5 (0.14)	3.3 (0.31)	3.3 (0.31)	2.9 (0.26)	3.5 (0.33)
8 ft (2.4 m)	2.6 (0.24)	5.8 (0.54)	5.8 (0.54)	5.1 (0.47)	6.1 (0.57)

Size	6	7	8	9	0
6 ft (1.8 m)	3.5 (0.33)	2.2 (0.20)	3.8 (0.35)	3.5 (0.33)	3.4 (0.31)
8 ft (2.4 m)	6.2 (0.58)	3.8 (0.35)	6.7 (0.62)	6.2 (0.58)	6.0 (0.56)

SYMBOLS

Symbol	Large Size sq ft (sq m)	Small Size sq ft (sq m)
Through Arrow	11.5 (1.07)	6.5 (0.60)
Left or Right Arrow	15.6 (1.47)	8.8 (0.82)
2 Arrow Combination Left (or Right) and	26.0 (2.42)	14.7 (1.37)

Through		
3 Arrow Combination Left, Right, and Through	38.4 (3.56)	20.9 (1.94)
Lane Drop Arrow	41.5 (3.86)	--
Wrong Way Arrow	24.3 (2.26)	--
Railroad "R" 6 ft (1.8 m)	3.6 (0.33)	--
Railroad "X" 20 ft (6.1 m)	54.0 (5.02)	--
Handicapped Symbol	4.6 (0.43)	--

*Table applies to all types of pavement marking materials."

Add the following Section to Section 1095 of the Standard Specifications:

"**1095.09 Modified Urethane Pavement Marking.** The modified urethane pavement marking material shall consist of a homogenous blend of modified urethane resins and pigments designed to provide a simple volumetric mixing ratio of two components (must be two volumes of Part A to one volume of Part B). No volatile solvent or fillers will be allowed.

(a) Pigmentation. The pigment content by weight (mass) of Part A shall be determined by low temperature ashing according to ASTM D 3723. The pigment content shall not vary more than ± two percent from the pigment content of the original qualified paint.

White pigment shall be Titanium Dioxide meeting ASTM D 476 Type II, Rutile.

Yellow pigment shall be Organic Yellow containing no heavy metals.

(b) Environmental. Upon heating to application temperature, the material shall not exude fumes which are toxic or injurious persons or property when handled according to manufacturer specifications. The modified urethane pavement marking material compositions shall not contain free isocyanate functionality.

(c) Daylight Reflectance. The daylight directional reflectance of the cured modified urethane material (without reflective media) shall be a minimum of 80 percent (white) and 50 percent (yellow) relative to magnesium oxide when tested using a color spectrophotometer with a 45 degree circumferential / zero degrees geometry, illuminant C, and two degrees observer angle. The color instrument shall measure the visible spectrum from 380 to 720 nm with a wavelength measurement interval and spectral bandpass of 10 nm. In addition, the color of the yellow modified urethane shall visually match Color Number 33538 of Federal Standard 595a with chromaticity limits as follows:

x	0.490	0.475	0.485	0.539
y	0.470	0.438	0.425	0.456

(d) Weathering Resistance. The modified urethane, when mixed in the proper ratio and applied at 14 to 16 mils (0.35 to 0.41 mm) wet film thickness to an aluminum alloy panel (Federal Test Std. No. 141, Method 2013) and allowed to cure for 72 hours at room temperature, shall be subjected to accelerated weathering for 75 hours. The accelerated weathering shall be completed by using the light and water exposure apparatus (fluorescent UV – condensation type) and tested according to ASTM G 53.

The cycle shall consist of four hours UV exposure at 122 °F (50 °C) and four hours of condensation at 104 °F (40 °C). UVB 313 bulbs shall be used. At the end of the exposure period, the material shall show no substantial change in color or gloss.

(e) Drying Time. The modified urethane material, when mixed in the proper ratio and applied at 14 to 16 mils (0.35 to 0.41 mm) wet film thickness and with the proper saturation of glass beads, shall exhibit a no-tracking time of four minutes or less when tested according to ASTM D 711.

(f) Adhesion. The catalyzed modified urethane pavement marking materials when applied to a 4 x 4 x 2 in. (100 x 100 x 50 mm) concrete block shall have a degree of adhesion which results in a 100 percent concrete failure in the performance of this test.

The concrete block shall be brushed on one side and have a minimum strength of 3,500 psi (24,100 kPa). A 2 in. (50 mm) square film of the mixed modified urethane shall be applied to the brushed surface and allowed to cure for 72 hours at room temperature. A 2 in. (50 mm) cube shall be affixed to the surface of the modified urethane by means of an epoxy glue. After the glue has cured for 24 hours, the modified urethane specimen shall be placed on a dynamic testing machine in such a fashion so that the specimen block is in a fixed position and the 2 in. (50 mm) cube (glued to the modified urethane surface) is attached to the dynamometer head. Direct upward pressure shall be slowly applied until the modified urethane system fails. The location of the break and the amount of concrete failure shall be recorded.

(g) Hardness. The modified urethane marking materials, when tested according to ASTM D 2240, shall have a Shore D Hardness greater than 75. Films shall be cast on a rigid substrate at 14 to 16 mils (0.35 to 0.41 mm) in thickness and allowed to cure at room temperature for 72 hours before testing.

(h) Abrasion. The abrasion resistance shall be evaluated according to ASTM D 4060 using a Taber Abrader with a 1,000 gram load and CS 17 wheels. The duration of test shall be 1,000 cycles. The loss shall be calculated by difference and be less than 80. The tests shall be run on cured samples of modified urethane material which have been applied at a film thickness of 14 to 16 mils (0.35 to 0.41) to code S-16 stainless steel plates. The films shall be allowed to cure at room temperature for at least 72 hours and not more than 96 hours before testing.

(i) Tensile. When tested according to ASTM D 638, the modified urethane pavement marking materials shall have an average tensile strength of not less than 6000 psi

(41,300 kPa). The Type IV specimens shall be pulled at a rate of 1/4 in. (6.3 mm) per minute by a suitable dynamic testing machine. The samples shall be allowed to cure at 75 °F ± 2 °F (24 °C ± 1 °C) for a minimum of 24 hours and a maximum of 72 hours prior to performing the indicated tests.

(j) Compressive Strength. When tested according to ASTM D 695, the catalyzed modified urethane pavement marking materials shall have a compressive strength of not less than 12,000 psi (83,000 kPa). The cast sample shall be conditioned at 75 °F ± 2 °F (24 °C ± 1 °C) for a minimum of 72 hours before performing the indicated tests. The rate of compression of these samples shall be no more than 1/4 in. (6.3 mm) per minute.

(k) Glass Beads. The glass beads shall meet the requirements of Article 1095.04(m) and Article 1095.07 for first drop and second drop glass beads.

(l) Packaging. The material shall be shipped to the jobsite in substantial containers and shall be plainly marked with the manufacturer's name and address, the name and color of the material, date of manufacture and batch number.

(m) Verification. Prior to approval and use of the modified urethane pavement marking materials, the manufacturer shall submit a notarized certification of an independent laboratory, together with the results of all tests, stating these materials meet the requirements as set forth herein. The certification test report shall state the lot tested, manufacturer's name, brand name of modified urethane and date of manufacture. The certification shall be accompanied by 1 pt (1/2 L) samples each of Part A and Part B. Samples shall be sent in the appropriate volumes for complete mixing of Part A and Part B.

After approval by the Department, certification by the modified urethane manufacturer shall be submitted for each batch used. New independent laboratory certified test results and samples for testing by the Department shall be submitted any time the manufacturing process or paint formulation is changed.

(n) Acceptance samples. Acceptance samples shall consist of 1 pt (1/2 L) samples of Part A and Part B, of each lot of paint. Samples shall be sent in the appropriate volumes for complete mixing of Part A and Part B. The samples shall be submitted to the Department for testing, together with a manufacturer's certification. The certification shall state the formulation for the lot represented is essentially identical to that used for qualification testing. All, acceptance samples will be taken by a representative of the Illinois Department of Transportation. The modified urethane pavement marking materials shall not be used until tests are completed and they have met the requirements as set forth herein.

(o) Material Retainage. The manufacturer shall retain the test sample for a minimum of 18 months."

Add the following to Section 1105 of the Standard Specifications:

"**1105.04 Modified Urethane.** The modified urethane pavement marking compounds shall be applied through equipment specifically designed to precisely meter the two components in the ratio of 2:1 and approved by the manufacturer of the material. The equipment shall produce the required amount of heat at the mixing head and gun tip and maintain those temperatures within the tolerances specified. The equipment shall also have as an integral part of the gun carriage, a high pressure air spray capable of cleaning the pavement immediately prior to the marking application.

The equipment shall be capable of spraying both yellow and white modified urethane, according to the manufacturer's recommended proportions and be mounted on a truck of sufficient size and stability with an adequate power source to produce lines of uniform dimensions and prevent application failure. The truck shall have at least two urethane tanks each of 110 gal (415 L) minimum capacity and shall be equipped with hydraulic systems. It shall be capable of placing stripes on the left and right sides and placing two lines on a three-line system simultaneously with either line in a solid or intermittent pattern, in yellow or white, and applying glass beads by the double drop pressurized bead system. The system shall apply both the first drop glass beads and the second drop glass beads at a rate of 1.2 kg/L (10 lb/gal). The equipment shall be equipped with pressure gauges for each proportioning pump. All guns shall be in full view of operators at all times. The equipment shall have a metering device to register the accumulated installed quantities for each gun, each day. Each vehicle shall include at least one operator who shall be a technical expert in equipment operations and urethane application techniques. Certification of equipment shall be provided at the preconstruction conference."

80297

SPECIAL PROVISION
FOR
TRAFFIC PROTECTION

General. This item of work shall include furnishing, installing, maintaining, replacing, relocating and removing all traffic control devices used for the purpose of regulating, warning or directing traffic and protecting workers during the construction or maintenance of this improvement.

Traffic protection shall be provided as called for in the plans, these Special Provisions, applicable Traffic Control Highway Standards, applicable sections of the Standard Specifications, or as directed by the Engineer.

The governing factor in the execution and staging of work for this project is to provide the motoring public with the safest possible travel conditions along the roadway through or around the construction zone. The Contractor shall arrange his operations to keep the closing of any lane of the roadway to a minimum. Where the traffic of any building in the area of the proposed improvement is of an emergency nature, such as Hospital, Fire or Police Station traffic, the Contractor shall provide for free movement of such traffic during the course of construction.

Traffic Control Devices include signs and their supports, signals, pavement markings and markers, traffic cones, barricades with sand bags, plastic drums, channelizing devices, warning lights, arrow boards, flaggers, or any other device used for the purpose of regulating, detouring, warning or guiding traffic through or around the construction zone, including required devices and marking approaching and departing the construction zone.

The Contractor is required to conduct routine inspections of the worksite at a frequency that will allow for the prompt replacement of any traffic control device that has become displaced, worn or damaged to the extent that it no longer conforms to the shape, dimensions, color and operational requirements of the "Manual on Uniform Traffic Control Devices for Streets and Highways (MUTCD), the Traffic Control Standards and the "Quality Standard for Work Zone Traffic Control Devices" issued by the Illinois Department of Transportation or will no longer present a neat appearance to motorists. A sufficient quantity of replacement devices, based on vulnerability to damage, shall be readily available to meet this requirement.

The Contractor shall be responsible for the proper location, installation and arrangement of all traffic control devices. Special attention shall be given to advance warning signs during construction operations in order to keep lane assignment consistent with barricade placement at all times. The Contractor shall immediately remove, cover or turn from the view of the motorists all traffic control devices which are inconsistent with detour or lane assignment patterns and conflicting conditions during the transition from one construction stage to another. When the Contractor elects to cover conflicting or inappropriate signing, materials used shall totally block out reflectivity of the sign and shall cover the entire sign. The method used for covering the signing shall meet with the approval of the Engineer.

The Contractor shall coordinate all traffic control work on this project with adjoining or overlapping projects, including barricade placement necessary to provide a uniform traffic detour pattern. When directed by the Engineer, the Contractor shall remove all traffic control devices which were furnished, installed and maintained by him under this contract, and such devices shall remain the property of the Contractor. All

traffic control devices shall remain in place until specific authorization for relocation or removal is received from the Engineer.

The Contractor shall ensure that all traffic control devices installed by him are functional and effective 24 hours each day.

107.15 Dirt on Pavement or Structures. Add the following after the first paragraph of this Article:

When ordered by the Engineer, the Contractor shall use some method to allay dust and prevent a nuisance. This shall be done preferably by sprinkling the Subgrade or the portion of pavement used by trucks or busses with water. If conditions warrant, this shall receive constant attention by the Contractor. Calcium Chloride shall not be used for this purpose. No extra compensation shall be allowed the Contractor for this work.

Signs. All signs except those referring to daily lane closures shall be post mounted in accordance with Standard 701901 for all projects that exceed four days.

Construction signs referring to daytime lane closures during working hours shall be removed, covered or turned away from the view of the motorists during non-working hours.

Prior to the beginning of construction operations, the Contractor will be provided a sign log of all existing signs within the limits of the construction zone. The Contractor is responsible for verifying the accuracy of the sign log. Throughout the duration of this project, all existing traffic signs shall be maintained by the Contractor. All provisions of Article 107.25 of the Standard Specifications shall apply except the third paragraph shall be revised to read: "The Contractor shall maintain, furnish and replace at his own expense, any traffic sign, or post which has been damaged or lost by the Contractor or a third party".

"Fresh Oil" signs (W21-2) shall be used when prime is applied to pavement that is open to traffic. The signs are to remain until tracking of the prime ceases. The sign shall be erected a minimum of 500 feet preceding the start of the prime and on all side roads within the posted area. The "Fresh Oil" sign on the side road shall be posted a minimum of 200 feet from the mainline pavement.

"Rough Grooved Surface" signs (W8-I107) shall be used when the road has been cold milled and open to traffic. The signs shall remain in place until the milled surface condition no longer exists. These signs shall be erected a minimum of 500 feet preceding the start of the milled pavement and on all side roads within the posted area. The "Rough Grooved Surface" signs on the side roads shall be posted 200 feet from the mainline pavement. All signs shall have an 18" x 18" orange flag and amber flashing light attached.

Whenever a lane is closed to traffic using Standard 701606, 701601, or 701701, the pavement width transition sign (W4-2R or W4-2L) shall be used in lieu of "Workers" sign (W21-1 or W21-1a).

Whenever any vehicle, equipment, workers or their activities infringe on the shoulder or within 15 feet of the traveled way and the traveled way remains unobstructed, then the applicable Traffic Control Standard shall be 701006, 701011, 701101, or 701701. "Shoulder Work Ahead" sign (W21-5(0)-48) shall be used in lieu of the "Workers" sign (W21-1 or W-21-1a).

The Contractor shall provide and erect any other signs that are required for traffic safety operations and the conveyance of traffic information to the motorist, which may not be included in the Traffic Control

Standards. The requirement for these signs shall be determined by and installed at the direction of the Engineer.

Barricades: Any drop off greater than 3 inches, but less than 6 inches within 8 feet of the pavement edge shall be protected by Type I or II barricades equipped with mono-directional steady burn lights at 100 foot center to center spacing. If the drop off within 8 feet of the pavement edge exceeds 6 inches, the barricades mentioned above shall be placed at 50 foot center to center spacing. Barricades that must be placed in excavated areas shall have leg extensions installed such that the top of the barricade is in compliance with the height requirements of Standard 701901. In addition to the placement of barricades as described above, pavement drop off signs (W8-9a) shall be used along with the barricades and at the direction of the Engineer.

Placement of all signs, barricades or drums shall proceed in the direction of flow of traffic. Removal of all signs, barricades or drums shall start at the end of the construction areas and proceed toward oncoming traffic unless otherwise directed by the Engineer.

All Type I and Type II barricades, drums and vertical panels shall be equipped with a steady burn light when used during hours of darkness unless otherwise stated herein.

Check barricades shall be placed in work areas perpendicular to traffic every 1,000 feet, one per lane and per shoulder, to prevent motorists from using work areas as a traveled way. Two additional check barricades shall be placed in advance of each patch excavation or any other hazards in the work area, the first at the edge of the open traffic lane and the second centered in the closed lane. Check barricades shall be Type I or II and equipped with a flashing light.

Arrow Boards. A flashing arrow board shall be operating at all times when a lane is closed to traffic on a multilane highway. Arrow boards shall be provided and located in a head-on position within each lane closure taper.

Temporary Concrete Barrier Vertical Panels and Lights. Whenever temporary concrete barrier is specified in the plans, vertical panels and steady burning lights meeting the requirement of Articles 1106.01 and 1106.02 of the Standard Specifications and Standard 701901 shall be installed on the barrier at 50 foot centers minimum or at the spacing shown on the plans. The method of mounting shall be approved by the Engineer. Upon conclusion of the work, the panels and lights shall be removed and shall remain the property of the Contractor.

Pedestrian Sidewalk Control. The Contractor shall install, maintain and remove necessary signs and barricades needed to direct pedestrians to usable sidewalks and walkways during the construction in accordance with Traffic Control Standard 701801 or as directed by the Engineer. The Contractor shall make adequate provision for the free passage of foot traffic at all intersecting streets which are to remain open to traffic. The materials or equipment used in the construction of this improvement shall be so placed as to afford access to abutting private properly and to all hydrants and valves with a minimum of inconvenience.

All barricades shall be Type I or II equipped with flashing lights. At each point of closure, sufficient numbers of barricades shall be used to completely close the sidewalk to pedestrian movement. Where construction activities involve sidewalks on both sides of the street, the work shall be staged so that both sidewalks are not out of service at the same time.

107.09 Public Convenience and Safety. Revise the Seventh paragraph of this Article to read as follows:

The following vertical and horizontal restrictions shall pertain to roads as defined in the Illinois Highway Code, Article 2, Division 1, Section 2-101, 2-102, and 2-103 when construction is being performed with the road open to traffic.

The Contractor shall provide a telephone number where a responsible individual can be contacted on a 24-hour-a-day basis to receive notification of any deficiencies regarding traffic control and protection. The Contractor shall dispatch workers, materials and equipment to correct any such deficiencies. The Contractor shall respond to any call from the Department concerning any request for improving or correcting traffic control devices and begin making the requested repairs within two hours from the time of notification.

Personal vehicles shall not park within the right-of-way except in specific areas designated by the Engineer.

The contractor shall maintain at least one lane of traffic at all times on two lane roads and at least one lane in each direction on 4 or more lane roads, during the construction of this project. The Contractor shall also maintain areas to entrances and side roads along the proposed improvement. Interference with traffic movements and inconvenience to owners of abutting property and the public shall be kept to a minimum. Any delays or inconveniences caused to the Contractor by complying with these requirements shall be considered as incidental to the contract, and no additional compensation will be allowed.

On two lane roads, the Contractor is to plan the work so that there will be no open holes in the pavement and that all barricades will be removed from the pavement during non-work hours.

On four or more lane highways, there shall be no open holes in the pavement being used by the traveling public. Lane closures, if allowed, will be in accordance with the applicable standards, any staging details shown in the plans and other applicable contract documents.

The Contractor shall remove all equipment from the shoulders and medians after work hours.

No road closures or restrictions shall be permitted except those covered by the Traffic Control Highway Standards without written approval by the Engineer.

When traveling in lanes open to public traffic, the Contractor's vehicles shall always move with and not against or across the flow of traffic. These vehicles shall enter or leave work areas in a manner which will not be hazardous to, nor interfere with, traffic.

Pavement Markings. Temporary pavement marking paint used on temporary or unfinished surfaces shall be maintained to the highest degree of visibility and reflectivity and on long term projects shall be repainted when the temporary pavement marking shows signs of deterioration or at a minimum of every three (3) months and as directed by the Engineer at no additional cost and is considered as incidental to the cost of Traffic Protection.

Temporary pavement marking shall be applied as solid unbroken lines when used to delineate any pavement transition, turn lane transition and storage bay. Double yellow centerline shall be used across a bridge deck where the distance to be marked is less than 160 feet.

Temporary raised reflective bi-directional (amber) pavement markers (Section 781 and Article 1096.02 of the Standard Specifications) shall be used, and replaced when required, throughout a temporary by-pass detour pavement at no additional cost.

Method of Measurement. Delete: Article 701.19 Method of Measurement

Traffic Protection will not be measured for payment but shall include the furnishing, installing, maintaining, relocation and removal of traffic control devices required in the plans and these special provisions and all temporary pavement marking paint and tape lines, letters and symbols.

Basis of Payment. Delete: Article 701.20 Basis of Payment

This work will be paid for at the lump sum price for TRAFFIC PROTECTION, which price shall be payment in full for all labor, materials, transportation, handling and incidentals necessary to furnish, install, maintain, replace, relocate and remove all traffic control devices when required, such as signing, arrow boards, barricades, plastic drums, road closures, temporary pavement marking paint and tape lines and letters and symbols (Section 780 and Article 1095.02 of the Standard Specifications), temporary concrete barrier vertical panels and lights (Standard 701901), flexible delineators (Standard 701901), prismatic barrier reflectors (Sections 782 and 1097 of the Standard Specifications), temporary raised reflective pavement markers (Section 781 and Article 1096.02 of the Standard Specifications) and all traffic control devices indicated in the plans and specifications. The salvage value of all material removed (including existing traffic signs - when removal is required) shall be reflected in the bid price for this item.

Delays to the Contractor caused by complying with these requirements will be considered incidental to the item for Traffic Protection, and no additional compensation will be allowed.

Payment Adjustments. The Engineer may require additional traffic control to be installed in accordance with standards and/or designs other than those included in the plans. In such cases, the standards and/or designs will be made available to the Contractor at least one week in advance of the change in traffic control. Payment for any additional traffic control required will be in accordance with Article 109.04 of the Standard Specifications.

Revisions in the phasing of construction or maintenance operations, requested by the Contractor, may require traffic control to be installed in accordance with standards and/or designs other than those included in the plans. Revisions or modifications to the traffic control shown in the contract shall be submitted by the Contractor for approval by the Engineer. No additional payment will be made for a Contractor requested modification.

In the event the sum total value of all the work items for which traffic protection is required is increased or decreased by more than ten percent (10%), the contract bid price for Traffic Protection will be adjusted as follows:

Adjust contract price = $.25P + .75P\ [1 \pm (X-0.1)]$

Where "P" is the contract price for Traffic Protection

Where "X" = (Difference between original and final sum total value of all the work items for which protection is required) divided by (Original sum total value of all work items for which traffic protection is required)

The value of work items used in calculating the increase or decrease will include only items which have been added to or deducted from the contract under Article 104.02 of the Standard Specifications and only items which require use of Traffic Protection.

In the event the Department cancels or alters any portion of the contract which results in elimination or noncompletion of any portion of the work, payment for partially completed work will be made in accordance with Article 109.06 of the Standard Specifications.

SPECIAL PROVISION
FOR
PROJECT SIGNS PLAQUE

County will erect signs announcing `A Cook County Department of Transportation and Highways, Road Improvement Project' with a 24"X4" size plaque reading `COMING SOON' in front and `COMPLETED' in back. Contractor will remove this 24"X4" size plaque and store it at the beginning of work on the contract. When work on the contract is completed, Contractor will attach the plaques to the Project signs reading `COMPLETED'. The cost of this work will be incidental to the contract.

SPECIAL PROVISION
FOR
ERADICATION OF EXISTING PAVEMENT MARKING

Description. This work shall consist of eradication of existing painted, thermoplastic or preformed plastic pavement markings by sand or hydro-blasting and/or by grinding.

Equipment. All equipment shall be approved by the Engineer prior to use and shall be sufficient capacity to efficiently and economically clean the roadway surface to the specified cleanliness. The equipment shall be power driven and in good operating condition. The equipment shall utilize moisture and oil traps, in working order, of sufficient capacity to remove contaminants from the air and prevent deposition of moisture, oil, or other contaminants on the roadway surface.

If a high pressure water spray or "hydro blast" is used, the pressure at the nozzle shall be no less than 6,500 psi and no more than 9,500 psi with 10 to 13 gallons of water per minute used.

The blasting medium shall be a quality commercial product capable of producing the specified surface cleanliness without the deposition of deleterious materials on the cleaned surface.

Eradication Requirements. The eradication shall be performed only on that portion of the roadway surface designated by the Engineer or as specified in the plans. Widths, lengths, and shapes of the blast-cleaned surface shall be of sufficient size to include the full area of the specified pavement marking to be removed.

Ninety percent (90%) of the pavement substrate shall be exposed. This shall include not only removal of the existing white or yellow pavement markings, but shall also include sufficient removal of any black markings which exist between the lane lines.

Over cleaning to the extent of possible damage to the roadway surface shall be held to a minimum. Very small particles of tightly adhering existing markings may remain in place if, in the opinion of the Engineer, complete removal of the small particles will result in pavement surface damage.

The cleaning operation shall be a continuous moving process with minimum interruption to traffic. Care should be taken to protect all persons and property from injury or damage.

Method of Measurement. Eradicated pavement marking shall be measured for payment in square feet. The area used for measurement shall be the actual area of lines and in the case of letters and symbols shall be the area of the smallest rectangle that will circumscribe each individual letter or symbol.

Basis of Payment. This work will be paid for at the contract unit price per square foot of ERADICATION OF EXISTING PAVEMENT MARKING, which price shall include eradication of existing painted, thermoplastic or preformed plastic pavement markings to the satisfaction of the Engineer.

SPECIAL PROVISION
FOR
RAISED REFLECTIVE PAVEMENT MARKER

This special provision applies to pavement sections where existing surface will be diamond ground or will remain intact, and does not apply to pavement sections where existing surface will be milled, overlaid, removed, or recycled.

The removal of existing raised reflective pavement markers, including base casting and reflective element, shall meet the requirements of Section 783 of the "Standard Specifications for Road and Bridge Construction", except that the pavement shall be repaired to the satisfaction of the Engineer with epoxy that has similar color as pavement, and shall be approved by the Engineer prior to use. This work will be paid for at the contract unit price per each for RAISED REFLECTIVE PAVEMENT MARKER REMOVAL.

The installation of new raised reflective pavement markers shall meet the requirements of Section 781 of the "Standard Specifications for Road and Bridge Construction". To ensure proper installation of the new raised reflective pavement markers, the markers shall be located fore or aft of the existing casting location and on the existing alignment, or as directed by the Engineer. This work will be paid for at the contract unit price per each for RAISED REFLECTIVE PAVEMENT MARKER.

SPECIAL PROVISION
FOR
TRAFFIC SIGNAL WORK GENERAL

All work and equipment performed and installed under this contract, shall be governed and shall comply to the State of Illinois "Standard Specifications for Road and Bridge Construction" latest edition, herein referred to as the Standard Specifications and the "District One Standard Design Details"; the State of Illinois "Manual on Uniform Traffic Control Devices for Streets and Highways", latest edition; the "National Electrical Code" latest edition herein referred to as the NEC; the National Electrical Manufacturers Association, herein referred to as NEMA (all publications for traffic control items) latest editions; the International Municipal Signal Association, herein referred to as IMSA "Official Wire & Cable Specifications Manual" latest edition; the Institute of Transportation Engineers, herein referred to as the ITE, Technical Report No.1, "A Standard for Adjustable Face Vehicular Traffic Control Heads"; AASHTO "Standard Specifications for Structural Supports for Highway Signs, Luminaries and Traffic Signals" and the "Supplemental Specifications" and "Recurring Special Provisions" noted herein.

The following Special Provisions supplement the above specifications, manuals, and code. The intent of these Special Provisions is to prescribe the materials and construction methods commonly used for traffic signal installations. All material furnished shall be new. The locations and the details of all installations shall be as indicated on the Plans or as directed by the Engineer. Traffic signal construction and maintenance work shall be performed by personnel holding IMSA Traffic Signal Technician Level II certification. The work to be done under this contract consists of furnishing and installing all traffic signal work as specified in the Plans and as specified herein in a manner acceptable and approved by the Engineer. In case of conflict with any part or parts of said documents, these Special Provisions shall take precedence and shall govern.

In order to reduce possible vehicular conflicts with fixed objects and avoid public criticism, it is necessary to require that no posts, poles, heads, or controller cabinets be installed until all traffic signal control equipment is brought to and located on the job site.

The construction, installation and/or removal work shall be accomplished at all the intersections within the limits of this project or as shown in the plans.

Description of Work. The work to be done under this contract consists of furnishing and installing all traffic signal work as specified on the Plans and as specified herein in a manner acceptable and approved by the Engineer.

Restoration. All areas and plant material damaged by the installation of Traffic Signal posts, mast arm poles, underground cables or conduits, handholes and control cabinets shall be replaced as follows:

- Grass Areas: Replace top soil to a depth of four (4) inches (100 mm), re-grade shoulders, ditch slopes, and open areas back to former existing grades, fertilize, seed and mulch all damaged areas.

- Sod Areas (areas adjacent to residential, commercial and industrial properties and any other areas as directed by the engineer): Fertilize and re-sod damaged areas.
- Plant Materials: Remove and replace damaged trees, shrubs and vines with the same varieties that existed prior to damage.

- Shoulders other than Stabilized and Backslopes, medians, sidewalks, pavement, etc.: Replace shoulder to original condition and restore edge of backslope to original lines and grades. Medians, sidewalks and pavement shall be replaced in kind.

- All brick pavers disturbed in the work area shall be restored to their original configuration or as directed by the Engineer. All damaged brick pavers shall be replaced with a comparable material approved by the Engineer

All damaged landscape shall be replaced in accordance with Section 250 through 254 of the Standard Specifications.

Any damage, due to the installation of traffic signal equipment; or necessary removal at handholes, jacking pits, and inspection openings, of sidewalks, curbs, gutters, median and island paving, and/or pavement, shall be repaired or replaced by the Contractor. Repair or replacement shall be made with a like material of like thickness to the existing surface. Restoration of traffic signal work area shall be included in related pay items such as foundation, conduit, handhole, trench and backfill, etc.

Control of Traffic Signal Materials.

All work shall meet the requirements of the "Standard Specifications for Road and Bridge Construction", except as follows:

The controller and all control equipment shall be of a manufacturer that is approved by this Department. The manufacturer shall have a representative located in the six (6) county Chicago areas.

The intent of this Section is to prescribe the materials and construction methods commonly used for traffic signal installations. All material furnished shall be new. Traffic materials and equipment shall bear the U.L. label whenever such labeling is available.

All iron and steel products, which are to be incorporated into work shall be domestically manufactured or produced and fabricated. The contractor shall obtain from the iron or steel producer and/or fabricator, in addition to the mill analysis, a certification that all iron or steel materials meet these domestic source requirements.

The application of all coatings, epoxy, galvanizing, painting, etc., to metal products shall be domestically applied.

Metal material other than iron and steel, which are not domestically produced, may be accepted provided:

(a) The contractor notifies the Department in advance of his/her intension to use other than domestically manufactured or produced material.

(b) Written evidence is provided in English of compliance with all requirements of the specifications.

(c) Physical tests conducted by the department verify the acceptability of the material.

Before any signal equipment, including mast arm assemblies, poles, controller cabinets, all control equipment and signal heads, are delivered to the job site, the Contractor shall obtain and forward to the Engineer a certified, notarized statement from the manufacturer, containing the catalog numbers of the

equipment and/or material, guaranteeing that the equipment and/or material, after manufacture, comply in all respects with the requirements of the Specifications and these Special Provisions.

All material approval requests shall be within thirty (30) consecutive calendar days after the Contract is awarded, or at the pre-construction meeting, whichever is first.

All cost of work and materials required to comply with the above requirements shall be included in the pay item bid prices, under which the subject materials and signal equipment are paid, and no additional compensation will be allowed. Materials and signal equipment not complying with the above requirements that have been installed on the job will be done at the Contractor's own risk and may be subject to removal and disposal at the Contractor's expense.

The Contractor must submit the following for approval by the Engineer:

- Three (3) complete set of manufacturer's descriptive literature, drawings, and specifications of the traffic signal equipment, handholes, junction box, cable, conduit and all associated items that will be installed on the contract. Partial or incomplete submittal will be returned without review.

- The contractor shall supply samples of all wire and cable, and shall make up and supply samples of each type of cable splice proposed for use in the work for the-Engineer's approval.

- Seven (7) complete shop drawings of the mast arm assemblies and poles including combination mast arm poles are required, showing in detail the fabrication, anchor bolts, reinforcing materials, design material, thickness of sections and weld sizes. These drawing shall be at least 11" x 17" (275mm x 425mm) in size and adequate quality for microfilming.

- Certain non-standard mast arm poles and assembles will require additional review. The Contractor shall account for additional review time in their schedule.

- Seven (7) copies of a letter from the Traffic Signal Contractor on company letterhead listing contract number or permit number, project location limits, pay item number and description and listing the manufacturer's name and model numbers of the proposed equipment to be supplied and stating that the proposed equipment meets all Contract requirements. The letter will be reviewed by the Engineer to determine whether the equipment to be used is approvable. The letters will be stamped as approved or not approved accordingly and returned to the Contractor.

- Five (5) copies of a letter from the Traffic Signal Contractor listing the System Coordination and Timing (SCAT) consultant's name shall be supplied. The letter will be reviewed by the Engineer to determine whether the SCAT consultant to be used is approved. The letters will be stamped as approved or not approved accordingly and returned to the Contractor.

- Where certifications and/or warranties are specified. The information submitted for approval shall include certifications and warranties. Certifications involving inspections and/or tests of material shall be complete with all test data, dates and times.

- All above shall be stamped with the Section Number, Permit Number, or Contract Number and Intersection(s) name(s). Pay item numbers shall also be included. If the above required information is

not on each sheet of the above literature or letters, the equipment and material cuts will not be reviewed and shall be returned to the Contractor.

- Exceptions, Deviations and Substitutions. In general, exceptions to and deviations from the requirements of the Contract Documents will not be allowed. It is the Contractor's responsibility to note any deviations from Contract requirements at the time of submittal and to make any requests for deviations in writing to the Engineer. In general, substitutions will not be acceptable. Requests for substitutions must demonstrate that the proposed substitution is superior to the material or equipment required by the Contract Documents. No exceptions, deviations or substitutions will be permitted without the approval of the Engineer.

- After the engineer reviews the submittals for conformance with the design concept of the project, the Engineer will stamp the drawings indicating their status. Since the Engineer's review is for conformance with design concept only. It is the Contractor's responsibility to coordinate the various items into a working system as specified. The Contractor shall not be relieved from responsibility for errors or omissions in the shop working, layout drawings, or other documents by the Departments approval thereof. The Contractor must be in full compliance with contract and specification requirements.

Maintenance and Responsibility.

Revise Article 801.11 to read as follows.

a) Existing traffic signal installations and/or any electrical facilities at all or various locations may be altered or reconstructed totally or partially as part of the work on this Contract. The Contractor is hereby advised that all traffic control equipment, presently installed at these locations, may be the property of the State of Illinois, Department of Transportation, Division of Highways, Cook County Department of Transportation and Highways, Private Developer, or the Municipality in which they are located. Once the Contractor has begun any work on any portion of the project all traffic signals within the limits of this contract or those which have the item "Maintenance of Existing Traffic Signal Installation", "Temporary Traffic Signal Installation(s)" and/or "Maintenance of Existing Flashing Beacon Installation", shall become the full responsibility of the Contractor. Automatic Traffic Enforcement equipment is not owned by the County and the Contractor shall not be responsible for maintaining it during construction. The Contractor shall supply the engineer and the Department's Electrical Maintenance Contractor a 24-hour emergency contact name and telephone number.

b) When the project has a pay item for "Maintenance of Existing Traffic Signal Installation", "Temporary Traffic Signal Installation(s)" and/or "Maintenance of Existing Flashing Beacon Installation", the Contractor must notify both the Design Engineer at (312) 603-1730 and the Department's Electrical Maintenance Contractor, of their intent to begin any physical construction work on the Contract or any portion thereof. This notification must be made a minimum of seven (7) working days prior to the start of construction to allow sufficient time for inspection of the existing traffic signal installation(s) and transfer of maintenance to the Contractor. If work is started prior to an inspection, maintenance of the traffic signal installation(s) will be transferred to the Contractor without an inspection. The Contractor will become responsible for repairing or replacing all equipment that is not operating properly or is damaged at no cost to the owner of the traffic signal. Final repairs or replacement of damaged equipment must meet the approval of the

Engineer prior to or at the time of final inspection otherwise the traffic signal installation will not be accepted.

c) Projects which call for the storage and re-use of existing traffic signal equipment shall meet the requirements of Article 801.15(C) of the Standard Specifications, which call for a 30 day test period prior to project acceptance.

d) Contracts such as pavement grinding or patching which result in the destruction of traffic signal loops may not require maintenance transfer, unless a pay item of "Maintenance of Existing Traffic Signal Installation" is included in the project. When the pay item of "Maintenance of Existing Traffic Signal Installation" is not included, the Contractor is required to notify of intent to work and an inspection. A minimum of seven (7) working days prior to the loop removal, the Contractor shall notify the Design Engineer at (312) 603-1730, the Department's Electrical Maintenance Contractor and the owner of automatic traffic enforcement prior to the loop removal, at which time arrangements will be made to adjust the traffic controller timing to compensate for the absence of detection. Damaged Automatic Traffic Enforcement equipment, including cameras, detectors, or other peripheral equipment, shall be replaced by others, per Permit agreements or other agreements, at no cost to the contract except for City of Chicago projects in which the detectors shall be replaced. See additional requirements in these specifications under Inductive Loop Detector.

e) The Contractor is further advised that the existing traffic signal(s), and/or the existing temporary installation(s), must remain in operation during all construction stages except for the most essential down time. Any shutdown of the traffic signal installation(s), for a period to exceed fifteen (15) minutes, must have the prior approval of the Engineer. Such approval will generally only be granted during the period extending from 10:00 a.m. to 3:00 p.m. on weekdays. Shutdowns will not be allowed during inclement weather or during Holiday periods. Any other traffic signal shutdown, either for periods in excess of one (1) hour or outside of the 10:00 a.m. to 3:00 p.m. weekday period must have prior approval of the Engineer. The Contractor, prior to the commencement of his work, shall notify the State Electrical Maintenance Contractor, the Cook County Electrical Maintenance Contractor, or the concerned Municipality, of his intent to perform this work.

f) The Contractor shall be fully responsible for the safe and efficient operation of the traffic signals. Any inquiry, complaint or request by the Department, the Department's Electrical Maintenance Contractor or the public, shall be investigated and repairs begun within one hour. Failure to provide this service will result in liquidated damages of $500 per day per occurrence. In addition, the Department reserves the right to assign any work not completed within this timeframe to the Electrical Maintenance Contractor. All costs associated to repair this uncompleted work shall be the responsibility of the Contractor. Failure to pay these costs to the Electrical Maintenance Contractor within one month after the incident will result in additional liquidated damages of $500 per month per occurrence. Unpaid bills will be deducted from the cost of the Contract. The Department's Electrical Maintenance Contractor may inspect any signalizing device on the Department's highway system at any time without notification.

g) Any proposed activity in the vicinity of a highway-rail grade crossing must adhere to the guidelines set forth in the current edition of the Manual on Uniform Traffic Control Devices (MUTCD) regarding work in temporary traffic control zones in the vicinity of highway-rail grade crossings which states that lane restrictions, flagging, or other operations shall not create conditions where

vehicles can be queued across the railroad tracks. If the queuing of vehicles across the tracks cannot be avoided, a uniformed law enforcement officer or flagger shall be provided at the crossing to prevent vehicles from stopping on the tracks, even if automatic warning devices are in place.

Damage to Traffic Signal System.

Add the following to Article 801.12(b).

a) Any damaged equipment or equipment not operating properly from any cause whatsoever shall be repaired with new equipment provided by the contractor at no additional cost to the Contract and/or owner of the traffic signal system all as approved by the Engineer. Final repairs or replacement of damaged equipment must meet the approval of the Engineer prior to or at the time of final inspection otherwise the traffic signal will not be accepted. Cable splices outside the controller cabinet will not be allowed.

b) Automatic Traffic Enforcement equipment, such as Red Light Enforcement cameras, detectors, and peripheral equipment, damaged or not operating properly from any cause whatsoever, shall be the responsibility of the municipality or the Automatic Traffic Enforcement Company per Permit agreement or other agreements. Except in the City of Chicago in which detectors are damaged due to a County project.

Traffic Signal Inspection (Turn – On).

Revise Article 801.15b to read as follows.

a) The Contractor must have all electric work completed, the electrical service installation connected by the utility company and equipment field tested by the Vendor prior to the Department's "turn-on" field inspection. If in the event the Engineer determines the work is not complete and the inspection will require more than two (2) hours to complete, the inspection shall be canceled and the Contractor will be required to reschedule at another date. The maintenance of the traffic signals will not be accepted until all punch list work is corrected and re-inspected. The Department will not grant a field inspection until written certification is provided from the Contractor stating the equipment has been field tested and the intersection is operating according to Contract requirements.

b) When the road is open to traffic, except as otherwise provided in Section 850 of the Standard Specification, the Contractor may request a turn-on and inspection of the completed traffic signal installation at each separate location. This request must be made to the Design Engineer at (312) 603-1730 a minimum of seven (7) working days prior to the time of the requested inspection. The Department will not grant a field inspection until notification is provided from the Contractor that the equipment has been field tested and the intersection is operating according to Contract requirements. The Department's facsimile number is (312) 603-9956. The Contractor must invite local fire department personnel to the turn-on when Emergency Vehicle Pre-emption (EVP) is included in the project. When the contract includes the item RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM, OPTIMIZE TRAFFIC SIGNAL SYSTEM, or TEMPORARY TRAFFIC SIGNAL TIMINGS, the Contractor must notify the SCAT Consultant of the turn-on schedule, as well as stage changes and phase changes during construction.

c) The Contractor must have all traffic signal work completed and the electrical service installation connected by the utility company prior to requesting an inspection and turn-on of the traffic signal installation. The Contractor shall be responsible to provide a Police Officer to direct traffic at the time of testing.

d) The Contractor shall provide a representative from the control Equipment Vendor's office to attend the traffic signal inspection for both permanent and temporary traffic signal turn-ons. Upon demonstration that the signals are operating and all work is completed in accordance with the Contract and to the satisfaction of the Engineer, the Engineer will then allow the signals to be placed in continuous operation. The Agency that is responsible for the maintenance of each traffic signal installation will assume the maintenance upon successful completion of this inspection.

e) Acceptance of the traffic signal equipment by the Department shall be based upon inspection results at the traffic signal turn-on. If approved, traffic signal acceptance shall be verbal at the turn-on inspection followed by written correspondence from the Engineer. The Contractor shall be responsible for all traffic signal equipment and associated maintenance thereof until Departmental acceptance is granted.

f) All equipment and/or parts to keep the traffic signal installation operating shall be furnished by the Contractor. No spare traffic signal equipment is available acceptable from the Department.

g) All punch list work shall be completed within two (2) weeks after the final inspection. The Contractor shall notify the Design Engineer at (312) 603-1730 to inspect all punch list work. Failure to meet these time constraints shall result in liquidated damage charges of $500 per month per incident.

h) All cost of work and materials required to comply with the above requirements shall be included in the pay item bid prices under which the subject materials and signal equipment are paid and no additional compensation will be allowed. Materials and signal equipment not complying with the above requirements that have been installed on the job will be at the Contractor's own risk and shall be subject to removal and disposal at the Contractor's expense.

i) The Contractor shall furnish the Cook County Department of Transportation and Highways with any special tools or wrenches that may be required for assembling or maintaining the control equipment and traffic control signal head assemblies.

j) All control cable, when complete in place but before permanent connection, shall be subject to insulation tests at the discretion of the Engineer. The tests shall be made with approved insulation resistance testing equipment rated at 500 volts D.C. and witnessed by the Engineer. Results of these tests shall be submitted to the Department in written form, bearing the Engineers signature and shall become part of the project records. A final inspection of the traffic signal installation shall not be held until results of this insulation test have been received.

k) All equipment such as new controllers and allied central equipment with the exception of cable, conduit, and other materials which require the use of the State of Illinois Materials Testing Laboratories, shall be built in the suppliers shop and inspected by a representative of this Department prior to the installation of such equipment, and upon approval of this equipment an inspection ticket will be issued to the Contractor by the inspection agency (State of Illinois Material Testing Laboratory or the Cook County Transportation and Highways Mechanical-Electrical

Section). The controller and allied control equipment shall be prepared in the suppliers shop and run under a load of a minimum of 500 watts per phase for at least 48 hours before it is inspected for proper operation and sequencing. After it passes this test an inspection ticket will be issued by the Cook County Transportation and Highways Mechanical-Electrical Section representative and it can then be delivered to the job site for installation.

l) Upon completion of the installation, a final inspection will be carried out by qualified representatives of the Highway Agencies involved.

m) If the Contractor fails to comply with any of the aforementioned requirements, the County shall impose such sanction as it may determine to be appropriate including but not limited to withholding all payments to the Contractor on this contract until the provisions of this special provision are complete with and/or implementation of article 108.10 of the standard specifications.

At the final inspection it will be required that the Contractor will have submitted to the Engineer all necessary inspection tickets for all new equipment and materials installed under this Contract. If the Contractor has not obtained the inspection tickets on any portion of the new equipment and materials, the representative of this Department will have the authority to postpone the final inspection until such time as the above has been satisfied. Any postponement of the final inspection for this reason shall not relieve the Contractor of his full maintenance responsibilities until such time as the installation is re-inspected and accepted by the County.

The County requires the following from the Contractor at traffic signal turn-on.

1) The Contractor shall, at the turn-on furnish one set of signal plans (24"x36") of record with field revisions marked in red ink to the maintaining agency.

2) Written notification from the Contractor and the Equipment Vendor of satisfactory field testing.

3) A knowledgeable representative of the controller equipment supplier shall be required at the permanent and temporary traffic signal turn-on. The representative shall be knowledgeable of both cabinet design and controller functions and shall have sufficient test and spare equipment to make the traffic signal installation operational.

4) A copy of the approved material letter.

5) One (1) copy of the operation and service manuals of the signal controller and associated control equipment.

6) Five (5) copies 11" x 17" (280 mm X 430 mm) or 22" x 34" (560 mm x 860 mm) of the cabinet wiring diagrams and cable logs.

7) The controller manufacturer shall supply a printed form, not to exceed 11" x 17" (280 mm x 430 mm), for recording the traffic signal controller's timings; backup timings, coordination splits, offsets, cycles; TBC; Time of Day, week and year programs; traffic responsive program, detector phase assignment, type and detector switching; and any other functions programmable from the keyboard. The form shall include a location, date, manufacturers name, controller model and software version. The form shall be approved by the Engineer and a minimum of three (3) copies must be furnished at each turn-on. The manufacturer must provide all programming information used within the controller at the time of turn-on.

8) All Manufacturer and Contractor warranties and guaranties required by Article 801.14.

RECORD DRAWINGS

The requirements listed for Electrical Installation shall apply for Traffic Signal Installations in Article 801.16. Revise the 2nd paragraph of Article 801.16 of the Standard Specifications to read:

a. "When the work is complete, and seven days before the request for a final inspection, the full-size set of contract drawings. Stamped "RECORD DRAWINGS", shall be submitted to the Engineer for review and approval and shall be stamped with the date and the signature of the Contractor's supervising Engineer or electrician. The record drawings shall be submitted in PDF format on CDROM as well as hardcopy for review and approval.

b. In addition to the record drawings, copies of the final catalog cuts which have been Approved or Approved as Noted shall be submitted in PDF format along with the record drawings. The PDF files shall clearly indicate the pay item either by filename or PDF Table of Contents referencing the respective pay item number for multi-item PDF files. Specific part or model numbers of items which have been selected shall be clearly visible."

Add the following to Article 801.16 of the Standard Specifications:

"In addition to the specified record drawings, the Contactor shall record GPS coordinates of the following traffic signal components being installed, modified or being affected in other ways by this contract:

- All Mast Arm Poles and Posts
- Handholes
- Conduit roadway crossings
- Controller Cabinets
- Communication Cabinets
- Electric Service Disconnect locations
- CCTV Camera installations
- Fiber Optic Splice Locations

Datum to be used shall be North American 1983.

Data shall be provided electronically and in print form. The electronic format shall be compatible with MS Excel. Latitude and Longitude shall be in decimal degrees with a minimum of 6 decimal places. Each coordinate shall have the following information:

1. Description of item
2. Designation or approximate station if the item is undesignated
3. Latitude
4. Longitude

Examples:

Description	Designation	Latitude	Longitude
Mast Arm Pole Assembly (dual, combo, etc)	MP (SW, NW, SE or NE corner)	41.580493	-87.793378
FO mainline splice handhole	HHL-ST31	41.558532	-87.792571
Handhole	HH	41.765532	-87.543571
Electric Service	Elec Srv	41.602248	-87.794053
Conduit crossing	SB IL83 to EB I290 ramp SIDE A	41.584593	-87.793378
PTZ Camera	PTZ	41.584600	-87.793432
Signal Post	Post	41.558532	-87.792571
Controller Cabinet	CC	41.651848	-87.762053
Master Controller Cabinet	MCC	41.580493	-87.793378
Communication Cabinet	ComC	41.558532	-87.789771
Fiber splice connection	Toll Plaza34	41.606928	-87.794053

Prior to the collection of data, the contractor shall provide a sample data collection of at least six data points of known locations to be reviewed and verified by the Engineer to be accurate within 100 feet. Upon verification, data collection can begin. Data collection can be made as construction progresses, or can be collected after all items are installed. If the data is unacceptable the contractor shall make corrections to the data collection equipment and or process and submit the data for review and approval as specified.

Accuracy. Data collected is to be mapping grade. A handheld mapping grade GPS device shall be used for the data collection. The receiver shall support differential correction and data shall have a minimum 5 meter accuracy after post processing.

GPS receivers integrated into cellular communication devices, recreational and automotive GPS devices are not acceptable.

The GPS shall be the product of an established major GPS manufacturer having been in the business for a minimum of 6 years."

Location of Underground State and County Maintained Facilities.

Revise Article 803 to read as follows.

If this contract requires the services of an electrical contractor, the Contractor shall be responsible at his/her own expense for locating existing IDOT and CCDOTH facilities prior to performing any work. If this contract does not require the services of electrical contractor, the Contractor may request one free locate for existing IDOT and CCDOTH electrical facilities from the Electrical Maintenance Contractor(s) prior to the start of any work. Additional requests may be at the expense of the Contractor. The location of underground traffic facilities does not relieve the Contractor of their responsibility to repair any facilities damaged during construction at their expense.

The exact location of all utilities shall be field verified by the Contractor before the installation of any components of the traffic signal system. For locations of utilities, locally owned equipment, and leased enforcement camera system facilities, the local Counties or Municipalities may need to be contacted, in the City of Chicago contact D.I.G.G.E.R. at (312) 744-7000 and for all other locations contact J.U.L.I.E. at 1-800-892-0123 or 811.

SPECIAL PROVISION
FOR
DETECTOR LOOP

This work shall consist of furnishing and installing detector loop in accordance with the requirements of Section 886 and 1079 of the Standard Specifications, except as follows:

Description.
This work shall consist of furnishing and installing a detector loop in the pavement.

Procedure.
A minimum of seven (7) working days prior to the Contractor cutting loops, the Contractor shall have the proposed loop locations marked and contact the CCDOTH Design Engineer at (312) 603-1730 to inspect and approve the layout. When preformed detector loops are installed, the Contractor shall have them inspected and approved prior to the pouring of the portland cement concrete surface, using the same notification process as above.

Installation.
Each loop lead-in shall be placed in a separate conduit from edge of pavement to handhole. Loop detectors shall be installed according to the requirements of the "District 1 Standard Traffic Signal Design Details". Saw-cuts (homerun on preformed detector loops) from the loop to the edge of pavement shall be made perpendicular to the edge of pavement when possible in order to minimize the length of the saw cut (homerun on preformed detector loops) unless directed otherwise by the Engineer or as shown on the plans. Spacing between the lead-ins (holes drilled in the pavement) shall not be less than one (1) foot (300 mm) and shall be located one (1) foot (300 mm) from the edge of pavement. Loop lead-in wires should be twisted to provide a minimum of five (5) turns per foot (fifteen [15] turns per meter) from the loop to the splice.

The cable splice connection of the detector loop and the lead-in cable to the controller shall conform to Section 873 of the Standard Specifications or the requirements set forth in the "District 1 Standard Traffic Signal Design Details".

Each loop detector lead-in wire shall be labeled in the handhole using a Panduit PLFIM water proof tag or approved equal secured to each wire with nylon ties. The lead-in wire, including all necessary connections for proper operation, from the edge of pavement to the handhole shall be incidental to the price of the detector loop.

The detector loop cable insulation shall be labeled with the cable specifications.

Resistance to ground shall be a minimum of 100 megohms under any conditions of weather or moisture. Inductance shall be more than 50 and less than 700 microhenries. Quality readings shall be greater than 5.

Type 1:

- All loops installed in new asphalt pavement shall be installed in the binder course and not in the surface course. The edge of pavement or the curb shall be cut with a 1/4" (6.3 mm) x 4" (100 mm) long sawcut to mark the location of each loop lead-in.

- Loop sealant shall be a two-component thixotropic chemically cured polyurethane either Chemque Q-Seal 295, Perol Elastic Cement A/C Grade or an approved equal. The sealant shall be installed 1/8" (3 mm) below the pavement surface, if installed above the surface the overlap shall be removed immediately.

- Detector loop measurements shall include the sawcut and the length of the loop lead-in leading to the edge of pavement. The lead-in wire, including all necessary connections for proper operations, from the edge of pavement to the handhole, shall be incidental to the price of the detector loop. Unit duct, trench and backfill, and drilling of pavement or handholes shall be incidental to detector loop quantities.

- The corners of all loops shall be core drilled with a two (2) inch (50 mm) bit. All joints and cracks in the pavement that the loop crosses must be core drilled.

Preformed:

This work shall consist of furnishing and installing a rubberized heat resistant preformed traffic signal loop in accordance with the Standard Specifications, except for the following:

- Preformed detector loops shall be installed in new pavement constructed of portland cement concrete using mounting chairs or tied to re-bar or the preformed detector loops may be placed in the sub-base. Loop lead-ins shall be extended to a temporary protective enclosure near the proposed handhole location. The protective enclosure shall provide sufficient protection from other construction activities and may be buried for additional protection.

- Handholes shall be placed next to the shoulder or back of curb when preformed detector loops enter the handhole. Non-metallic coilable duct, included in this pay item, shall be used to protect the preformed lead-ins from back of curb to the handhole.

- Preformed detector loops shall be factory assembled with ends capped and sealed against moisture and other contaminants. Homeruns and interconnects shall be pre-wired and shall be an integral part of the loop assembly. The loop configurations and homerun lengths shall be assembled for the specific application. The loop and homerun shall be constructed using 11/16" (17.2 mm)outside diameter (minimum), 3/8" (9.5 mm) inside diameter (minimum) Class A oil resistant synthetic cord reinforced hydraulic hose with 250 psi (1,720 kpa) internal pressure rating or a similar sized XLPE cable jacket. Hose for the loop and homerun assembly shall be one continuous piece. No joints or splices shall be allowed in the hose except where necessary to connect homeruns or interconnects to the loops. This will provide maximum wire protection and loop system strength. Hose tee connections shall be heavy duty high temperature synthetic rubber. The tee shall be of proper size to attach directly to the hose, minimizing glue joints. The tee shall have the same flexible properties as the hose to insure that the whole assembly can conform to pavement movement and shifting without cracking or breaking. For XLPE jacketed preformed loops, all splice connections shall be soldered, sealed,

and tested before being sealed in a high impact glass impregnated plastic splice enclosure. The wire used shall be #16 THWN stranded copper.

The number of turns in the loop shall be application specific. Homerun wire pairs shall be twisted a minimum of four turns per foot. No wire splices will be allowed in the preformed loop assembly. The loop and homeruns shall be filled and sealed with a flexible sealant to insure complete moisture blockage and further protect the wire. The preformed loops shall be constructed to allow a minimum of 6.5 feet of extra cable in the handhole. Six foot (1.8 m) round loop(s) may be substituted for six foot (1.8 m) by six foot (1.8 m) square loop(s) and shall be paid for as 24 feet (7.2 m) of detector loop.

Method of Measurement.

This work will be measured for payment in feet (meters) in place. Type I detector loop will be measured along the sawed slot in the pavement containing the loop and lead-in, rather than the actual length of the wire. Preformed detector loops will be measured along the detector loop and lead-in embedded in the pavement, rather than the actual length of the wire.

Basis of Payment. This work will be paid for at the contract unit price per FOOT (METER) of DETECTOR LOOP, TYPE I or PREFORMED DETECTOR LOOP, as specified in the plans, which price shall be payment in full and for furnishing, installing and testing the Detector Loop and all related connections for proper operation.

SPECIAL PROVISION
FOR
COILABLE NON-METALLIC CONDUIT

This work shall consist of furnishing and installing empty Coilable Non-Metallic Conduit (CNC) in trench of the type and size specified. The installation of CNC shall meet all applicable requirements of the Standard Specifications of Section 810 and 811. All installations of CNC shall be incidental to the contract and not paid for separately. polyethylene duct shall be used for all detector loop raceways to handholes. All duct shall be placed a minimum depth of 30 inches (750 mm) or as shown on the contract plans or standard details.

The conduit shall be a polyethylene duct which is intended for underground use and which can be manufactured and coiled or reeled in continuous transportable lengths and uncoiled for further processing and/or installation without adversely affecting its properties of performance. The conduit and its manufacture shall conform to the standards of NEMA Publication TC7, ASTM Standard Specifications D3485 and NEC Article 353.

On temporary traffic signal installations with detector loops, CNC shall be used for detector loop raceways from the saw-cut to 10 feet (3 m) up the wood pole, unless otherwise shown on the plans.

Material. The conduit shall be manufactured from high density polyethylene complying with ASTM D1248, Type III, Class C and the requirements listed in Table 2-1 of NEMA TC7. Submittal information shall demonstrate compliance with the details of these requirements.

Construction. Conduit dimensions shall conform to the standards listed in Table 2-2 of NEMA TC7. Submittal information shall demonstrate compliance with these requirements.

As specified in NEMA TC7, the conduit shall be clearly and durably marked at least every 10 feet (3 meters) with the material designation (HDPE for high density polyethylene), nominal size of the conduit and the name and/or trademark of the manufacturer.

Freeze-up Test:. A ten foot length of the conduit bent into an upright "U" shape shall be filled with water and then placed in a low temperature cabinet and maintained at -20 degrees C for 24 hours. The conduit shall not crack or burst during the test.

Compression Test. The test shall be conducted on a six inch (150 mm) sample of the conduit. Samples are placed between six inch (150 mm) plates and compressed at the rate of one-half inch (12.5 mm) per minute until the distance between the plates is reduced by 50%, recording the load required to compress the conduit. The samples are then removed and allowed to stand for exactly 5 minutes. The load required to compress the sample shall be equal to or greater than that listed below and the conduit shall have returned to nor less than 85% of its original diameter at the end of the 5 minutes.

Nominal Size		Load
¾ inch.	20 mm	122 lbs.
1 inch.	25 mm	167 lbs.
1 ¼ inch.	30 mm	243 lbs.
1 ½ inch.	40 mm	297 lbs.
2 inch.	50 mm	387 lbs.

Tests. All of the tests referred to above and the applicable tests in the cited ASTM Standards shall be performed on the conduit at the manufacturer's plant and certified copies of the reports of the results of these tests shall be submitted to the Engineer prior to the installation of the CNC.

Basis of Payment.
All installations of CNC for loop detection shall be included in the contract and not paid for separately.

SPECIAL PROVISION
FOR
REBUILD EXISTING HANDHOLE
REBUILD EXISTING HEAVY DUTY HANDHOLE
REBUILD EXISTING DOUBLE HANDHOLE

This item shall consist of rebuilding a handhole, heavy duty handhole and/or double handhole at location(s) as shown on the plans or as directed by the Engineer. The work shall consist of removing the frame and cover and the walls of the handhole to a depth of thirteen (13) inches (330 mm) below finished grade.

Upon completion of the above work, for handhole and heavy duty handhole four (4) holes, for the double handhole six (6) holes, four (4) inches (100 mm) in depth and one half (1/2) inch (15 mm) in diameter, shall be drilled into the remaining concrete, for handhole and heavy duty handhole one (1) hole centered on each wall and for the double handhole one (1) hole centered on each side wall and two (2) holes evenly spaced on the front and back walls. Number 3 steel dowels eight (8) inches (200 mm) in length shall be furnished and installed in the drilled holes with masonry epoxy.

All concrete debris shall be removed from the right-of-way to a location approved by the Engineer.

The area adjacent to each wall of the handhole shall be excavated to allow forming. All steel hooks (galvanized), frame and cover and concrete shall be provided to construct a rebuilt handhole, heavy duty handhole or double handhole according to applicable portions of the Standard Specifications. If the Contractor damages the existing frame and cover, the Contractor shall be responsible for replacing the frame and cover at no cost to the County.

Basis of Payment. This work will be paid for at the contract unit price EACH for REBUILD EXISTING HANDHOLE, REBUILD EXISTING HEAVY DUTY HANDHOLE, REBUILD EXISTING DOUBLE HANDHOLE, REBUILD EXISTING HANDHOLE TO HEAVY DUTY HANDHOLE which price shall be payment in full for all labor, all materials, and equipment necessary to complete the work described above and as indicated in the Plans.

SPECIAL PROVISION
FOR
TEMPORARY TRAFFIC SIGNAL INSTALLATION

This item shall consist of furnishing, installing, maintaining and removing a temporary traffic signal installation at an existing intersection as shown on the plans and as described herein including but not limited to temporary signal heads, emergency vehicle priority systems, interconnect, vehicle detectors, uninterruptible power supply, and signing. Temporary traffic signal controllers and cabinets interconnected to railroad traffic control devices shall be new. When temporary traffic signals will be operating within a county or local agency Traffic Management System, the equipment must be NTCIP compliant and compatible with the current operating requirements of the Traffic Management System. The energy charges for the operation of the traffic signal installation shall be paid for by others if the installation is replacing an existing signal. Otherwise charges shall be paid for under Section 109.05 of the Road Specifications.

Only an approved Equipment Vendor will be allowed to assemble the temporary traffic signal cabinet. Only controllers supplied by an approved Equipment Vendor will be approved for use on temporary traffic signals. Only an approved Closed Loop Equipment Vendor shall assemble and test a temporary railroad interconnected traffic signal cabinet. (Refer to Traffic Actuated Controller Specification). A representative of the approved control Equipment Vendor shall be present at the temporary traffic signal turn-on inspection.

All "railroad interconnected" temporary traffic signal controllers and cabinets shall be newly constructed. Only controllers and cabinets supplied by one of the IDOT District 1 approved closed loop Equipment Manufacturers will be allowed.

The installation of a temporary traffic signal installation shall meet the requirements of Section 890 and 801.11 of the Standard Specifications and the Standard Drawings, except as follows:

Equipment. The Contractor shall provide the following:

- All control equipment for the temporary traffic signals shall be furnished by the Contractor unless otherwise stated in the plans. On projects with multiple temporary traffic signal installations, all controllers shall be of the same manufacturer brand and model number with current software installed.

- Only controllers supplied by one of the Cook County Department of Transportation and Highways approved closed loop equipment manufacturers will be approved for use at temporary signal locations. Controllers used for temporary traffic signals shall be fully actuated NEMA microprocessor based with RS232 data entry ports compatible with the latest revision of monitoring software approved CCDOTH or District 1 installed in NEMA TS2 cabinets with 8 phase back panels, capable of supplying 255 seconds of cycle length and individual phase length settings up to 99 seconds. On projects with one lane open and two way traffic flow, such as bridge deck repairs, the temporary signal controller shall be capable of providing an adjustable all red clearance setting of up to 30 seconds in length.

- All temporary traffic signal controllers shall meet or exceed the requirements of section 857 with regards to internal time coordination and preemption. The controller settings shall be set in the field as directed by the Engineer.

- All railroad interconnected temporary controllers and cabinets shall be new and shall satisfy the requirements of Article 857.02 of the Standard Specifications as modified herein. Only controllers and cabinet supplied by one of the IDOT district 1 approved closed loop equipment manufactures will be allowed.

- All temporary traffic signal cabinets shall have a closed bottom made of aluminum alloy. The bottom shall be sealed along the entire perimeter of the cabinet base to ensure a water, dust and insect-proof seal. The bottom shall provide a minimum of two (2) 100 mm (4 inch) diameter holes to run the electric cables through. The 100 mm (4 inch) diameter holes shall have a bushing installed to protect the electric cables and shall be sealed after the electric cables are installed.

- Grounding shall be provided for the temporary traffic signal cabinet meeting or exceeding the applicable portions of the National Electrical Code, Section 807 of the Standard Specifications and shall meet the requirements of the District 1 and Cook County Traffic Signal Specifications for "Grounding of Traffic Signal Systems".

- All traffic signal sections and pedestrian signal sections shall be of the 12" (300 mm) type. Traffic signal section shall be LED with expandable view, unless otherwise approval by the Engineer. Pedestrian signal heads shall be Light Emitting Diode (LED) Pedestrian Countdown Signal Heads except when a temporary traffic signal is installed at an intersection interconnected with a railroad grade crossing. When a temporary traffic signal is installed at an intersection interconnected with a railroad grade crossing, Light Emitting Diode (LED) Pedestrian Signal Heads shall be furnished. The temporary traffic signal heads shall be placed as indicated on the temporary traffic signal plan or as directed by the Engineer. The Contractor shall furnish enough cable slack to relocate heads to any position on the span wire or at locations illustrated on the plans for construction staging. The temporary traffic signal shall remain in operation during all signal head relocations. Each temporary traffic signal head shall have its own cable from the controller cabinet to the signal head. Signal heads shall be mounted no less than 17-ft and no more than 25-ft above the crown of the roadway. Signal heads with backplates shall be measured from the bottom of the backplate for minimum clearance and from the top signal section for maximum clearance.

Interconnect.

1. Temporary traffic signal interconnect shall be provided using fiber optic cable or wireless interconnect technology as specified in the plans. The Contractor may request, in writing, to substitute the fiber optic temporary interconnect indicated in the contract documents with a wireless interconnect. The Contractor must provide assurances that the radio device will operate properly at all times and during all construction staging. If approved for use by the Engineer, the Contractor shall submit marked-up traffic signal plans indicating locations of radios and antennas and installation details. If wireless interconnect is used, and in the opinion of the engineer, it is not viable, or if it fails during testing or operations, the Contractor shall be responsible for installing all necessary poles, fiber optic cable, and other infrastructure for providing temporary fiber optic interconnect at no cost to the contract.

2. The existing system interconnect and phone lines are to be maintained as part of the Temporary Traffic Signal Installation specified for on the plan. The interconnect shall be installed into the temporary controller cabinet as per the notes or details on the plans. All labor and equipment required to install and maintain the existing interconnect as part of the Temporary Traffic Signal

Installation shall be included in the item Temporary Traffic Signal Installation. When shown in the plans, temporary traffic signal interconnect equipment shall be furnished and installed. The temporary traffic signal interconnect shall maintain interconnect communications throughout the entire signal system for the duration of the project.

3. Temporary wireless interconnect, complete. The radio interconnect system shall be compatible with Eagle or Econolite controller closed loop systems. This item shall include all materials, labor and testing to provide the completely operational closed loop system as shown on the plans. The radio interconnects system shall include the following components:
   a. Rack or Shelf Mounted RS-232 Frequency Hopping Spread Spectrum (FHSS) Radio
   b. Software for Radio Configuration (Configure Frequency and Hopping Patterns)
   c. Antennas (Omni Directional or Yagi Directional)
   d. Antenna Cables, LMR400, Low Loss. Max. 100-ft from controller cabinet to antenna
   e. Brackets, Mounting Hardware, and Accessories Required for Installation
   f. RS232 Data Cable for Connection from the radio to the local or master controller
   g. All other components required for a fully functional radio interconnect system

   All controller cabinet modifications and other modifications to existing equipment that are required for the installation of the radio interconnect system components shall be included in this item.

   The radio interconnect system may operate at 900Mhz (902-928) or 2.4 Ghz depending on the results of a site survey. The telemetry shall have an acceptable rate of transmission errors, time outs, etc. comparable to that of a hardwire system.

   The proposed master controller and telemetry module shall be configured for use with the radio interconnect at a minimum rate of 9600 baud.

   The radio interconnect system shall include all other components required for a complete and fully functional telemetry system and shall be installed in accordance to the manufacturers recommendations.

   The following radio equipment is currently approved for use in Region One/District One: Encon Model 5100 and Intuicom Communicator II.

- All existing street name and intersection regulatory signs shall be removed from existing poles and relocated and securely fastened to the signal span wire. The signs shall be relocated to the new and/ or existing mast arm poles and posts at no extra cost. Any intersection regulatory signs that are required for the temporary traffic signal shall be provided as shown on the plans or as directed by the Engineer. Relocation, removing, bagging and installing the regulatory signs for the various construction stages shall be provided as shown on the plans or as directed by the Engineer.

- If lighted signs are existing they shall be taken down and stored by the Contractor and reflective street name signs shall be installed on the temporary signal. The existing lighted sign shall be installed at the updated intersection as part of this pay item.

- All emergency vehicle preemption equipment (light detectors, light detector amplifiers, confirmation beacons, etc.) as shown on the temporary traffic signal plans shall be provided by the Contractor. It

shall be the Contractor's responsibility to contact the municipality or fire district to verify the brand of emergency vehicle preemption equipment to be installed prior to the contract bidding. The equipment must be completely compatible with all components of the equipment currently in use by the Agency. All light operated systems shall operate at a uniform rate of 14.035 Hz ±0.002, or as otherwise required by the Engineer, and provide compatible operation with other light systems currently being operated in the County. All labor and material required to install and maintain the emergency vehicle pre-emption installation shall be included in the item Temporary Traffic Signal Installation.

- All temporary traffic signal installations shall have vehicle detection installed as shown on the plans, or as directed by the Engineer. Pedestrian push buttons shall be provided for all pedestrian signal heads/phases as shown on the plans or as directed by the Engineer. All approaches shall have vehicular detection provided by Vehicle Detection System as shown on the plans or as directed by the Engineer. Video vehicle detection system shall be approved by CCDOTH prior to Contractor furnishing and installing. The Contractor shall install, wire, and adjust the alignment of the video vehicle detection system in accordance to the manufacturer's recommendations and requirements. The Contractor shall be responsible for adjusting the alignment of the video vehicle detection system for all construction staging changes and for maintaining proper alignment throughout the project. A representative of the approved control equipment vendor and the video detection vendor shall be present and assist the contractor in setting up and maintaining the video vehicle detection system. An in-cabinet video monitor shall be provided with all video vehicle detection systems and shall be included in the item Temporary Traffic Signal Installation.

- Uninterruptible Power Supply. When called for in the plans, the UPS cabinet shall be mounted to the temporary traffic signal cabinet and meet the requirements of UNINTERRUPTIBLE POWER SUPPLY in Divisions 800 and 1000 of these specifications.

All labor and material required to comply with these requirements shall be considered incidental to the bid price of temporary traffic signal installation.

Maintenance Procedures. The Contractor shall perform the following maintenance procedures for each temporary installation designated to remain in operation during construction.

The Contractor Shall:

- Have on staff electricians with IMSA Level II certification to provide signal maintenance.

- Patrol and inspect each installation every two (2) weeks for proper alignment of signal heads, light detectors, lamp failures, and general operation of the traffic signal.

- Check all controllers every two (2) weeks, which will include visually inspecting all timing intervals, relays, detectors, and pre-emption equipment to insure that they are functioning properly. This item includes, as routine maintenance, all portions of emergency vehicle pre-emption equipment.

- Provide immediate corrective action to replace burned out lamps or damaged sockets. When lamps are replaced, the reflector and lens shall be cleaned. All replacement lamps shall meet the approval of the Engineer. The Contractor shall repair or replace all defective equipment from any cause whatsoever.

- Maintain in stock at all times a sufficient amount of materials and equipment to provide effective temporary and permanent repairs.

- Provide immediate corrective action when any part or parts of the system fail to function properly. Two far side heads facing each approach shall be considered the minimum acceptable signal operation pending permanent repairs. A near right signal must also be maintained. When repairs at a signalized intersection require that the controller be disconnected and power is available, the Contractor shall place the traffic signal installation on flashing operation. The signals shall flash RED for all directions unless a different indication has been specified by the Engineer.

- The Contractor is required to place stop signs (R1-1-36) at each approach to the intersection as a temporary means of regulating traffic. At approaches, where a Yellow Flashing indication is necessary, as directed by the Engineer, stop signs will not be required. The Contractor shall furnish and equip all their vehicles assigned to the maintenance of traffic signal installations with a sufficient number of Stop Signs as specified herein. The Contractor shall maintain sufficient number of spare Stop Signs in stock at all times to replace Stop Signs which may be damaged or stolen.

- Replace defective or damaged equipment. If the proper sequence with full detection cannot be obtained immediately, a controller which will provide the proper sequence and full detection shall be installed within twelve (12) hours of removal of the original controller.

- The Contractor shall be required to maintain the existing type of equipment and sequence of operations during the period of time that the original control equipment is being overhauled

- Provide the Engineer with the names, addresses, and telephone numbers of two (2) persons qualified and assigned to the maintenance of the traffic signal installation. These people must be made available 24 hours per day, each and every day of the year for emergency calls by the Engineer.

- Respond to all emergency calls from the Department or municipality within one hour after notification and provide immediate corrective action. When equipment has been damaged or becomes faulty beyond repair, the Contractor shall replace it with new and identical equipment. The cost of furnishing and installing the replaced equipment shall be borne by the Contractor at no additional charge to the State or County. The Contractor may institute action to recover damages from a responsible third party. If at any time the Contractor fails to perform all work as specified herein to keep the temporary traffic signal installation in proper operating condition or if the Engineer cannot contact the Contractor's designated personnel, the Engineer shall have the State's or the County's Electrical Maintenance Contractor perform the maintenance work required. The State's or County's Electrical Maintenance Contractor shall bill the Contractor for the total cost of the work. The contractor shall pay this bill within thirty (30) days of the date of receipt of the invoice or the cost of such work will be deducted from the amount due the Contractor.

When temporary traffic signals are to be installed at locations where existing signals are presently operating, the Contractor shall be fully responsible for the maintenance of the existing signal installation as soon as any physical work begins on the contract or any portion thereof until which time the temporary signals are functioning and the existing signals are removed. In addition, seven days prior to

assuming maintenance of the existing traffic signal installation(s) under this contract, the Contractor shall request that the Resident Engineer contact the Design Engineer at (312) 603-1730 for an inspection of the Installation(s). The Design Engineer shall establish a date and time of inspection and at this time shall check the installation to determine if any corrective work should be done by the State's or County's Electrical Maintenance Contractor or the Municipalities Contractor prior to the Contractor taking over maintenance of the installation. The Resident Engineer, Engineer, and the Contractor shall mutually agree on the date of maintenance transfer to the Contractor for this section.

Temporary Traffic Signals for bridge projects shall follow the State Standards, Standard Specifications, Cook County Specifications and any plans for Bridge Temporary Traffic Signals included in the plans. The installation shall meet the Standard Specifications and all other requirements in this "Temporary Traffic Signal Installation" specification. In addition all electric cable shall be aerially suspended, at a minimum height of 18 feet (5.5 m), on temporary wood poles (Class 5 or better) of 45 feet (13.7 m), minimum height. The signal heads shall be span wire mounted or bracket mounted to the wood pole as shown in the plans or as directed by the Engineer. The Controller cabinet shall be mounted to the wood pole or as directed by the Engineer. Video vehicle detection may be used in place of the detector loops as approved by the Engineer.

Temporary Portable Traffic Signal for Bridge Projects.

1. Unless otherwise directed by the Engineer, temporary portable traffic signals shall be restricted to use on roadways of less than 8000 ADT that have limited access to electric utility service, shall not be installed on projects where the estimated need exceeds ten (10) weeks, and shall not be in operation during the period of November through March. The Contractor shall replace the temporary portable traffic signals with temporary span wire traffic signals noted herein at no cost to the contract if the bridge project or Engineer requires temporary traffic signals to remain in operation into any part of period of November through March. If, in the opinion of the engineer, the reliability and safety of the temporary portable traffic signal is not similar to that of a temporary span wire traffic signal installation, the Contractor shall replace the temporary portable traffic signals with temporary span wire traffic signals noted herein at no cost to the contract.

2. The controller and LED signal displays shall meet the Standard Specifications and all other requirements in this TEMPORARY TRAFFIC SIGNAL INSTALLATION specification".

3. Work shall be according to Article 701.18(b) of the Standard Specifications except as noted herein.

4. General.
   a. The temporary portable bridge traffic signals shall be trailer-mounted units. The trailer-mounted units shall be set up securely and level. Each unit shall be self-contained and consist of two signal heads. The left signal head shall be mounted on a mast arm capable of extending over the travel lane. Each unit shall contain a solar cell system to facilitate battery charging. There shall be a minimum of 12 days backup reserve battery supply and the units shall be capable of operating with a 120 V power supply from a generator or electrical service.
   b. All signal heads located over the travel lane shall be mounted at a minimum height of 17 feet (5m) from the bottom of the signal back plate to the top of the road surface. All far right signal heads located outside the travel lane shall be mounted at a minimum height of 8 feet (2.5m) from the bottom of the signal back plate to the top of the adjacent travel lane surface.

c. The long all red intervals for the traffic signal controller shall be adjustable up to 250 seconds in one-second increments.
d. As an alternative to detector loops, temporary portable bridge traffic signals may be equipped with video detection or other approved methods of vehicle detection and traffic actuation.
e. All portable traffic signal units shall be interconnected using hardwire communication cable. Radio communication equipment may be used only with the approval of the Engineer. If radio communication is used, a site analysis shall be completed to ensure that there is no interference present that would affect the traffic signal operation. The radio equipment shall meet all applicable FCC requirements.
f. The temporary portable bridge traffic signal system shall meet the physical display and operational requirements of conventional traffic signals as specified in Part IV and other applicatble portions of the currently adopted version of the Manual on Uniform Traffic Control Devices (MUTCD). The signal system shall be designed to continuously operate over an ambient temperature range between -30 °F (-34 °C) and 120 °F (48 °C). When not being utilized to inform and direct traffic, portable signals shall be treated as nonoperating equipment according to Article 701.11.
g. Basis of Payment. This work will be paid for according to Article 701.20(c).

Basis of Payment: This work will be paid for at the contract unit price EACH for TEMPORARY TRAFFIC SIGNAL INSTALLATION, TEMPORARY BRIDGE TRAFFIC SIGNAL INSTALLATION or TEMPORARY PORTABLE BRIDGE TRAFFIC SIGNAL INSTALLATION, which price shall include all costs for the modifications required for traffic staging, changes in signal phasing as required in the Contract plans, video vehicle detection system, any maintenance or adjustment to the video vehicle detection system, all material required, the installation and complete removal of the temporary traffic signal. Sixty percent of the bid price will be paid following approval of each installation. The remaining 40 percent will be paid following removal of each installation.

SPECIAL PROVISION
FOR
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION

This item shall consist of maintaining the existing traffic signal installation at an intersection as shown on the plans and as described herein. Full maintenance responsibility shall start as soon as the Contractor begins any physical work on the contract or any portion thereof. The energy charges for the operation of the traffic signal installation shall be paid for by others. The maintenance of an existing traffic signal installation shall meet the requirements of Section 801.11 and 850 of the Standard Specifications except as follows:

This item shall include maintenance of all traffic signal equipment at the intersection, including emergency vehicle pre-emption equipment, master controllers, uninterruptible power supply (UPS and batteries) telephone service installations, communications cables and conduit to adjacent intersections, and other traffic signal equipment, but shall not include Automatic Traffic Enforcement equipment, such as Red Light Enforcement cameras, detectors, or peripheral equipment, not owned by the State and County.

Seven days prior to assuming maintenance of the existing traffic signal installation(s) under this contract, the Contractor shall request that the Resident Engineer contact the Cook County Design Engineer at (312) 603-1730 for an inspection of the installation(s). The Design Engineer shall establish a date and time of inspection and at this time shall check the installation to determine if any corrective work should be done by the State, the County, or the Municipalities Electrical Maintenance Contractor prior to the Contractor taking over the maintenance of the installation(s). The Resident Engineer, the Design Engineer, and the State, County, or Municipality Maintenance Contractor and the Contractor shall mutually agree on the date of maintenance transfer to the Contractor for this contract.

Maintenance Procedures The Contractor shall perform the following maintenance procedures for each existing installation designated to remain in operation during construction:

- Have on staff electricians with IMSA Level II certification to provide signal maintenance.
- Patrol and inspect each installation every two (2) weeks for proper alignment of signal heads, light detectors, lamp failures, and general operation of the traffic signal.
- Check all controllers every two (2) weeks, which will include visually inspecting all timing intervals, relays, detectors, and pre-emption equipment to insure that they are functioning properly. This item includes, as routine maintenance, all portions of emergency vehicle pre-emption equipment.
- Provide immediate corrective action to replace burned out lamps or damaged sockets. When lamps are replaced, the reflector and lens shall be cleaned. All replacement lamps shall meet the approval of the Engineer. The Contractor shall repair or replace all defective equipment from any cause whatsoever.
- Maintain in stock at all times a sufficient amount of materials and equipment to provide effective temporary and permanent repairs.

- Provide immediate corrective action when any part or parts of the system fail to function properly. Two far side heads facing each approach shall be considered the minimum acceptable signal operation pending permanent repairs. A near right signal must also be maintained. When repairs at a signalized intersection require that the controller be disconnected or otherwise removed from normal operation, and power is available, the Contractor shall place the traffic signal installation on flashing operation. The signals shall flash RED for all directions unless a different indication has been specified by the Engineer. The Contractor is required to place stop signs (R1-1-36) at each approach to the intersection as a temporary means of regulating traffic. At approaches, where a Yellow Flashing indication is necessary, as directed by the Engineer, stop signs will not be required. When the signals operate in flash, the Contractor shall furnish and equip all his vehicles assigned to the maintenance of traffic signal installations with a sufficient number of Stop Signs as specified herein. The Contractor shall maintain sufficient number of spare Stop Signs in stock at all times to replace Stop Signs which may be damaged or stolen.

- Replace defective or damaged equipment. If the proper sequence with full detection cannot be obtained immediately, a controller which will provide the proper sequence and full detection shall be installed within twelve (12) hours of removal of the original controller.

- The Contractor shall be required to maintain the existing type of equipment and sequence of operations during the period of time that the original control equipment is being overhauled

- Provide the Engineer with the names, addresses, and telephone numbers of two (2) persons qualified and assigned to the maintenance of the traffic signal installation. These people must be made available 24 hours per day, each and every day of the year for emergency calls by the Engineer.

- Respond to all emergency calls from the Department or others within one hour after notification and provide immediate corrective action. When equipment has been damaged or becomes faulty beyond repair, the Contractor shall replace it with new and identical equipment. The cost of furnishing and installing the replaced equipment shall be borne by the Contractor at no additional charge to the State or County. The Contractor may institute action to recover damages from a responsible third party. If at any time the Contractor fails to perform all work as specified herein to keep the traffic signal installation in proper operating condition or if the Engineer cannot contact the Contractor's designated personnel, the Engineer shall have the State's or the County's Electrical Maintenance Contractor perform the maintenance work required. The State's or County's Electrical Maintenance Contractor shall bill the Contractor for the total cost of the work. The contractor shall pay this bill within thirty (30) days of the date of receipt of the invoice or the cost of such work will be deducted from the amount due the Contractor. The Contractor shall allow the Electrical Maintenance Contractor to make reviews of the Existing Traffic Signal Installation that has been transferred to the Contractor for Maintenance.

Traffic signal equipment which is lost or not returned to the Department for any reason shall be replaced with new equipment meeting the requirements of the Standard Specifications and these special provisions.

Basis of Payment. This work will be paid for at the contract unit price EACH for MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION, which price shall be payment in full for all materials, equipment, and labor necessary to maintain the existing traffic signals as shown on the plans. Each intersection shall be paid for separately. Following the completion of the traffic signal maintenance transfer

to the Contractor, 30 percent of the bid price will be paid. Following the traffic signal maintenance transfer to County, state and/or local agency, 30 percent of the bid price will be paid. The remaining 40 percent will be paid when all items on the punch list are done to the satisfaction of the engineer.

SPECIAL PROVISION
FOR
TEMPORARY TRAFFIC SIGNAL TIMINGS

Description. This work shall consist of developing and maintaining appropriate traffic signal timings for the specified intersection for the duration of the temporary signalized condition, as well as impact to existing traffic signal timings caused by detours or other temporary conditions.

All timings and adjustments necessary for this work shall be performed by an approved Consultant who has previous experience in optimizing Closed Loop Traffic signal Systems for the County. The Contractor shall contact the Traffic Signal Engineer at (312) 603-1730 for a listing of approved Consultants.

The following tasks are associated with TEMPORARY TRAFFIC SIGNAL TIMINGS.

(a) Consultant shall attend temporary traffic signal inspection (turn-on) and/or detour meeting, if needed and conduct on-site implementation of the traffic signal timings. Make fine-turning adjustments to the timings in the field to alleviate observed adverse operating conditions and to enhance operations.

(b) Consultant shall provide monthly observation of traffic signal operations in the field.

(c) Consultant shall provide on-site consultation and adjust timings as necessary for construction stage changes, temporary traffic signal phase changes, and any other conditions affecting timing and phasing, including lane closures, detours, and other construction activities.

(d) Consultant shall make timing adjustments and prepare comment responses as directed by the Traffic Signal Engineer.

(e) Return original timing plan once construction is complete.

Basis of Payment. The work shall be paid for at the contract unit price EACH for TEMPORARY TRAFFIC SIGNAL TIMINGS, which price shall be payment in full for performing all work described herein per intersection. When the temporary traffic signal installation is turned on and/or detour implemented, 50 percent of the bid price will be paid. The remaining 50 percent of the bid price will be paid following the removal of the temporary traffic signal installation and/or detour.

SPECIAL PROVISION
FOR
CLEAN AND RESEAL RELIEF JOINT

Description.

This item shall consist of furnishing all equipment and labor for removal of any existing joint material, cleaning interior vertical surfaces of the joint, repairing any existing dowel bars as specified by the Engineer, and installation of new joint as specified in the plans.

Method of Measurement.

Clean and Reseal Relief Joint will be measured for payment in place in feet (meters).

Basis of Payment.

The work specified herein, as shown on the plans and as directed by the Engineer, shall be paid for at the contract unit price per foot (meter) for **CLEAN AND RESEAL RELIEF JOINT**.

SPECIAL PROVISION
FOR
CLASS C PATCHES, JOINT REPAIR SPECIAL

Class C Patches Joint Repair Special 10 Inches, shall be performed at the direction of the Engineer. It is the intent of this item to repair deteriorated longitudinal joint in the area of Concrete pavement. Class C Patches should be 2 foot wide and that all work shall be performed in accordance with Section 442 of the Standard Specifications and the surface finish of the patch should be as per the direction of the Engineer.

This work shall be paid for at the contract price per square yard for **CLASS C PATCHES, JOINT REPAIR, SPECIAL 10 IN.**

SPECIAL PROVISION
FOR
COMBINATION CONCRETE CURB AND GUTTER, TYPE B - 6.24 SPECIAL

Combination Concrete Curbs and Gutter, Type B – 6.24, Special shall be performed in order to repair the deterioration at the joint between the edge of pavement and the gutter flag. Wherever in the opinion of the Engineer the pavement edge and gutter flag had deteriorated 2 to 4 inches in width a Concrete Curb and Gutter and a 6 inch of adjacent Concrete Pavement to be removed as per the direction of the Engineer. All work shall be performed in accordance with Section 606 and Section 420 of the Standard Specifications.

This pay item includes the full depth saw cutting of the Concrete pavement 6 inch into the existing adjacent pavement and removal and disposal of the pavement sliver along with the Concrete Curb and Gutter, drilling and grouting of the tie bars and pouring monolithically the Concrete Curb and Gutter and adjacent Concrete pavement. All necessary earth work, pavement removal and disposal, Concrete Curb and Gutter removal and disposal to complete the job shall be paid as Combination Curb and Gutter removal, Special. While the monolithic construction of the Concrete Pavement 6 inch. Into the existing adjacent pavement along with the Concrete Curb and Gutter shall be paid as **COMBINATION CONCRETE CURB AND GUTTER, TYPE B 6.24, SPECIAL.**

SPECIAL PROVISION
FOR
COMBINATION CURB AND GUTTER, REMOVAL SPECIAL

Combination Concrete Curbs and Gutter, Removal, Special shall be performed to repair the deterioration at the joint between the edge of pavement and the gutter flag. Wherever in the opinion of the Engineer the pavement edge and gutter flag had deteriorated 2 to 4 inches in width a Concrete Curb and Gutter and a 6 inch of adjacent Concrete pavement to be removed as per the direction of the Engineer and all work shall be performed in accordance with Section 440 of the Standard Specifications for pavement removal and Combination Curb and Gutter, removal.

This pay item includes the full depth saw cutting of the Concrete pavement 6 inch into the existing adjacent pavement and removal and disposal of the pavement sliver along with the Concrete Curb and Gutter. All necessary earth work, pavement removal and disposal, Concrete Curb and Gutter removal and disposal required to complete the job is included in the pay item.

This work shall be paid as **COMBINATION CURB AND GUTTER, REMOVAL, SPECIAL.**

SPECIAL PROVISION
FOR
CRACK AND JOINT ROUTING AND SEALING

Description. This work shall consist of the sawing and routing, proper preparation and sealing or resealing of cracks and longitudinal joints in accordance with Section 452 of the Standard Specifications. These joints may be located in patched or non-patched areas of the pavement. This work will be done at the specific locations determined by the Engineer and be properly coordinated with other work on the project including diamond grinding, as applicable.

Basis of Payment. This work shall be paid for at the contract unit price per Foot for **Crack and Joint Routing and Sealing** which shall include all labor and equipment, joint and crack cleaning and preparation, crack routing or sawing, backer rod installation, as may be required, sealant and "dusting" of the sealant to prevent tracking, as may be required. Traffic Protection required for this work will be paid separately.

SPECIAL PROVISION
FOR
SEALING EXISTING TRANSVERSE JOINTS

Description. This work shall consist of the proper preparation and sealing or resealing of transverse contraction joints in accordance with Section 452 of the Standard Specifications. These joints may be located in patched or non-patched areas of the pavement. This work will be done at the locations determined by the Engineer and be properly coordinated with other work on the project including diamond grinding, as applicable.

Basis of Payment. This work shall be paid for at the contract unit price per Foot for **Sealing Existing Transverse Joints** which shall include all labor and equipment, joint cleaning and preparation, backer rod installation, as may be required, sealant and "dusting" to prevent tracking, as may be required. Traffic Protection required for this work will be paid separately.

SPECIAL PROVISION
FOR
LEVELING BINDER (HAND METHOD), IL-9.5, N70 SPECIAL

Leveling Binder (Hand Method), IL-9.5, N70 Special, shall be used at the direction of the Engineer. This item shall be used to create a smooth transition over the existing concrete or bituminous medians as required for staging. Existing medians to be crossed over for staging shall be ramped at a minimum of a 6:1 slope with any corrugations being filled to create a smooth surface. Maintenance, removal and disposal necessary to complete this work shall be included in the pay item.

This work shall be paid for at the contract price per Ton for **LEVELING BINDER (HAND METOD), IL-9.5, N70 SPECIAL**

COUNTY OF COOK

CHICAGO, ILLINOIS

PROPOSAL

For a County Highway Improvement in the County of Cook, State of Illinois,

known as **GROUP 1 - 2015**

Routes **A54** *Sections* **14-A5416-03-RP & 14-A5416-04-BR**

Hintz Road – Elmhurst Road to Milwaukee Avenue

and

Hintz Road at Ecko Lake (West of Wheeling Road)

LOCATION OF IMPROVEMENT

The proposed improvement is part of the public highway system in the County of Cook, State of Illinois, located by section and route before mentioned, and is indicated on the map showing the County Highway System on file in the office of the County Clerk and also in the office of the Illinois Department of Transportation, Division of Highways, Springfield, Illinois.

The improvement to Hintz Road begins at Station 10+33, a point approximately 33 feet east of the centerline of Elmhurst Road and extends in an easterly direction to Station 119+53, a point approximately 32 feet west of the centerline of Milwaukee Avenue, with an omissions between Sta.50+65 to Sta. 50+98 and Sta. 93+58 to Sta. 95+52, for a total distance of 10,920 feet (2.068 Miles) of which 10,693 feet (2.025 Miles) to be improved. The improvement is located within the Village of Wheeling.

DESCRIPTION OF IMPROVEMENT

This is a Quality Control/Quality Assurance project utilizing Hot-Mix Asphalt (HMA) mixtures. It is the intent of this improvement to provide diamond grinding of the existing P.C.C. Pavement along Hintz Road between Elmhurst Road and Milwaukee Avenue, and Pavement repair with P.C. Concrete pavement (10 in.) or Class B Patches (10 in.), type as required. The work also includes the removal and replacement of damaged P.C. Concrete Curb and Gutter, as required, Crack and joint Routing and Sealing, as required, Median removal and replacement, as required, Traffic protection, Drainage repairs and adjustments, as required and removal and replacement of Traffic Signal Detector loops and reflective pavement markers, as required. Also included is the removal of Hot-Mix Asphalt Surface to a depth of 2 in. and resurfacing with Hot-Mix Asphalt Surface Course, Mix "D", II-9.5, N70 (2 in.), near Rail Road and various improvements along Hintz Road from Arlington Heights Road to Elmhurst Road.

ECONOMIC DISCLOSURE STATEMENT AND EXECUTION DOCUMENTS

INDEX

Section	Description
I	**Instructions for Completion of Economic Disclosure Statement**
II	**Insert IDOT Certificate of Eligibility**
III	**Insert IDOT Affidavit of Availability**
IV	**MBE/WBE Forms** Utilization Plan Letter of Intent from MBE/WBE to perform as Subcontractor, Supplier and/or Consultant Petition for Reduction/Waiver of MBE/WBE Participation Goals
V	**Contractor Current Certifications**
VI	**Required Disclosures** Lobby, Local Business Preference, Child Support Enforcement Ordinance, Real Estate Ownership Affidavit of Child Support Obligations Disclosure of Ownership Interest Statement
VII	**Ethics Disclosure Forms** Introduction Letter of Explanation Gift Disclosure Form Familial Relationship Disclosure Provision Familial Relationship Disclosure Form
VIII	**Labor Standards & Prevailing Wage Requirements** Contractor's Certification Concerning Labor Standards & Prevailing Wage Requirements Form Subcontractor's Certification Concerning Labor Standards & Prevailing Wage Requirements Form
IX	**Execution Pages** Sole Proprietor Signature Page Partnership and/or Joint Venture Signature Page Corporation Signature Page Cook County Signature Page

INSTRUCTIONS FOR COMPLETION OF ECONOMIC DISCLOSURE STATEMENT AND EXECUTION DOCUMENT

This Economic Disclosure Statement and Execution Document ("EDS") is to be completed and executed by every Bidder on a County contract, every party responding to a Request for Proposals or Request for Qualifications "(Proposer"), and others as required by the Cook County Chief Procurement Officer. If the Undersigned is awarded a contract pursuant to the procurement process for which this EDS was submitted (the "Contract"), this Economic Disclosure Statement and Execution Document shall stand as the Undersigned's execution of the Contract.

Definitions. Capitalized terms used in this EDS and not otherwise defined herein shall have the meanings given to such terms in the Instructions to Bidders, General Conditions, Request for Proposals, and Request for Qualifications, or other documents, as applicable.

"Affiliated Entity" means a person or entity that, directly or indirectly: controls the Bidder, is controlled by the Bidder, or is, with the Bidder, under common control of another person or entity. Indicia of control include, without limitation, interlocking management or ownership; identity of interests among family members; shared facilities and equipment; common use of employees; and organization of a business entity following the ineligibility of a business entity to do business with the County under the standards set forth in the Certifications included in this EDS, using substantially the same management, ownership or principals as the ineligible entity.

"Bidder," "Proposer," "Undersigned," or ***"Applicant,"*** is the person or entity executing this EDS. Upon award and execution of a Contract by the County, the Bidder, Proposer, Undersigned or Applicant, as the case may be, shall become the Contractor or Contracting Party.

"Proposal," for purposes of this EDS, is the Undersigned's complete response to an RFP/RFQ, or if no RFQ/RFP was issued by the County, the "Proposal" is such other bid, quote or offer submitted by the Undersigned, and in any event a "Bid" includes this EDS.

"Code" means the Code of Ordinances, Cook County, Illinois available through the Cook County Clerk's Office website (http://www.cookctyclerk.com/sub/ordinances.asp). This page can also be accessed by going to www.cookctyclerk.com, clicking on the tab labeled "County Board Proceedings," and then clicking on the link to "Cook County Ordinances."

"Contractor" or ***"Contracting Party"*** means the Bidder, Proposer or Applicant with whom the County has entered into a Contract.

"EDS" means this complete Economic Disclosure Statement and Execution Document, including all sections listed in the Index and any attachments.

"Lobby" or "lobbying" means to, for compensation, attempt to influence a County official or county employee with respect to any County matter.

"Lobbyist" means any person or entity who lobbies.

"Prohibited Acts" means any of the actions or occurrences which form the basis for disqualification under the Code, or under the Certifications hereinafter set forth.

Sections 1 through 3: MBE/WBE Documentation.- (1 original set of documents) Sections 1 and 2 must be completed in order to satisfy the requirements of the County's Minority- and Women-Owned Business Enterprise Program established in Division 8 of the Cook County's Ordinance under the Procurement Code, as set forth in the Contract Documents, if applicable. If the Undersigned believes a waiver is appropriate and necessary, Section 3, the Petition for Waiver of **MBE/WBE** Participation must be completed.

Section 4: Certifications. - (1 original set of documents. If originals cannot be provided, a copy is acceptable) Section 4 sets forth certifications that are required for contracting parties under the Code. Execution of this EDS constitutes a warranty that all the statements and certifications contained, and all the facts stated, in the Certifications are true, correct and complete as of the date of execution.

Note: Cook County only accepts current certifications from Cook County and the City of Chicago.

Section 5: Economic and Other Disclosures Statement. - (1 original set of documents) Section 5 is the County's required Economic and Other Disclosures Statement form. Execution of this EDS constitutes a warranty that all the information provided in the EDS is true, correct and complete as of the date of execution, and binds the Undersigned to the warranties, representations, agreements and acknowledgements contained therein.

Sections 6: Execution Forms. Refer to section "Definition of Terms/Information for Bidders" for instructions of number of originals and number of copies needed when submitting a bid document.

Required Updates. The information provided in this EDS will be kept current. In the event of any change in any information provided, including but not limited to any change which would render inaccurate or incomplete any certification or statement made in this EDS, the Undersigned will supplement this EDS up to the time the County takes action, by filing an amended EDS or such other documentation as is requested.

Additional Information. The County's Governmental Ethics and Campaign Financing Ordinances, impose certain duties and obligations on persons or entities seeking County contracts, work, business, or transactions. For further information please contact the Director of Ethics at (312) 603-4304 (69 W. Washington St. Suite 3040, Chicago, IL 60602) or visit our web-site at www.cookcountygov.com and go to the Ethics Department link. The Bidder must comply fully with the applicable ordinances.

Insert

IDOT Certificate of Eligibility

Illinois Department of Transportation

Certificate of Eligibility

Contractor No 1560

R. W. Dunteman Company
P.O. Box 1129 Addison, IL 60101-1129

WHO HAS FILED WITH THE DEPARTMENT AN APPLICATION FOR PREQUALIFICATION STATEMENT OF EXPERIENCE, EQUIPMENT AND FINANCIAL CONDITION IS HEREBY QUALIFIED TO BID AT ANY OF DEPARTMENT OF TRANSPORTATION LETTINGS IN THE CLASSES OF WORK AND WITHIN THE AMOUNT AND OTHER LIMITATIONS OF EACH CLASSIFICATION, AS LISTED BELOW, FOR SUCH PERIOD AS THE UNCOMPLETED WORK FROM ALL SOURCES DOES NOT EXCEED $121,725,000.00

001	EARTHWORK	$13,950,000
003	HMA PLANT MIX	$38,050,000
012	DRAINAGE	$1,075,000
017	CONCRETE CONSTRUCTION	$7,450,000
032	COLD MILL,PLAN. & ROTOMILL	$4,375,000
08A	AGGREGATE BASES & SURF. (A)	$5,875,000
15A	COVER & SEAL COATS (A)	$250,000

THIS CERTIFICATE OF ELIGIBILITY IS VALID FROM 4/14/2014 TO 4/30/2015 INCLUSIVE, AND SUPERSEDES ANY CERTIFICATE PREVIOUSLY ISSUED, BUT IS SUBJECT TO REVISION OR REVOCATION, IF AND WHEN CHANGES IN THE FINANCIAL CONDITION OF THE CONTRACTING FIRM OR OTHER FACTS JUSTIFY SUCH REVISIONS OR REVOCATION.
ISSUED AT SPRINGFIELD, ILLINOIS ON 4/14/2014.

Tim Kell
Interim Engineer of Construction

IL 494-0645

Insert

IDOT Affidavit of Availability

Illinois Department of Transportation
Bureau of Construction
2300 South Dirksen Parkway/Room 322
Springfield, Illinois 62764

Affidavit of Availability

For the Letting of 12/19/2014
(Letting date)

Instructions: Complete this form by either typing or using black ink. "Authorization to Bid" will not be issued unless both sides of this form are completed in detail. Use additional forms as needed to list all work.

ırt I. Work Under Contract

List below all work you have under contract as either a prime contractor or a subcontractor. It is required to include all pending low bids not yet awarded or rejected. In a joint venture, list only that portion of e work which is the responsibility of your company. The uncompleted dollar value is to be based upon the most recent engineer's or owners estimate, and must include work subcontracted to others. If no work contracted, show **NONE.**

	1301	1316				
ontract Number	72961	I-13-4134				
ontract With	IDOT	ISTHA				
stimated Completion Date	9/15	12/14				
otal Contract Price	27,568,068.00	43,880,612.00				Accumulated Totals
ncompleted Dollar Value if Firm is the Prime ontractor	16,129,681.00	2,090,000.00				18,219,681.00
ncompleted Dollar Value if Firm is the ubcontractor						0.00
					Total Value of All Work	18,219,681.00

art II. Awards Pending and Uncompleted Work to be done with your own forces.

List below the uncompleted dollar value of work for each contract and awards pending to be completed with your own forces. All work subcontracted to others will be listed on the everse of this form. In a joint venture, list only that portion of the work to be done by your company. If no work is contracted, show NONE.

						Accumulated Totals
arthwork		300,000.00				300,000.00
ortland Cement Concrete Paving						0.00
MA Plant Mix						0.00
MA Paving	9,500,000.00					9,500,000.00
lean & Seal Cracks/Joints						0.00
ggregate Bases & Surfaces	1,300,000.00					1,300,000.00
ighway,R.R. and Waterway Structures						0.00
rainage		100,000.00				100,000.00
lectrical						0.00
over and Seal Coats	25,000.00					25,000.00
Concrete Construction						0.00
Landscaping						0.00
Fencing						0.00
Guardrail						0.00
Painting						0.00
Signing						0.00
Cold Milling, Planning & Rotomilling	70,000.00					70,000.00
Demolition						0.00
Pavement Markings (Paint)						0.00
Other Construction (List)	190,000.00					190,000.00
	Mob/Office	Mob/Office				0.00
						0.00
Totals	11,085,000.00	400,000.00	0.00	0.00	0.00	11,485,000.00

Disclosure of this information is **REQUIRED** to accomplish the statutory purpose as outlined in the "Illinois Procurement Code". Failure to comply will result in non-issuance of an "Authorization To Bid." This form has been approved by the State Forms Management Center.

Illinois Department of Transportation

Bureau of Construction
2300 South Dirksen Parkway/Room 322
Springfield, Illinois 62764

Affidavit of Availability
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(Letting date)

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Part I. Work Under Contract

List below all work you have under contract as either a prime contractor or a subcontractor. It is required to include all pending low bids not yet awarded or rejected. In a joint venture, list only that portion of the work which is the responsibility of your company. The uncompleted dollar value is to be based upon the most recent engineer's or owners estimate, and must include work subcontracted to others. If no work is contracted, show **NONE.**

	1406	1409	1410			
Contract Number	N/A		60W13			
Contract With	UPRR	Franklin Park	IDOT			
Estimated Completion Date	9/15	10/15	6/15			
Total Contract Price	9,839,345.00	5,581,464.00	2,538,771.00			Accumulated Totals
Uncompleted Dollar Value if Firm is the Prime Contractor		3,426,055.00	1,151,177.00			22,796,913.00
Uncompleted Dollar Value if Firm is the Subcontractor	9,839,345.00					9,839,345.00
					Total Value of All Work	32,636,258.00

Part II. Awards Pending and Uncompleted Work to be done with your own forces.

List below the uncompleted dollar value of work for each contract and awards pending to be completed with your own forces. All work Subcontracted to others will be listed on the reverse of this form. In a joint venture, list only that portion of the work to be done by your company. If no work is contracted, show NONE.

						Accumulated Totals
Earthwork	1,018,514.00	750,000.00	50,000.00			2,118,514.00
Portland Cement Concrete Paving		542,513.00				542,513.00
HMA Plant Mix						0.00
HMA Paving		275,000.00	10,000.00			9,785,000.00
Clean & Seal Cracks/Joints						0.00
Aggregate Bases & Surfaces	882,184.00	150,000.00	10,000.00			2,342,184.00
Highway,R.R. and Waterway Structures						0.00
Drainage	475,941.00					575,941.00
Electrical						0.00
Cover and Seal Coats						25,000.00
Concrete Construction	55,684.00		533,867.00			589,551.00
Landscaping						0.00
Fencing						0.00
Guardrail						0.00
Painting						0.00
Signing						0.00
Cold Milling, Planning & Rotomilling	454,651.00					524,651.00
Demolition						0.00
Pavement Markings (Paint)						0.00
Other Construction (List)	948,150.00	250,000.00	25,000.00			1,413,150.00
	Traffic	Mob	Mob/Office	Mob		0.00
						0.00
Totals	3,835,124.00	1,967,513.00	628,867.00	0.00	0.00	17,916,504.00

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Illinois Department of Transportation

Affidavit of Availability

For the Letting of 12/19/2014
(Letting date)

Bureau of Construction
2300 South Dirksen Parkway/Room 322
Springfield, Illinois 62764

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Part I. Work U

List below all work you have under contract as either a prime contractor or a subcontractor. It is required to include all pending low bids not yet awarded or rejected. In a joint venture, list only that portion of the work which is the responsibility of your company. The uncompleted dollar value is to be based upon the most recent engineer's or owners estimate, and must include work subcontracted to others. If no work is contracted, show **NONE.**

	1418	1422	1425	1427		
Contract Number	95741	Tier 6	60Y15	I-13-4621		
Contract With	IDOT	UPRR	IDOT	ISTHA		
Estimated Completion Date	6/15	6/15	11/14	10/15		
Total Contract Price	1,167,789.00	3,942,189.00	2,639,451.00	4,887,261.00		Accumulated Totals
Uncompleted Dollar Value if Firm is the Prime Contractor	999,619.00	2,863,645.00	560,889.00	4,887,261.00		32,108,327.00
Uncompleted Dollar Value if Firm is the Subcontractor						9,839,345.00
				Total Value of All Work		41,947,672.00

Part II. Awards Pending and Uncompleted Work to be done with your own forces.

List below the uncompleted dollar value of work for each contract and awards pending to be completed with your own forces. All work Subcontracted to others will be listed on the reverse of this form. In a joint venture, list only that portion of the work to be done by your company. If no work is contracted, show NONE.

						Accumulated Totals
Earthwork	7,549.00	580,000.00		650,449.00		3,356,512.00
Portland Cement Concrete Paving						542,513.00
HMA Plant Mix						0.00
HMA Paving	600,000.00	12,186.00	150,000.00	879,185.00		11,426,371.00
Clean & Seal Cracks/Joints						0.00
Aggregate Bases & Surfaces	50,350.00	900,000.00		261,229.00		3,553,763.00
Highway,R.R. and Waterway Structures						0.00
Drainage		31,000.00				606,941.00
Electrical						0.00
Cover and Seal Coats						25,000.00
Concrete Construction				120,850.00		710,401.00
Landscaping						0.00
Fencing						0.00
Guardrail						0.00
Painting						0.00
Signing						0.00
Cold Milling, Planning & Rotomilling	124,286.00		100,000.00			748,937.00
Demolition						0.00
Pavement Markings (Paint)						0.00
Other Construction (List)	70,000.00	100,000.00		483,914.00		2,067,064.00
		Mob	Office/Mob	Mob/Office/Allow		0.00
						0.00
Totals	852,185.00	1,623,186.00	250,000.00	2,395,627.00	0.00	23,037,502.00

Illinois Department of Transportation

Bureau of Construction
2300 South Dirksen Parkway/Room 322
Springfield, Illinois 62764

Affidavit of Availability
For the Letting of 12/19/2014
(Letting date)

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Part I. Work Under Contract

List below all work you have under contract as either a prime contractor or a subcontractor. It is required to ir hat portion of the work which is the responsibility of your company. The uncompleted dollar value is to be based upon the most recent engineer's or owners estimate, and must include work subcontracted to others. If no work is contracted, show **NONE.**

	1428					
Contract Number						
Contract With	CSX					
Estimated Completion Date	10/15					
Total Contract Price	5,094,948.00					**Accumulated Totals**
Uncompleted Dollar Value if Firm is the Prime Contractor	5,094,948.00					37,203,275.00
Uncompleted Dollar Value if Firm is the Subcontractor						9,839,345.00
					Total Value of All Work	47,042,620.00

Part II. Awards Pending and Uncompleted Work to be done with your own forces.

List below the uncompleted dollar value of work for each contract and awards pending to be completed with your own forces. All work Subcontracted to others will be listed on the reverse of this form. In a joint venture, list only that portion of the work to be done by your company. If no work is contracted, show NONE.

						Accumulated Totals
Earthwork	604,652.00					3,961,164.00
Portland Cement Concrete Paving						542,513.00
HMA Plant Mix						0.00
HMA Paving	246,405.00					11,672,776.00
Clean & Seal Cracks/Joints						0.00
Aggregate Bases & Surfaces	1,257,173.00					4,810,936.00
Highway,R.R. and Waterway Structures						0.00
Drainage	15,976.00					622,917.00
Electrical						0.00
Cover and Seal Coats						25,000.00
Concrete Construction	16,723.00					727,124.00
Landscaping						0.00
Fencing						0.00
Guardrail						0.00
Painting						0.00
Signing						0.00
Cold Milling, Planning & Rotomilling	78,866.00					827,803.00
Demolition	111,550.00					111,550.00
Pavement Markings (Paint)						0.00
Other Construction (List)	333,158.00					2,400,222.00
(field office, mobre,etc.)	Mob/Office/Test					0.00
						0.00
Totals	2,664,503.00	0.00	0.00	0.00	0.00	25,702,005.00

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Illinois Department of Transportation

Affidavit of Availability
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(Letting date)

Bureau of Construction
'art I. Work Un 2300 South Dirksen Parkway/Room 322
Springfield, Illinois 62764

Instructions: Complete this form by either typing or using black ink. "Authorization to Bid" will not be issued unless both sides of this form are completed in detail. Use additional forms as needed to list all work.

:ontract Number						
:ontract With						
:stimated Completion Date						
'otal Contract Price						Accumulated Totals
Incompleted Dollar Value if Firm is the Prime Contractor						37,203,275.00
Incompleted Dollar Value if Firm is the Subcontractor						9,839,345.00
					Total Value of All Work	47,042,620.00

'art II. Awards Pending and Uncompleted Work to be done with your own forces.

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						Accumulated Totals
:arthwork						3,961,164.00
'ortland Cement Concrete Paving						542,513.00
HMA Plant Mix						0.00
HMA Paving						11,672,776.00
:lean & Seal Cracks/Joints						0.00
Aggregate Bases & Surfaces						4,810,936.00
Highway,R.R. and Waterway Structures						0.00
Drainage						622,917.00
:lectrical						0.00
:over and Seal Coats						25,000.00
:oncrete Construction						727,124.00
.andscaping						0.00
'encing						0.00
Guardrail						0.00
'ainting						0.00
Signing						0.00
:old Milling, Planning & Rotomilling						827,803.00
Demolition						111,550.00
'avement Markings (Paint)						0.00
Other Construction (List)						2,400,222.00
						0.00
						0.00
Totals	0.00	0.00	0.00	0.00	0.00	25,702,005.00

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Illinois Department of Transportation

ction
2300 South Dirksen Parkway/Room 322
Springfield, Illinois 62764

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Part I. Work Under Contract

List below all work you have under contract as either a prime contractor or a subcontractor. It is required to include all pending low bids not yet awarded or rejected. In a joint venture, list only that portion of the work which is the responsibility of your company. The uncompleted dollar value is to be based upon the most recent engineer's or owners estimate, and must include work subcontracted to others. If no work is contracted, show **NONE.**

Contract Number						
Contract With						
Estimated Completion Date						
Total Contract Price						Accumulated Totals
Uncompleted Dollar Value if Firm is the Prime Contractor						37,203,275.00
Uncompleted Dollar Value if Firm is the Subcontractor						9,839,345.00
					Total Value of All Work	47,042,620.00

Part II. Awards Pending and Uncompleted Work to be done with your own forces.

List below the uncompleted dollar value of work for each contract and awards pending to be completed with your own forces. All work Subcontracted to others will be listed on the reverse of this form. In a joint venture, list only that portion of the work to be done by your company. If no work is contracted, show NONE.

						Accumulated Totals
Earthwork						3,961,164.00
Portland Cement Concrete Paving						542,513.00
HMA Plant Mix						0.00
HMA Paving						11,672,776.00
Clean & Seal Cracks/Joints						0.00
Aggregate Bases & Surfaces						4,810,936.00
Highway,R.R. and Waterway Structures						0.00
Drainage						622,917.00
Electrical						0.00
Cover and Seal Coats						25,000.00
Concrete Construction						727,124.00
Landscaping						0.00
Fencing						0.00
Guardrail						0.00
Painting						0.00
Signing						0.00
Cold Milling, Planning & Rotomilling						827,803.00
Demolition						111,550.00
Pavement Markings (Paint)						0.00
Other Construction (List)						2,400,222.00
						0.00
						0.00
Totals	0.00	0.00	0.00	0.00	0.00	25,702,005.00

Part III. Work Subcontracted to Others

For each contract described in Part I, list all the work you have subcontracted to others.

	1301	1301	1316	1316	
Subcontractor	Bodine	RoadSafe	HMC	RoadSafe	
Type of Work	Electrical	PVT Marking	Noise Wall	PVT Marking	
Subcontract Price	365,188.00	696,377.00	2,609,131.00	362,211.00	
Amount Uncompleted	365,188.00	650,000.00	0.00	25,000.00	
Subcontractor	Sangamo	I & I	JG Demo	TSI	
Type of Work	Bridge	Guardrail	Concrete	Traffic	
Subcontract Price	2,922,813.00	142,948.00	3,882,400.00	886,735.00	
Amount Uncompleted	0.00	142,948.00	100,000.00	30,000.00	
Subcontractor	Beyers	CSD	Aldridge	Homer	
Type of Work	Excavation	Non Spl	Electrical	Tree Removal	
Subcontract Price	4,730,212.00	685,545.00	3,500,000.00	12,382.00	
Amount Uncompleted	1,700,000.00	685,545.00	1,200,000.00	0.00	
Subcontractor	Beyers	Earth Care	Northern	Mt. Carmel	
Type of Work	Sewer	Landscape	Guardrail	Lime Stab.	
Subcontract Price	1,417,137.00	329,605.00	695,771.00	112,083.00	
Amount Uncompleted	550,000.00	300,000.00	25,000.00	0.00	
Subcontractor	Mt. Carmel	Rightway	Foss	Jack Coffey	
Type of Work	Lime Stab	Signs	Landscape	Temp. Barrier	
Subcontract Price	640,749.00	85,396.00	787,725.00	924,553.00	
Amount Uncompleted	400,000.00	50,000.00	100,000.00	10,000.00	
Subcontractor	Gardenscape		Viridian		
Type of Work	Underdrain		Sewer		
Subcontract Price	242,116.00		3,701,926.00		
Amount Uncompleted	125,000.00		0.00		
Subcontractor	WLSI		S & J		
Type of Work	Traffic		Signs		
Subcontract Price	137,800.00		1,228,113.00		
Amount Uncompleted	76,000.00		200,000.00		
Total Uncompleted		5,044,681.00		1,690,000.00	

I, being duly sworn, do hereby declare this affidavit is a true and correct statement relating to ALL uncompleted contracts of the undersigned for County, City and private work, including ALL subcontract work, ALL pending low bids not yet awarded or rejected and ALL estimated completior

Subscribed and sworn to before me

this 26th day of November, 2014.

Notary Public Jose Gonzalez

My commission expires: 9/30/2017

(Notary Seal)

OFFICIAL SEAL
Jose Gonzalez
Notary Public, State of Illinois
My Commission Expires 9-30-2017

Type or Print Name Jay Landgraf — Assistant Secretary
Officer or Director — Title

Signed

Company R.W. Dunteman Company

Address 600 S. Lombard Road
Addison, IL 60101

Part II. Work Subcontracted to Others

For each contract described in Part I, list all the work you have subcontracted to others.

	1406	1409	1409	1410	1410
Subcontractor		Steve Piper	SRS	Elmund Nelson	Work Zone
Type of Work	Asphalt	Tree Removal	PVT Marking	Electrical	Traffic Control
Subcontract Price	3,626,983.00	40,624.00	4,761.00	1,037,600.00	42,445.00
Amount Uncompleted	3,626,983.00	0.00	4,761.00	350,000.00	20,000.00
Subcontractor		Trine Construction	Landmark	McGinty	
Type of Work	PVT Marking	Sewer	Survey	Landscape	Tree Clearing
Subcontract Price	123,858.00	2,391,574.00	27,570.00	31,449.00	920.00
Amount Uncompleted	123,858.00	750,000.00	18,000.00	31,449.00	0.00
Subcontractor		Trine Construction		AK Underground	
Type of Work	Traffic Control	Landscaping	Fence	Sewer Clean	Non Spcl
Subcontract Price	470,627.00	104,364.00	26,657.00	3,621.00	141,688.00
Amount Uncompleted	470,627.00	104,364.00	26,657.00	3,621.00	0.00
Subcontractor		G&M	Home Towne	Ray Edwards	
Type of Work	Concrete	Concrete	Electrical	Sewer	Grinding
Subcontract Price	1,227,021.00	510,891.00	2,020.00	31,161.00	9,240.00
Amount Uncompleted	1,227,021.00	380,000.00	1,000.00	0.00	9,240.00
Subcontractor		Reliable Conc.		Western Remac	
Type of Work	Landscape	Crack Sealing		Signs	
Subcontract Price	359,272.00	47,023.00		68,093.00	
Amount Uncompleted	359,272.00	45,000.00		68,093.00	
Subcontractor		Inland		Marking Specialists	
Type of Work	Tree Reml	Non-Spl		PVT Mark	
Subcontract Price	141,700.00	93,760.00		32,907.00	
Amount Uncompleted	141,700.00	93,760.00		32,907.00	
Subcontractor		TC&P		Stettner	
Type of Work	Fence	Traffic Control		Survey	
Subcontract Price	54,760.00	47,056.00		12,750.00	
Amount Uncompleted	54,760.00	35,000.00		7,000.00	
Total Uncompleted	6,004,221.00		1,458,542.00		522,310.00

I, being duly sworn, do hereby declare this affidavit is a true and correct statement relating to ALL uncompleted contracts of the undersigned for I State, County, City and private work, including ALL subcontract work, ALL pending low bids not yet awarded or rejected and ALL estimated com dates

Subscribed and sworn to before me

this 26th day of November, 2014.

Notary Public Jose Gonzalez

My commission expires: 9/30/2017

(Notary Seal)

OFFICIAL SEAL
Jose Gonzalez
Notary Public, State of Illinois
My Commission Expires 9-30-2017

Type or Print Name Jay Landgraf Assistant Secretary
Officer or Director Title

Signed

Company R.W. Dunteman Company

Address 600 S. Lombard Road
Addison, IL 60101

For each contract described in Part I, list all the work you have subcontracted to others.

	1418	1422	1425	1427	1427
Subcontractor					
Type of Work	Water Proof Mem	Landscape	Electrical	Tree Remi	Electrical
Subcontract Price	15,705.00	95,094.00	54,600.00	17,210.00	595,852.00
Amount Uncompleted	15,705.00	95,094.00	54,600.00	17,210.00	595,852.00
Subcontractor					
Type of Work	Guard Rail	Jack/Bore	PVT Marking	Traffic Control	Sewer
Subcontract Price	38,717.00	334,396.00	131,289.00	181,560.00	819,812.00
Amount Uncompleted	38,717.00	334,396.00	131,289.00	181,560.00	819,812.00
Subcontractor					
Type of Work	Milling	Truck Work	Traffic Control	PVT Marking	Bridge
Subcontract Price	53,718.00	791,569.00	382,729.00	24,075.00	199,554.00
Amount Uncompleted	53,718.00	791,569.00	125,000.00	24,075.00	199,554.00
Subcontractor					
Type of Work	Landscape	Fence		Layout	Signs
Subcontract Price	3,125.00	7,400.00		20,000.00	100,000.00
Amount Uncompleted	3,125.00	7,400.00		20,000.00	100,000.00
Subcontractor					
Type of Work	Repl Crck Ctl	Layout		Guardrail	
Subcontract Price	20,919.00	16,000.00		28,405.00	
Amount Uncompleted	20,919.00	8,000.00		28,405.00	
Subcontractor					
Type of Work	PVT Marking	Traffic		Landscape	
Subcontract Price	7,750.00	4,000.00		193,929.00	
Amount Uncompleted	7,750.00	4,000.00		193,929.00	
Subcontractor					
Type of Work	Traffic Control	Tree Removal		Conc. Work	
Subcontract Price	9,904.00	200,000.00		311,232.00	
Amount Uncompleted	7,500.00	0.00		311,232.00	
Total Uncompleted	147,434.00	1,240,459.00	310,889.00		2,491,629.00

I, being duly sworn, do hereby declare this affidavit is a true and correct statement relating to ALL uncompleted contracts of the undersigned for State, County, City and private work, including ALL subcontract work, ALL pending low bids not yet awarded or rejected and ALL estimated com dates

Subscribed and sworn to before me

this 26th day of November, 2014.

Notary Public Jose Gonzalez

My commission expires: 9/30/2017

(Notary Seal)

OFFICIAL SEAL
Jose Gonzalez
Notary Public, State of Illinois
My Commission Expires 9-30-2017

Type or Print Name Jay Landgraf Vice President
Officer or Director Title

Signed

Company R.W. Dunteman Company

Address 600 S. Lombard Road
Addison, IL 60101

Part III: Work Subcontracted to Others

For each contract described in Part I, list all the work you have subcontracted to others.

	1428				
Subcontractor					
Type of Work	RR Track Construction				
Subcontract Price	1,949,745.00				
Amount Uncompleted	1,949,745.00				
Subcontractor					
Type of Work	Traffic Control				
Subcontract Price	45,336.00				
Amount Uncompleted	45,336.00				
Subcontractor					
Type of Work	Landscaping				
Subcontract Price	166,369.00				
Amount Uncompleted	166,369.00				
Subcontractor					
Type of Work	PVT Marking				
Subcontract Price	51,140.00				
Amount Uncompleted	51,140.00				
Subcontractor					
Type of Work	Layout				
Subcontract Price	61,372.00				
Amount Uncompleted	61,372.00				
Subcontractor					
Type of Work	Tree Reml				
Subcontract Price	156,483.00				
Amount Uncompleted	156,483.00				
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Total Uncompleted	2,430,445.00	0.00	0.00	0.00	

I, being duly sworn, do hereby declare this affidavit is a true and correct statement relating to ALL uncompleted contracts of the undersigned for State, County, City and private work, including ALL subcontract work, ALL pending low bids not yet awarded or rejected and ALL estimated com dates

Subscribed and sworn to before me

this 26th day of November, 2014.

Notary Public Jose Gonzalez

My commission expires: 9/30/2017

(Notary Seal)

OFFICIAL SEAL
Jose Gonzalez
Notary Public, State of Illinois
My Commission Expires 9-30-2017

Type or Print Name Jay Landgraf — **Officer or Director**

Vice President — **Title**

Signed

Company R.W. Dunteman Company

Address 600 S. Lombard Road
Addison, IL 60101

MBE/WBE UTILIZATION PLAN (SECTION 1)

BIDDER/PROPOSER HEREBY STATES that all MBE/WBE firms included in this Plan are certified MBEs/WBEs by at least one of the entities listed in the General Conditions.

I. **BIDDER/PROPOSER MBE/WBE STATUS:** (check the appropriate line)

____ Bidder/Proposer is a certified MBE or WBE firm. (If so, attach copy of appropriate Letter of Certification)

____ Bidder/Proposer is a Joint Venture and one or more Joint Venture partners are certified MBEs or WBEs. (If so, attach copies of Letter(s) of Certification, a copy of Joint Venture Agreement clearly describing the role of the MBE/WBE firm(s) and its ownership interest in the Joint Venture and a completed Joint Venture Affidavit – available from the Office of Contract Compliance)

X Bidder/Proposer is not a certified MBE or WBE firm, nor a Joint Venture with MBE/WBE partners, but will utilize MBE and WBE firms either directly or indirectly in the performance of the Contract. (If so, complete Sections II and III).

II. [X] **Direct Participation of MBE/WBE Firms** [ ] **Indirect Participation of MBE/WBE Firms**

Where goals have not been achieved through direct participation, Bidder/Proposer shall include documentation outlining efforts to achieve Direct Participation at the time of Bid/Proposal submission. Indirect Participation will only be considered after all efforts to achieve Direct Participation have been exhausted. Only after written documentation of Good Faith Efforts is received will Indirect Participation be considered.

MBEs/WBEs that will perform as subcontractors/suppliers/consultants include the following:

MBE/WBE Firm: Archer Construction Co.

Address: 563 S. Route 53 Addison, IL 60101

E-mail: dominice archeronline.us

Contact Person: Dominic Fiordirosa Phone: 630 495 0015

Dollar Amount Participation: $ 321,525.00

Percent Amount of Participation: 9.8 % %

*Letter of Intent attached? Yes X No ____
*Letter of Certification attached? Yes X No ____

MBE/WBE Firm: City Lights LTD

Address: 9993 Virginia Ave Chicago Ridge IL 60415

E-mail: cheryl@citylightsltd.com

Contact Person: Cheryl Foley Phone: 773 626 9162

Dollar Amount Participation: $ 198,800.00

Percent Amount of Participation: 6.0 % %

*Letter of Intent attached? Yes X No ____
*Letter of Certification attached? Yes X No ____

Attach additional sheets as needed.

***Additionally, all Letters of Intent, Letters of Certification and documentation of Good Faith Efforts must be current.**

MBE/WBE UTILIZATION PLAN (SECTION 1)

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MBEs/WBEs that will perform as subcontractors/suppliers/consultants include the following:

[MBE]/WBE Firm: Areatha Construction, Inc.

Address: 410 E. North Ave Streamwood, IL 60107

E-mail: areathaconstco@sbcglobal.net

Contact Person: Raj Patel Phone: 630 830 9853

Dollar Amount Participation: $ 313,326.50

Percent Amount of Participation: 9.5 % %

*Letter of Intent attached? Yes X No _____
*Letter of Certification attached? Yes X No _____

[MBE]/WBE Firm: Jalpa Construction Corp

Address: 4725 S. Knox Ave Chicago IL 60632

E-mail: jalpaconstruction@gmail.com

Contact Person: Fidel Perez Phone: 312 221 7916

Dollar Amount Participation: $ 237,833.60

Percent Amount of Participation: 7.2 % %

*Letter of Intent attached? Yes X No _____
*Letter of Certification attached? Yes X No _____

Attach additional sheets as needed.

***Additionally, all Letters of Intent, Letters of Certification and documentation of Good Faith Efforts must be current.**

MBE/WBE UTILIZATION PLAN (SECTION 1)

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MBEs/WBEs that will perform as subcontractors/suppliers/consultants include the following:

[MBE]/WBE Firm: Smith Maintenance Company

Address: 205 W. Randolph St. Suite 925 Chicago, IL 60606

E-mail: Mike e smithmaint.com

Contact Person: Mike Smith Phone: 312 425 1962

Dollar Amount Participation: $ 122,892.50

Percent Amount of Participation: 3.7% %

*Letter of Intent attached? Yes X No _____
*Letter of Certification attached? Yes X No _____

MBE/[WBE] Firm: Maintenance Coatings Co.

Address: 543 Woodbury St. South Elgin, IL 60177

E-mail: _____

Contact Person: Jeff Schuldt Phone: 847 622 0020

Dollar Amount Participation: $ 78,328.21

Percent Amount of Participation: 2.4% %

*Letter of Intent attached? Yes X No _____
*Letter of Certification attached? Yes X No _____

Attach additional sheets as needed.

***Additionally, all Letters of Intent, Letters of Certification and documentation of Good Faith Efforts must be current.**

LETTER OF INTENT (SECTION 2)

M/WBE Firm: Archon Construction Co Inc. Contract #: _____

Address: 563 S. Route 53 City/State/ Zip: Addison, Ill. 60101

Contact Person: Dominic Fiordirosa Phone: 630 495-0015 Fax: 630-620-1295

Certification Expiration Date: 12-31-14 Race/Gender: W.B.E.

Email: Dominic@archononline.com

Participation: [X] Direct [ ] Indirect

Will the M/WBE firm be subcontracting any of the performance of this contract to another firm?

[X] No [ ] Yes – Please attach explanation. Proposed Subcontractor: _____

The undersigned M/WBE is prepared to provide the following Commodities/Services for the above named Project/ Contract:

Sewer & Water Construction

Indicate the Dollar Amount, or Percentage, and the Terms of Payment for the above-described Commodities/ Services:

(If more space is needed to fully describe M/WBE Firm's proposed scope of work and/or payment schedule, attach additional sheets)

THE UNDERSIGNED PARTIES AGREE that this Letter of Intent will become a binding Subcontract Agreement conditioned upon the Bidder/Proposer's receipt of a signed contract from the County of Cook. The Undersigned Parties do also certify that they did not affix their signatures to this document until all areas under Description of Service/ Supply and Fee/Cost were completed.

[signature]	[signature]
Signature (M/WBE)	Signature (Prime Bidder/Proposer)
Don Gorizzo	Ken Blawou
Print Name	Print Name
Archon Const. Co. Inc.	
Firm Name	Firm Name
December 9, 2014	12-10-14
Date	Date

R.W. DUNTEMAN CO
600 S. LOMBARD RD
ADDISON, IL, 60101

Subscribed and sworn before me this 9th day of December 20 14 Subscribed and sworn before me this ___ day of _____ 20_____.

Notary Public Margaret M Vizdal Notary Public _____

SEAL SEAL

OFFICIAL SEAL
MARGARET M VIZDAL
NOTARY PUBLIC - STATE OF ILLINOIS
MY COMMISSION EXPIRES:06/08/15

Dec.09.2014 08:26 PM Fiordirosa 6308768815 PAGE. 4/ 10

ARCHON CONSTRUCTION CO., INC.

UTILITY CONTRACTORS
"A CERTIFIED Woman's Business Enterprise"
"An Equal Opportunity Employer"

December 9, 2014

All interested Contractors

RE; Group 1 Streets
Cook County, Illinois

Gentlemen and or Ladies,

Please review our proposal for the sewer and water improvements to the above referenced project. Please feel free to call us with any questions.

We do not include the following items:

1) Layout and or engineering
2) Restoration of any kind, including temporary materials
3) CCDD testing
4) Contaminated soil removal haul off
5) Tight sheeting nor excessive dewatering
6) Pavement saw cutting
7) Traffic Control and protection

We do include the following items:

1) Spoil Removal (Approx. 456 CY) Archon Construction offers a credit to our proposal ($ 15,600.00) If G.c. Hauls spoil and supplies no charge dumpsite to Archon Construction Co.,Inc.

Thank you,

Dominic Fiordirosa
Superintendent-Sewer and Water
.Archon Construction Co., Inc.

563 SOUTH ROUTE 53 **ADDISON, ILLINOIS 60101** **Phone/Fax: (630)495-0015**

Contractor Name: _____

Project: GROUP-1, 2015
HINTZ ROAD- ELMHURST ROAD TO MILWAUKEE AVENUE &
HINTZ ROAD AT ECKO LAKE (WEST OF WHEELING ROAD)
Section No.: 14-A5416-03-RP &
14-A5416-04-BR

SCHEDULE OF PRICES

ITEM NO.	QUAN-TITIES	UNIT	PAY ITEM	UNIT COST	TOTAL COST
30	3,375	SQ.FT.	PORTLAND CEMENT CONCRETE SIDEWALK, 5 IN	$ -	$ -
31	3,375	SQ.FT.	SIDEWALK REMOVAL		
32	240	SQ.FT.	DETECTABLE WARNINGS		
33	10	CAL.MO.	ENGINEERS FIELD OFFICE, TYPE A		
34	2	EACH	SURVEY MONUMENTS		
35	1	L.SUM	TRAFFIC PROTECTION		
36	70,000	UNIT	CONTRACT EXTRA WORK	$ 1.00	$ 70,000.00
37	1	L.SUM	CRUSHED STONE (TEMPORARY USE)		
38	2,180	FOOT	DETECTOR LOOP, TYPE I		
39	5	EACH	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION		
40	1	EACH	TEMPORARY TRAFFIC SIGNAL INSTALLATION		
41	1	EACH	TEMPORARY TRAFFIC SIGNAL TIMINGS		
42	2	EACH	REBUILD EXISTING HEAVY DUTY HANDHOLE		
43	22	EACH	FRAMES AND LIDS, TYPE 1 (CLOSED)	283 —	6226 —
44	5	EACH	FRAMES AND GRATES, TYPE 24V	322 —	1610. —
45	95	EACH	FRAMES AND LIDS TO BE ADJUSTED	615. —	58425. —
46	50	EACH	CLEANING INLETS FILTERS		
47	293	EACH	CLEANING EXISTING CATCH BASINS	198. —	58014. —
48	5	EACH	CLEANING EXISTING MANHOLES	198. —	990. —
49	1	EACH	INLETS, TYPE A, 2 FT DIA WITH FRAME AND GRATE	2879. —	2879. —
50	156	EACH	INLET FILTERS		
51	2	EACH	MANHOLES TO BE RECONSTRUCTED	2154. —	4308. —
52	6	EACH	CATCH BASINS TO BE RECONSTRUCTED	1339. —	8034. —
53	1	EACH	MANHOLES DROP, TYPE A, 4 FT DIA WITH FRAME AND GRATE	10402. —	10402. —
54	1	EACH	MANHOLES DROP, TYPE A, 5 FT DIA WITH FRAME AND GRATE	10994. —	10994. —
55	2	EACH	REMOVING CATCH BASINS	1956. —	3912. —
56	2	EACH	CATCH BASINS, TYPE C, WITH FRAME AND GRATE	2954. —	5908. —
57	2	EACH	CATCH BASINS, TYPE A2, 4 FT DIA WITH FRAME AND GRATE	4892. —	9784. —
58	24	FOOT	STORM SEWERS, TYPE 1 (RCCP CLASS IV) 12 IN	95.35	2288.40

(CONTINUED ON NEXT PAGE)

Contractor Name: _____

Project: GROUP-1, 2015
HINTZ ROAD- ELMHURST ROAD TO MILWAUKEE AVENUE &
HINTZ ROAD AT ECKO LAKE (WEST OF WHEELING ROAD)
Section No.: 14-A5416-03-RP &
14-A5416-04-BR

SCHEDULE OF PRICES

ITEM NO.	QUAN-TITIES	UNIT	PAY ITEM	UNIT COST	TOTAL COST
59	24	FOOT	STORM SEWERS, TYPE 1 (RCCP CLASS IV) 18 IN	$102.30	$ 2455.20
60	24	FOOT	STORM SEWER REMOVAL 12"	75.60	1814.40
61	24	FOOT	STORM SEWER REMOVAL 18"	71.45	1714.80
62	100	FOOT	CLEANING EXISTING STORM SEWERS, 12"	39.65	3965.—
63	1	EACH	VALVE VAULTS, TYPE A, 5 FT DIA WITH FRAME AND GRATE	6392.60	6392.60
64	2	EACH	VALVE VAULTS TO BE RECONSTRUCTED	2154.—	4308.—
65	18	EACH	WATERPROOFING SANITARY FRAMES AND GRATES TO BE ADJUSTED	932.—	16776.—
66	34	CU YD	TRENCH BACKFILL	28.90	982.60
67	20	FOOT	EXPLORATION TRENCH (52 IN DEPTH)	73.25	1465.—
68	10	SQ YD	PAVEMENT REPLACEMENT		
69	16	FOOT	STORM SEWERS, TYPE 2 (RCCP CLASS III) 48 IN	386.—	6176.—
70	16	FOOT	STORM SEWERS, TYPE 2 (RCCP CLASS III) 54 IN	413.—	6608.—
71	16	FOOT	STORM SEWER REMOVAL, 48 IN	244.—	3904.—
72	16	FOOT	STORM SEWER REMOVAL, 54 IN	244.—	3904.—
73	10	EACH	FRAMES AND LIDS, TYPE 1 (OPEN)	283.—	2830.—
74	5	EACH	INLETS TO BE RECONSTRUCTED	971.—	4855.—
75	5	EACH	MANHOLES, TYPE A, 4 FT DIA WITH FRAME AND GRATE	6662.—	33310.—
76	5	EACH	MANHOLES, TYPE A, 5 FT DIA WITH FRAME AND GRATE	7258.—	36290.—
77	20	CAL.MO.	CHANGEABLE MESSAGE SIGN		
78	17,425	SQ.FT.	ERADICATION OF EXISTING PAVEMENT MARKING		
79	1,339	SQ.FT.	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS		
80	2,119	FOOT	MODIFIED URETHANE PAVEMENT MARKING - LINE 12 IN		
81	677	FOOT	MODIFIED URETHANE PAVEMENT MARKING - LINE 24 IN		
82	58,047	FOOT	MODIFIED URETHANE PAVEMENT MARKING - LINE 4 IN		
83	5,190	FOOT	MODIFIED URETHANE PAVEMENT MARKING - LINE 6 IN		
84	2,300	FOOT	MODIFIED URETHANE PAVEMENT MARKING - LINE 8 IN		
85	6,900	FOOT	PAVEMENT MARKING TAPE, TYPE III, 4 IN		
86	490	EACH	RAISED REFLECTIVE PAVEMENT MARKER		
87	470	EACH	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL		

(CONTINUED ON NEXT PAGE)

$ 321,525.—

WBENC Women's Business Enterprise National Council

hereby grants

National Women's Business Enterprise Certification

to

ARCHON CONSTRUCTION CO INC

who has successfully met WBENC's standards as a Women's Business Enterprise (WBE).
This certification affirms the business is woman-owned, operated and controlled; and is valid through the date herein.

WBENC National WBE Certification was processed and validated by Women's Business Development Center – Chicago, a WBENC Regional Partner Organization.

Expiration Date: 12/31/2014
WBENC National Certificate Number: 232951

Authorized by Emilia DiMenco, President & CEO
Women's Business Development Center – Chicago

WOMEN'S BUSINESS DEVELOPMENT CENTER
Your growth is our business.

NAICS Codes: 237110

UNSPSC Codes: 72141126

Astra · Center for Women's Enterprise · ORV-WBC · WBEA · WBEC · WBEC South · WBEC · Women's Business Enterprise Council

DEPARTMENT OF PROCUREMENT SERVICES

CITY OF CHICAGO

September 10, 2014

Leta Loizzo
Archon Construction Co. Inc.
563 South Route 53
Addison, IL. 60101-4211

Email: leta@archononline.com

Dear Ms. Loizzo,

This letter is to inform you that the City of Chicago has extended your status as **Women Business Enterprise (WBE) until November 30, 2014.** We are providing this extension to allow enough time to provide any additional documentation that your application may be missing and for our office to complete our review of all of the submitted documents.

This extension does not guarantee eligibility in the program but will act as a courtesy extension until we receive all of the required documentation and complete a review of that documentation.

Please present this letter and copy of your last certification letter as evidence of your certification to be included with bid document submittals as needed.

If you have any questions, please feel free to contact our office at (312) 744-1929.

Sincerely,

George Coleman Jr.
Deputy Procurement Officer

GC/ll

121 NORTH LASALLE STREET, ROOM 806, CHICAGO, ILLINOIS 60602

Vendor Information

CLOSE WINDOW

HELP

Vendor Information

Business Name	Archon Construction Co., Inc.
Owner	Leta Loizzo
Address > Map This Address	563 South Route 53 Addison, IL 60101-4211
Phone	630-495-0015 Ext. 109
Fax	630-620-1296
Email	leta@archononline.com

Certification Information

Certifying Agency	City of Chicago
Certification Type	WBE - Women Business Enterprise
Certification Date	5/21/2012
Renewal/Anniversary Date	7/30/2013
Expiration Date	6/30/2014
Certified Business Description	Underground Utilities Contractor

Commodity Codes

No assigned commodity codes for this certification.

Customer Support

Print This Page

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LETTER OF INTENT (SECTION 2)

M/WBE Firm: City Lights, Ltd.

Contract #: 1428-14143

Address: 9993 Virginia Avenue

City/State/ Zip: Chicago Ridge, IL 60415

Contact Person: Jacqueline Hoffman or John Candelaria

Phone: 773-626-9162 Fax: 773-626-5415

Certification Expiration Date: 05/01/2017

Race/Gender: Hispanic/Female

Email: jackie@citylightsltd.com
john@citylightsltd.com

Participation: [X] Direct [ ] Indirect

Will the M/WBE firm be subcontracting any of the performance of this contract to another firm?

[X] No [ ] Yes – Please attach explanation. Proposed Subcontractor: _____

The undersigned M/WBE is prepared to provide the following Commodities/Services for the above named Project/ Contract:

See attached.

Indicate the Dollar Amount, or Percentage, and the Terms of Payment for the above-described Commodities/ Services:

198,800.00 - 6.0%

Payment per Section 7 of Prompt Payment Act - 15 calendar days

(If more space is needed to fully describe M/WBE Firm's proposed scope of work and/or payment schedule, attach additional sheets)

THE UNDERSIGNED PARTIES AGREE that this Letter of Intent will become a binding Subcontract Agreement conditioned upon the Bidder/Proposer's receipt of a signed contract from the County of Cook. The Undersigned Parties do also certify that they did not affix their signatures to this document until all areas under Description of Service/ Supply and Fee/Cost were completed.

X _____
Signature (*M/WBE*)

Jacqueline Hoffman/President
Print Name

City Lights, Ltd.
Firm Name

December 10, 2014
Date

Signature (*Prime Bidder/Proposer*)

Ken Blazow
Print Name

R.W. DUNTEMAN C
600 S. LOMBARD R
ADDISON, IL, 601(

Firm Name

12-10-14
Date

Subscribed and sworn before me this 10th day of Dec. 20 14

Notary Public Cheryl Foley

SEAL

OFFICIAL SEAL
CHERYL FOLEY
NOTARY PUBLIC - STATE OF ILLINOIS
MY COMMISSION EXPIRES:12/31/15

Subscribed and sworn before me this 5th day of January 20 15

Notary Public _____

SEAL

OFFICIAL SEAL
Jose Gonzalez
Notary Public, State of Illinois
My Commission Expires 9-30-2017

QUOTATION

City Lights, Ltd.
9993 Virginia Avenue
Chicago Ridge, IL 60415

www.citylightsltd.com
Certified MBE/WBE/DBE Contractor

Project: CCHD Group 1 - 2015 Hintz Road - Elmhurst to Milwaukee & Hintz at Ecko Lake
Estimate #: 14-174
Due Date: 12/10/2014
Note: Quotation Firm for 60 Days

Contacts: John Candelaria
Cheryl Foley
Phone: 773-626-9162
Fax: 773-626-5415

Pay Item	Description	Quantity	Unit	Unit Price	Total
38	DET LOOP T1	2,180.00	LIN FT	27.20	59,296.00
39	MAIN EX TR SIG INSTAL	5.00	EACH	8,565.00	42,825.00
40	TEMP T/S INSTALLATION	1.00	EACH	88,830.00	88,830.00
41	TEMP T/S TIMING	1.00	EACH	1,104.00	1,104.00
42	REBUILD EX HD HANDHOLE	2.00	EACH	3,372.50	6,745.00
				Total Bid:	**$198,800.00**

All Terms and Conditions outlined in the *Job Specific Notes and Detailed Scope of Work* below shall be incorporated into any subsequent contract agreement between the General Contractor and City Lights, Ltd.

Job Specific Notes:

1. All temporary and permanent signage, removal and installation to be completed by others
2. We must be notified prior to pavement grinding to find loop dives before they are removed. If not we will need to charge to find loops dives.
3. All restoration which falls outside the limits of construction which we damage needs to be restored by others.
4. See additional terms and condtions on attached Scope Letter.

QUOTATION

City Lights, Ltd.
9993 Virginia Avenue
Chicago Ridge, IL 60415

www.citylightsltd.com
Certified MBE/WBE/DBE Contractor

Project: CCHD Group 1 - 2015 Hintz Road - Elmhurst to Milwaukee & Hintz at Ecko Lake
Estimate #: 14-174
Due Date: 12/10/2014
Note: Quotation Firm for 60 Days

Contacts: John Candelaria
Cheryl Foley
Phone: 773-626-9162
Fax: 773-626-5415

Detailed Scope of Work:
All electrical work associated with the attached unit prices.

Our Scope of Work EXCLUDES the following:
1. All Hazardous Waste Handling, including Soil Monitoring, Removal, Testing, Transporting, Disposal, Remediation & Training
2. Traffic/Pedestrian Control and Protection including Lane Closures
3. All Bond, Permit and Inspection Fees
4. Any additional insurance requirements including, but not limited to Railroad Protective, Owner's Protective, Builder's Risk, Valuable Papers, Higher Liability Limits, or any other special insurance requirements not covered under our current policy.
5. Any required Railroad Flaggers
6. Any QC/QA requirements
7. Quotation considers working during normal working hours only.
8. The general contractor will provide layout, and grade for any of our items.
9. Restoration, Landscaping, & Clean Up
10. Any required sidewalk, asphalt, barrier wall, alley, brick paver, or concrete removal, replacement or patching.
11. Protection of existing electrical items that are to remain in place during construction, and protection of electrical materials installed during construction until the owner's Final Acceptance.
12. City Lights, Ltd. will not accept any charges for liquidated damages, unless delays are caused by our failure to complete work as agreed.
13. Any required saw cutting with the exception of required saw cutting for loop detector installation.
14. All Spoil Removal including soil, concrete, asphalt, or any other type of spoil generated by our work.
15. Electrical Service hookup for General Contractor's job trailer. If this work is required, City Lights will perform work on a time and material basis.
16. Any Applicable Sales Tax

Payment Terms:
1. Net 10 Days after receipt of payment from Owner for each Pay Estimate.
2. Retention to be equal to amount withheld by Owner.
3. Retention to be released and paid within Sixty (60) days after final acceptance of our work.

Special Notes:
1. General Contractor must provide, at no additional charge, adequate space for City Lights, Ltd., in a staging area that is in close proximity to the project site for material storage, equipment, and a field trailer.
2. As-Builds provided by City Lights, Ltd. will be a marked up set of drawings. AutoCad, Mylars and/or any Electronic As-Builds are excluded.
3. Please be advised that this proposal will remain valid for sixty (60) days, and shall remain confidential between the parties involved.
4. All terms and conditions outlined above shall be incorporated into any subsequent subcontract agreement entered into between City Lights, Ltd. and General Contractor.

After Hour Contact Numbers:
John Candelaria – 773-617-0151
Ed Mills – 773-617-5324
Cheryl Foley – 773-617-0527

DEPARTMENT OF PROCUREMENT SERVICES

CITY OF CHICAGO

MAR 0 4 2014

Jacqueline Hoffman
City Lights, Ltd.
9993 Virginia Avenue
Chicago Ridge, IL 60415

Dear Ms. Hoffman:

We are pleased to inform you that **City Lights, Ltd.** has been re-certified as a **Minority Business Enterprise ("MBE")** and **Woman Business Enterprise ("WBE")** by the City of Chicago ("City"). This **MBE/WBE** certification is valid until **05/01/2017**; however your firm's certification must be re-validated annually. In the past the City has provided you with an annual letter confirming your certification; such letters will no longer be issued. As a consequence, we require you to be even more diligent in filing your **annual No-Change Affidavit 60 days** before your annual anniversary date.

It is now your responsibility to check the City's certification directory and verify your certification status. As a condition of continued certification during the five-year period stated above, you must file an annual No-Change Affidavit. Your firm's **annual No-Change Affidavit** is due by **05/01/2015 and 05/01/2016.** Please remember, you have an affirmative duty to file your **No-Change Affidavit 60 days** prior to the date of expiration. Failure to file your annual No-Change Affidavit may result in the suspension or rescission of your certification.

Your firm's five year certification will expire on **07/01/2017**. You have an affirmative duty to file for recertification **60 days** prior to the date of the five year anniversary date. Therefore, you must file for recertification by **05/01/2017.**

It is important to note that you also have an ongoing affirmative duty to notify the City of any changes in ownership or control of your firm, or any other fact affecting your firm's eligibility for certification **within 10 days** of such change. These changes may include but are not limited to a change of address, change of business structure, change in ownership or ownership structure, change of business operations, gross receipts and or personal net worth that exceed the program threshold. Failure to provide the City with timely notice of such changes may result in the suspension or rescission of your certification. In addition, you may be liable for civil penalties under Chapter 1-22, "False Claims", of the Municipal Code of Chicago.

Please note – you shall be deemed to have had your certification lapse and will be ineligible to participate as a **MBE/WBE** if you fail to:

K.
D.W.

- File your annual No-Change Affidavit within the required time period;
- Provide financial or other records requested pursuant to an audit within the required time period;
- Notify the City of any changes affecting your firm's certification **within 10 days** of such change; or
- File your recertification within the required time period.

Please be reminded of your contractual obligation to cooperate with the City with respect to any reviews, audits or investigation of its contracts and affirmative action programs. We strongly encourage you to assist us in maintaining the integrity of our programs by reporting instances or suspicions of fraud or abuse to the City's Inspector General at chicagoinspectorgeneral.org, or 866-IG-TIPLINE (866-448-4754).

Be advised that if you or your firm is found to be involved in certification, bidding and/or contractual fraud or abuse, the City will pursue decertification and debarment. In addition to any other penalty imposed by law, any person who knowingly obtains, or knowingly assists another in obtaining, a contract with the City by falsely representing the individual or entity, or the individual or entity assisted, is a minority-owned business or a woman-owned business, is guilty of a misdemeanor, punishable by incarceration in the county jail for a period not to exceed six months or a fine of not less than $5,000 and not more than $10,000 or both.

Your firm's name will be listed in the City's Directory of Minority and Women-Owned Business Enterprises in the specialty area(s) of:

NAICS Code(s):
237310 - Highway, Street, and Bridge Construction
238210 - Electrical Contractors

Your firm's participation on City contracts will be credited only toward **Minority Business Enterprise** and **Woman Business Enterprise** goals in your area(s) specialty. While your participation on City contracts is not limited to your area of specialty, credit toward goals will be given only for work that is self-performed and providing a commercially useful function that is done in the approved specialty category.

Thank you for your interest in the City's Minority and Women-Owned Business Enterprise (MBE/WBE) Program.

Sincerely,

Jamie L. Rhee
Chief Procurement Officer

JLR/sl

DEPARTMENT OF PROCUREMENT SERVICES

CITY OF CHICAGO

November 20, 2014

Jacqueline Hoffman
City Lights
9993 Virginia Avenue
Chicago Ridge, IL 60415

Email: cheryl@citylightsltd.com

Dear Jacqueline Hoffman:

This letter is to inform you that the City of Chicago has extended your status as **Disadvantage Business Enterprise (DBE) until February 28, 2015.** We are providing this extension to allow enough time to provide any additional documentation that your application may be missing and for our office to complete our review of all of the submitted documents.

This extension does not guarantee eligibility in the program but will act as a courtesy extension until we receive all of the required documentation and complete a review of that documentation.

Please present this letter and copy of your last certification letter as evidence of your certification to be included with bid document submittals as needed.

If you have any questions, please feel free to contact our office at (312) 744-1929.

Sincerely,

George Coleman Jr.
Deputy Procurement Officer

GC/ll

LETTER OF INTENT (SECTION 2)

MWBE Firm Areatha Construction Co, Inc. Contract # 1428 - 14143

Address 410 E. North Avenue City/State/Zip Streamwood, IL 60107

Contact Person Sam Baley Phone 630-830-9857 Fax 630-830-9856

Certification Expiration Date Race/Gender African American

Email areatha constco@sbcglobal.net

Participation [X] Direct [ ] Indirect

Will the M/WBE firm be subcontracting any of the performance of this contract to another firm?

[X] No [ ] Yes - Please attach explanation Proposed Subcontractor

The undersigned M/WBE is prepared to provide the following Commodities/Services for the above named Project/ Contract

Bridge Repairs

Indicate the Dollar Amount or Percentage and the Terms of Payment for the above described Commodities/ Services

313,326.50 - 9.5%

Payment per Section 7 of Prompt Payment Act. 15 calendar days

(If more space is needed to fully describe M/WBE Firm's proposed scope of work and/or payment schedule, attach additional sheets)

THE UNDERSIGNED PARTIES AGREE that this Letter of Intent will become a binding Subcontract Agreement conditioned upon the Bidder/Proposer's receipt of a signed contract from the County of Cook. The Undersigned Parties do also certify that they did not affix their signatures to this document until all areas under Description of Service/ Supply and Fee/Cost were completed

Signature (M/WBE) Sam Baley

Print Name Sam Baley

Firm Name Areatha construction Co, Inc.

Date 12 - 09 - 2014

Signature (Prime Bidder/Proposer) K. Bl

Print Name Ken Blanuw

Firm Name R.W. DUNTEMAN CO
600 S. LOMBARD RD
ADDISON, IL, 60101

Date 12-10-14

Subscribed and sworn before me this 9th day of December 20 14

Notary Public Annette Werner

SEAL

OFFICIAL SEAL
ANNETTE WERNER
NOTARY PUBLIC - STATE OF ILLINOIS
MY COMMISSION EXPIRES 06/06/17

Subscribed and sworn before me this 5th day of January 20 15

Notary Public

SEAL

OFFICIAL SEAL
Jose Gonzalez
Notary Public, State of Illinois
My Commission Expires 9-30-2017

DEPARTMENT OF PROCUREMENT SERVICES

CITY OF CHICAGO

October 29, 2014

Sam Batey
Areatha Construction Co., Inc.
410 E. North Avenue
Streamwood, IL 60107

Email: areathaconstco@sbcglobal.net

Dear Sam Batey:

This letter is to inform you that the City of Chicago has extended your status as **Minority Business Enterprise (MBE) until January 31, 2015.** We are providing this extension to allow enough time to provide any additional documentation that your application may be missing and for our office to complete our review of all of the submitted documents.

This extension does not guarantee eligibility in the program but will act as a courtesy extension until we receive all of the required documentation and complete a review of that documentation.

Please present this letter and copy of your last certification letter as evidence of your certification to be included with bid document submittals as needed.

If you have any questions, please feel free to contact our office at (312) 744-1929.

Sincerely,

George Coleman Jr.
Deputy Procurement Officer

GC/ll

Contractor Name: Areatha Construction Co., Inc.

Project: GROUP-1, 2015

HINTZ ROAD- ELMHURST ROAD TO MILWAUKEE AVENUE &

SCHEDULE OF PRICES

Section No.: 14-A5416-03-RP &

ITEM NO.	QUAN-TITIES	UNIT	PAY ITEM	UNIT COST	TOTAL COST
61	24	FOOT	STORM SEWER REMOVAL 18"	$ -	$ -
62	100	FOOT	CLEANING EXISTING STORM SEWERS, 12"	$ -	$ -
63	1	EACH	VALVE VAULTS, TYPE A, 5 FT DIA WITH FRAME AND GRATE	$ -	$ -
64	2	EACH	VALVE VAULTS TO BE RECONSTRUCTED	$ -	$ -
65	18	EACH	WATERPROOFING SANITARY FRAMES AND GRATES TO BE ADJUSTED	$ -	$ -
66	34	CU YD	TRENCH BACKFILL	$ -	$ -
67	20	FOOT	EXPLORATION TRENCH (52 IN DEPTH)	$ -	$ -
68	10	SQ YD	PAVEMENT REPLACEMENT	$ -	$ -
69	16	FOOT	STORM SEWERS, TYPE 2 (RCCP CLASS III) 48 IN	$ -	$ -
70	16	FOOT	STORM SEWERS, TYPE 2 (RCCP CLASS III) 54 IN	$ -	$ -
71	16	FOOT	STORM SEWER REMOVAL, 48 IN	$ -	$ -
72	16	FOOT	STORM SEWER REMOVAL, 54 IN	$ -	$ -
73	10	EACH	FRAMES AND LIDS, TYPE 1 (OPEN)	$ -	$ -
74	5	EACH	INLETS TO BE RECONSTRUCTED	$ -	$ -
75	5	EACH	MANHOLES, TYPE A, 4 FT DIA WITH FRAME AND GRATE	$ -	$ -
76	5	EACH	MANHOLES, TYPE A, 5 FT DIA WITH FRAME AND GRATE	$ -	$ -
77	20	CAL.MO.	CHANGEABLE MESSAGE SIGN	$ -	$ -
78	17,425	SQ.FT.	ERADICATION OF EXISTING PAVEMENT MARKING	$ -	$ -
79	1,339	SQ.FT.	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	$ -	$ -
80	2,119	FOOT	MODIFIED URETHANE PAVEMENT MARKING - LINE 12 IN	$ -	$ -
81	677	FOOT	MODIFIED URETHANE PAVEMENT MARKING - LINE 24 IN	$ -	$ -
82	58,047	FOOT	MODIFIED URETHANE PAVEMENT MARKING - LINE 4 IN	$ -	$ -
83	5,190	FOOT	MODIFIED URETHANE PAVEMENT MARKING - LINE 6 IN	$ -	$ -
84	2,300	FOOT	MODIFIED URETHANE PAVEMENT MARKING - LINE 8 IN	$ -	$ -
85	6,900	FOOT	PAVEMENT MARKING TAPE, TYPE III, 4 IN	$ -	$ -
86	490	EACH	RAISED REFLECTIVE PAVEMENT MARKER	$ -	$ -
87	470	EACH	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	$ -	$ -
88	250	SQ.YD.	BRIDGE DECK SCARIFICATION, 2 1/4 IN	$ 174.00	$ 43,500.00
89	250	SQ.YD.	BRIDGE DECK LATEX CONCRETE OVERLAY, 2 1/4 IN	$ 264.00	$ 66,000.00
90	226	SQ.YD.	BRIDGE DECK GROOVING	$ 30.00	$ 6,780.00
91	430	FOOT	SILICONE JOINT SEALER, 1 1/2 IN	$ 83.15	$ 35,754.50

Contractor Name: Areatha Construction Co., Inc.

Project: GROUP-1, 2015
HINTZ ROAD- ELMHURST ROAD TO MILWAUKEE AVENUE &
Section No.: 14-A5416-03-RP &

SCHEDULE OF PRICES

ITEM NO.	QUAN-TITIES	UNIT	PAY ITEM	UNIT COST	TOTAL COST
92	30	SQ.YD.	APPROACH SLAB REPAIR (PARTIAL DEPTH)	$ 320.00	$ 9,600.00
93	30	SQ.YD.	APPROACH SLAB REPAIR (FULL DEPTH)	$ 650.00	$ 19,500.00
94	80	SQ.YD.	DECK SLAB REPAIR (PARTIAL DEPTH)	$ 320.00	$ 25,600.00
95	144	FOOT	CLEAN AND RESEAL RELIEF JOINT	$ 68.00	$ 9,792.00
96	375	SQ.YD.	AGGREGATE BASE COURSE TYPE B , 4 IN	$ -	$ -
97	999	POUND	BITUMINOUS MATERIALS (PRIME COAT)	$ -	$ -
98	1	L.SUM	RAILROAD PROTECTIVE LIABILITY INSURANCE	$ -	$ -
99	20	TON	LEVELING BINDER (HAND METHOD), IL-9.5,N70, SPECIAL	$ -	$ -
100	1,000	FOOT	TEMPORARY PAVEMENT MARKING	$ -	$ -
101	1.10	CU.YD.	CONCRETE REMOVAL	$ 3,000.00	$ 3,300.00
102	1.10	CU.YD.	CONCRETE STRUCTURES	$ 5,000.00	$ 5,500.00
103	2,200	FOOT	EPOXY CRACK INJECTION	$ 40.00	$ 88,000.00
				TOTAL	$ ~~[illegible]~~ 313,326.50

Exclusions:
* Permits
* Bond
* Traffic Control & Protection including flaggers.
* Railroad Insurance
* Layout
* Any excavation or backfilling including CLSM.
* Premium time work.
* Work to be performed in two stages. Additional stage will be charged extra.
* Removal of existing joint material is included in our unit price.

(Raj Patel)

LETTER OF INTENT (SECTION 2)

M/WBE Firm: Jalpa Construction Corp. Contract #: _____

Address: 4725 S. Knox Ave City/State/Zip: Chicago, IL 60632

Contact Person: Fidel Perez Phone: 773 7670185 Fax: 773 767-0334

Certification Expiration Date: _____ Race/Gender: Hispanic - Male

Email: jalpaconstruction@gmail.com

Participation: [X] Direct [ ] Indirect

Will the M/WBE firm be subcontracting any of the performance of this contract to another firm?

[X] No [ ] Yes – Please attach explanation. Proposed Subcontractor: _____

The undersigned M/WBE is prepared to provide the following Commodities/Services for the above named Project/ Contract:

Concrete curb, sidewalk, Median

Indicate the Dollar Amount, or Percentage, and the Terms of Payment for the above-described Commodities/ Services:

(If more space is needed to fully describe M/WBE Firm's proposed scope of work and/or payment schedule, attach additional sheets)

THE UNDERSIGNED PARTIES AGREE that this Letter of Intent will become a binding Subcontract Agreement conditioned upon the Bidder/Proposer's receipt of a signed contract from the County of Cook. The Undersigned Parties do also certify that they did not affix their signatures to this document until all areas under Description of Service/ Supply and Fee/Cost were completed.

Fidel Perez	K.B.L.
Signature (M/WBE)	Signature (Prime Bidder/Proposer)
Fidel Perez	Ken Blaauw
Print Name	Print Name
Jalpa Construction Corp	R.W. DUNTEMAN CO
Firm Name	600 S. LOMBARD RD
12/10/2014	12-10-14
Date	Date
	ADDISON, IL, 60101

Subscribed and sworn before me this 10th day of Dec. 20 14

Notary Public Rocio Perez

SEAL

OFFICIAL SEAL
ROCIO PEREZ
NOTARY PUBLIC - STATE OF ILLINOIS
MY COMMISSION EXPIRES:04/06/15

Subscribed and sworn before me this ___ day of _____ 20___.

Notary Public: _____

SEAL

JALPA

CONSTRUCTION CORPORATION
MBE/DBE CERTIFIED
4725 S KNOX AVE CHICAGO, IL 60632
Tel 773 767-0185 ∞ Fax 773 767-0334
Email: jalpaconstruction@gmail.com

PROPOSAL
Proposal Date: 12/9/2014

PROJECT :HINTZ ROAD-ELMHURST RD TO MILWAUKEE

Contract #1428-1143

Letting/Bid Date:12/10/2014

Item	Description	Unit	Quantity	Unit Price	Total
12	C&G TYB 6.24	FOOT	6,264.00	$ 19.25	$ 120,582.00
14	C&G TYM 2.12	FOOT	978.00	$ 17.10	$ 16,723.80
15	C&G TYB 6.24(SPL)	FOOT	1,300.00	$ 23.90	$ 31,070.00
19	CONCRETE MEDIAN,TY C-4	SQ FT	3,923.00	$ 11.10	$ 43,545.30
30	PCC SIDEWALK,5"	SQ FT	3,375.00	$ 5.90	$ 19,912.50
32	DETECTABLE WARNINGS	SQ FT	240.00	$ 25.00	$ 6,000.00
				Total	$ 237,833.60

1 **Concrete QC NOT Included**
2 TRAFFIC CONTROL/BARRICADES BY OTHERS
3 Above Price is Based on our Standard Insurance Policy, Additonal Insurance Requirements will be Billed Accordingly to the GC
4 Layout by Others Prior to our Arrival
5 No Restoration of Any Kind
6 This quote is based on all work being performed under guidelines per staging notes
7 If you have any questions regarding this quote, please call ROCIO PEREZ@773-617-1669 OR FIDEL PEREZ @ 312-221-7916
8 All Sub Bases By Others, We will Fine Grade Stone Sub Base (Placed By Others) +/- 1" Roller Supplied by GC to Seal Sub Base
9 Winter Protection NOT Included
10 Overtime / Weekend / Night Time work NOT Included
11 Structure Adjustment to be Performed by Others Prior to our Arrival
12 Embedded Items (Base Plates / Anchors / ETC) Provided by Others

DEPARTMENT OF PROCUREMENT SERVICES

CITY OF CHICAGO

December 3, 2014,

Fidel Perez
Jalpa Construction Corporation,
DBA Jalpa Construction Corporation
4725 South Knox Avenue
Chicago, IL 60632

Email: jalpaconstruction@gmail.com

Dear Fidel Perez,

This letter is to inform you that the City of Chicago has extended your status as **Minority Business Enterprise (MBE) until December 31, 2015.** We are providing this extension to allow enough time to provide any additional documentation that your application may be missing and for our office to complete our review of all of the submitted documents.

This extension does not guarantee eligibility in the program but will act as a courtesy extension until we receive all of the required documentation and complete a review of that documentation.

Please present this letter and copy of your last certification letter as evidence of your certification to be included with bid document submittals as needed.

If you have any questions, please feel free to contact our office at (312) 744-1929.

Sincerely,

George Coleman Jr.
Deputy Procurement Officer

GC/ll

DEPARTMENT OF PROCUREMENT SERVICES

DEC 27 2012

CITY OF CHICAGO

Fidel Perez
Jalpa Construction Corporation
4725 South Knox Avenue
Chicago, Illinois 60632

Annual Certificate Expires: November 15, 2013

Dear Mr. Perez:

We are pleased to inform you that Jalpa Construction Corporation has been re-certified as a Minority Enterprise (MBE) by the City of Chicago. This MBE certification is valid until November 15, 2017; however your firms' certification must be re-validated annually.

As a condition of continued certification during this five year period, you must file an annual No-Change Affidavit. Your firm's **No Change Affidavit is due by November 15, 2013.** Please remember, you have an affirmative duty to file your No-Change Affidavit 60 days prior to the date of expiration. Therefore, you must file your **No-Change Affidavit by September 15, 2013.**

It is important to note that you also have an ongoing affirmative duty to notify the City of Chicago of any changes in ownership or control of your firm, or any other fact affecting your firm's eligibility for certification within **10 days** of such change. These changes may include but are not limited to a change of address, change of business structure, change in ownership or ownership structure, change of business operations, and/or gross receipts that exceed the program threshold.

Please note – you shall be deemed to have had your certification lapse and will be ineligible to participate as a Minority Business Enterprise if you fail to:

- file your No Change Affidavit within the required time period;
- provide financial or other records requested pursuant to an audit within the required time period; or
- notify the City of any changes affecting your firm's certification within 10 days of such change.

DEC 27 2012

Further, if you or your firm is found to be involved in certification, bidding and/or contractual fraud or abuse, the City will pursue decertification and debarment. And in addition to any other penalty imposed by law, any person who knowingly obtains, or knowingly assists another in obtaining, a contract with the city by falsely representing that the individual or entity, or the individual or entity assisted, is a minority-owned business or a woman-owned business, is guilty of a misdemeanor, punishable by incarceration in the county jail for a period not to exceed six months or a fine of not less than $5,000.00 and not more than $10,000, or both.

Your firm's name will be listed in the City's Directory of Minority Enterprises in the specialty area(s) of:

NAICS Code - 237310	**Causeway construction**
NAICS Code - 237310	**Culverts, highway, road and street, construction**
NAICS Code - 238110	**Concrete finishing**
NAICS Code - 238110	**Concrete pouring**
NAICS Code - 238110	**Footing and foundation concrete contractors**
NAICS Code - 238110	**Poured concrete foundation and structure contractors**
NAICS Code - 238120	**Placing and tying reinforcing rod at a construction site**
NAICS Code - 238120	**Precast concrete panel, slab or form installation**
NAICS Code - 238120	**Reinforcing steel contractors**
NAICS Code - 238990	**Driveway paving or sealing**
NAICS Code - 238990	**Paver, brick (e.g., driveway, patio, sidewalk), installation**
NAICS Code - 238990	**Paving, residential and commercial driveway and parking lot**
NAICS Code - 561730	**Landscaping services (except planning)**

Your firm's participation on City contracts will be credited only toward Minority Business Enterprise (MBE) goals in your area(s) of specialty. While your participation on City contracts is not limited to your specialty, credit toward goals will be given only for work done in the specialty category.

Thank you for your continued interest in the City's Minority and Women-Owned Business Enterprise (MBE/WBE) Program.

Sincerely,

Jamie L. Rhee
Chief Procurement Officer

JLR/vlw

LETTER OF INTENT (SECTION 2)

M/WBE Firm: Smith Maintenance Company
Contract #: 1428-14143
Address: 205 W Randolph Street, Ste 925
City/State/ Zip: Chicago
Contact Person: Michael Smith
Phone: 312.425.1962 Fax: 312.425.1950
Certification Expiration Date: 02/15/2015
Race/Gender: Black / Male
Email: mike@smithmaint.com

Participation: [✓] Direct [ ] Indirect

Will the M/WBE firm be subcontracting any of the performance of this contract to another firm?

[✓] No [ ] Yes – Please attach explanation. Proposed Subcontractor: _____

The undersigned M/WBE is prepared to provide the following Commodities/Services for the above named Project/ Contract:

Traffic control, Temp Tape, Tape T3

Indicate the **Dollar Amount**, or **Percentage**, and the **Terms of Payment** for the above-described Commodities/ Services:

122,892.50 - 3.7%

Payment per Section 7 of Prompt Payment Act - 15 calender days

(If more space is needed to fully describe M/WBE Firm's proposed scope of work and/or payment schedule, attach additional sheets)

THE UNDERSIGNED PARTIES AGREE that this Letter of Intent will become a binding Subcontract Agreement conditioned upon the Bidder/Proposer's receipt of a signed contract from the County of Cook. The Undersigned Parties do also certify that they did not affix their signatures to this document until all areas under Description of Service/ Supply and Fee/Cost were completed.

Signature (*M/WBE*)	Signature (*Prime Bidder/Proposer*)
Michael Smith	Ken Blaauw
Print Name	Print Name
Smith Maintenance Company	R.W. DUNTEMAN CO 600 S. LOMBARD RD ADDISON, IL, 60101
Firm Name	Firm Name
01/05/2015	1-5-15
Date	Date

Subscribed and sworn before me this 5th day of Jan 20 15
Notary Public Maria Diaz
SEAL
NOTARY PUBLIC OFFICIAL SEAL STATE OF ILLINOIS
MARIA DIAZ
MY COMMISSION EXPIRES JANUARY 25, 2016

Subscribed and sworn before me this 5th day of JANUARY 2015
Notary Public
SEAL
OFFICIAL SEAL
Jose Gonzalez
Notary Public, State of Illinois
My Commission Expires 9-30-2017

DEPARTMENT OF PROCUREMENT SERVICES

CITY OF CHICAGO

November 12, 2014

Mr. Michael Smith
Smith Maintenance Company
205 W. Randolph Street, Suite 1645
Chicago, IL 60606

Dear Mr. Smith:

This letter is to inform you that the City of Chicago has extended your status as a **Minority Business Enterprise (MBE)** until **February 15, 2015**. We are providing this extension to allow enough time to provide any additional documentation that your application may be missing and/or for our office to complete our review of all of the submitted documents.

This extension does not guarantee eligibility in the program but will act as a courtesy extension until we receive all of the required documentation and complete a review of that documentation.

Please present this letter as evidence of your certification to be included with bid document submittals as needed.

If you have any questions, please feel free to call our office at 312-744-4900.

Sincerely,

George Coleman
Deputy Procurement Officer

GC/cm

Smith Maintenance Company
205 W. Randolph Street, Suite 925
Chicago, Illinois 60606

P.O.C. John Rosa
Mobile: (630) 742-6525
Email: john@smithmaint
Office: 312.425.1962
Fax: 312.425.1950

P.O.C. Michael Smith
Mobile: 847.302.5664
Email: mike@smithmaint.com
Office: 312.425.1962
Fax: 312.425.1950

Letting: 12/10/2014
Contract #: 1428-14143
County COOK
Location: HINTZ ROAD
Item #: COOK COUNTY

Quoted: *Per Stage Per Plan AS A PACKAGE*
Comp Date: 11/13/2015
Cal. Days:

Item Number		Description	U/M	Qty	Unit/Price	Extension
35	***	TRAFFIC PROTECTION	LS	1.00	70,000.00	70,000.00
77		CHNG MESSAGE SIGN	CAL MONTH	20.00	950.00	19,000.00
78		ERADICATION OF EXISTING PV MK	SQ FT	17425.00	1.50	26,137.50
85		PV MK TAPE T3 4"	LN FT	6900.00	0.95	6,555.00
100		TEMP PM MK	LN FT	1000.00	1.20	1,200.00
	***	*Price includes - (2) Lane closures / Switch (2) times only*				

TEMPORARY STRIPING INCIDENTAL TO THE CONTRACT IS NOT INCLUDED

ALL TEMPORARY STRIPING WILL BE BILLED AT $1.10

Total **122,892.50**

Price Does Not Include:

* *Flaggers or AFADS. Temp striping, Cones, Temp attenuators includes crash barrels only*
* *Temporary lane closures, Temp Fence and screening, Delineator post, Sign coring*
* *Responsibility for removing, relocating, storing, covering or replacing existing signage*
* *Temporary access drives, Temp signals, aggregate work, R X R insurance*
* *Removal or obliteration of conflicting pavt markings using water blasting.*

Barrier Wall, Attenuator or bases, Surveillance, Wall reflectors, Message Centers

Insurance limits $1 Million G/L and $5 Million

*******This quote is valid for 60 days*

MBE/WBE LETTER OF INTENT - FORM 2

M/WBE Firm: Maintenance Coatings.Co.

Certifying Agency: City of Chicago

Contact Person: Julie Wrightsman

Certification Expiration Date: 8/21/19

Address: 543 Woodbury Street

Ethnicity: Caucasion

City/State: South Elgin Zip: 60177

Bid/Proposal/Contract #: 1428-14143

Phone: (847)622-0020 Fax: (847)622-1087

FEIN #: 36-2379228

Email: julie@maintenancecoatings.com

Participation: [X] Direct [ ] Indirect

Will the M/WBE firm be subcontracting any of the goods or services of this contract to another firm?

[X] No [ ] Yes – Please attach explanation Proposed Subcontractor(s):

The undersigned M/WBE is prepared to provide the following Commodities/Services for the above named Project/ Contract: *(If more space is needed to fully describe M/WBE Firm's proposed scope of work and/or payment schedule, attach additional sheets)*

Pavement Marking

Indicate the Dollar Amount, Percentage, and the Terms of Payment for the above-described Commodities/ Services:

78,328.21 - 2.9%

Payment per Section 7 of Prompt Payment Act - 15 calendar days

THE UNDERSIGNED PARTIES AGREE that this Letter of Intent will become a binding Subcontract Agreement for the above work, conditioned upon (1) the Bidder/Proposer's receipt of a signed contract from the County of Cook; (2) Undersigned Subcontractor remaining compliant with all relevant credentials, codes, ordinances and statutes required by Contractor, Cook County, and the State to participate as a MBE/WBE firm for the above work. The Undersigned Parties do also certify that they did not affix their signatures to this document until all areas under Description of Service/ Supply and Fee/Cost were completed.

Signature (*M/WBE*)	Signature (*Prime Bidder/Proposer*)
Julie Wrightsman	Ken Blawou
Print Name	Print Name
Maintenace Coatings Co	R.W. Dunteman Co. 600 S. Lombard RD
Firm Name	Firm Name Addison, IL
December 10, 2010.	12-10-14
Date	Date
Subscribed and sworn before me	Subscribed and sworn before me
this ___ day of _____, 20___.	this 5th day of January, 2015.
Notary Public	Notary Public
"OFFICIAL SEAL" Jean E Siewierski Notary Public, State of Illinois My Commission Expires 5/23/2017	SEAL
	OFFICIAL SEAL Jose Gonzalez Notary Public, State of Illinois My Commission Expires 9-30-2017 SEAL

M/WBE Utilization Plan - Form 2 Revised: 1/29/14

Quotation for Pavement Marking

Maintenance Coatings Company

543 Woodbury Street, South Elgin, IL 60177
Phone: 847-622-0020 Fax: 847-622-1087

Job Name:	HINTZ RD	IDOT Item No.:	
Quote To:	CONTRACTORS		
Agency:	COOK COUNTY	Bid Date:	12/8/14-100
Contract No.		Revision Date:	
Section No.		Contact:	Jeff Schuldt
Completion Date		After Hours Ph #	847-344-5527
Working Days			

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
X7800600	URETH PM LT-SY SPL	1,339.00	SQFT	5.00	6,695.00
X7800610	URETH PAVT MK LINE 4"	58,047.00	FOOT	0.43	24,960.21
X7800630	URETH PAVT MK LINE 6"	5,190.00	FOOT	1.00	5,190.00
X7800640	URETH PAVT MK LINE 8"	2,300.00	FOOT	1.50	3,450.00
X7800650	URETH PAVT MK LINE 12"	2,119.00	FOOT	2.00	4,238.00
X7800680	URETH PAVT MK LINE 24"	677.00	FOOT	5.00	3,385.00
78300100	PVT MRKNG RMVL (GRIND ONLY)	17,425.00	SQFT	1.00	17,425.00
78100100	RAISED RFLCTVE PVT MARKER	490.00	EACH	26.50	12,985.00
GRAND TOTAL					$78,328.21

DEPARTMENT OF PROCUREMENT SERVICES

CITY OF CHICAGO

AUG - 8 2014

Julie Ann Wrightsman
Maintenance Coating Co.
543 Woodbury Street
Chicago, IL 60177

Dear Julie Ann Wrightsman:

We are pleased to inform you that **Maintenance Coating Co.** has been certified as a **Women-Owned Business Enterprise ("WBE")** by the City of Chicago ("City"). This **WBE** certification is valid until **8/1/2019**; however your firm's certification must be revalidated annually. In the past the City has provided you with an annual letter confirming your certification; such letters will no longer be issued. As a consequence, we require you to be even more diligent in filing your **annual No-Change Affidavit 60 days** before your annual anniversary date.

It is now your responsibility to check the City's certification directory and verify your certification status. As a condition of continued certification during the five year period stated above, you must file an annual No-Change Affidavit. Your firm's **annual No-Change Affidavit** is due by **8/1/2015, 8/1/2016, 8/1/2017, and 8/1/2018.** Please remember, you have an affirmative duty to file your **No-Change Affidavit 60 days** prior to the date of expiration. Failure to file your annual No-Change Affidavit may result in the suspension or rescission of your certification.

Your firm's five year certification will expire on **8/1/2019**. You have an affirmative duty to file for recertification **60 days** prior to the date of the five year anniversary date. Therefore, you must file for recertification by **6/1/2019.**

It is important to note that you also have an ongoing affirmative duty to notify the City of any changes in ownership or control of your firm, or any other fact affecting your firm's eligibility for certification **within 10 days** of such change. These changes may include but are not limited to a change of address, change of business structure, change in ownership or ownership structure, change of business operations, gross receipts and or personal net worth that exceed the program threshold. Failure to provide the City with timely notice of such changes may result in the suspension or rescission of your certification. In addition, you may be liable for civil penalties under Chapter 1-22, "False Claims", of the Municipal Code of Chicago.

Please note – you shall be deemed to have had your certification lapse and will be ineligible to participate as a **WBE** if you fail to:

- File your annual No-Change Affidavit within the required time period;
- Provide financial or other records requested pursuant to an audit within the required time period;
- Notify the City of any changes affecting your firm's certification **within 10 days** of such change; or
- File your recertification within the required time period.

Please be reminded of your contractual obligation to cooperate with the City with respect to any reviews, audits or investigation of its contracts and affirmative action programs. We strongly encourage you to assist us in maintaining the integrity of our programs by reporting instances or suspicions of fraud or abuse to the **City's Inspector General at chicagoinspectorgeneral.org, or 866-IG-TIPLINE (866-448-4754).**

Be advised that if you or your firm is found to be involved in certification, bidding and/or contractual fraud or abuse, the City will pursue decertification and debarment. In addition to any other penalty imposed by law, any person who knowingly obtains, or knowingly assists another in obtaining a contract with the City by falsely representing the individual or entity, or the individual or entity assisted is guilty of a misdemeanor, punishable by incarceration in the county jail for a period not to exceed six months, or a fine of not less than $5,000 and not more than $10,000 or both.

Your firm's name will be listed in the City's Directory of Minority and Women-Owned Business Enterprises in the specialty area(s) of:

NAICS Code(s):
237310 - Painting lines on highways, streets and bridges
237310 - Painting traffic lanes or parking lots
237310 - Parking lot marking and line painting
237310 - Runway, airport, line painting (e.g., striping)

Your firm's participation on City contracts will be credited only toward **Women-Owned Business Enterprise** goals in your area(s) specialty. While your participation on City contracts is not limited to your area of specialty, credit toward goals will be given only for work that is self-performed and providing a commercially useful function that is done in the approved specialty category.

Thank you for your interest in the City's Minority and Women-Owned Business Enterprise (MBE/WBE) Program.

Sincerely,

Jamie L. Rhee
Chief Procurement Officer
JLR/gd

PETITION FOR WAIVER OF MBE/WBE PARTICIPATION (SECTION 3)

A. BIDDER/PROPOSER HEREBY REQUESTS:

☐ **FULL MBE WAIVER** ☐ **FULL WBE WAIVER**

☐ **REDUCTION (PARTIAL MBE and/or WBE PARTICIPATION)**

_____ % of Reduction for MBE Participation
_____ % of Reduction for WBE Participation

B. REASON FOR FULL/REDUCTION WAIVER REQUEST

Bidder/Proposer shall check each item applicable to its reason for a waiver request. Additionally, supporting documentation shall be submitted with this request. If such supporting documentation cannot be submitted with bid/proposal/quotation, such documentation shall be submitted directly to the Office of Contract Compliance no later than three (3) days from the date of submission date.

☐ (1) Lack of sufficient qualified MBEs and/or WBEs capable of providing the goods or services required by the contract. **(Please explain)**

☐ (2) The specifications and necessary requirements for performing the contract make it impossible or economically infeasible to divide the contract to enable the contractor to utilize MBEs and/or WBEs in accordance with the applicable participation. **(Please explain)**

☐ (3) Price(s) quoted by potential MBEs and/or WBEs are above competitive levels and increase cost of doing business and would make acceptance of such MBE and/or WBE bid economically impracticable, taking into consideration the percentage of total contract price represented by such MBE and/or WBE bid. **(Please explain)**

☐ (4) There are other relevant factors making it impossible or economically infeasible to utilize MBE and/or WBE firms. **(Please explain)**

C. GOOD FAITH EFFORTS TO OBTAIN MBE/WBE PARTICIPATION

☐ (1) Made timely written solicitation to identified MBEs and WBEs for utilization of goods and/or services; and provided MBEs and WBEs with a timely opportunity to review and obtain relevant specifications, terms and conditions of the proposal to enable MBEs and WBEs to prepare an informed response to solicitation. **(Please attach)**

☐ (2) Followed up initial solicitation of MBEs and WBEs to determine if firms are interested in doing business. **(Please attach)**

☐ (3) Advertised in a timely manner in one or more daily newspapers and/or trade publication for MBEs and WBEs for supply of goods and services. **(Please attach)**

☐ (4) Used the services and assistance of the Office of Contract Compliance staff. **(Please explain)**

☐ (5) Engaged MBEs & WBEs for indirect participation. **(Please explain)**

D. OTHER RELEVANT INFORMATION

Attach any other documentation relative to Good Faith Efforts in complying with MBE/WBE participation.

CONTRACTOR CURRENT CERTIFICATIONS
(SECTION 4)

The following certifications are made pursuant to state law and the code. The undersigned is cautioned to carefully read these certifications prior to signing the signature page. Signing the signature page shall constitute a warranty by the undersigned that all the statements, certifications and information set forth within these certifications are true, complete and correct as of the date the signature page is signed. The undersigned is notified that if the county learns that any of the following certifications were falsely made, that any contract entered into with the undersigned shall be subject to termination.

A. PERSONS AND ENTITIES SUBJECT TO DISQUALIFICATION

No person or business entity shall be awarded a contract or sub-contract, for a period of five (5) years from the date of conviction or entry of a plea or admission of guilt, civil or criminal, if that person or business entity:

1) Has been convicted of an act committed, within the State of Illinois, of bribery or attempting to bribe an officer or employee of a unit of state, federal or local government or school district in the State of Illinois in that officer's or employee's official capacity;

2) Has been convicted by federal, state or local government of an act of bid-rigging or attempting to rig bids as defined in the Sherman Anti-Trust Act and Clayton Act. Act. 15 U.S.C. Section 1 *et seq.;*

3) Has been convicted of bid-rigging or attempting to rig bids under the laws of federal, state or local government;

4) Has been convicted of an act committed, within the State, of price-fixing or attempting to fix prices as defined by the Sherman Anti-Trust Act and the Clayton Act. 15 U.S.C. Section 1, *et seq.;*

5) Has been convicted of price-fixing or attempting to fix prices under the laws the State;

6) Has been convicted of defrauding or attempting to defraud any unit of state or local government or school district within the State of Illinois;

7) Has made an admission of guilt of such conduct as set forth in subsections (1) through (6) above which admission is a matter of record, whether or not such person or business entity was subject to prosecution for the offense or offenses admitted to; or

8) Has entered a plea of *nolo contendere* to charge of bribery, price-fixing, bid-rigging, or fraud, as set forth in sub-paragraphs (1) through (6) above.

In the case of bribery or attempting to bribe, a business entity may not be awarded a contract if an official, agent or employee of such business entity committed the Prohibited Act on behalf of the business entity and pursuant to the direction or authorization of an officer, director or other responsible official of the business entity, and such Prohibited Act occurred within three years prior to the award of the contract. In addition, a business entity shall be disqualified if an owner, partner or shareholder controlling, directly or indirectly, 20 % or more of the business entity or an officer of the business entity has performed any Prohibited Act within five years prior to the award of the Contract.

THE UNDERSIGNED HEREBY CERTIFIES THAT: The Undersigned has read the provisions of Section A, Persons and Entities Subject to Disqualification, that the Undersigned has not committed any Prohibited Act set forth in Section A, and that award of the Contract to the Undersigned would not violate the provisions of such Section or of the Code.

B. BID-RIGGING OR BID ROTATING

THE UNDERSIGNED HEREBY CERTIFIES THAT: *In accordance with 720 ILCS 5/33 E-11, neither the Undersigned nor any Affiliated Entity is barred from award of this Contract as a result of a conviction for the violation of State laws prohibiting bid-rigging or bid rotating.*

C. DRUG FREE WORKPLACE ACT

THE UNDERSIGNED HEREBY CERTIFIES THAT: The Undersigned will provide a drug free workplace, as required by Public Act 86-1459 (30 ILCS 580/2-11).

D. DELINQUENCY IN PAYMENT OF TAXES

THE UNDERSIGNED HEREBY CERTIFIES THAT: *The Undersigned is not an owner or a party responsible for the payment of any tax or fee administered by Cook County, by a local municipality, or by the Illinois Department of Revenue, which such tax or fee is delinquent, such as bar award of a contract or subcontract pursuant to the Code, Chapter 34, Section 34-129.*

E. HUMAN RIGHTS ORDINANCE

No person who is a party to a contract with Cook County ("County") shall engage in unlawful discrimination or sexual harassment against any individual in the terms or conditions of employment, credit, public accommodations, housing, or provision of County facilities, services or programs (Code Chapter 42, Section 42-30 *et seq*).

F. ILLINOIS HUMAN RIGHTS ACT

THE UNDERSIGNED HEREBY CERTIFIES THAT: *It is in compliance with the the Illinois Human Rights Act (775 ILCS 5/2-105), and agrees to abide by the requirements of the Act as part of its contractual obligations.*

G. MACBRIDE PRINCIPLES, CODE CHAPTER 34, SECTION 34-132

If the primary contractor currently conducts business operations in Northern Ireland, or will conduct business during the projected duration of a County contract, the primary contractor shall make all reasonable and good faith efforts to conduct any such business operations in Northern Ireland in accordance with the MacBride Principles for Northern Ireland as defined in Illinois Public Act 85-1390.

H. LIVING WAGE ORDINANCE PREFERENCE (COOK COUNTY CODE, CHAPTER 34, SECTION 34-127;

The Code requires that a living wage must be paid to individuals employed by a Contractor which has a County Contract and by all subcontractors of such Contractor under a County Contract, throughout the duration of such County Contract. The amount of such living wage is determined from time to time by, and is available from, the Chief Financial Officer of the County.

For purposes of this EDS Section 4, H, "Contract" means any written agreement whereby the County is committed to or does expend funds in connection with the agreement or subcontract thereof. The term "Contract" as used in this EDS, Section 4, I, specifically excludes contracts with the following:

1) Not-For Profit Organizations (defined as a corporation having tax exempt status under Section 501(C)(3) of the United State Internal Revenue Code and recognized under the Illinois State not-for - profit law);

2) Community Development Block Grants;

3) President's Office of Employment Training;

4) Sheriff's Work Alternative Program; and

5) Department of Correction inmates.

REQUIRED DISCLOSURES
(SECTION 5)

1. DISCLOSURE OF LOBBYIST CONTACTS

List all persons or entities that have made lobbying contacts on your behalf with respect to this contract:

Name Address

None

2. LOCAL BUSINESS PREFERENCE DISCLOSURE; CODE, CHAPTER 34, SECTION 34-151(p);

"Local Business" shall mean a person authorized to transact business in this State and having a bona fide establishment for transacting business located within Cook County at which it was actually transacting business on the date when any competitive solicitation for a public contract is first advertised or announced and further which employs the majority of its regular, full time work force within Cook County, including a foreign corporation duly authorized to transact business in this State and which has a bona fide establishment for transacting business located within Cook County at which it was actually transacting business on the date when any competitive solicitation for a public contract is first advertised or announced and further which employs the majority of its regular, full time work force within Cook County.

a) Is Bidder a "Local Business" as defined above?

Yes:_____ No: X

b) If yes, list business addresses (es) within Cook County:

c) Does Bidder employ the majority of its regular full-time workforce within Cook County?

Yes:_____ No: X

3. THE CHILD SUPPORT ENFORCEMENT ORDINANCE (PREFERENCE (CODE, CHAPTER 34, SECTION 34-366)

Every Applicant for a County Privilege shall be in full compliance with any child support order before such Applicant is entitled to receive or renew a County Privilege. When delinquent child support exists, the County shall not issue or renew any County Privilege, and may revoke any County Privilege. All Applicants are required to review the Cook County Affidavit of Child Support Obligations attached to this EDS **and** complete the following, based upon the definitions and other information included in such Affidavit:

_____ Applicant has no "Substantial Owner."

OR

X The Cook County Affidavit of Child Support Obligations has been completed by all "Substantial Owners" and is attached to this EDS.

4. REAL ESTATE OWNERSHIP DISCLOSURES.

The Undersigned must indicate by checking the appropriate provision below and providing all required information that either:

a)_____The following is a complete list of all real estate owned by the Undersigned in Cook County:

PERMANENT INDEX NUMBER(S): _____

_____

_____

(ATTACH SHEET IF NECESSARY TO LIST ADDITIONAL INDEX NUMBERS)

OR:

b)_X_____The Undersigned owns no real estate in Cook County.

5. EXCEPTIONS TO CERTIFICATIONS OR DISCLOSURES.

If the Undersigned is unable to certify to any of the Certifications or any other statements contained in this EDS and not explained elsewhere in this EDS, the Undersigned must explain below:

_____

_____

If the letters, "NA", the word "None" or "No Response" appears above, or if the space is left blank, it will be conclusively presumed that the Undersigned certified to all Certifications and other statements contained in this EDS.

COOK COUNTY DISCLOSURE OF OWNERSHIP INTEREST STATEMENT
(Section 5)

The Cook County Code of Ordinances (§2-610 *et seq.*) requires that any Applicant for any County Action must disclose information concerning ownership interests in the Applicant. This Disclosure of Ownership Interest Statement must be completed with all information current as of the date this Statement is signed. Furthermore, this Statement must be kept current, by filing an amended Statement, until such time as the County Board or County Agency shall take action on the application. The information contained in this Statement will be maintained in a database and made available for public viewing.

If you are asked to list names, but there are no applicable names to list, you must state NONE. An incomplete Statement will be returned and any action regarding this contract will be delayed. A failure to fully comply with the ordinance may result in the action taken by the County Board or County Agency being voided.

"*Applicant*" means any Entity or person making an application to the County for any County Action.

"County Action" means any action by a County Agency, a County Department, or the County Board regarding an ordinance or ordinance amendment, a County Board approval, or other County agency approval, with respect to contracts, leases, or sale or purchase of real estate.

"Entity" or *"Legal Entity"* means a sole proprietorship, corporation, partnership, association, business trust, estate, two or more persons having a joint or common interest, trustee of a land trust, other commercial or legal entity or any beneficiary or beneficiaries thereof.

This Disclosure of Ownership Interest Statement must be submitted by :

1. An Applicant for County Action and
2. An individual or Legal Entity that holds stock or a beneficial interest in the Applicant and is listed on the Applicant's Statement (a "Holder") must file a Statement and complete #1 only under **Ownership Interest Declaration**.

Please print or type responses clearly and legibly. Add additional pages if needed, being careful to identify each portion of the form to which each additional page refers.

This Statement is being made by the [X] Applicant or [ ] Stock/Beneficial Interest Holder

This Statement is an: [X] Original Statement or [ ] Amended Statement

Identifying Information:

Name R. W. Dunteman Company D/B/A: _____ EIN NO.: 36-2130857

Street Address: 600 S. Lombard Road

City: Addison State: IL Zip Code: 60101

Phone No.: (630) 953-1500

Form of Legal Entity:

[ ] Sole Proprietor [ ] Partnership [X] Corporation [ ] Trustee of Land Trust

[ ] Business Trust [ ] Estate [ ] Association [ ] Joint Venture

[ ] Other (describe) _____

Ownership Interest Declaration:

1. List the name(s), address, and percent ownership of each individual and each Entity having a legal or beneficial interest (including ownership) of more than five percent (5%) in the Applicant/Holder.

Name	Address	Percentage Interest in Applicant/Holder
R. W. Dunteman Company		

2. If the interest of any individual or any Entity listed in (1) above is held as an agent or agents, or a nominee or nominees, list the name and address of the principal on whose behalf the interest is held.

Name of Agent/Nominee	Name of Principal	Principal's Address

3. Is the Applicant constructively controlled by another person or Legal Entity? [ ] Yes [X] No

If yes, state the name, address and percentage of beneficial interest of such person or legal entity, and the relationship under which such control is being or may be exercised.

Name	Address	Percentage of Beneficial Interest	Relationship

Declaration (check the applicable box):

[ ] I state under oath that the Applicant has withheld no disclosure as to ownership interest in the Applicant nor reserved any information, data or plan as to the intended use or purpose for which the Applicant seeks County Board or other County Agency action.

[X] I state under oath that the Holder has withheld no disclosure as to ownership interest nor reserved any information required to be disclosed.

Roland W. Dunteman
Name of Authorized Applicant/Holder Representative (please print or type)

President
Title

Signature

12/10/14
Date

rdunteman@rwdco.com
E-mail address

(630) 953-1500
Phone Number

Subscribed to and sworn before me
this 10th day of Dec, 2014

X
Notary Public Signature

Jose Gonzalez

My commission expires:

09-30-2017
OFFICIAL SEAL
Jose Gonzalez
Notary Public, State of Illinois
My Commission Expires 9-30-2017
Notary Seal

COOK COUNTY BOARD OF ETHICS
69 W. WASHINGTON STREET, SUITE 3040
CHICAGO, ILLINOIS 60602
312/603-4304
312/603-9988 FAX 312/603-1011 TT/TDD

FAMILIAL RELATIONSHIP DISCLOSURE PROVISION:

Section 2-582 of the Cook County Ethics Ordinance requires any person or persons doing business with Cook County, upon execution of a contract with Cook County, to disclose to the Cook County Board of Ethics the existence of familial relationships they may have with all persons holding elective office in the State of Illinois, the County of Cook, or in any municipality within the County of Cook.

The required disclosure shall be filed by January 1 of each calendar year and again with each bid/proposal/quotation to do business with Cook County. Any person filing a late disclosure statement after January 31 shall be assessed a late filing fee of $100.00 per day that the disclosure is late. Any person found guilty of violating any provision of this section or knowingly filing a false, misleading, or incomplete disclosure to the Cook County Board of Ethics shall be prohibited, for a period of three (3) years, from engaging, directly or indirectly, in any business with Cook County. *Note*: Please see Chapter 2 Administration, Article VII Ethics, Section 2-582 of the Cook County Code to view the full provisions of this section.

If you have questions concerning this disclosure requirement, please call the Cook County Board of Ethics at (312) 603-4304.
Note: A current list of contractors doing business with Cook County is available via the Cook County Board of Ethics' website at:
http://www.cookcountygov.com/taxonomy/ethics/Listings/cc_ethics_VendorList_.pdf

DEFINITIONS:

"*Calendar year*" means January 1 to December 31 of each year.

"*Doing business*" for this Ordinance provision means any one or any combination of leases, contracts, or purchases to or with Cook County or any Cook County agency in excess of $25,000 in any calendar year.

"*Familial relationship*" means a person who is related to an official or employee as spouse or any of the following, whether by blood, marriage or adoption:

- Parent
- Child
- Brother
- Sister
- Aunt
- Uncle
- Niece
- Nephew
- Grandparent
- Grandchild
- Father-in-law
- Mother-in-law
- Son-in-law
- Daughter-in-law
- Brother-in-law
- Sister-in-law
- Stepfather
- Stepmother
- Stepson
- Stepdaughter
- Stepbrother
- Stepsister
- Half-brother
- Half-sister

"*Person*" means any individual, entity, corporation, partnership, firm, association, union, trust, estate, as well as any parent or subsidiary of any of the foregoing, and whether or not operated for profit.

SWORN FAMILIAL RELATIONSHIP DISCLOSURE FORM

Pursuant to Section 2-582 of the Cook County Ethics Ordinance, any *person* doing business** with Cook County must disclose, to the Cook County Board of Ethics, the existence of *familial relationships** to any person holding elective office in the State of Illinois, Cook County, or in any municipality within Cook County. Please print your responses.

Name of Owner/Employee: Roland W. Dunteman Co. Title: President

Business Entity Name: R. W. Dunteman Company Phone: (630) 953-1500

Business Entity Address: 600 S. Lombard Road, Addison, IL 60101

_____ The following familial relationship exists between the owner or any employee of the business entity contracted to do business with Cook County ***and*** any person holding elective office in the State of Illinois, Cook County, or in any municipality within Cook County.

	Owner/Employee Name:	Related to:	Relationship:
1.			
2.			
3.			
4.			
5.			

If more space is needed, attach an additional sheet following the above format.

X There is ***no*** familial relationship that exists between the owner or any employee of the business entity contracted to do business with Cook County and any person holding elective office in the State of Illinois, Cook County, or in any municipality within Cook County.

To the best of my knowledge and belief, the information provided above is true and complete.

Owner/Employee's Signature — Date: 12/10/14

Roland W. Dunteman, President

Subscribe and sworn before me this 10th Day of December, 2014

a Notary Public in and for DuPage County

(Signature) Jose Gonzalez

NOTARY PUBLIC SEAL

OFFICIAL SEAL
Jose Gonzalez
Notary Public, State of Illinois
My Commission Expires 9-30-2017

My Commission expires 09-30-2017

Completed forms must be filed with the bid.

CONTRACTOR'S
CERTIFICATION CONCERNING LABOR STANDARDS
AND
PREVAILING WAGE REQUIREMENTS
(SECTION 6)

To Contractor:

Date: 12/10/14
Project Number:
Project Name Hintz Road

1. If awarded the contract with the County of Cook for the construction of the above identified project, the undersigned agrees that:

   (a) The Labor Standards provisions of the Contract for Construction are included in the aforesaid contract.

   (b) Correction of any infractions of the aforesaid conditions, including infractions by any of his Subcontractors and any lower tier subcontractors, is his responsibility.

2. He certifies that:

   (b) Neither he nor any firm, corporation, partnership or association in which he has a substantial interest is designated as an ineligible contractor by the Comptroller General of the United States pursuant to Section 5.6(b) of the Regulations of the Secretary of Labor, Part 5 (29CFR Part 5) or pursuant to the Section 3(a) of the Davis-Bacon Act, as amended [40 U.S.C. 276a-2(a)]

   (c) No part of the aforementioned Contract has been or will be subcontracted to any Subcontractor if such Subcontractor or any firm, corporation, partnership or association in which such Subcontractor has a substantial interest is designated as an ineligible Contractor pursuant to any of the aforementioned regulatory or statutory provisions.

3. He agrees to obtain and forward to the aforementioned recipient within ten days after the execution of any subcontract, including those executed by his Subcontractor any lower tier subcontractor, a Subcontractor's Certification Concerning Labor Standards and Prevailing Wages Requirements executed by the Subcontractors.

4. **He certifies that:**

   (a) The legal name and the business address of the undersigned are:

   (b) The undersigned is (check one):
   ____ Sole Proprietorship
   ____ Partnership
   X Corporation
   ____ Other Organization (Describe)

   (c) The name, title and address of the owner, partners or officers of the undersigned are:

NAME	TITLE	ADDRESS
Roland W. Dunteman	President	600 S. Lombard Rd. Addison, IL
William R. Rohde	Vice President	
Matthew Dunteman	Treasurer	
Jay Landgraf	Asst. Secretary	

(d) The name and address of all other persons, both natural and corporate, having a substantial interest in the undersigned, and the nature of the interest are (if none, so state):

NAME	ADDRESS	NATURE OF INTEREST
None		

(e) The names and addresses and trade classifications of all other building construction contractors in which the undersigned has a substantial interest is (if none, so state):

NAME	ADDRESS	TRADE CLASSIFICATION
None		

R. W. Dunteman Co.
CONTRACTOR

DATE 12/10/14

X
SIGNATURE
Roland W. Dunteman,
President

Archon Construction

SUBCONTRACTOR'S CERTIFICATION CONCERNING
LABOR STANDARDS AND PREVAILING WAGE REQUIREMENTS
(Section 6)

To Contractor:

Date: December 9, 2014
Project Number: 14-A5416-03-RP, 14-A5416-04-RR
Project Name: Hintz Road

1. The undersigned, if awarded a contract with R.V. Dunkman Co. (Contractor)

_____ for Sewer and Water (Nature of Work)

Construction in the amount of $ 321,525.00 in the construction of the above-identified project, certifies that:

(a) The Labor Standards provisions of the Contract for Construction are included in the aforesaid contract.

(b) Neither he nor any firm, corporation, partnership or association in which he has a substantial interest is designated as an ineligible contractor by the Comptroller General of the United States pursuant to Section 5.6(b) of the Regulations of the Secretary of Labor, Part 5 (29CFR Part 5) or pursuant to the Section 3(a) of the Davis-Bacon Act, as amended [40 U.S.C. 276a-2(a)]

(c) No part of the aforementioned Contract has been or will be subcontracted to any Subcontractor if such Subcontractor or any firm, corporation, partnership or association in which such Subcontractor has a substantial interest is designated as an ineligible Contractor pursuant to any of the aforementioned regulatory or statutory provisions.

2. He agrees to obtain and forward to the aforementioned recipient within ten days after the execution of any subcontract, including those executed by his Subcontractor any lower tier subcontractor, a Subcontractor's Certification Concerning Labor Standards and Prevailing Wages Requirements executed by the Subcontractors.

3. The workmen will report for duty on TBD (Date)

4. He certifies that:

(a) The legal name and the business address of the undersigned are:

(b) The undersigned is (check one):
- ___ Sole Proprietorship
- ___ Partnership
- X Corporation
- ___ Other Organization (Describe)

(c) The name and address of the owner, partners or officers of the undersigned are:

NAME	TITLE	ADDRESS
Leta Loizzo	President	5635 Rt 53 Addison, IL 60101

DATE 12-9-14

SUBCONTRACTOR
X [signature]
SIGNATURE

Dec.09.2014 08:26 PM Fiordirosa 6308768815 PAGE. 5/

City Lights Ltd.

SUBCONTRACTOR'S CERTIFICATION CONCERNING
LABOR STANDARDS AND PREVAILING WAGE REQUIREMENTS
(Section 6)

To Contractor:

Date: December 10, 2014
Project Number: 1428-14143
Project Name Group 1-2015 - Hintz Road

1. The undersigned, if awarded a contract with R. U. Dunteman Co. (Contractor)

for Electrical Power Construction (Nature of Work)

in the amount of $ 198,800.00 in the construction of the above-identified project, certifies that:

(a) The Labor Standards provisions of the Contract for Construction are included in the aforesaid contract.

(b) Neither he nor any firm, corporation, partnership or association in which he has a substantial interest is designated as an ineligible contractor by the Comptroller General of the United States pursuant to Section 5.6(b) of the Regulations of the Secretary of Labor, Part 5 (29CFR Part 5) or pursuant to the Section 3(a) of the Davis-Bacon Act, as amended [40 U.S.C. 276a-2(a)]

(c) No part of the aforementioned Contract has been or will be subcontracted to any Subcontractor if such Subcontractor or any firm, corporation, partnership or association in which such Subcontractor has a substantial interest is designated as an ineligible Contractor pursuant to any of the aforementioned regulatory or statutory provisions.

2. He agrees to obtain and forward to the aforementioned recipient within ten days after the execution of any subcontract, including those executed by his Subcontractor any lower tier subcontractor, a Subcontractor's Certification Concerning Labor Standards and Prevailing Wages Requirements executed by the Subcontractors.

3. The workmen will report for duty on TBD (Date)

4. He certifies that:

(a) The legal name and the business address of the undersigned are:

(b) The undersigned is (check one):
- ___ Sole Proprietorship
- ___ Partnership
- X Corporation
- ___ Other Organization (Describe)

(c) The name and address of the owner, partners or officers of the undersigned are:

NAME	TITLE	ADDRESS
Jacqueline Hoffman	President	9993 Virginia Ave., Chicago Ridge, IL 60415
John Candelaria	Secretary	9993 Virginia Ave., Chicago Ridge, IL 60415
Jacqueline Hoffman	Treasurer	9993 Virginia Ave., Chicago Ridge, IL 60415

DATE December 10, 2014

SUBCONTRACTOR

X J Hoffman

SIGNATURE Jacqueline Hoffman/President

Aretha Construction

SUBCONTRACTOR'S CERTIFICATION CONCERNING LABOR STANDARDS AND PREVAILING WAGE REQUIREMENTS

(Section 6)

To Contractor:

Date 12-09-2011
Project Number 1428-14143
Project Name Group-1, 2015

1 The undersigned, if awarded a contract with R.W. Dunteman Co. (Contractor)

for bridge work (Nature of Work)

in the amount of $ 313,326.50 in the construction of the above-identified project, certifies that:

(a) The Labor Standards provisions of the Contract for Construction are included in the aforesaid contract

(b) Neither he nor any firm, corporation, partnership or association in which he has a substantial interest is designated as an ineligible contractor by the Comptroller General of the United States pursuant to Section 5.6(b) of the Regulations of the Secretary of Labor, Part 5 (29CFR Part 5) or pursuant to the Section 3(a) of the Davis-Bacon Act, as amended [40 U.S.C. 276a-2(a)]

(c) No part of the aforementioned Contract has been or will be subcontracted to any Subcontractor if such Subcontractor or any firm, corporation, partnership or association in which such Subcontractor has a substantial interest is designated as an ineligible Contractor pursuant to any of the aforementioned regulatory or statutory provisions

2 He agrees to obtain and forward to the aforementioned recipient within ten days after the execution of any subcontract, including those executed by his Subcontractor any lower tier subcontractor, a Subcontractor's Certification Concerning Labor Standards and Prevailing Wages Requirements executed by the Subcontractors.

3 The workmen will report for duty on 03-01-2011 (Date)

4 He certifies that

(a) The legal name and the business address of the undersigned are

(b) The undersigned is (check one)
- ___ Sole Proprietorship
- ___ Partnership
- ✓ Corporation
- ___ Other Organization (Describe)

(c) The name and address of the owner, partners or officers of the undersigned are

NAME	TITLE	ADDRESS
Sam Batey	President	410 E North Ave Streamwood IL
Ray Pate	V.P/Sec.	410 E. North Ave. Streamwood, IL
Duaine Batey	Shareholder	410 E North Ave, Streamwood, IL
Darrell Batey	Shareholder	410 E. North Ave, Streamwood IL

DATE 12-09-2011

SUBCONTRACTOR

X Sam C Batey

SIGNATURE

Jalpa Construction

SUBCONTRACTOR'S CERTIFICATION CONCERNING LABOR STANDARDS AND PREVAILING WAGE REQUIREMENTS
(Section 6)

To Contractor:

Date: December 10, 2014
Project Number: 1428.14143
Project Name: Group 1 2015 - Hinto Road

1. The undersigned, if awarded a contract with R.V. Dunteman Co. (Contractor)

Concrete Work for _____ Nature of Work)

_____ in the amount of $ 237,835.60 in the construction of the above-identified project, certifies that:

(a) The Labor Standards provisions of the Contract for Construction are included in the aforesaid contract.

(b) Neither he nor any firm, corporation, partnership or association in which he has a substantial interest is designated as an ineligible contractor by the Comptroller General of the United States pursuant to Section 5.6(b) of the Regulations of the Secretary of Labor, Part 5 (29CFR Part 5) or pursuant to the Section 3(a) of the Davis-Bacon Act, as amended [40 U.S.C. 276a-2(a)]

(c) No part of the aforementioned Contract has been or will be subcontracted to any Subcontractor if such Subcontractor or any firm, corporation, partnership or association in which such Subcontractor has a substantial interest is designated as an ineligible Contractor pursuant to any of the aforementioned regulatory or statutory provisions.

2. He agrees to obtain and forward to the aforementioned recipient within ten days after the execution of any subcontract, including those executed by his Subcontractor any lower tier subcontractor, a Subcontractor's Certification Concerning Labor Standards and Prevailing Wages Requirements executed by the Subcontractors.

3. The workmen will report for duty on TBD (Date)

4. He certifies that:

(a) The legal name and the business address of the undersigned are:

(b) The undersigned is (check one):
___ Sole Proprietorship
___ Partnership
X Corporation
___ Other Organization (Describe)

(c) The name and address of the owner, partners or officers of the undersigned are:

NAME	TITLE	ADDRESS
Fidel Perez	President	4431 S. Knox Ave, Chicago, IL 60632
Javier Perez	Secretary	3552 W 76th Pl Chicago, IL 60652

DATE 01/14/2014

SUBCONTRACTOR
X [signature]
SIGNATURE

SUBCONTRACTOR'S CERTIFICATION CONCERNING
LABOR STANDARDS AND PREVAILING WAGE REQUIREMENTS
(Section 6)

To Contractor:

Date: 12/10/14
Project Number: 14-A5496-03-RP 14-A5416-04-BR.
Project Name: Hintz Road

1. The undersigned, if awarded a contract with R. W. Dunteman Co. (Contractor)

for Traffic Control (Nature of Work)

in the amount of $ 122,892.50 in the construction of the above-identified project, certifies that:

(a) The Labor Standards provisions of the Contract for Construction are included in the aforesaid contract.

(b) Neither he nor any firm, corporation, partnership or association in which he has a substantial interest is designated as an ineligible contractor by the Comptroller General of the United States pursuant to Section 5.6(b) of the Regulations of the Secretary of Labor, Part 5 (29CFR Part 5) or pursuant to the Section 3(a) of the Davis-Bacon Act, as amended [40 U.S.C. 276a-2(a)]

(c) No part of the aforementioned Contract has been or will be subcontracted to any Subcontractor if such Subcontractor or any firm, corporation, partnership or association in which such Subcontractor has a substantial interest is designated as an ineligible Contractor pursuant to any of the aforementioned regulatory or statutory provisions.

2. He agrees to obtain and forward to the aforementioned recipient within ten days after the execution of any subcontract, including those executed by his Subcontractor any lower tier subcontractor, a Subcontractor's Certification Concerning Labor Standards and Prevailing Wages Requirements executed by the Subcontractors.

3. The workmen will report for duty on TBD (Date)

4. He certifies that:

(a) The legal name and the business address of the undersigned are:

(b) The undersigned is (check one):
- ___ Sole Proprietorship
- ✓ Partnership
- ___ Corporation
- ___ Other Organization (Describe)

(c) The name and address of the owner, partners or officers of the undersigned are:

NAME	TITLE	ADDRESS
Michael Smith, President		
Smith Maintenance Company		
205 W. Randolph St., Ste 925		
Chicago, IL 60606		

DATE 01/05/2015

SUBCONTRACTOR

X
SIGNATURE

SUBCONTRACTOR'S CERTIFICATION CONCERNING
LABOR STANDARDS AND PREVAILING WAGE REQUIREMENTS
(Section 6)

To Contractor:

Date: 12/10/14
Project Number: Rt A54/Hintz Rd
Project Name Section #14-A5416-03-RP and #14-A5416-04-BR
Cook County Procurement Contract #1428-14143

1. The undersigned, if awarded a contract with R.U. Dustman Co. (Contractor) for Pavement Marking (Nature of Work)

Maintenance Coatings in the amount of $178,329.21 in the construction of the above-identified project, certifies that:

(a) The Labor Standards provisions of the Contract for Construction are included in the aforesaid contract.

(b) Neither he nor any firm, corporation, partnership or association in which he has a substantial interest is designated as an ineligible contractor by the Comptroller General of the United States pursuant to Section 5.6(b) of the Regulations of the Secretary of Labor, Part 5 (29CFR Part 5) or pursuant to the Section 3(a) of the Davis-Bacon Act, as amended [40 U.S.C. 276a-2(a)]

(c) No part of the aforementioned Contract has been or will be subcontracted to any Subcontractor if such Subcontractor or any firm, corporation, partnership or association in which such Subcontractor has a substantial interest is designated as an ineligible Contractor pursuant to any of the aforementioned regulatory or statutory provisions.

2. He agrees to obtain and forward to the aforementioned recipient within ten days after the execution of any subcontract, including those executed by his Subcontractor any lower tier subcontractor, a Subcontractor's Certification Concerning Labor Standards and Prevailing Wages Requirements executed by the Subcontractors.

3 The workmen will report for duty on Per Contract (Date)

4. He certifies that.

(a) The legal name and the business address of the undersigned are:

(b) The undersigned is (check one):
- ____ Sole Proprietorship
- ____ Partnership
- X Corporation
- ____ Other Organization (Describe)

(c) The name and address of the owner, partners or officers of the undersigned are:

NAME	TITLE	ADDRESS
Julie Wright Suman	President	Algonquin IL
Mark Schuldt	Vice President	St Charles
Jeff Schuldt	Vice President	Mt Prospect

DATE 12/9/14

SUBCONTRACTOR:
SIGNATURE

COOK COUNTY SIGNATURE PAGE
(SECTION 9)

ON BEHALF OF THE COUNTY OF COOK, A BODY POLITIC AND CORPORATE OF THE STATE OF ILLINOIS, THIS CONTRACT IS HEREBY EXECUTED BY:

CHIEF PROCUREMENT OFFICER

DATED AT CHICAGO, ILLINOIS THIS 18 DAY OF February, 20 15

IN THE CASE OF A BID, THE COUNTY HEREBY ACCEPTS:

THE FOREGOING BID AS IDENTIFIED IN THE CONTRACT DOCUMENTS FOR CONTRACT NUMBER

1428-14143

OR

ITEM(S), SECTION(S), PART(S): Section Nos: 14-A5416-03-RP and 14-A5416-04-BR

TOTAL AMOUNT OF CONTRACT: $ 3,271,790.88
(DOLLARS AND CENTS)

FUND CHARGEABLE:

APPROVED BY BOARD OF
COOK COUNTY COMMISSIONERS

FEB 10 2015

APPROVED AS TO FORM:

ASSISTANT STATE'S ATTORNEY

SIGNATURE BY A SOLE PROPRIETOR
(SECTION 6)

The Undersigned hereby certifies and warrants: that all of the statements, certifications and representations set forth in this EDS are true, complete and correct; that the Undersigned is in full compliance and will continue to be in compliance throughout the term of the Contract or County Privilege issued to the Undersigned with all the policies and requirements set forth in this EDS; and that all facts and information provided by the Undersigned in this EDS are true, complete and correct. The Undersigned agrees to inform the Cook County Chief Procurement Officer in writing if any of such statements, certifications, representations, facts or information becomes or is found to be untrue, incomplete or incorrect during the term of the Contract or County Privilege.

BUSINESS NAME:_____

BUSINESS ADDRESS:_____

_____

BUSINESS TELEPHONE:_____ FAX NUMBER:_____

FEIN/SSN:_____

COOK COUNTY BUSINESS REGISTRATION NUMBER:_____

SOLE PROPRIETOR'S SIGNATURE: _____

PRINT NAME: _____

DATE: _____

Subscribed to and sworn before me this

_____ day of _____, 20___.

My commission expires:

X_____ _____

Notary Public Signature Notary Seal

SIGNATURE BY A PARTNERSHIP (AND/OR A JOINT VENTURE)
(SECTION 7)

The Undersigned hereby certifies and warrants: that all of the statements, certifications, and representations set forth in this EDS are true, complete and correct; that the Undersigned is in full compliance and will continue to be in compliance throughout the term of the Contract or County Privilege issued to the Undersigned with all the policies and requirements set forth in this EDS; and that all of the facts and information provided by the Undersigned in this EDS are true, complete and correct. The Undersigned agrees to inform the Cook County Chief Procurement Officer in writing if any of such statements, certifications, representations, facts or information becomes or is found to be untrue, incomplete or incorrect during the term of the Contract or County Privilege. .

BUSINESS NAME:_____

BUSINESS ADDRESS:_____

_____

BUSINESS TELEPHONE:_____ FAX NUMBER:_____

CONTACT PERSON:_____ FEIN/SSN:_____

*COOK COUNTY BUSINESS REGISTRATION NUMBER:_____

SIGNATURE OF PARTNER AUTHORIZED TO EXECUTE CONTRACTS ON BEHALF OF PARTNERSHIP:

*BY: _____

Date:_____

Subscribed to and sworn before me this

_____ day of _____, 20___.

My commission expires:

X_____ _____

Notary Public Signature Notary Seal

* **Attach hereto a partnership resolution or other document authorizing the individual signing this Signature Page to so sign on behalf of the Partnership.**

SIGNATURE BY A CORPORATION
(SECTION 8)

The Undersigned hereby certifies and warrants: that all of the statements, certifications, and representations set forth in this EDS are true, complete and correct; that the Undersigned is in full compliance and will continue to be in compliance throughout the term of the Contract or County Privilege issued to the Undersigned with all the policies and requirements set forth in this EDS; and that all of the facts and information provided by the Undersigned in this EDS are true, complete and correct. The Undersigned agrees to inform the Cook County Chief Procurement Officer in writing if any of such statements, certifications, representations, facts or information becomes or is found to be untrue, incomplete or incorrect during the term of the Contract or County Privilege.

BUSINESS NAME: R.W. DUNTEMAN COMPANY

BUSINESS ADDRESS: 600 S. Lombard Road
Addison, IL 60101

BUSINESS TELEPHONE: (630) 953-1500 FAX NUMBER: (630) 932-0994

CONTACT PERSON: Roland W. Dunteman III

FEIN: 36-2130857 *IL CORPORATE FILE NUMBER: D3131-503-4

LIST THE FOLLOWING CORPORATE OFFICERS:

PRESIDENT: Roland W. Dunteman III VICE PRESIDENT: William R Rohde

Asst/SECRETARY: Jay Landgraf Secretary/TREASURER: Matthew Dunteman

**SIGNATURE OF PRESIDENT: Roland W Dunteman III

ATTEST: Jay Landgraf (CORPORATE SECRETARY)

Subscribed and sworn to before me this

10th day of December, 2014.

X Notary Public Signature

My commission expires:

OFFICIAL SEAL
Jose Gonzalez
Notary Public, State of Illinois
My Commission Expires 9-30-2017

Notary Seal

* **If the corporation is not registered in the State of Illinois, a copy of the Certificate of Good Standing from the state of incorporation must be submitted with this Signature Page.**

** **In the event that this Signature Page is signed by any persons than the President and Secretary, attach either a certified copy of the corporate by-laws, resolution or other authorization by the corporation, authorizing such persons to sign the Signature Page on behalf of the corporation.**

SURETY'S STATEMENT
of
QUALIFICATION FOR BONDING
(Section 10)

This document must be accurately executed (by the Surety Company) and yielded as part of this Bid.

IF THIS DOCUMENT IS NOT ACCURATELY EXECUTED AND SUBMITTED WITH THE BID PACKAGE, THIS CONSTITUTES CAUSE FOR DISQUALIFICATION OF THE VENDOR FROM BIDDING ON THIS CONTRACT.

The undersigned confirms that: Continental Casualty Company
(SURETY COMPANY)

would execute a Performance/Payment Bond in favor of the County of Cook for the full amount

of the bid/contract: 14-A5416-03-RP & 14-A5416-04-BR
(NUMBER)

to: R.W. Dunteman Company
(BIDDER)

The penalty of this bond is to be $ 100% of the contract amount
(TOTAL DOLLAR AMOUNT OF CONTRACT)

SURETY

Continental Casualty Company
(SURETY COMPANY'S AUTHORIZED SIGNATURE)

CORPORATE SEAL

CONTINENTAL CASUALTY COMPANY
CORPORATE SEAL
1897

(ATTORNEY-IN-FACT) Kimberly R. Holmes

02128	20443
AMB #	NAIC

APPROVED BY BOARD OF COOK COUNTY COMMISSIONERS

FEB 10 2015

COOK COUNTY DEPARTMENT OF TRANSPORTATION AND HIGHWAYS
TRUST AGREEMENT

THIS TRUST AGREEMENT is made and entered into by and between the County of Cook, by and through the Department of Transportation and Highways, whose address is 69 West Washington, Suite 2300, Chicago, Illinois, 60602, hereinafter called the COUNTY, and_____ whose address is _____, _____, IL hereinafter called the CONTRACTOR, and _____, a FINANCIAL INSTITUTION or trust company located in Cook County, whose deposits are insured by an agency or instrumentality of the federal government and whose address is _____, _____, IL, phone number (_____)_____ hereinafter called the FINANCIAL INSTITUTION. Contact person being _____.

WITNESSETH:

WHEREAS the COUNTY has awarded to the CONTRACTOR Cook County Contract Number **1428-14143, GROUP 1 – 2015 – Hintz Road** (Elmhurst Road to Milwaukee Avenue and Hintz Road at Ecko Lake West of Wheeling Road; Section Numbers **14-A5416-03-RP and 14-A5416-04-BR**; Route **A54** in the Township of **Wheeling** providing for the construction of a COUNTY highway improvement for a total price of $_____ dollars; and

WHEREAS under Section 5-409 of the Illinois Highway Code, as amended, the COUNTY is authorized to make progress payments as the CONTRACTOR performs the work under the contract and may retain a percentage of progress payments; and

WHEREAS the COUNTY may, at the request of CONTRACTOR, deposit the retainage under a Trust Agreement with a FINANCIAL INSTITUTION of the CONTRACTOR'S choice which is located in Cook County and has been approved for the deposit of such funds by the Superintendent of the Cook County Department of Transportation and Highways pursuant to Cook County Code Section 34-36; and

WHEREAS by execution of this Agreement, the CONTRACTOR and said FINANCIAL INSTITUTION request that the retainage be deposited with said FINANCIAL INSTITUTION as provided by law.

NOW THEREFORE, the parties do hereby agree that:

1. This Agreement shall not change any of the rights, duties, privileges or responsibilities of the parties to the above-referenced construction contract, except as may be provided herein.
2. Notwithstanding the provisions of this Agreement, the COUNTY may withhold progress payments or any portion thereof on account of lien claims, liquidated damages, or as may otherwise be provided by the above contract or by law.
3. All progress payments, including final payment under the above contract, shall be made by COUNTY warrants payable to the CONTRACTOR and FINANCIAL INSTITUTION, as trustee, jointly, and such payments shall be sent to the FINANCIAL INSTITUTION at the above address.
4. The progress payments shall specify on a copy of the COUNTY'S invoice to be mailed with the warrant the amount thereof to be paid to the CONTRACTOR and the amount to be held by the FINANCIAL INSTITUTION as retainage under this Agreement.

5. The money so held by the FINANCIAL INSTITUTION shall be described as "retainage" and shall be held in trust according to the terms of this Agreement. Interest earned on the retainage may be paid to the CONTRACTOR as it accrues or as the FINANCIAL INSTITUTION'S policy permits.

6. The principal balance of the retainage, or any part thereof, shall not be paid over to the CONTRACTOR except upon written directive to the FINANCIAL INSTITUTION by the COUNTY.

7. The FINANCIAL INSTITUTION may invest or reinvest said retainage in:

a. Certificates of Deposit issued by a financial institution whose principal office is located in Cook County, including this FINANCIAL INSTITUTION;

b. United States Government Bonds;

c. United States Treasury Notes;

d. United States Treasury Bills;

e. Time Deposit on Open Account.

Provided, however, that the investment of said retainage shall not relieve the FINANCIAL INSTITUTION from the return or repayment of such funds within ninety (90) days as provided in this Agreement.

8. Retainage is the property of the COUNTY until notice of final payment, and the principal amount, or any part thereof, shall not be pledged or used as security for any purpose.

9. The COUNTY shall be the sole judge of return or repayment of the funds to the Cook County Treasurer. Upon written demand made by the COUNTY to the FINANCIAL INSTITUTION for the return or repayment of the retainage, the FINANCIAL INSTITUTION shall make such return or repayment regardless of whether the COUNTY shall state any reason therefor and without imposition of any other requirements or conditions.

10. The repayment or return of retainage to the COUNTY shall be by check from the FINANCIAL INSTITUTION payable to the Treasurer of Cook County and shall be mailed to the COUNTY within ninety (90) days after the COUNTY'S demand.

11. The CONTRACTOR does not waive or release any rights he has against the COUNTY for breach of contract, including this Agreement, by reason of the repayment by the FINANCIAL INSTITUTION to the COUNTY on account of demand made by the COUNTY.

12. In the event demand for the retainage is made under this Agreement by the COUNTY, the COUNTY may specify, in its sole judgment, the amount to be repaid or returned as all or part of the principal balance of the retainage. This Agreement shall continue as to any retainage not returned to the COUNTY and any future payments by the COUNTY to the CONTRACTOR.

13. Upon return or repayment of the full principal balance of the retainage to the COUNTY, this Agreement shall terminate and have no further force or effect.

14. The COUNTY shall request confirmation of account balances as of June 30 of each year, and the FINANCIAL INSTITUTION shall comply with this request. The FINANCIAL INSTITUTION'S failure to comply with this provision shall be reason to demand return of the retainage pursuant to this Agreement.

15. The COUNTY shall provide notice of final payment to the FINANCIAL INSTITUTION and the CONTRACTOR. When said final payment is made, this Agreement shall be terminated and the retainage or interest thereon shall be paid to the CONTRACTOR by the FINANCIAL INSTITUTION. The COUNTY and the CONTRACTOR agree that the date of mailing such notice of final payment to the FINANCIAL INSTITUTION shall constitute the date of final payment to the CONTRACTOR under the contract. Any provisions of the contract regarding final payment shall be deemed to have been complied with regardless of any delay in the CONTRACTOR'S receiving said final payment or any retainage and interest thereon from the FINANCIAL INSTITUTION.

16. The FINANCIAL INSTITUTION shall look only to the CONTRACTOR to pay any costs or fees for either its services or expenses hereunder and no deduction shall be made therefor for any retainage or interest thereon except such deduction that may be made after final payment has been made.

17. Failure of the FINANCIAL INSTITUTION to comply with any of the terms of this Agreement shall be cause for the COUNTY to refuse approval of the FINANCIAL INSTITUTION as a party to any future Trust Agreements.

IN WITNESS WHEREOF the parties to this Trust Agreement have hereunder signed and executed this Trust Agreement this _____ day of _____, 20__.
(To be dated by the COUNTY.)

CONTRACTOR

_____
Company Name

By: _____
Printed Name: _____
Title: _____

ATTEST: _____
Printed Name: _____
Title: _____

CONTRACTOR (IF JOINT VENTURE)

_____
Company Name

By: _____
Printed Name: _____
Title: _____

ATTEST: _____
Printed Name: _____
Title: _____

CONTRACTOR (IF JOINT VENTURE)

_____
Company Name

By: _____
Printed Name: _____
Title: _____

ATTEST: _____
Printed Name: _____
Title: _____

CONTRACTOR (IF JOINT VENTURE)

_____
Company Name

By: _____
Printed Name: _____
Title: _____

ATTEST: _____
Printed Name: _____
Title: _____

FINANCIAL INSTITUTION

_____

By: _____
Printed Name: _____
Title: _____

ATTEST: _____
Printed Name: _____
Title: _____

COOK COUNTY
DEPARTMENT OF TRANSPORTATION AND HIGHWAYS
By: _____
Superintendent

R.W. Dunteman Co.
Contractors

600 S. LOMBARD ROAD
P. O. BOX 1129
ADDISON, ILLINOIS 60101
PHONE 630-953-1500
FAX 630-932-0994

R. W. DUNTEMAN CO. 85 Years OF QUALITY CONSTRUCTION SINCE 1927

January 12, 2015

Cook County Department of Transportation and Highways
69 West Washington Street
Suite 2400
Chicago, IL 60602

Attention: Mrs. Elaine M. McLaughlin
Contract Administrator

Subject: **RWD Job No. 1430 – Cook County Department of Transportation**
Group 1 – 2015 – Hintz Road
Elmhurst Road to Milwaukee Avenue and Hintz Road
At Ecko Lake (west of Wheeling Rd)
Section No. 14-A5416-03-RP & 14-A5416-04-BR
Route A54
Wheeling, Cook County, IL

Dear Mrs. Elaine M. McLaughlin:

At this time the R.W. Dunteman Company will opt out of participating in the Trust Agreement.

If you have any questions please feel to contact our office at 630-953-1500.

Sincerely,

R. W. DUNTEMAN COMPANY

Roland W. Dunteman, III
President

WRR: jg

Enclosures

cc: File 1430 Contracts

Bond#929606130

PERFORMANCE AND PAYMENT BOND TO THE COUNTY OF COOK

Know All Men by These Presents, That we, R.W. Dunteman Company

as principle, and Continental Casualty Company

333 South Wabash, Chicago, Illinois 60604, as surety, are

held and firmly bound unto the County of Cook in the penal sum of Three Million Two Hundred Seventy One Thousand - Nine Hundred Seventeen and 91/100 Dollars ($ 3,271,917.91), lawful money of the United States of America, for the payment of which sum of money well and truly to be made, we bind ourselves, our respective heirs, executors, administrators, successors and assigns, firmly, by these presents.

Signed, sealed, and delivered this 5th day of January A.D. 20 15.

THE CONDITION OF THE ABOVE OBLIGATION IS SUCH, That whereas, the above bounded principle entered into a certain contract with the County of Cook, bearing date the day of **AWARD OF CONTRACT** for **GROUP 1 – 2015 – HINTZ ROAD – Elmhurst Road to Milwaukee Avenue and Hintz Road at Ecko Lake (west of Wheeling Road);** Section Numbers **14-A5416-03-RP and 14-A5416-04-BR;** Route **A54** in the Township of **Wheeling;** Cook County Contract No. **1428-14143.**

The terms and conditions of the Illinois Public Construction Bond Act, 30 ILCS 550

The terms and conditions of the Illinois Public Construction Bond Act, 30 ILCS 550 *et seq.* are hereby incorporated by reference.

It is hereby expressly understood and agreed, and made a condition hereof, that any judgment rendered in favor of any person not a party to said contract against the County of Cook in any suit arising out of said contract or its performance, when reasonable notice of the pendency of such suit shall have been given to said principle and to said surety, shall be conclusive against said principle and said surety as to both liability and amount.

In Witness Whereof, said parties hereto have caused this bond to be executed and delivered at Chicago, Illinois, all on the day and year first above written.

R.W. Dunteman Company

PRINCIPAL/CONTRACTOR SEAL

By _____ Asst. _____

PRESIDENT Roland W. Dunteman III SECRETARY William R. Rohde

Continental Casualty Company

SURETY SEAL

By _____ 02128 20443

SURETY/ATTORNEY-IN-FACT Christine Eitel AMB# NAIC#

(ATTACH POWER OF ATTORNEY)

Approved as to form:

By: _____

ASSISTANT STATES ATTORNEY

PW5.18

STATE OF ILLINOIS

COUNTY OF DuPage

I, Ann Marie Waters Notary Public of Cook County, in the State of Illinois, do hereby certify that Christine Eitel Attorney-in-Fact, of the Continental Casualty Company who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person, and acknowledged that she signed, sealed and delivered said instrument, for and on behalf of the Continental Casualty Company for the used and purposes therein set forth.

Given under my hand and notarial seal at my office in the City of Lisle in said County, this 5th day of January A.D., 2015.

Ann Marie Waters

(Notary Public) Ann Marie Waters

My Commission expires: 07/05/2017

Notary Seal:

OFFICIAL SEAL
ANN MARIE WATERS
NOTARY PUBLIC - STATE OF ILLINOIS
MY COMMISSION EXPIRES:07/05/17

POWER OF ATTORNEY APPOINTING INDIVIDUAL ATTORNEY-IN-FACT

Know All Men By These Presents, That Continental Casualty Company, an Illinois insurance company, National Fire Insurance Company of Hartford, an Illinois insurance company, and American Casualty Company of Reading, Pennsylvania, a Pennsylvania insurance company (herein called "the CNA Companies"), are duly organized and existing insurance companies having their principal offices in the City of Chicago, and State of Illinois, and that they do by virtue of the signatures and seals herein affixed hereby make, constitute and appoint

Karen A Ryan, William P Weible, William Cahill, Kimberly Sawicki, Ann Marie Waters, Melissa Newman, Kimberly R Holmes, Christine Eitel, Deborah A Campbell, Leigh Ann Francis, Individually

of Lisle, IL, their true and lawful Attorney(s)-in-Fact with full power and authority hereby conferred to sign, seal and execute for and on their behalf bonds, undertakings and other obligatory instruments of similar nature

- In Unlimited Amounts -

and to bind them thereby as fully and to the same extent as if such instruments were signed by a duly authorized officer of their insurance companies and all the acts of said Attorney, pursuant to the authority hereby given is hereby ratified and confirmed.

This Power of Attorney is made and executed pursuant to and by authority of the By-Law and Resolutions, printed on the reverse hereof, duly adopted, as indicated, by the Boards of Directors of the insurance companies.

In Witness Whereof, the CNA Companies have caused these presents to be signed by their Vice President and their corporate seals to be hereto affixed on this 1st day of October, 2014.

Continental Casualty Company
National Fire Insurance Company of Hartford
American Casualty Company of Reading, Pennsylvania

Paul T. Bruflat — Vice President

State of South Dakota, County of Minnehaha, ss:

On this 1st day of October, 2014, before me personally came Paul T. Bruflat to me known, who, being by me duly sworn, did depose and say: that he resides in the City of Sioux Falls, State of South Dakota; that he is a Vice President of Continental Casualty Company, an Illinois insurance company, National Fire Insurance Company of Hartford, an Illinois insurance company, and American Casualty Company of Reading, Pennsylvania, a Pennsylvania insurance company described in and which executed the above instrument; that he knows the seals of said insurance companies; that the seals affixed to the said instrument are such corporate seals; that they were so affixed pursuant to authority given by the Boards of Directors of said insurance companies and that he signed his name thereto pursuant to like authority, and acknowledges same to be the act and deed of said insurance companies.

J. MOHR
NOTARY PUBLIC
SOUTH DAKOTA

My Commission Expires June 23, 2015

J. Mohr — Notary Public

CERTIFICATE

I, D. Bult, Assistant Secretary of Continental Casualty Company, an Illinois insurance company, National Fire Insurance Company of Hartford, an Illinois insurance company, and American Casualty Company of Reading, Pennsylvania, a Pennsylvania insurance company do hereby certify that the Power of Attorney herein above set forth is still in force, and further certify that the By-Law and Resolution of the Board of Directors of the insurance companies printed on the reverse hereof is still in force. In testimony whereof I have hereunto subscribed my name and affixed the seal of the said insurance companies this 5 day of January, 2015.

Continental Casualty Company
National Fire Insurance Company of Hartford
American Casualty Company of Reading, Pennsylvania

D. Bult — Assistant Secretary

Form F6853-4/2012

Authorizing By-Laws and Resolutions

ADOPTED BY THE BOARD OF DIRECTORS OF CONTINENTAL CASUALTY COMPANY:

This Power of Attorney is made and executed pursuant to and by authority of the following resolution duly adopted by the Board of Directors of the Company at a meeting held on May 12, 1995:

"RESOLVED: That any Senior or Group Vice President may authorize an officer to sign specific documents, agreements and instruments on behalf of the Company provided that the name of such authorized officer and a description of the documents, agreements or instruments that such officer may sign will be provided in writing by the Senior or Group Vice President to the Secretary of the Company prior to such execution becoming effective."

This Power of Attorney is signed by Paul T. Bruflat, Vice President, who has been authorized pursuant to the above resolution to execute power of attorneys on behalf of Continental Casualty Company.

This Power of Attorney is signed and sealed by facsimile under and by the authority of the following Resolution adopted by the Board of Directors of the Company by unanimous written consent dated the 25th day of April, 2012:

"Whereas, the bylaws of the Company or specific resolution of the Board of Directors has authorized various officers (the "Authorized Officers") to execute various policies, bonds, undertakings and other obligatory instruments of like nature; and

Whereas, from time to time, the signature of the Authorized Officers, in addition to being provided in original, hard copy format, may be provided via facsimile or otherwise in an electronic format (collectively, "Electronic Signatures"); Now therefore be it resolved: that the Electronic Signature of any Authorized Officer shall be valid and binding on the Company."

ADOPTED BY THE BOARD OF DIRECTORS OF NATIONAL FIRE INSURANCE COMPANY OF HARTFORD:

This Power of Attorney is made and executed pursuant to and by authority of the following resolution duly adopted by the Board of Directors of the Company by unanimous written consent dated May 10, 1995:

"RESOLVED: That any Senior or Group Vice President may authorize an officer to sign specific documents, agreements and instruments on behalf of the Company provided that the name of such authorized officer and a description of the documents, agreements or instruments that such officer may sign will be provided in writing by the Senior or Group Vice President to the Secretary of the Company prior to such execution becoming effective."

This Power of Attorney is signed by Paul T. Bruflat, Vice President, who has been authorized pursuant to the above resolution to execute power of attorneys on behalf of National fire Insurance Company of Hartford.

This Power of Attorney is signed and sealed by facsimile under and by the authority of the following Resolution adopted by the Board of Directors of the Company by unanimous written consent dated the 25th day of April, 2012:

"Whereas, the bylaws of the Company or specific resolution of the Board of Directors has authorized various officers (the "Authorized Officers") to execute various policies, bonds, undertakings and other obligatory instruments of like nature; and

Whereas, from time to time, the signature of the Authorized Officers, in addition to being provided in original, hard copy format, may be provided via facsimile or otherwise in an electronic format (collectively, "Electronic Signatures"); Now therefore be it resolved: that the Electronic Signature of any Authorized Officer shall be valid and binding on the Company."

ADOPTED BY THE BOARD OF DIRECTORS OF AMERICAN CASUALTY COMPANY OF READING, PENNSYLVANIA:

This Power of Attorney is made and executed pursuant to and by authority of the following resolution duly adopted by the Board of Directors of the Company by unanimous written consent dated May 10, 1995:

"RESOLVED: That any Senior or Group Vice President may authorize an officer to sign specific documents, agreements and instruments on behalf of the Company provided that the name of such authorized officer and a description of the documents, agreements or instruments that such officer may sign will be provided in writing by the Senior or Group Vice President to the Secretary of the Company prior to such execution becoming effective."

This Power of Attorney is signed by Paul T. Bruflat, Vice President, who has been authorized pursuant to the above resolution to execute power of attorneys on behalf of American Casualty Company of Reading, Pennsylvania.

This Power of Attorney is signed and sealed by facsimile under and by the authority of the following Resolution adopted by the Board of Directors of the Company by unanimous written consent dated the 25th day of April, 2012:

"Whereas, the bylaws of the Company or specific resolution of the Board of Directors has authorized various officers (the "Authorized Officers") to execute various policies, bonds, undertakings and other obligatory instruments of like nature; and

Whereas, from time to time, the signature of the Authorized Officers, in addition to being provided in original, hard copy format, may be provided via facsimile or otherwise in an electronic format (collectively, "Electronic Signatures"); Now therefore be it resolved: that the Electronic Signature of any Authorized Officer shall be valid and binding on the Company."

CONTRACT
(SECTION 10)

This AGREEMENT made and entered into this ____ day of _____A.D., 20____ by and between the County of Cook, party of the first part and hereinafter called County, and _____, party of the second part and hereinafter called Contractor.

WITNESSETH:

That for and in consideration of the payments to be made by the said County as hereinafter provided, the said Contractor hereby covenants and agrees with the said County to do all the work and furnish all the labor, materials, machinery, apparatus, implements, tools, and other things necessary for the improvement of a section of the public highway known as Cook County Contract number **1428-14143**, **GROUP 1 – 2015 – HINTZ ROAD – Elmhurst Road to Milwaukee Avenue and Hintz Road at Ecko Lake (West of Wheeling Road).** In the Township of **Wheeling** County of Cook, and State of Illinois, said section known or to be known as Sections **14-A5416-03-RP and 14-A5416-04-**BR; Route **A54** at his own cost and expense, free from all liens, claims, and charges whatsoever, and in a good substantial, thorough and workmanlike manner, and in strict and full accordance, conformity and compliance with all the terms and conditions of this contract and the requirements under it of the Superintendent of Department of Transportation and Highways of Cook County, Illinois, and under the direction and to the satisfaction of the said Superintendent of Department of Transportation and Highways.

It is expressly understood and agreed by and between said County and said Contractor that the Bid hereto attached and Notice to Contractors, Specifications, Plans, Maps, Blue Prints, and Drawings, on file in the Office of the Superintendent of Department of Transportation and Highways of Cook County, Illinois, and in the office of the Department of Transportation, Springfield, Illinois, copies of which are hereto attached, hereby are included in and made a part of this contract.

The Contractor shall not begin construction operations until the contract has been approved by the Board of Cook County Commissioners and fully executed by the County. Subsequent to contract execution, the Contractor will be notified by a notice-to-proceed letter from the Superintendent of Cook County Department of Transportation of Highways to commence operations on a specified date. The undersigned agrees to start construction operations on the date specified and to complete the proposed improvement in full compliance with the contract on or before **November 13, 2015**. The contract period is **February 23, 2015 through November 13, 2017.**

The Superintendent of Cook County Department of Transportation and Highways shall at the end of each month make an estimate in writing, such as in his opinion shall be just and fair, of the amount of materials furnished, delivered, properly set in place and incorporated into the herein described

improvement, and the amount of work properly done by said Contractor in the performance of the work hereunder and the value thereof under and according to the terms of this contract.

The first estimate shall cover the amount of work performed and the value of the materials properly set in place and incorporated into the herein described improvement since said Contractor commenced the performance of this contract, and each subsequent estimate, except the final one, shall be of the amount of work performed and the value of the materials properly set in place and incorporated into said improvement since the last preceding estimate was made.

Such estimates of amount and quality shall not be required to be made by strict measurement, but shall be sufficient if they are made approximately only, and each such estimate shall be submitted to the Board of County Commissioners of Cook County and upon approval by said Board of Commissioners said County shall pay to said Contractor ninety per cent (90%) of the amount stated in said estimates.

At least one week before each payment falls due, said Contractor shall submit to said Superintendent of Department of Transportation and Highways requisition for such payment, and, shall, if required, submit therewith an itemized statement of the quantities and cost and proportionate profit of work performed to the termination of the period to be covered by such payment, together with an affidavit setting forth that the items in said statement are true and just, that the services were rendered, that the articles or materials were furnished, that the sum claimed is due and unpaid, after allowing all just credits, that all labor, materials, apparatus, fixtures, and machinery furnished or used have been paid for, and if not, stating those not paid for, giving the amount due, to whom due, and for what due, attaching to said affidavit waivers of lien from those mentioned in said exceptions as having unpaid claims, and such affidavit shall contain such other matter as may be deemed necessary by the said Superintendent of Department of Transportation and Highways to protect said County in its payments, and any such statement shall not be binding upon said Superintendent of Department of Transportation and Highways.

There shall be deducted from the amount so determined for the first fifty (50) percent of the completed work a sum of ten (10) percent to be retained until after the completion of the entire work to the satisfaction of the County. After fifty (50) percent or more of the work is completed, the County may, at its discretion, certify the remaining partial payments without any further retention, provided that satisfactory progress is being made, and provided that the amount retained is not less than five (5) percent of the total adjusted contract price.

It is expressly agreed by the parties hereto that in the event any defects or imperfections in the materials or workmanship to be furnished by the Contractor herein appear within the period of one year from the date of completion of all the work mentioned herein and the acceptance thereof by said County, the Contractor will, upon notice from the said Superintendent of Department of Transportation and Highways, (which notice may be given by letter mailed to said Contractor to the business address of the Contractor shown in the Proposal), repair and make good at his own cost any such defects or imperfections and replace any defective or imperfect materials or workmanship with other materials or workmanship satisfactory to said Superintendent of Department of Transportation and Highways, and furnish all such

new materials and labor as may be necessary to do so; and in the event of the failure, refusal or delay of said Contractor to so make good, repair or replace said workmanship or materials, said County may do so or have same done by others, and said Contractor and the surety or sureties on his bond given for the faithful performance of this contract shall be liable to the County of Cook for all damages and expense occasioned by such failure, refusal or delay.

It is expressly and mutually covenanted and agreed that all of the Plans and Specifications hereinbefore mentioned and this Instrument together are the documents forming the contract between said County and said Contractor and are correlative, and whatever may be provided for and required by one of said documents shall be as binding as if provided for and required by two or more of them.

The Contractor expressly agrees that not less than the general prevailing rate of wages as found by The Board of County Commissioners for the County of Cook in accordance with the provisions of "An Act regulating wages of laborers, mechanics and other workmen employed under contracts for public works", Approved June 26, 1941, as amended, or such wage rates as may be determined by the court on appeal as in said Act provided, shall be paid to all laborers, workmen and mechanics performing work under this contract. The prevailing wage rates as found by the said Board of County Commissioners are on file in the office of the County Clerk for the County of Cook.

It is expressly understood and agreed that if the said Contractor shall fail, refuse or neglect to comply with said contract and Plans and Specifications or any provisions therein contained, or to proceed according to the terms of said contract and Plans and Specifications or any part thereof, in the manner and at the time as directed by the said Superintendent of Department of Transportation and Highways, then the said County shall have the right, and The Board of County Commissioners of Cook County is hereby given authority on behalf of the said County to declare this contract forfeited, and the said County may re-bid the whole or any part thereof upon such terms as it may see fit without prejudice to any of its rights herein.

It is expressly understood and agreed by the parties hereto that the Superintendent of Department of Transportation and Highways shall fix and determine the amount of damages to be paid to said County by the said Contractor by reason of the failure or refusal to perform this contract or comply with the provisions thereof as aforesaid, and the said Contractor hereby agrees to be held liable for the amount so fixed and determined and agrees to pay such amount; and the said County shall apply in payment of any such amount so fixed and determined any and all sums on hand or due and owing to said Contractor, and if there be not sufficient money on hand or due and owing to said Contractor to balance and pay said amount so fixed and determined, then, in such case, any amount remaining unpaid shall be a valid and subsisting claim against the said Contractor and the surety or sureties on his bond given for the faithful performance of this agreement.

CONTRACT
EXHIBIT A
SCHEDULING

It is understood that time is of the essence to the contract. The following project milestones will apply to this contract. Failure to meet milestone dates listed below will result in liquidated damages being applied in accordance with Article 108.09 of the Standard Specifications. An extension of time for each requirement may be granted in accordance with Section 108.08 of the Standard Specifications.

Milestone 1

Requirement: **Submittal of Paperwork** including Progress Schedule, Request of Approval of Subcontractors and Request for Approval of Suppliers.
Due Date: **2 weeks from issuance of Notice to Proceed**

Milestone 2

Requirement: **Substantial Completion of Project and Pre-Final Inspection**
Due Date: **November 13, 2015**

Milestone 3

Requirement: **Completion of All Punch List Work and Final Inspection.**
Restrictions: Completion of all punch list work within 30 Calendar days from the Pre-Final inspection of each section of the contract
Due Date: **December 14, 2015**

Milestone 4

Requirement: **Return the Final Construction Report (Form 69)** with any changes indicated initialed and dated on the report and include any and all pertinent information to substantiate any changes.
Restrictions: Return the Final Construction Report (Form 69) within 21 days of receipt.
Due Date: **June 13, 2016**

Milestone 5

Requirement: **Submittal of All Required Closeout Paperwork** including but not limited to Contractor's Affidavit (BC 141), Affidavit of Subcontractors or Material Supplier (BC 151) for all subcontractors and suppliers utilized for this contract, D//M/WBE Payment Agreement (SBE 2115) for all minority subcontractors and all required missing documentation as indicated in the Final Construction Report (Form 69).
Due Date: **November 13, 2017**

Contractor Name: R. U. DUNTEMAN CO.

Project: GROUP-1, 2015
HINTZ ROAD- ELMHURST ROAD TO MILWAUKEE AVENUE &
HINTZ ROAD AT ECKO LAKE (WEST OF WHEELING ROAD)
Section No.: 14-A5416-03-RP &
14-A5416-04-BR

SCHEDULE OF PRICES

ITEM NO.	QUAN-TITIES	UNIT	PAY ITEM	UNIT COST	TOTAL COST
1	78,800	SQ.YD.	DIAMOND GRINDING CONCRETE PAVEMENT	$ 4.06	$ 319,928.00
2	1,280	SQ.YD.	PORTLAND CEMENT CONCRETE PAVEMENT, 10 IN	60.52	77,465.60
3	1,280	SQ.YD.	PAVEMENT REMOVAL	14.83	18,982.40
4	120	SQ.YD.	CLASS B PATCHES, TYPE I, 10 IN	104.29	12,514.80
5	10,100	SQ.YD.	CLASS B PATCHES, TYPE II, 10 IN	84.43	852,743.00
6	1,410	SQ.YD.	CLASS B PATCHES, TYPE III, 10 IN	76.74	108,203.40
7	750	SQ.YD.	CLASS B PATCHES, TYPE IV, 10 IN	75.22	56,415.00
8	196	SQ.YD.	CLASS C PATCHES, JOINT REPAIR, SPECIAL 10 IN	135.05	26,469.80
9	4,207	SQ.YD.	PROTECTIVE COAT	0.09	378.63
10	2,160	SQ.YD.	PAVEMENT FABRIC	5.90	12,744.00
11	800	SQ.YD.	SUBBASE GRANULAR MATERIAL, TYPE B, 6 IN	19.42	15,536.00
12	6,264	FOOT	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	17.25	108,054.00
13	310	SQ.YD.	HOT-MIX ASPHALT DRIVEWAY SURFACE REMOVAL, 1 1/2 IN	21.42	6640.20
14	978	FOOT	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12	15.10	14,767.80
15	1,300	FOOT	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (SPECIAL)	21.90	28,470.00
16	1,220	SQ.YD.	HOT-MIX ASPHALT SURFACE REMOVAL, 2 IN	3.87	4721.40
17	7,242	FOOT	COMBINATION CURB AND GUTTER REMOVAL	2.89	20,929.38
18	1,300	FOOT	COMBINATION CURB AND GUTTER REMOVAL, SPECIAL	4.18	5434.00
19	3,923	SQ.FT.	CONCRETE MEDIAN, TYPE C-4	9.10	35,699.30
20	3,923	SQ.FT.	MEDIAN REMOVAL	1.64	6433.72
21	692	SQ.YD.	HOT-MIX ASPHALT SHOULDERS, 12 IN	58.04	40,163.68
22	80	TON	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70	125.02	10,001.60
23	92	TON	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50	122.95	11,311.40
24	350	FOOT	CUTTING HOT-MIX ASPHALT SURFACE	1.25	437.50
25	1,972	FOOT	CRACK AND JOINT ROUTING AND SEALING	1.70	3352.40
26	3,600	FOOT	SEALING EXISTING TRANSVERSE JOINT	1.50	5400.00
27	760	CU.YD.	EARTH EXCAVATION	21.98	16,704.80
28	1,640	SQ.YD.	SODDING, SALT TOLERANT	13.35	21,894.00
29	1,640	SQ.YD.	TOPSOIL FURNISH AND PLACE, 4 IN	8.90	14,596.00

(CONTINUED ON NEXT PAGE)

Contractor Name: R.W. DUNTEMAN CO.

Project: GROUP-1, 2015
HINTZ ROAD- ELMHURST ROAD TO MILWAUKEE AVENUE &
HINTZ ROAD AT ECKO LAKE (WEST OF WHEELING ROAD)
Section No.: 14-A5416-03-RP &
14-A5416-04-BR

SCHEDULE OF PRICES

ITEM NO.	QUAN-TITIES	UNIT	PAY ITEM	UNIT COST	TOTAL COST
30	3,375	SQ.FT.	PORTLAND CEMENT CONCRETE SIDEWALK, 5 IN	$ 5.90 -	$ 19,912.50 -
31	3,375	SQ.FT.	SIDEWALK REMOVAL	1.03	3476.25
32	240	SQ.FT.	DETECTABLE WARNINGS	25.00	6000.00
33	10	CAL.MO.	ENGINEERS FIELD OFFICE, TYPE A	2282.38	22,823.80
34	2	EACH	SURVEY MONUMENTS	6000.00	12,000.00
35	1	L.SUM	TRAFFIC PROTECTION	302,888.22	302,888.22
36	70,000	UNIT	CONTRACT EXTRA WORK	$ 1.00	$ 70,000.00
37	1	L.SUM	CRUSHED STONE (TEMPORARY USE)	5000.00	5000.00
38	2,180	FOOT	DETECTOR LOOP, TYPE I	27.20	59,296.00
39	5	EACH	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	8565.00	42,825.00
40	1	EACH	TEMPORARY TRAFFIC SIGNAL INSTALLATION	88,830.00	88,830.00
41	1	EACH	TEMPORARY TRAFFIC SIGNAL TIMINGS	1104.00	1104.00
42	2	EACH	REBUILD EXISTING HEAVY DUTY HANDHOLE	3372.50	6745.00
43	22	EACH	FRAMES AND LIDS, TYPE 1 (CLOSED)	283.00	6226.00
44	5	EACH	FRAMES AND GRATES, TYPE 24V	322.00	1610.00
45	95	EACH	FRAMES AND LIDS TO BE ADJUSTED	615.00	58,425.00
46	50	EACH	CLEANING INLETS FILTERS	75.00	3750.00
47	293	EACH	CLEANING EXISTING CATCH BASINS	173.00	50,689.00
48	5	EACH	CLEANING EXISTING MANHOLES	173.00	865.00
49	1	EACH	INLETS, TYPE A, 2 FT DIA WITH FRAME AND GRATE	2879.00	2879.00
50	156	EACH	INLET FILTERS	125.00	19,500.00
51	2	EACH	MANHOLES TO BE RECONSTRUCTED ICLB 12-10-14	2154.00 ~~2100~~	~~4200~~ 4308.00 ICLB 12-10-14
52	6	EACH	CATCH BASINS TO BE RECONSTRUCTED	1339.00	8034.00
53	1	EACH	MANHOLES DROP, TYPE A, 4 FT DIA WITH FRAME AND GRATE	10,902.00	10,902.00
54	1	EACH	MANHOLES DROP, TYPE A, 5 FT DIA WITH FRAME AND GRATE	10,994.00	10,994.00
55	2	EACH	REMOVING CATCH BASINS	1956.00	3912.00
56	2	EACH	CATCH BASINS, TYPE C, WITH FRAME AND GRATE	2954.00	5908.00
57	2	EACH	CATCH BASINS, TYPE A2, 4 FT DIA WITH FRAME AND GRATE	4892.00	9784.00
58	24	FOOT	STORM SEWERS, TYPE 1 (RCCP CLASS IV) 12 IN	70.35	1688.40

(CONTINUED ON NEXT PAGE)

Contractor Name: R.W. DUNTEMAN CO.

Project: GROUP-1, 2015
HINTZ ROAD- ELMHURST ROAD TO MILWAUKEE AVENUE &
HINTZ ROAD AT ECKO LAKE (WEST OF WHEELING ROAD)
Section No.: 14-A5416-03-RP &
14-A5416-04-BR

SCHEDULE OF PRICES

ITEM NO.	QUAN-TITIES	UNIT	PAY ITEM	UNIT COST	TOTAL COST
59	24	FOOT	STORM SEWERS, TYPE 1 (RCCP CLASS IV) 18 IN	$ 77.30 -	$ 1855.20 -
60	24	FOOT	STORM SEWER REMOVAL 12"	50.60	1214.40
61	24	FOOT	STORM SEWER REMOVAL 18"	46.45	1114.80
62	100	FOOT	CLEANING EXISTING STORM SEWERS, 12"	39.65	3965.00
63	1	EACH	VALVE VAULTS, TYPE A, 5 FT DIA WITH FRAME AND GRATE	6392.00	6392.00
64	2	EACH	VALVE VAULTS TO BE RECONSTRUCTED	2154.00	4308.00
65	18	EACH	WATERPROOFING SANITARY FRAMES AND GRATES TO BE ADJUSTED	932.00	16,776.00
66	34	CU YD	TRENCH BACKFILL	28.90	982.60
67	20	FOOT	EXPLORATION TRENCH (52 IN DEPTH)	73.25	1465.00
68	10	SQ YD	PAVEMENT REPLACEMENT	271.80	2718.00
69	16	FOOT	STORM SEWERS, TYPE 2 (RCCP CLASS III) 48 IN	386.00	6176.00
70	16	FOOT	STORM SEWERS, TYPE 2 (RCCP CLASS III) 54 IN	413.00	6608.00
71	16	FOOT	STORM SEWER REMOVAL, 48 IN	219.00	3504.00
72	16	FOOT	STORM SEWER REMOVAL, 54 IN	219.00	3504.00
73	10	EACH	FRAMES AND LIDS, TYPE 1 (OPEN)	283.00	2830.00
74	5	EACH	INLETS TO BE RECONSTRUCTED	971.00	4855.00
75	5	EACH	MANHOLES, TYPE A, 4 FT DIA WITH FRAME AND GRATE	6662.00	33,310.00
76	5	EACH	MANHOLES, TYPE A, 5 FT DIA WITH FRAME AND GRATE	7258.00	36,290.00
77	20	CAL.MO.	CHANGEABLE MESSAGE SIGN	1000.00	20,000.00
78	17,425	SQ.FT.	ERADICATION OF EXISTING PAVEMENT MARKING	1.00	17,245.00
79	1,339	SQ.FT.	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	5.00	6695.00
80	2,119	FOOT	MODIFIED URETHANE PAVEMENT MARKING - LINE 12 IN	2.00	4238.00
81	677	FOOT	MODIFIED URETHANE PAVEMENT MARKING - LINE 24 IN	5.00	3385.00
82	58,047	FOOT	MODIFIED URETHANE PAVEMENT MARKING - LINE 4 IN	0.43	24,960.21
83	5,190	FOOT	MODIFIED URETHANE PAVEMENT MARKING - LINE 6 IN	1.00	5190.00
84	2,300	FOOT	MODIFIED URETHANE PAVEMENT MARKING - LINE 8 IN	1.50	3450.00
85	6,900	FOOT	PAVEMENT MARKING TAPE, TYPE III, 4 IN	1.00	6900.00
86	490	EACH	RAISED REFLECTIVE PAVEMENT MARKER	26.50	12,985.00
87	470	EACH	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	8.41	3952.70

(CONTINUED ON NEXT PAGE)

Contractor Name: R.W. DONTEMAN CO.

Project: GROUP-1, 2015
HINTZ ROAD- ELMHURST ROAD TO MILWAUKEE AVENUE &
HINTZ ROAD AT ECKO LAKE (WEST OF WHEELING ROAD)
Section No.: 14-A5416-03-RP &
14-A5416-04-BR

SCHEDULE OF PRICES

ITEM NO.	QUAN-TITIES	UNIT	PAY ITEM	UNIT COST	TOTAL COST
88	250	SQ.YD.	BRIDGE DECK SCARIFICATION, 2 1/4 IN	$ 174.00	$ 43,500.00
89	250	SQ.YD.	BRIDGE DECK LATEX CONCRETE OVERLAY, 2 1/4 IN	264.00	66,000.00
90	226	SQ.YD.	BRIDGE DECK GROOVING	30.00	6780.00
91	430	FOOT	SILICONE JOINT SEALER, 1 1/2 IN	83.15	35,754.50
92	30	SQ.YD.	APPROACH SLAB REPAIR (PARTIAL DEPTH)	320.00	9600.00
93	30	SQ.YD.	APPROACH SLAB REPAIR (FULL DEPTH)	650.00	19500.00
94	80	SQ.YD.	DECK SLAB REPAIR (PARTIAL DEPTH)	320.00	25,600.00
95	144	FOOT	CLEAN AND RESEAL RELIEF JOINT	68.00	9792.00
96	375	SQ.YD.	AGGREGATE BASE COURSE TYPE B , 4 IN	12.90	4837.50
97	999	POUND	BITUMINOUS MATERIALS (PRIME COAT)	0.01	9.99
98	1	L.SUM	RAILROAD PROTECTIVE LIABILITY INSURANCE	6000.00	6000.00
99	20	TON	LEVELING BINDER (HAND METHOD), IL-9.5,N70, SPECIAL	140.05	2801.00
100	1,000	FOOT	TEMPORARY PAVEMENT MARKING	1.50	1500.00
101	1.10	CU.YD.	CONCRETE REMOVAL	3000.00	3300.00
102	1.10	CU.YD.	CONCRETE STRUCTURES	5000.00	5500.00
103	2,200	FOOT	EPOXY CRACK INJECTION	40.00	88,000.00
				TOTAL	$ 3,271,917.91

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County of Cook
Department of Transportation and Highways

Proposal Bid Bond

Project Hintz Road
Section 14-A5416-03-RP & 14-A5416-04-BR
Date December 10, 2014
Letting

We R.W. Dunteman Company
as Principal, and Continental Casualty Company
as Surety, are held and firmly bound unto the County of Cook a body politic and corporate of the state of Illinois herein after called the County in the penal sum of 5% of the total bid price, or for the amount specified in Article 102.09 of the "Standard Specifications for Road and Bridge Construction" in effect on the date of invitation for bids. We bind ourselves, our heirs, executors, administrators, successors, and assigns, jointly to pay to the County this sum under the conditions of this instrument.

WHEREAS THE CONDITION OF THE FOREGOING OBLIGATION IS SUCH that, the said PRINCIPAL is submitting a written proposal to the County acting through its awarding agency for the construction of the work designated as the above section.

THEREFORE, if the proposal is accepted and a contract awarded to the PRINCIPAL by the County for the above-designated section, and the PRINCIPAL shall within fifteen (15) days after award enter into a formal contract, furnish surely guaranteeing the faithful performance of the work, and furnish the required insurance coverage, all as provided in the Standard Specifications for Road and Bridge Construction" and applicable Supplemental Specifications, then this obligation shall become void; otherwise it shall remain in full force and effect.

IN THE EVENT the County determines the PRINCIPAL has failed to enter into a formal contract in compliance with any requirements set forth in the preceding paragraph, then the County acting through its awarding agency shall immediately be entitled to recover the full penal sum set out above, together with all court costs, all attorney fees, and any other expense of recovery.

IN TESTIMONY WHEREOF, the said PRINCIPAL and said SURETY have caused this instrument to be signed by their respective officers and their corporate seals to be hereunto affixed this 10th day of December A.D. 2014.

PRINCIPAL

R.W. Dunteman Company
(Company Name) (Seal)

BY: _____
(Signature & Title) Roland W. Dunteman III President

(Company Name) (Seal)

BY: _____
(Signature & Title)

(If PRINCIPAL is a joint venture of two or more contractors, the company names, seals and authorized signatures of each contractor must be affixed.)

SURETY

Continental Casualty Company
(Name of Surety) (Seal)

BY: _____
(Signature of Attorney-in-fact)
Kimberly R. Holmes Attorney-in-Fact

CONTINENTAL CASUALTY COMPANY CORPORATE SEAL 1897

STATE OF Illinois
COUNTY OF DuPage

I, Christine Eitel, a Notary Public in and for Cook County, do hereby certify that Roland W. Dunteman III Kimberly R. Holmes
(Insert names of individuals signing on behalf of PRINCIPAL & SURETY)
Who are each personally known to me to be the same persons whose names are subscribed to the foregoing instrument on behalf of PRINCIPAL and SURETY, appeared before me this day in person and acknowledged respectively, that they signed, sealed, and delivered said instrument as their free and voluntary act for the uses and purposes therein set forth.

Given under my hand and notarial seal this 10th day of December A.D., 2014. My commission expires May 26, 2014

Notary Public Christine Eitel

*Improper execution of this form (i.e. Missing Signatures or Seals or incomplete certification) will result in bid being declared irregular.
** If Bid Bond is used in lieu of proposal guaranty check, it must be on this form and must be submitted with Bid.

"OFFICIAL SEAL"
CHRISTINE EITEL
NOTARY PUBLIC - STATE OF ILLINOIS
MY COMMISSION EXPIRES MAY 26, 2016

POWER OF ATTORNEY APPOINTING INDIVIDUAL ATTORNEY-IN-FACT

Know All Men By These Presents, That Continental Casualty Company, an Illinois insurance company, National Fire Insurance Company of Hartford, an Illinois insurance company, and American Casualty Company of Reading, Pennsylvania, a Pennsylvania insurance company (herein called "the CNA Companies"), are duly organized and existing insurance companies having their principal offices in the City of Chicago, and State of Illinois, and that they do by virtue of the signatures and seals herein affixed hereby make, constitute and appoint

Kimberly R. Holmes , Individually

of Lisle, IL their true and lawful Attorney(s)-in-Fact with full power and authority hereby conferred to sign, seal and execute for and on their behalf bonds, undertakings and other obligatory instruments of similar nature

- In Unlimited Amounts -

Surety Bond Number: Bid Bond
Principal: R.W. Dunteman Company
Obligee: County of Cook, Department of Transportation and Highways

and to bind them thereby as fully and to the same extent as if such instruments were signed by a duly authorized officer of their insurance companies and all the acts of said Attorney, pursuant to the authority hereby given is hereby ratified and confirmed.

This Power of Attorney is made and executed pursuant to and by authority of the By-Law and Resolutions, printed on the reverse hereof, duly adopted, as indicated, by the Boards of Directors of the insurance companies.

In Witness Whereof, the CNA Companies have caused these presents to be signed by their Vice President and their corporate seals to be hereto affixed on this 16th day of May, 2012.

Continental Casualty Company
National Fire Insurance Company of Hartford
American Casualty Company of Reading, Pennsylvania

Paul T. Bruflat Vice President

State of South Dakota, County of Minnehaha, ss:

On this 16th day of May, 2012, before me personally came Paul T. Bruflat to me known, who, being by me duly sworn, did depose and say: that he resides in the City of Sioux Falls, State of South Dakota; that he is a Vice President of Continental Casualty Company, an Illinois insurance company, National Fire Insurance Company of Hartford, an Illinois insurance company, and American Casualty Company of Reading, Pennsylvania, a Pennsylvania insurance company described in and which executed the above instrument; that he knows the seals of said insurance companies; that the seals affixed to the said instrument are such corporate seals; that they were so affixed pursuant to authority given by the Boards of Directors of said insurance companies and that he signed his name thereto pursuant to like authority, and acknowledges same to be the act and deed of said insurance companies.

J. MOHR
NOTARY PUBLIC
SOUTH DAKOTA

My Commission Expires June 23, 2015

J. Mohr Notary Public

CERTIFICATE

I, D. Bult, Assistant Secretary of Continental Casualty Company, an Illinois insurance company, National Fire Insurance Company of Hartford, an Illinois insurance company, and American Casualty Company of Reading, Pennsylvania, a Pennsylvania insurance company do hereby certify that the Power of Attorney herein above set forth is still in force, and further certify that the By-Law and Resolution of the Board of Directors of the insurance companies printed on the reverse hereof is still in force. In testimony whereof I have hereunto subscribed my name and affixed the seal of the said insurance companies this 10th day of December, 2014.

Continental Casualty Company
National Fire Insurance Company of Hartford
American Casualty Company of Reading, Pennsylvania

D. Bult Assistant Secretary

Form F6853-4/2012

Authorizing By-Laws and Resolutions

ADOPTED BY THE BOARD OF DIRECTORS OF CONTINENTAL CASUALTY COMPANY:

This Power of Attorney is made and executed pursuant to and by authority of the following resolution duly adopted by the Board of Directors of the Company at a meeting held on May 12, 1995:

"RESOLVED: That any Senior or Group Vice President may authorize an officer to sign specific documents, agreements and instruments on behalf of the Company provided that the name of such authorized officer and a description of the documents, agreements or instruments that such officer may sign will be provided in writing by the Senior or Group Vice President to the Secretary of the Company prior to such execution becoming effective."

This Power of Attorney is signed by Paul T. Bruflat, Vice President, who has been authorized pursuant to the above resolution to execute power of attorneys on behalf of Continental Casualty Company.

This Power of Attorney is signed and sealed by facsimile under and by the authority of the following Resolution adopted by the Board of Directors of the Company by unanimous written consent dated the 25th day of April, 2012:

"Whereas, the bylaws of the Company or specific resolution of the Board of Directors has authorized various officers (the "Authorized Officers") to execute various policies, bonds, undertakings and other obligatory instruments of like nature; and

Whereas, from time to time, the signature of the Authorized Officers, in addition to being provided in original, hard copy format, may be provided via facsimile or otherwise in an electronic format (collectively, "Electronic Signatures"); Now therefore be it resolved: that the Electronic Signature of any Authorized Officer shall be valid and binding on the Company."

ADOPTED BY THE BOARD OF DIRECTORS OF NATIONAL FIRE INSURANCE COMPANY OF HARTFORD:

This Power of Attorney is made and executed pursuant to and by authority of the following resolution duly adopted by the Board of Directors of the Company by unanimous written consent dated May 10, 1995:

"RESOLVED: That any Senior or Group Vice President may authorize an officer to sign specific documents, agreements and instruments on behalf of the Company provided that the name of such authorized officer and a description of the documents, agreements or instruments that such officer may sign will be provided in writing by the Senior or Group Vice President to the Secretary of the Company prior to such execution becoming effective."

This Power of Attorney is signed by Paul T. Bruflat, Vice President, who has been authorized pursuant to the above resolution to execute power of attorneys on behalf of National fire Insurance Company of Hartford.

This Power of Attorney is signed and sealed by facsimile under and by the authority of the following Resolution adopted by the Board of Directors of the Company by unanimous written consent dated the 25th day of April, 2012:

"Whereas, the bylaws of the Company or specific resolution of the Board of Directors has authorized various officers (the "Authorized Officers") to execute various policies, bonds, undertakings and other obligatory instruments of like nature; and

Whereas, from time to time, the signature of the Authorized Officers, in addition to being provided in original, hard copy format, may be provided via facsimile or otherwise in an electronic format (collectively, "Electronic Signatures"); Now therefore be it resolved: that the Electronic Signature of any Authorized Officer shall be valid and binding on the Company."

ADOPTED BY THE BOARD OF DIRECTORS OF AMERICAN CASUALTY COMPANY OF READING, PENNSYLVANIA:

This Power of Attorney is made and executed pursuant to and by authority of the following resolution duly adopted by the Board of Directors of the Company by unanimous written consent dated May 10, 1995:

"RESOLVED: That any Senior or Group Vice President may authorize an officer to sign specific documents, agreements and instruments on behalf of the Company provided that the name of such authorized officer and a description of the documents, agreements or instruments that such officer may sign will be provided in writing by the Senior or Group Vice President to the Secretary of the Company prior to such execution becoming effective."

This Power of Attorney is signed by Paul T. Bruflat, Vice President, who has been authorized pursuant to the above resolution to execute power of attorneys on behalf of American Casualty Company of Reading, Pennsylvania.

This Power of Attorney is signed and sealed by facsimile under and by the authority of the following Resolution adopted by the Board of Directors of the Company by unanimous written consent dated the 25th day of April, 2012:

"Whereas, the bylaws of the Company or specific resolution of the Board of Directors has authorized various officers (the "Authorized Officers") to execute various policies, bonds, undertakings and other obligatory instruments of like nature; and

Whereas, from time to time, the signature of the Authorized Officers, in addition to being provided in original, hard copy format, may be provided via facsimile or otherwise in an electronic format (collectively, "Electronic Signatures"); Now therefore be it resolved: that the Electronic Signature of any Authorized Officer shall be valid and binding on the Company."

State of Illinois

County of DuPage

SURETY ACKNOWLEDGEMENT (ATTORNEY-IN-FACT)

I, Christine Eitel Notary Public of DuPage County, in the State of Illinois, do hereby certify that Kimberly R. Holmes Attorney-in-Fact, of the Continental Casualty Company who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person, and acknowledged that she signed, sealed and delivered said instrument, for and on behalf of the Continental Casualty Company for the uses and purposes therein set forth.

Given under my hand and notarial seal at my office in the City of Lisle in said County, this 10th day of December, 2014.

Notary Public Christine Eitel

My Commission expires: May 26, 2014

"OFFICIAL SEAL"
CHRISTINE EITEL
NOTARY PUBLIC - STATE OF ILLINOIS
MY COMMISSION EXPIRES MAY 26, 2016

BID DEPOSIT FORM

AS REQUIRED BY INSTRUCTION TO BIDDER OF/AND INCONJUNCTION WITH THE BID HEREWITH SUBMITTED

(THIS FORM MUST BE SUBMITTED WITH THE BID)

TO: COOK COUNTY DEPARTMENT OF TRANSPORTATION AND HIGHWAYS

BID FOR: Hintz Road

BID OPENING DATE: 12/10/14

We deposit (subject to all condition of said proposal) the following described deposit check:

( ) Cashier's Check ( ) Bank Draft (X) Bid Bond ( ) Other

Drawn on: _____ **of** _____
Bank **City** **State**

Draft or Check Number: _____ **Date:** _____

Amount: $ 5% Bid Bond

Submitted by: R. W. Dunteman Company
Bidder
600 S. Lombard Road
Street Address
Addison IL 60101
City **State** **Zip Code**

DO NOT WRITE IN THE SPACES BELOW

The above described Deposit Check is:

( ) Held _____ **Date** _____
( ) Mailed _____ **Date** _____
( ) Delivered To _____ **Date** _____
( ) Bond Substituted _____ **Date** _____
( ) Bond Mailed To _____ **Date** _____