



**NOTICE TO BIDDERS,
SPECIFICATIONS, CONTRACT
AND CONTRACT BOND
FOR
HIGHWAY IMPROVEMENT
County of Cook, Illinois**

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

Toni Preckwinkle
Cook County Board President

Shannon E. Andrews
Acting Chief Procurement Officer

Letting: January 30, 2013

**Known as GROUP 2 - 2013
Arlington Heights Road - Brantwood Avenue to Higgins Road
Section 12-V6938-05-RS, Route V69
Roselle Road - Euclid Avenue to Palatine Road
Section 12-V6043-05-SD, Route V60

Cook County Purchasing Contract No.: 13-28-021**

NOTICE TO PROSPECTIVE BIDDERS: BIDDERS MUST RETURN THE ENTIRE BID

The Specifications can be downloaded at <http://198.65.148.209/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://130.94.31.166/> (user name: highway; password ftpt3st)

Pre-Bid Meeting: Tuesday, January 15, 2013
Cook County Department of Transportation and Highway
69 W. Washington Street, Suite 2260
Chicago, Illinois 60602

All questions are due on **Friday, January 18, 2013** no later than 3:00pm Chicago time

Send all questions via e-mails to: cho.ng@cookcountyil.gov – Cho Ng, Senior Contract Negotiator

Bid Submitted by: Bid Bond is included A Cashier's Check or a Certified Check is Included

Name _____ Phone No. _____

Address _____

City _____ State _____ Zip Code _____

**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
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.

COUNTY OF COOK

CHICAGO, ILLINOIS
NOTICE

TO CONTRACTORS FOR A COOK COUNTY DEPARTMENT OF TRANSPORTATION AND HIGHWAYS IMPROVEMENT

Notice is hereby given that sealed bids for a Department of Transportation and Highways 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. Wednesday, January 30, 2013 and then publicly opened and read aloud

Improvement:

GROUP 2 - 2013

ARLINGTON HEIGHTS ROAD

From: Brantwood Avenue To: Higgins Road

Township: Elk Grove

Route: V69

Section: 12-V6938-05-RS

ROSELLE ROAD

From: Euclid Avenue To: Palatine Road

Township: Palatine

Route: V60

Section: 12-V6043-05-SD

Cook County Purchasing Contract No.: 13-28-021

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.

Section 12-V6938-05, RS - Arlington Heights Road from Brantwood Avenue to Higgins Road begins at Sta. 10+00, a point on the centerline of Arlington Heights Road approximately one half mile north of Biesterfield Road and 225 feet southerly of Brantwood Avenue. The project continues northerly to Cosman Avenue (Sta. 18+59.37) where it turns northeasterly to the Salt Creek Bridge where there is an omission from Sta. 22+7.16 to 23+72.66. The project continues northeasterly to Oakton Road (Sta. 75+56.82) where the roadway turns northerly and ends at Sta. 91+98.86, a point on the centerline of Arlington Heights Road approximately 651 feet southerly of the centerline of Higgins Road. This project has a length of 8198.86 feet (1.55 miles) of which 8033.06 feet (1.52 miles) are to be improved, and lies within the Village of Elk Grove and Cook County Forest Preserve District in Unincorporated Cook County and Elk Grove Township, Cook County, Illinois.

Section 12-V6043-05-SD - Roselle Avenue from Euclid Avenue to Palatine Road begins at Sta. 21+86.53, a point on the centerline of Roselle Road approximately 1,170 feet north of the centerline of Euclid Avenue. The project continues north to Palatine Road and ends at Sta. 102+89.43, a point on the south edge of pavement on Palatine Road for a total and net distance 8102.9 feet (1.53 miles) to be improved. This improvement lies within the Villages of Inverness and Palatine in Palatine Township, Cook County, Illinois.

DESCRIPTION OF IMPROVEMENT

Group 2-2013 is a QA/QC project.

It is the intent of Contract Section 12-V6938-05-RS to provide for the rehabilitation of Arlington Heights road from Brantwood Avenue to Higgins Road. The improvement provides for the removal of the existing hot-mix asphalt surface to a depth of 3 inches, full-depth patching of distressed concrete pavement with Class C Patches (10 inches), Reflective Crack Control Treatment, and resurfacing with Polymerized Leveling Binder (Machine Method), IL-19.0, N70 (3/4 inch) and Polymerized Hot-Mix Asphalt Surface Course, IL 9.5) Mix "F", N90 (2 1/4 inch). Also included in the improvement are resurfacing of the intersections; removal and replacement of damaged median including Types C-4, M-7, and barrier median; removal and replacement of damaged combination curb and gutter; guardrail removal and/or replacement; and, pavement striping. In addition, sidewalk will be selectively removed and replaced including ADA detectable warnings. Other work will include landscaping, traffic protection and other related road works.

It is the intent of Contract Section 12-V6043-05-SD to provide for the replacement of existing asphalt shoulder on both sides of Roselle road from Euclid Avenue to Palatine Road. The work will include the removal of the existing shoulder to 6 inches deep and replacement with Hot-Mix Asphalt Shoulder, 6 inch. Other work will include drainage repairs, landscaping, and traffic protection.

PERFORMANCE AND PAYMENT BOND TO THE COUNTY OF COOK

Know All Men by These Presents, That we, _____
as principle, and _____
_____, as surety, are
held and firmly bound unto the County of Cook in the penal sum of _____
_____ Dollars (\$) _____), 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 _____ day of _____ A.D. 20 _____.

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 2 - 2013, ARLINGTON HEIGHTS ROAD from Brantwood Avenue to Higgins Road, Township of
Elk Grove, Route: V69, Section 12-V6938-05-RS and **ROSELLE ROAD** from Euclid Avenue to Palatine
Road, Township of Palatine, Route V60, Section 12-V6043-05-SD. Cook County Contract No. 13-28-021

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.

PRINCIPAL/CONTRACTOR SEAL

By _____
PRESIDENT SECRETARY

SURETY SEAL

By _____
SURETY/ATTORNEY-IN-FACT (ATTACH POWER OF ATTORNEY) AMB# NAIC#

Approved as to form:

By: _____
ASSISTANT STATES ATTORNEY
PW5.18

**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 # 13-28-021; **GROUP 2 – 2013, ARLINGTON HEIGHTS ROAD** from Brantwood Avenue to Higgins Road, Township of Elk Grove, Route: V69, Section 12-V6938-05-RS and **ROSELLE ROAD** from Euclid Avenue to Palatine Road, Township of Palatine, Route V60, Section 12-V6043-05-SD 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 County Superintendent of Highways of Cook County, Illinois, and under the direction and to the satisfaction of the said County Superintendent of 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 County Superintendent of 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 County Superintendent of Highways of the County of Cook to commence operations on a specified date. The undersigned agrees to start construction operations on the date so specified and to complete the proposed improvement in full compliance with the contract on or before July 31, 2013.

The County Superintendent of 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 County Superintendent of 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 County Superintendent of Highways to protect said County in its payments, and any such statement shall not be binding upon said County Superintendent of 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 County Superintendent of 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 County Superintendent of 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 County Superintendent of 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 County Superintendent of 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.

Contractor Name: _____

Project:

Arlington Heights Road

& Roselle Road

Group 2, 2013

SCHEDULE OF PRICES

Section No.: _____

ITEM NO.	QUANTITIES	UNIT	PAY ITEM	UNIT COST	TOTAL COST
1	1,900	CU. YD.	EARTH EXCAVATION	\$ -	\$ -
2	100	CU. YD.	FURNISHED EXCAVATION	\$ -	\$ -
3	110	POUND	NITROGEN FERTILIZER NUTRIENT	\$ -	\$ -
4	110	POUND	PHOSPHOROUS FERTILIZER NUTRIENT	\$ -	\$ -
5	110	POUND	POTASSIUM FERTILIZER NUTRIENT	\$ -	\$ -
6	1.22	ACRE	SEEDING, CLASS 2A	\$ -	\$ -
7	300	SQ. YD.	SODDING, SALT TOLERANT	\$ -	\$ -
8	10	UNIT	SUPPLEMENTAL WATERING	\$ -	\$ -
9	6,550	SQ. YD.	TOPSOIL FURNISH AND PLACE, 4 IN	\$ -	\$ -
10	6,150	SQ. YD.	EROSION CONTROL BLANKET	\$ -	\$ -
11	225	EACH	INLET FILTERS	\$ -	\$ -
12	200.4	TON	AGGREGATE (PRIME COAT)	\$ -	\$ -
13	100	TON	AGGREGATE BASE COURSE, TYPE B	\$ -	\$ -
14	1	L.SUM	CRUSHED STONE (TEMPORARY USE)	\$ -	\$ -
15	470	TON	SUBBASE GRANULAR MATERIAL, TYPE B	\$ -	\$ -
16	10,018	GAL.	BITUMINOUS MATERIALS (PRIME COAT)	\$ -	\$ -
17	2	EACH	CONSTRUCTING TEST STRIP	\$ -	\$ -
18	1,900	FOOT	CUTTING HOT-MIX ASPHALT SURFACE	\$ -	\$ -
19	100	SQ. YD.	HOT-MIX ASPHALT BASE COURSE, 9 IN	\$ -	\$ -
20	90	SQ. YD.	HOT-MIX ASPHALT PAVEMENT (FULL DEPTH) 12 IN	\$ -	\$ -
21	320	SQ. YD.	HOT-MIX ASPHALT SHOULDERS, 12 IN	\$ -	\$ -
22	7,510	SQ. YD.	HOT-MIX ASPHALT SHOULDERS, 6 IN	\$ -	\$ -
23	42	TON	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50	\$ -	\$ -
24	50,000	SQ. YD.	HOT-MIX ASPHALT SURFACE REMOVAL, 3 IN	\$ -	\$ -
25	6,500	TON	POLYMERIZED HOT-MIX ASPHALT, MIX "F", IL-9.5 N90	\$ -	\$ -
26	2,200	TON	POLYMERIZED LEVELING BINDER (MACHINE METHOD) IL-4.75, N70	\$ -	\$ -
27	930	FOOT	TEMPORARY BUTT JOINTS	\$ -	\$ -
28	100	SQ. YD.	PORTLAND CEMENT CONCRETE BASE COURSE, 10 IN	\$ -	\$ -
29	124	SQ. YD.	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 IN	\$ -	\$ -
30	1,100	SQ. FT.	PORTLAND CEMENT CONCRETE SIDEWALK, 5 IN	\$ -	\$ -
31	6,350	SQ. YD.	PROTECTIVE COAT	\$ -	\$ -
32	2,110	FOOT	COMBINATION CURB AND GUTTER REMOVAL	\$ -	\$ -
33	124	SQ. YD.	DRIVEWAY PAVEMENT REMOVAL	\$ -	\$ -
34	800	SQ. FT.	MEDIAN REMOVAL	\$ -	\$ -
35	490	SQ. YD.	PAVEMENT REMOVAL	\$ -	\$ -

Contractor Name: _____

SCHEDULE OF PRICES

ITEM NO.	QUAN-TITIES	UNIT	PAY ITEM	UNIT COST	TOTAL COST
36	1,100	SQ. FT.	SIDEWALK REMOVAL	\$ -	\$ -
37	520	SQ. YD.	CLASS C PATCHES, TYPE I, 10 IN	\$ -	\$ -
38	2,200	SQ. YD.	CLASS C PATCHES, TYPE II, 10 IN	\$ -	\$ -
39	1,580	SQ. YD.	CLASS C PATCHES, TYPE III, 10 IN	\$ -	\$ -
40	670	SQ. YD.	CLASS C PATCHES, TYPE IV, 10 IN	\$ -	\$ -
41	5	SQ. YD.	PAVEMENT REPLACEMENT	\$ -	\$ -
42	50,000	SQ. YD.	REFLECTIVE CRACK CONTROL TREATMENT	\$ -	\$ -
43	10,500	FOOT	CRACK AND JOINT ROUTING AND SEALING	\$ -	\$ -
44	200	SQ. FT.	DETECTABLE WARNINGS	\$ -	\$ -
45	100	FOOT	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	\$ -	\$ -
46	1,100	FOOT	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	\$ -	\$ -
47	1,010	FOOT	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12	\$ -	\$ -
48	800	SQ. FT.	CONCRETE MEDIAN, TYPE C-4	\$ -	\$ -
49	6	CAL.MO.	ENGINEER'S FIELD OFFICE, TYPE A	\$ -	\$ -
50	675	FOOT	GUARDRAIL REMOVAL	\$ -	\$ -
51	812.5	FOOT	STEEL PLATE BEAM GUARDRAIL, TYPE A	\$ -	\$ -
52	1	EACH	TRAFFIC BARRIER TERMINAL, TYPE 1, SPECIAL	\$ -	\$ -
53	2	EACH	TRAFFIC BARRIER TERMINAL, TYPE 2	\$ -	\$ -
54	30	FOOT	STORM SEWERS, TYPE 1 (RCCP CLASS IV) 12 IN	\$ -	\$ -
55	3	EACH	CATCH BASINS TO BE RECONSTRUCTED	\$ -	\$ -
58	5	EACH	CATCH BASINS, TYPE A2, 4 FT DIA WITH FRAME AND GRATE	\$ -	\$ -
57	10	EACH	FRAMES AND GRATES TO BE ADJUSTED	\$ -	\$ -
58	5	EACH	FRAMES AND GRATES, TYPE 24V	\$ -	\$ -
59	5	EACH	FRAMES AND LIDS TO BE ADJUSTED	\$ -	\$ -
60	25	EACH	FRAMES AND LIDS TO BE ADJUSTED, SPECIAL	\$ -	\$ -
61	5	EACH	FRAMES AND LIDS, TYPE 1 (CLOSED)	\$ -	\$ -
62	5	EACH	FRAMES AND LIDS, TYPE 1 (OPEN)	\$ -	\$ -
63	20	EACH	WATERPROOFING SANITARY FRAMES AND LIDS TO BE ADJUSTED, SPECIAL	\$ -	\$ -
84	5	EACH	INLETS, TYPE A, WITH FRAMES AND GRATES	\$ -	\$ -
65	3	EACH	MANHOLES TO BE RECONSTRUCTED	\$ -	\$ -
66	5	CU. YD.	TRENCH BACKFILL	\$ -	\$ -
67	10	EACH	CLEANING EXISTING CATCH BASINS	\$ -	\$ -
68	100	FOOT	CLEANING EXISTING STORM SEWERS, 12 IN	\$ -	\$ -
69	16	CAL. MO.	CHANGABLE MESSAGE SIGN	\$ -	\$ -
70	5	EACH	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	\$ -	\$ -

Project: Arlington Heights Road
& Roselle Road
Group 2, 2013

Contractor Name: _____

SCHEDULE OF PRICES

Section No.: _____

ITEM NO.	QUAN-TITIES	UNIT	PAY ITEM	UNIT COST	TOTAL COST
71	1	L.SUM	TRAFFIC PROTECTION	\$ -	\$ -
72	6,900	FOOT	PAVEMENT MARKING TAPE, TYPE III, 4 IN	\$ -	\$ -
73	310	EACH	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	\$ -	\$ -
74	310	EACH	REPLACEMENT OF RAISED REFLECTIVE PAVEMENT MARKER	\$ -	\$ -
75	650	SQ. FT.	THERMOPLASTIC PAVEMENT MARKING-LETTERS AND SYMBOLS	\$ -	\$ -
76	1,370	FOOT	THERMOPLASTIC PAVEMENT MARKING-LINE 12 IN	\$ -	\$ -
77	370	FOOT	THERMOPLASTIC PAVEMENT MARKING-LINE 24 IN	\$ -	\$ -
78	37,400	FOOT	THERMOPLASTIC PAVEMENT-MARKING-LINE 4 IN	\$ -	\$ -
79	2,600	FOOT	THERMOPLASTIC PAVEMENT-MARKING-LINE 6 IN	\$ -	\$ -
80	3,800	FOOT	THERMOPLASTIC PAVEMENT-MARKING-LINE 8 IN	\$ -	\$ -
81	1,800	FOOT	DETECTOR LOOP, TYPE 1	\$ -	\$ -
82	5	EACH	CATCH BASINS, TYPE C, 2 FT DIA WITH FRAME AND GRATE	\$ -	\$ -
83	100,000	UNIT	CONTRACT EXTRA WORK	\$ 1.00	\$ 100,000.00
TOTAL				\$	\$ -

SUMMARY OF QUANTITIES

PROJECT NO.	1000000000
SECTION	1000000000
DATE	10/10/2003
BY	1000000000
APP'D	1000000000
DATE	10/10/2003

ITEM NO.	QUANTITY	UNIT	PAY ITEM
68	100	100	CLEANING EXISTING STORM SEWERS, 12 IN
69	16	14	CHANGABLE MESSAGE SIGN
70	5	4	MAINTENANCE OF EXISTING TRAFFIC SIGNAL
71	1	0.8	INSTALLATION
72	6,900	0.2	TRAFFIC PROTECTION
73	310	310	PAVEMENT MARKING TAPE, TYPE III, 4 IN
74	310	310	PAVEMENT MARKING TAPE, TYPE III, 4 IN
75	310	310	REPLACEMENT OF RAISED REFLECTIVE PAVEMENT MARKER
76	650	650	REPLACEMENT OF RAISED REFLECTIVE PAVEMENT MARKER
77	1,370	1,370	THEMOPLASTIC PAVEMENT MARKING-LETTERS AND SYMBOLS
78	310	310	THEMOPLASTIC PAVEMENT MARKING-LINE 12 IN
79	310	310	THEMOPLASTIC PAVEMENT MARKING-LINE 24 IN
80	3,600	3,600	THEMOPLASTIC PAVEMENT MARKING-LINE 4 IN
81	1,800	1,800	THEMOPLASTIC PAVEMENT MARKING-LINE 6 IN
82	5	5	THEMOPLASTIC PAVEMENT MARKING-LINE 8 IN
83	100,000	100,000	THEMOPLASTIC PAVEMENT MARKING-LINE 8 IN
			CONTRACT EXTRA WORK

ITEM NO.	QUANTITY	UNIT	PAY ITEM
1	1,900	1,800	EARTH EXCAVATION
2	100	100	FURNISHED EXCAVATION
3	100	100	NITROGEN FERTILIZER NUTRIENT
4	100	100	PHOSPHORUS FERTILIZER NUTRIENT
5	100	100	POTASSIUM FERTILIZER NUTRIENT
6	122	12	ACRE SEEDING CLASS 2A
7	300	300	SODDING SALT TOLERANT
8	10	10	SUPPLEMENTAL WATERING
9	6,550	1,650	TOPSOIL FURNISH AND PLACE, 4 IN
10	422	35	EROSION CONTROL BLANKET
11	204	0.1	INLET FILTERS
12	204	0.1	AGGREGATE BASE COURSE, TYPE B
13	1	1	LSUM CRUSHED STONE (TEMPORARY USE)
14	1	1	LSUM CRUSHED STONE (TEMPORARY USE)
15	470	320	SUBBASE GRANULAR MATERIAL, TYPE B
16	10,018	18	BITUMINOUS MATERIALS PRIME COAT#1
17	2	1	CONSTRUCTING TEST STRIP
18	1,900	900	CUTTING HOT-MIX ASPHALT SURFACE
19	100	100	HOT-MIX ASPHALT BASE COURSE, 9 IN
20	30	30	HOT-MIX ASPHALT PAVEMENT FULL DEPTH 12 IN
21	30	30	HOT-MIX ASPHALT SHOULDER, 12 IN
22	7,610	300	HOT-MIX ASPHALT SURFACE COURSE, MIX "D"
23	42	42	HOT-MIX ASPHALT SURFACE COURSE, MIX "D"
24	50,000	50,000	HOT-MIX ASPHALT SURFACE REMOVAL, 3 IN
25	6,500	6,500	POLYMERIZED HOT-MIX ASPHALT, MIX "F"
26	2,200	2,200	POLYMERIZED LEVELING BINDER (W/ACRHE METHOD)
27	930	930	PORTLAND CEMENT CONCRETE
28	100	100	PORTLAND CEMENT CONCRETE
29	124	124	PORTLAND CEMENT CONCRETE
30	1,100	1,100	PORTLAND CEMENT CONCRETE SIDEWALK, 5 IN
31	6,350	6,000	PROTECTIVE COAT
32	2,310	1,500	COMBINATION CURB AND GUTTER REMOVAL
33	600	600	DRIVEWAY PAVEMENT REMOVAL
34	600	600	PAVEMENT REMOVAL
35	450	400	PAVEMENT REMOVAL
36	1,100	1,100	PAVEMENT REMOVAL
37	520	520	CLASS C PATCHES, TYPE I, 10 IN
38	2,200	2,200	CLASS C PATCHES, TYPE II, 10 IN
39	1,580	1,580	CLASS C PATCHES, TYPE III, 10 IN
40	670	670	CLASS C PATCHES, TYPE IV, 10 IN
41	5	5	PAVEMENT REPLACEMENT
42	50,000	50,000	REFLECTIVE CRACK CONTROL TREATMENT
43	19,500	19,500	REFLECTIVE CRACK SEALING AND SEALING
44	200	200	REFLECTIVE CRACK SEALING AND SEALING
45	100	100	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
46	1,100	1,100	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
47	1,010	200	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
48	800	800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
49	6	5	ENGINEERS FIELD OFFICE, TYPE A
50	875	875	ENGINEERS FIELD OFFICE, TYPE A
51	812.5	812.5	STEEL PLATE BEAM GUARDRAIL, TYPE A
52	1	1	TRAFFIC BARRIER TERMINAL, TYPE 1, SPECIAL
53	2	2	TRAFFIC BARRIER TERMINAL, TYPE 2
54	30	30	STORM SEWERS, TYPE 1 (RCCP CLASS IV) 12 IN
55	3	3	CATCH BASINS, TYPE 1 (RCCP CLASS IV) 12 IN
56	5	5	CATCH BASINS, TYPE 2, 4 FT DIA WITH FRAME
57	10	5	FRAMES AND GRATES TO BE ADJUSTED
58	5	5	FRAMES AND GRATES, TYPE 2AV
59	5	5	FRAMES AND LIDS TO BE ADJUSTED
60	25	25	FRAMES AND LIDS TO BE ADJUSTED, SPECIAL
61	5	5	FRAMES AND LIDS, TYPE 1 (CLOSED)
62	5	5	FRAMES AND LIDS, TYPE 1 (OPEN)
63	20	20	FRAMES AND LIDS, TYPE 1 (CLOSED)
64	5	5	FRAMES AND LIDS, TYPE 1 (CLOSED)
65	3	3	FRAMES AND LIDS, TYPE 1 (CLOSED)
66	5	5	FRAMES AND LIDS, TYPE 1 (CLOSED)
67	10	10	FRAMES AND LIDS, TYPE 1 (CLOSED)

COUNTY OF COOK
DEPARTMENT OF TRANSPORTATION AND HIGHWAYS
GROUP 2-203
SUMMARY OF QUANTITIES

COMPUTED BY: J.L.G. CHECKED BY: J.L.G. DATE: 10/10/2003
DRAWN BY: J.L.G. DATE: 10/10/2003

NAME	EMAIL	ORGANIZATION	PHONE #
KARL PETERSON		COOK COUNTY	7126031714
BOB BIAJEK		ALAMB Concrete	847 891 600
TIMOTHY PETERSON		COOK COUNTY	812 603-1714
LORUSSO		LORUSSO CEMENT CO.	630-231-9000
FRANK WILLIAMS		COOK COUNTY	312-603-1745
OCTAVIO PADILLA		"	"
JEFF KOLMODIN		GALLAGHER ASPHALT	7088777160
John Beussel		Cook County	312 603 1704
Keith Arguilla		D CONSTRUCTION INC	708-335-2323
JAY MANN		PAN-OCEANIC Bldg.	708-774-29
Jim Laughlin		Cook County	312-603-1803
Tom Lawton III		Cook County	312-603-1829
SERGIO SILVA	@COOKCOUNTYIL.GOV		(312) 603-5574
BOB MACK		COOK COUNTY	312-603-1711
JARRIE L. BROWN		COOK COUNTY Bd. of Ethics	312-603-1128

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18	2	Bidding Requirements and Conditions For Contract Proposals
23	3	Pre-Bid Meeting
24	4	Wages of Employees on Public Works
25	4a	Cook County Prevailing Wages
32	5	Alternate Proposal/Ordinance
33	6	Responsible Bidder Requirement (Non-Federal Aid)
34	8a	Required Disadvantaged Business Participation (DBE)
46	9	Specific Equal Employment Opportunity Responsibilities (Non-Federal Aid)
57	10	Insurance Requirements
59	12a	Indemnification for Cook County
60	13	Joint Venture Forms
66	14	Addendum Receipt
67	16	Combination Bidding Process
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70	23	Contract Claims
71	24	Pre-Construction Conference
72	25	Mobilization
73	27	Diesel Vehicle Emissions Control (Green Construction Ordinance)
80	31	Engineer's Field Office
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85	45	Managing Concrete Waste
89	50	Dowel Bars
90	58	Pavement Thickness Deficiency
91	63	Crushed Stone (Temporary Use)
92	70	Traffic Barrier Terminal, Type 1, Special
93	71	Scheduling and Landscaping
94	72	Cutting Hot-Mix Asphalt Surface
95	74	Temporary Butt Joints
96	82	Reflective Crack Control Treatment
100	175	Lids and Frames and Lids
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109	194	Waterproofing of Existing Sanitary Manholes
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111	212	Sodding
112	227	Work Zone Traffic Control Surveillance
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140	400	Hot Mix Asphalt Mixture (L-4.75 (Dist. 1)
142	401	Friction Surface Aggregate (Dist. 1)
145	402	Reclaimed Asphalt Pavement and Reclaimed Asphalt Shingles
156	403	Surface Testing of Hot-Mix Asphalt Overlays
157	404	Crack and Joint Routing and Sealing
158	C	Proposal Sheet
159	E	Economic Disclosure Statement: Instructions, IDOT Certificate of Eligibility, IDOT Affidavit of Availability, *DBE Participation Statement, DBE Utilization Plan, Letter of Intent from DBEs, Petition for Reduction/Waiver of DBE Participation Goals, Contractor Certifications, Economic and Other Disclosures, *Contractor's Certificate Concerning Labor Standards, *Sub-Contractor's Certificate Concerning Labor Standards, Execution Pages
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186	G1	Trust Agreement
189	H	Performance and Payment of Bond Form
190	I	Contract
193	J	Schedule of Prices Sheets
196	K	Proposal Bid Bond
197	L	Bid Deposit Form

COUNTY OF COOK
CHICAGO, ILLINOIS
NOTICE

TO CONTRACTORS FOR A COOK COUNTY DEPARTMENT OF TRANSPORTATION AND HIGHWAYS IMPROVEMENT

Notice is hereby given that sealed bids for a Department of Transportation and Highways 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. Wednesday, January 30, 2013 and then publicly opened and read aloud

Improvement: GROUP 2 - 2013

ARLINGTON HEIGHTS ROAD

*From: Brantwood Avenue To: Higgins Road
Township: Elk Grove
Route: V69
Section: 12-V6938-05-RS*

ROSELLE ROAD

*From: Euclid Avenue To: Road
Township: Palatine
Route: V60
Section: 12-V6043-05-SD*

Cook County Purchasing Contract No.: 13-28-021

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.

Section 12-V6938-05, RS - Arlington Heights Road from Brantwood Avenue to Higgins Road begins at Sta. 10+00, a point on the centerline of Arlington Heights Road approximately one half mile north of Biesterfield Road and 225 feet southerly of Brantwood Avenue. The project continues northerly to Cosman Avenue (Sta. 16+59.37) where it turns northeasterly to the Sall Creek Bridge where there is an omission from Sta. 22+7.16 to 23+72.66. The project continues northeasterly to Oakton Road (Sta. 75+56.82) where the roadway turns northerly and ends at Sta. 91+98.86, a point on the centerline of Arlington Heights Road approximately 651 feet southerly of the centerline of Higgins Road. This project has a length of 8198.86 feet (1.55 miles) of which 8033.06 feet (1.52 miles) are to be improved, and lies within the Village of Elk Grove and Cook County Forest Preserve District in Unincorporated Cook County and Elk Grove Township, Cook County, Illinois.

Section 12-V6043-05-SD - Roselle Avenue from Euclid Avenue to Palatine Road begins at Sta. 21+86.53, a point on the centerline of Roselle Road approximately 1,170 feet north of the centerline of Euclid Avenue. The project continues north to Palatine Road and ends at Sta. 102+89.43, a point on the south edge of pavement on Palatine Road for a total and net distance 8102.9 feet (1.53 miles) to be improved. This improvement lies within the Villages of Inverness and Palatine in Palatine Township, Cook County, Illinois

DESCRIPTION OF IMPROVEMENT

Group 2-2013 is a QA/QC project.

It is the intent of Contract Section 12-V6938-05-RS to provide for the rehabilitation of Arlington Heights road from Branwood Avenue to Higgins Road. The improvement provides for the removal of the existing hot-mix asphalt surface to a depth of 3 inches, full-depth patching of distressed concrete pavement with Class C Patches (10 inches), Reflective Crack Control Treatment, and resurfacing with Polymerized Leveling Binder (Machine Method), II-19.0, N70 (3/4 inch) and Polymerized Hot-Mix Asphalt Surface Course, IL 9.5 Mix "F", N90 (2 1/4 inch). Also included in the improvement are resurfacing of the intersections; removal and replacement of damaged median including Types C-4, M-7, and barrier median; removal and replacement of damaged combination curb and gutter; guardrail removal and/or replacement; and, pavement striping. In addition, sidewalk will be selectively removed and replaced including ADA detectable warnings. Other work will include landscaping, traffic protection and other related road works.

It is the intent of Contract Section 12-V6043-05-SD to provide for the replacement of existing asphalt shoulder on both sides of Roselle road from Euclid Avenue to Palatine Road. The work will include the removal of the existing shoulder to 6 inches deep and replacement with Hot-Mix Asphalt Shoulder, 6 inch. Other work will include drainage repairs, landscaping, and traffic protection.

**COOK COUNTY DEPARTMENT OF TRANSPORTATION AND HIGHWAY
SPECIAL PROVISION CHECK LIST**

EFFECTIVE January 1, 2013 V 2013.1

Group 2-2013

Arlington Heights Road-Brantwood Avenue to Higgins Road; Section: 12-V6938-05-RS and
Roselle Road-- Euclid Avenue to Palatine Road; Section: 12-V6043-05-SD

<u>No.</u>	<u>Description</u>	<u>Origin and Date Last Revised</u>
X	1 Definition of Terms, Information for Bidders	(CC) Dec. 27, 2012
X	2 Bidding Requirements and Conditions For Contract Proposals	(IL-CC) Nov. 15, 2012
X	3 * Pre-Bid Meeting	(CC) Nov. 15, 2012
X	4 * Wages of Employees on Public Works	(IL-CC) Dec. 28, 2009
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) Jan. 3, 2012
X	8a * Required Disadvantaged Business Participation (DBE)	(IL-CC) Nov. 15, 2012
	8b *MBE/WBE Business Participation	(CC) Jan. 26, 2012
X	9 Specific Equal Employment Opportunity Responsibilities (Non-Federal Aid)	(IL-CC) Nov. 15, 2012
X	10 Insurance Requirements	(CC) Nov. 15, 2012
	10a Township Insurance Requirements	(CC) Nov. 15, 2012
	11 * Railroad Protective Liability Insurance	(IL-CC) Dec. 28, 2011
X	12a Indemnification for Cook County	(CC) Dec. 28, 2011
	12b Indemnification (Locals)	(CC) Jan. 23, 2012
X	13 Joint Venture Forms	(CC) Nov. 15, 2012
X	14 Addendum Receipt	(CC) Dec. 28, 2009
	15 ARRA Provisions	(IL) Current
X	16 * Combination Bidding Process	(IL-CC) Jan. 1, 2006
X	17a Prompt Pay Mechanisms (Non-Federal Aid)	(CC) Dec. 27, 2012
	18- Not Used	
	22	
X	23 Contract Claims	(IL-CC) Mar. 19, 2012
X	24 Pre-Construction Conference	(CC) Mar. 18, 1980
X	25 Mobilization	(CC) Oct. 20, 2009
X	27 Construction Air Quality Diesel Vehicle Emissions Control (Green Construction Ordinance)	(CC) Dec. 1, 2009
	29 Construction Layout Stakes and Survey Control Points	(CC) July 1, 2012
	30 * Municipal Coordination/Transfer of Jurisdiction and/or Maintenance	(CC) July 15, 2000
X	31 Engineer's Field Office	(CC) July 1, 2012
X	32 Construction Debris	(CC) July 1, 2006
	33 *Clean Construction and Demolition Debris	(CC) July 1, 2012

	<u>No.</u>	<u>Description</u>	<u>Origin and Date Last Revised</u>
	34- 44	Not Used	
	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
	53	Diamond Grinding Concrete Pavement	(CC) Jan. 1, 2007
	54	Saw Cutting Concrete Overlay	(CC) Jan. 1, 2007
	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
X	58	Pavement Thickness Deficiency	(CC) Mar. 1, 2008
	59	Survey Monuments	(CC) April 1, 2008
	60	Soils Information	(CC) July 1, 2012
	61	Stockpiled Embankment	(CC) July 1, 2012
	62	Borrow Excavation	(CC) July 1, 2000
X	63	Crushed Stone (Temporary Use)	(CC) Jan 1, 2008
	64	Aggregate Subgrade, (12 INCH)	(IL) Current
	65	Expanded Polystyrene Fill	(CC) May 1, 2003
	66	Cellular Concrete Fill	(CC) July 1, 2006
	67	GEO-GRID Subgrade Reinforcing Mat	(CC) May 1, 2003
	68	Earth Excavation (Special)	(CC) July 1, 2011
	69	P.C.C. Surface Finish	(CC) April 7, 2010
X	70	Traffic Barrier Terminal, Type 1, Special	(IL-CC) Jan. 1, 2008
X	71	*Scheduling and Landscaping	(CC) January 1, 2008
X	72	Cutting Hot-Mix Asphalt Surface	(CC) Jan. 1, 2008
	73	Hot-Mix- Asphalt Driveway Surface Removal	(CC) July 1, 2012
X	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
	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
			Origin and Date

	<u>No.</u>	<u>Description</u>	<u>Last Revised</u>
	80	Temporary By-Pass Pavement (Non-Federal Aid)	(CC) Jan 1, 2008
	81	Temporary By-Pass Pavement (Federal Aid)	(CC) July 1, 2011
X	82	Reflective Crack Control Treatment	(CC) Jan. 1, 2012
	83-116	Not Used	
	117	Approach Slab Repair	(IL-CC) Oct. 4, 2011
	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) Aug. 19, 2011
	130	Silicone Bridge Joint Sealer	(IL) Current
	131	Not Used	
	132	Deck Slab Repair	(IL) Current
	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
	148	Sheet Waterproofing Membrane System	(CC) Nov. 19, 1999
	149	Chain Link Fence (Modified)	(CC) Jan. 1, 2004
			Origin and Date

<u>No.</u>	<u>Description</u>	<u>Last Revised</u>
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) Dec. 21, 2007
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) Dec. 1, 2007
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) July 1, 2012
183	Frames and Lids to be Adjusted, Special (Pavement Recycling)	(CC) January 1, 2013
184	Not Used	
X 185	* Cooperation With Utilities	(CC) Feb. 10, 2012
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
189	Valve Vaults to be Removed	(CC) Dec. 21, 2009
190	Water Main Installation	(CC) Dec. 1, 2009

Origin and Date

	<u>No.</u>	<u>Description</u>	<u>Last Revised</u>
	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, 2012
	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) Sept. 1, 2002
	213	Trees To Be Planted	(CC) Jan 1, 2008
	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
	229	Modified Urethane Pavement Marking (BDE)	(IL) Current
	230	Sign Identification Decal	(CC) Jan. 1, 2012
X	231	Traffic Protection	(CC) July 1, 2012
	232- 235	Not Used	
X	236	Project Signs Plaque	(CC) December 1, 2009
	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) June 1, 2012
	242	Construction at Railroad Crossing	(CC) June 1, 2012

Origin and Date

	<u>No.</u>	<u>Description</u>	<u>Last Revised</u>
	243	Signal Head, Optically Programmed Signal Head and Pedestrian Signal Head	(CC) June 1, 2012
	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) June 1, 2012
	251	Master Controller	(ILD1CC) June 1, 2012
X	252	Detector Loop	(ILD1CC) June 1, 2012
	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) June 1, 2012
	266	Handhole	(ILD1CC) June 1, 2012
	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
	271	Temporary Traffic Signal Installation	(ILD1CC) June 1, 2012
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) June 1, 2012
	278	Optimize Traffic Signal System	(ILD1CC) June 1, 2012

Origin and Date

<u>No.</u>	<u>Description</u>	<u>Last Revised</u>
279	Median Removal and Replacement	(CC) June 1, 2012
280	Sidewalk Removal and Replacement	(CC) June 1, 2012
281	Relocate Existing Light Standard and Luminaire Complete in Place	(CC) June 1, 2012
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
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)

- 004a Prevailing Wages for Cook County
- 185a Status of Utilities to be Adjusted-Arlington Heights Road
- 185b Status of Utilities-Roselle Road
- 400 Hot Mix Asphalt Mixture IL-4.75 (Dist. 1)
- 401 Friction Surface Aggregate (Dist. 1)
- 402 Reclaimed Asphalt Pavement and Reclaimed Asphalt Shingles
- 403 Surface Testing of Hot-Mix Asphalt Overlays
- 404 Crack and Joint Routing and Sealing

Additional Document Inclusions (Required)

*0 01	Cover Sheet	(CC) Dec. 27, 2012
*0 02	Notice Sheet	(CC) Nov 15, 2012
*C	Proposal Sheet	(CC) Jan 1, 2008
*E	Economic Disclosure Statement	(CC) Nov. 15, 2012

*Instructions, *DBE Documents, Contractor Certifications, Economic and Other Disclosures, *Contractor's Certificate Concerning Labor Standards, *Sub-Contractor's Certificate Concerning Labor Standards, Execution Pages*

F	Surety's Statement Of Qualification for Bonding	(CC) June 2, 2011
*G1	Trust Agreement	(CC) Nov. 15, 2012
*H	Performance and Payment of Bond Form	(CC) June 9, 2011
*I	Contract	(CC) Nov. 15, 2012
*J	Schedule of Prices Sheets	(CC) Dec. 28, 2011
*K	Proposal Bid Bond	(CC) Nov. 15, 2012
*L	Bid Deposit Form	(CC) Nov. 15, 2012

* 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 Highway Department
(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 Highway Department
(ILD1-CC)	Initiated by Illinois Department of Transportation District 1 and amended by Cook County Highway Department

<u>Initiating Bureau/Division</u>	<u>Cook County Highway Department Special Provision Catalog Number</u>
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
Electrical Division	241-300

BY ORDER
BOARD OF COUNTY COMMISSIONERS
THE COUNTY OF COOK
SHANNON E. ANDREWS
ACTING CHIEF PROCUREMENT OFFICER
JOHN J. YONAN, P.E.
SUPERINTENDENT OF DEPARTMENT OF TRANSPORTATION AND HIGHWAY
DEFINITION OF TERMS

PLANS. The plans herein referred to are those prepared by the County Superintendent of Department of Transportation and Highway. 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://198.65.148.209/purchasing/bids/listallhighway.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://130.94.31.166/> (user name: highway; 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 judgement 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 accepted by said Board of Cook County Commissioners shall execute a contract and furnish a satisfactory Performance and Payment 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 Performance and Payment 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 with the Bid:

Joint Venture Forms	1 original
Economic Disclosure Statement and Execution Documents:	
IDOT Certificate of Eligibility	1 copy
IDOT Affidavit of Availability	1 copy
DBE Utilization Plan	1 copy
(Note: If original cannot be provided a copy is acceptable.)	
DBE Participation Plan	1 copy
(Note: If original cannot be provided a copy is acceptable.)	
Letter of Intent from DBE to Perform as Subcontractor, Supplier and/or Consultant	1 copy
(Note: If original cannot be provided a copy is acceptable.)	
Petition for Reduction/Waiver of DBE Participation Goals	1 original
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 copy
Execution Pages:	
Sole Proprietor Signature Page	6 originals
Partnership and/or Joint Venture Signature Page	6 originals
Corporation Signature Page	6 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 within fourteen (14) calendar days:

Performance and Payment Bond	1 original
Owners, Contractor's and Protective (OCP) Liability Insurance Binder	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
Umbrella Liability Insurance	1 original
Railroad Protective Liability (when applicable)	1 original & 1 certified copy
Trust Agreement	1 original

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

**Cook County Department of Transportation and Highway
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 County Superintendent of Department of Transportation and Highway of Cook County 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 proposed 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:

	<u>Amount Bid</u>	<u>Proposal Guaranty</u>
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 for 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, January 15, 2013**

Time: 11 a.m.

Place: Cook County Highway Department
69 W. Washington Street
Suite 2260
Chicago, IL 60602

**SPECIAL PROVISION
FOR
WAGES OF EMPLOYEES ON PUBLIC WORKS**

This contract is subject to "An Act Regulating the Wages of all Laborers, Mechanics and Other Workers employed in any public works by the State, County, City or any public body or any political subdivision or by anyone under contract for public works", approved June 26, 1941, as amended, except that where a prevailing wage violates a Federal law, order, or ruling, the rate conforming to the Federal law, order or ruling shall govern.

If it is determined that the "prevailing rate of wages" will be used for this contract, the following conditions will be required:

Not less than the prevailing rate of wages as found by the (public body) or Department of Labor or determined by a court on review shall be paid to all laborers, workers and mechanics performing work under this contract. These prevailing rates of wages are included in this contract.

The Contractor and each subcontractor shall keep an accurate record showing the name and occupations of all laborers, workers and mechanics employed by them on this contract, and also showing the actual wages paid to each of such persons.

The submission by the Contractor and each subcontractor of payrolls, or copies thereof, is not required. However, the Contractor and each subcontractor shall preserve their weekly payroll records for a period of three (3) years from the date of completion of this contract.

If the Department of Labor revised the prevailing rate of hourly wages to be paid by the public body, the revised rate as provided by the public body shall apply to this contract.

Cook County Prevailing Wage for January 2013

(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			36.200	36.700	1.5	1.5	2.0	12.78	9.020	0.000	0.500
ASBESTOS ABT-MEC	BLD			34.160	36.660	1.5	1.5	2.0	10.82	10.66	0.000	0.720
BOILERMAKER	BLD			43.450	47.360	2.0	2.0	2.0	6.970	14.66	0.000	0.350
BRICK MASON	BLD			40.680	44.750	1.5	1.5	2.0	9.550	12.00	0.000	0.970
CARPENTER	ALL			41.520	43.520	1.5	1.5	2.0	13.19	11.75	0.000	0.530
CEMENT MASON	ALL			42.350	44.350	2.0	1.5	2.0	11.21	11.40	0.000	0.320
CERAMIC TILE FNSHER	BLD			34.440	0.000	2.0	1.5	2.0	9.700	6.930	0.000	0.610
COMM. ELECT.	BLD			37.500	40.150	1.5	1.5	2.0	8.420	9.980	1.100	0.700
ELECTRIC PWR EQMT OP	ALL			43.350	48.350	1.5	1.5	2.0	10.38	13.50	0.000	0.430
ELECTRIC PWR GRNDMAN	ALL			33.810	48.350	1.5	1.5	2.0	8.090	10.53	0.000	0.330
ELECTRIC PWR LINEMAN	ALL			43.350	48.350	1.5	1.5	2.0	10.38	13.50	0.000	0.430
ELECTRICIAN	ALL			42.000	44.800	1.5	1.5	2.0	12.83	13.07	0.000	0.750
ELEVATOR CONSTRUCTOR	BLD			48.560	54.630	2.0	2.0	2.0	11.03	11.96	2.910	0.000
FENCE ERECTOR	ALL			33.740	35.740	1.5	1.5	2.0	12.61	10.18	0.000	0.250
GLAZIER	BLD			39.500	41.000	1.5	2.0	2.0	11.99	14.30	0.000	0.840
HT/FROST INSULATOR	BLD			45.550	48.050	1.5	1.5	2.0	10.82	11.86	0.000	0.720
IRON WORKER	ALL			40.750	42.750	2.0	2.0	2.0	13.20	19.09	0.000	0.350
LABORER	ALL			36.200	36.950	1.5	1.5	2.0	12.78	9.020	0.000	0.500
LATHER	ALL			41.520	43.520	1.5	1.5	2.0	13.19	11.75	0.000	0.530
MACHINIST	BLD			43.550	46.050	1.5	1.5	2.0	6.130	8.950	1.850	0.000
MARBLE FINISHERS	ALL			29.700	0.000	1.5	1.5	2.0	9.550	11.75	0.000	0.620
MARBLE MASON	BLD			39.880	43.870	1.5	1.5	2.0	9.550	11.75	0.000	0.730
MATERIAL TESTER I	ALL			26.200	0.000	1.5	1.5	2.0	12.78	9.020	0.000	0.500
MATERIALS TESTER II	ALL			31.200	0.000	1.5	1.5	2.0	12.78	9.020	0.000	0.500
MILLWRIGHT	ALL			41.520	43.520	1.5	1.5	2.0	13.19	11.75	0.000	0.530
OPERATING ENGINEER	BLD 1			45.100	49.100	2.0	2.0	2.0	15.70	10.55	1.900	1.250
OPERATING ENGINEER	BLD 2			43.800	49.100	2.0	2.0	2.0	15.70	10.55	1.900	1.250
OPERATING ENGINEER	BLD 3			41.250	49.100	2.0	2.0	2.0	15.70	10.55	1.900	1.250
OPERATING ENGINEER	BLD 4			39.500	49.100	2.0	2.0	2.0	15.70	10.55	1.900	1.250
OPERATING ENGINEER	BLD 5			48.850	49.100	2.0	2.0	2.0	15.70	10.55	1.900	1.250
OPERATING ENGINEER	BLD 6			46.100	49.100	2.0	2.0	2.0	15.70	10.55	1.900	1.250
OPERATING ENGINEER	BLD 7			48.100	49.100	2.0	2.0	2.0	15.70	10.55	1.900	1.250
OPERATING ENGINEER	FLT 1			51.300	51.300	1.5	1.5	2.0	11.70	8.050	1.900	1.150
OPERATING ENGINEER	FLT 2			49.800	51.300	1.5	1.5	2.0	11.70	8.050	1.900	1.150
OPERATING ENGINEER	FLT 3			44.350	51.300	1.5	1.5	2.0	11.70	8.050	1.900	1.150
OPERATING ENGINEER	FLT 4			36.850	51.300	1.5	1.5	2.0	11.70	8.050	1.900	1.150
OPERATING ENGINEER	HWY 1			43.300	47.300	1.5	1.5	2.0	15.70	10.55	1.900	1.250
OPERATING ENGINEER	HWY 2			42.750	47.300	1.5	1.5	2.0	15.70	10.55	1.900	1.250
OPERATING ENGINEER	HWY 3			40.700	47.300	1.5	1.5	2.0	15.70	10.55	1.900	1.250
OPERATING ENGINEER	HWY 4			39.300	47.300	1.5	1.5	2.0	15.70	10.55	1.900	1.250
OPERATING ENGINEER	HWY 5			38.100	47.300	1.5	1.5	2.0	15.70	10.55	1.900	1.250
OPERATING ENGINEER	HWY 6			46.300	47.300	1.5	1.5	2.0	15.70	10.55	1.900	1.250
OPERATING ENGINEER	HWY 7			44.300	47.300	1.5	1.5	2.0	15.70	10.55	1.900	1.250
ORNAMNTL IRON WORKER	ALL			40.800	43.300	2.0	2.0	2.0	12.86	15.61	0.000	0.500
PAINTER	ALL			40.000	44.750	1.5	1.5	1.5	9.750	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
PILEDRIIVER	ALL			41.520	43.520	1.5	1.5	2.0	13.19	11.75	0.000	0.530
PIPEFITTER	BLD			45.050	48.050	1.5	1.5	2.0	8.460	14.85	0.000	1.780
PLASTERER	BLD			40.250	42.670	1.5	1.5	2.0	10.85	10.94	0.000	0.550
PLUMBER	BLD			45.000	47.000	1.5	1.5	2.0	12.53	10.06	0.000	0.880
ROOFER	BLD			38.350	41.350	1.5	1.5	2.0	8.080	8.220	0.000	0.430
SHEETMETAL WORKER	BLD			40.810	44.070	1.5	1.5	2.0	10.13	17.79	0.000	0.630
SIGN HANGER	BLD			29.460	29.960	1.5	1.5	2.0	4.800	2.980	0.000	0.000
SPRINKLER FITTER	BLD			49.200	51.200	1.5	1.5	2.0	10.25	8.200	0.000	0.450
STEEL ERECTOR	ALL			40.750	42.750	2.0	2.0	2.0	13.20	19.09	0.000	0.350

STONE MASON	BLD	40.680	44.750	1.5	1.5	2.0	9.550	12.00	0.000	0.970
TERRAZZO FINISHER	BLD	35.510	0.000	1.5	1.5	2.0	9.700	9.320	0.000	0.400
TERRAZZO MASON	BLD	39.370	42.370	1.5	1.5	2.0	9.700	10.66	0.000	0.550
TILE MASON	BLD	41.430	45.430	2.0	1.5	2.0	9.700	8.640	0.000	0.710
TRAFFIC SAFETY WRKR	HWY	28.250	29.850	1.5	1.5	2.0	4.896	4.175	0.000	0.000
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
TUCK POINTER	BLD	40.950	41.950	1.5	1.5	2.0	8.180	10.82	0.000	0.940

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)
 Pensa (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; Crusher, Stone, etc.; Derricks, All; Derricks, Traveling; Formless Curb and Gutter Machine; Grader, Elevating; Grouting Machines; 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; 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; 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; 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; Bobcats (up to and including 3/4 cu yd.) .

Class 4. Bobcats and/or other Skid Steer Loaders (other than bobcats up to and including 3/4 cu yd.); Oilers; and Brick Forklift.

Class 5. Assistant Craft Foreman.

Class 6. Gradall.

Class 7. Mechanics.

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: Crusher, Stone, etc.; Derricks, All; Derrick Boats; Derricks, Traveling; Dowell Machine with Air Compressor; Dredges; 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; Hydraulic Backhoes; Backhoes with shear attachments; 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; Soil Test Drill Rig (Truck Mounted); Straddle Buggies; Hydraulic Telescoping Form (Tunnel); Tractor Drawn Belt Loader (with attached pusher - two engineers); Tractor with Boom; Tractaire with Attachments; Trenching Machine; 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 tc 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; All Locomotives, Dinky; Off-Road Hauling Units (including articulating)/2 ton capacity or more; 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; Scoops - Tractor Drawn; Self-Propelled Compactor; Spreader - Chip - Stone, etc.; Scraper; Scraper - Prime Mover in Tandem (Regardless of Size); Tank Car Heater; Tractors, Push, Pulling 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.; Fireman on Boilers; 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); Hydro- Blaster; Light Plants, All (1 through 5); Pumps, over 3" (1 to 3 not to exceed a total of 300 ft.); Pumps, Well Points; Tractaire; Welding Machines (2 through 5); Winches, 4 Small Electric Drill Winches.

Class 5. Bobcats (all); Brick Forklifts; Oilers.

Class 6. Field Mechanics and Field Welders

Class 7. Gradall and machines of like nature.

OPERATING ENGINEER - FLOATING

Class 1. Craft Foreman; Diver/Wet Tender; and Engineer (hydraulic dredge).

Class 2. Crane/Backhoe Operator; 70 Ton or over Tug Operator; Mechanic/Welder; Assistant Engineer (Hydraulic Dredge); Leverman (Hydraulic Dredge); Diver Tender; Friction and Lattice Boom Cranes.

Class 3. Deck Equipment Operator, Machineryman; Maintenance of Crane (over 50 ton capacity); Tug/Launch Operator; Loader/Dozer and like equipment on Barge; and Deck Machinery, etc.

Class 4. Deck Equipment Operator, Machineryman/Fireman (4 Equipment Units or More); Off Road Trucks (2 ton capacity or more); Deck Hand, Tug Engineer, Crane Maintenance 50 Ton Capacity and Under or Backhoe Weighing 115,000 pounds or less; and Assistant Tug Operator.

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.

**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 _____ 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 inoperative, void or unconstitutional.

ORDINANCE

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.

The United States Department of Labor



**Bureau of Apprenticeship and Training
Certificate of Registration**

*Chicago Land Laborers' Training & Apprenticeship Program
For the Trade of Construction Craft Laborer*

*Registered as part of the National Apprenticeship Program
in accordance with the basic standards of apprenticeship
established by the Secretary of Labor*

April 12, 1999

Secretary of Labor

Robert M. Allen

IL017-0602

Registration No.

Anthony Suvarez
Director Bureau of Apprenticeship and Training

DOT# 820-1115

United States Department of Labor

Office of Apprenticeship Training, Regulation and Labor Services

Bureau of Apprenticeship and Training

Certificate of Registration

I.H.W. LOCAL #9 NEEDLE STATES ELECTRICAL CONTRACTORS ASSN.

Hillside, Illinois

For the Treasurer/Time Maintainer

*Registered as part of the National Apprenticeship Program
in accordance with the basic standards of apprenticeship
established by the Secretary of Labor*

Revised May 5, 2003
August 26, 1992

Date

TI 015920003

Registered Form 20a



Secretary of Labor

Scott Elias

Scott Elias

The United States Department of Labor

Office of Apprenticeship Training, Employer and Labor Services

Bureau of Apprenticeship and Training

Certificate of Registration

INTERNATIONAL BROTHERHOOD OF TEAMSTERS

Joint Council No. 25 Training Fund
For the Trade of Construction Driver

*Registered as part of the National Apprenticeship Program
in accordance with the basic standards of apprenticeship
established by the Secretary of Labor*

June 28, 2005

Date

IL015030004

Registration No.



Rob. Chad
Secretary of Labor

Anthony Surace
Administrative Apprenticeship Training Employer and Labor Service

The United States Department of Labor

Office of Apprenticeship Training, Employment and Labor Services

Division of Apprenticeship and Training

Certificate of Registration

Operating Engineers Local # 150

Plainfield, Illinois

For the Trade of Operating Engineers

Registered as part of the National Apprenticeship Program
in accordance with the basic standards of apprenticeship
established by the Secretary of Labor

November 9, 2002

DL 008780173
Washington DC



W. J. Clark

Secretary of Labor
W. J. Clark
Washington, D.C.

THE UNITED STATES DEPARTMENT OF THE INTERIOR

Office of Apprenticeship, Training, Compliance and Labor Standards
Bureau of Apprenticeship and Training
Department of the Interior

Chicago, & N.E. 21st. Dist. Council of Carpenters App. & Trng. Program

For the Trade - Stone Builders (Carpenters)

Registered as part of the National Apprenticeship Program
in accordance with the basic standards of apprenticeship
established by the Secretary of Labor

Date: September 4, 2003

Registration No. LD170300001



R. J. Chas
Secretary of Labor

The United States Department of Labor



Bureau of Apprenticeship and Training Certificate of Registration

CEMENT MASONS' AREA JOINT APPRENTICESHIP & CEMENT MASONS UNION LOC. NO. 502
BELLWOOD, ILLINOIS

FOR THE TRADE OF: CEMENT MASON

*Registered as part of the National Apprenticeship Program
in accordance with the basic standards of apprenticeship
established by the Secretary of Labor*

REGISTERED: OCTOBER 17, 1945
REVISED: DECEMBER 29, 1988

Date

Secretary of Labor

Don McLaughlin

00R-0815
Registration No.

James D. Van Eick
Director, Bureau of Apprenticeship

DISADVANTAGED BUSINESS ENTERPRISE PARTICIPATION (DBE)

Effective: September 1, 2000

Revised: August 2, 2011

FEDERAL OBLIGATION. The Department of Transportation, as a recipient of federal financial assistance, is required to take all necessary and reasonable steps to ensure nondiscrimination in the award and administration of contracts. Consequently, the federal regulatory provisions of 49 CFR Part 26 apply to this contract concerning the utilization of disadvantaged business enterprises. For the purposes of this Special Provision, a disadvantaged business enterprise (DBE) means a business certified by the Department in accordance with the requirements of 49 CFR Part 26 and listed in the Illinois Unified Certification Program (IL UCP) DBE Directory.

STATE OBLIGATION. This Special Provision will also be used by the Department to satisfy the requirements of the Business Enterprise for Minorities, Females, and Persons with Disabilities Act, 30 ILCS 575. When this Special Provision is used to satisfy state law requirements on 100 percent state-funded contracts, the federal government has no involvement in such contracts (not a federal-aid contract) and no responsibility to oversee the implementation of this Special Provision by the Department on those contracts. DBE participation on 100 percent state-funded contracts will not be credited toward fulfilling the Department's annual overall DBE goal required by the US Department of Transportation to comply with the federal DBE program requirements.

CONTRACTOR ASSURANCE. The Contractor makes the following assurance and agrees to include the assurance in each subcontract that the Contractor signs with a subcontractor.

The Contractor, sub recipient, or subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The Contractor shall carry out applicable requirements of 49 CFR Part 26 in the award and administration of contracts funded in whole or in part with federal or state funds. Failure by the Contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy as the recipient deems appropriate.

OVERALL GOAL SET FOR THE DEPARTMENT. As a requirement of compliance with 49 CFR Part 26, the Department has set an overall goal for DBE participation in its federally assisted contracts. That goal applies to all federal-aid funds the Department will expend in its federally assisted contracts for the subject reporting fiscal year. The Department is required to make a good faith effort to achieve the overall goal. The dollar amount paid to all approved DBE companies performing work called for in this contract is eligible to be credited toward fulfillment of the Department's overall goal.

CONTRACT GOAL TO BE ACHIEVED BY THE CONTRACTOR. This contract includes a specific DBE utilization goal established by the Cook County Department of Transportation and Highway. The goal has been included because the Cook County Department of Transportation and Highway has determined that the work of this contract has subcontracting opportunities that may be suitable for performance by DBE companies. The determination is based on an assessment of the type of work, the location of the work, and the availability of DBE companies to do a part of the work. The assessment indicates that, in the absence of unlawful discrimination, and in an arena of fair and open competition, DBE companies can be expected to perform **25%** of the work. This percentage is set as the DBE participation goal for this contract. Consequently, in addition to the other award criteria established for this contract, the Cook County Department of Transportation and Highway will only recommend award this

contract to a bidder who makes a good faith effort to meet this goal of DBE participation in the performance of the work. A bidder makes a good faith effort for award consideration if either of the following is done in accordance with the procedures set for in this Special Provision:

- (a) The bidder documents that enough DBE participation has been obtained to meet the goal; or
- (b) The bidder documents that a good faith effort has been made to meet the goal, even though the effort did not succeed in obtaining enough DBE participation to meet the goal.

DBE LOCATOR REFERENCES. Bidders shall consult the IL UCP DBE Directory as a reference source for DBE-certified companies. In addition, the Department maintains a letting and item specific DBE locator information system whereby DBE companies can register their interest in providing quotes on particular bid items advertised for letting. Information concerning DBE companies willing to quote work for particular contracts may be obtained by contacting the Department's Bureau of Small Business Enterprises at telephone number (217)785-4611, or by visiting the Department's website at www.dot.il.gov.

BIDDING PROCEDURES. Compliance with this Special Provision is a material bidding requirement. The failure of the bidder to comply will render the bid not responsive.

- (a) The bidder shall submit a Disadvantaged Business Utilization Plan on Department forms with the bid.
- (b) The Utilization Plan shall indicate that the bidder either has obtained sufficient DBE participation commitments to meet the contract goal or has not obtained enough DBE participation commitments in spite of a good faith effort to meet the goal. The Utilization Plan shall further provide the name, telephone number, and telefax number of a responsible official of the bidder designated for purposes of notification of plan approval or disapproval under the procedures of this Special Provision.
- (c) The Utilization Plan shall include a DBE Participation Commitment Statement, for each DBE proposed for the performance of work to achieve the contract goal. All elements of information indicated on the said form shall be provided, including but not limited to the following:
 - (1) The names and addresses of DBE firms that will participate in the contract;
 - (2) A description, including pay item numbers, of the work each DBE will perform;
 - (3) The dollar amount of the participation of each DBE firm participating. The dollar amount of participation for identified work shall specifically state the quantity, unit price, and total subcontract price for the work to be completed by the DBE. If partial pay items are to be performed by the DBE, indicate the portion of each item, a unit price where appropriate and the subcontract price amount;
 - (4) DBE Participation Commitment Statements, signed by the bidder and each participating DBE firm documenting the commitment to use the DBE subcontractors whose participation is submitted to meet the contract goal;
 - (5) If the bidder is a joint venture comprised of DBE companies and non-DBE companies, the plan must also include a clear identification of the portion of the work to be performed by the DBE partner(s); and,
 - (6) If the contract goal is not met, evidence of good faith efforts.

GOOD FAITH EFFORT PROCEDURES. The contract will not be awarded until the Utilization Plan submitted by the apparent successful bidder is approved. All information submitted by the bidder must be complete, accurate and adequately document that enough DBE participation has been obtained or document that good faith efforts of the bidder, in the event enough DBE participation has not been obtained. The Utilization Plan will be approved by the Cook County Department of Transportation and Highway if the Utilization Plan documents sufficient commercially useful DBE work performance to meet the contract goal or the bidder submits sufficient documentation of a good faith effort to meet the contract goal pursuant to 49 CFR Part 26, Appendix A. The Utilization Plan will not be approved by the Cook County Department of Transportation and Highway if the Utilization Plan does not document sufficient DBE participation to meet the contract goal unless the apparent successful bidder documented in the Utilization Plan that it made a good faith effort to meet the goal. This means that the bidder must show that all necessary and reasonable steps were taken to achieve the contract goal. Necessary and reasonable steps are those which, by their scope, intensity and appropriateness to the objective, could reasonably be expected to obtain sufficient DBE participation, even if they were not successful. The Cook County Department of Transportation and Highway will consider the quality, quantity, and intensity of the kinds of efforts that the bidder has made. Mere *pro forma* efforts, in other words, efforts done as a matter of form, are not good faith efforts; rather, the bidder is expected to have taken genuine efforts that would be reasonably expected of a bidder actively and aggressively trying to obtain DBE participation sufficient to meet the contract goal.

- (a) The following is a list of types of action that the Cook County Department of Transportation and Highway will consider as part of the evaluation of the bidder's good faith efforts to obtain participation. These listed factors are not intended to be a mandatory checklist and are not intended to be exhaustive. Other factors or efforts brought to the attention of the Cook County Department of Transportation and Highway may be relevant in appropriate cases, and will be considered by the Cook County Department of Transportation and Highway.
- (1) Soliciting through all reasonable and available means (e.g. attendance at pre-bid meetings, advertising and/or written notices) the interest of all certified DBE companies that have the capability to perform the work of the contract. The bidder must solicit this interest within sufficient time to allow the DBE companies to respond to the solicitation. The bidder must determine with certainty if the DBE companies are interested by taking appropriate steps to follow up initial solicitations.
 - (2) Selecting portions of the work to be performed by DBE companies in order to increase the likelihood that the DBE goals will be achieved. This includes, where appropriate, breaking out contract work items into economically feasible units to facilitate DBE participation, even when the prime Contractor might otherwise prefer to perform these work items with its own forces.
 - (3) Providing interested DBE companies with adequate information about the plans, specifications, and requirements of the contract in a timely manner to assist them in responding to a solicitation.
 - (4) a. Negotiating in good faith with interested DBE companies. It is the bidder's responsibility to make a portion of the work available to DBE subcontractors and

suppliers and to select those portions of the work or material needs consistent with the available DBE subcontractors and suppliers, so as to facilitate DBE participation. Evidence of such negotiation includes the names, addresses, and telephone numbers of DBE companies that were considered; a description of the information provided regarding the plans and specifications for the work selected for subcontracting; and evidence as to why additional agreements could not be reached for DBE companies to perform the work.

b. A bidder using good business judgment would consider a number of factors in negotiating with subcontractors, including DBE subcontractors, and would take a firm's price and capabilities as well as contract goals into consideration. However, the fact that there may be some additional costs involved in finding and using DBE companies is not in itself sufficient reason for a bidder's failure to meet the contract DBE goal, as long as such costs are reasonable. Also the ability or desire of a bidder to perform the work of a contract with its own organization does not relieve the bidder of the responsibility to make good faith efforts. Bidders are not, however, required to accept higher quotes from DBE companies if the price difference is excessive or unreasonable.

- (5) Not rejecting DBE companies as being unqualified without sound reasons based on a thorough investigation of their capabilities. The bidder's standing within its industry, membership in specific groups, organizations, or associations and political or social affiliations (for example union vs. non-union employee status) are not legitimate causes for the rejection or non-solicitation of bids in the bidder's efforts to meet the project goal.
 - (6) Making efforts to assist interested DBE companies in obtaining bonding, lines of credit, or insurance as required by the recipient or Contractor.
 - (7) Making efforts to assist interested DBE companies in obtaining necessary equipment, supplies, materials, or related assistance or services.
 - (8) Effectively using the services of available minority/women community organizations; minority/women contractors' groups; local, state, and federal minority/women business assistance offices; and other organizations as allowed on a case-by-case basis to provide assistance in the recruitment and placement of DBE companies.
- (b) If the Cook County Department of Transportation and Highway determines that the apparent successful bidder has made a good faith effort to secure the work commitment of DBE companies to meet the contract goal, the Cook County Department of Transportation and Highway will recommend award the contract provided that it is otherwise eligible for award. If the Cook County Department of Transportation and Highway determines that the bidder has failed to meet the requirements of this Special Provision or that a good faith effort has not been made, the Cook County Department of Transportation and Highway will notify the responsible company official designated in the Utilization Plan that the bid is not responsive. The notification shall include a statement of reasons for the determination.
- (c) The bidder may request administrative reconsideration of a determination adverse to the bidder within the **five (5) working days** after the receipt of the notification date of the determination by delivering the request to the Cook County Department of

Transportation and Highway, Contract Documents Administrator. Deposit of the request in the United States mail on or before the fifth business day shall not be deemed delivery. The determination shall become final if a request is not made and delivered. A request may provide additional written documentation and/or argument concerning the issues raised in the determination statement of reasons, provided the documentation and arguments address efforts made prior to submitting the bid. The request will be forwarded to the Cook County Department of Transportation and Highway. The Cook County Department of Transportation and Highway will extend an opportunity to the bidder to meet in person in order to consider all issues of documentation and whether the bidder made a good faith effort to meet the goal. After the review by the Cook County Department of Transportation and Highway, the bidder will be sent a written decision within **ten (10) working days** after receipt of the request for consideration, explaining the basis for finding that the bidder did or did not meet the goal or make adequate good faith efforts to do so. A final decision by the Cook County Department of Transportation and Highway that a good faith effort was made shall approve the Utilization Plan submitted by the bidder and shall clear the contract for award. A final decision that a good faith effort was not made shall render the bid not responsive.

CALCULATING DBE PARTICIPATION. The Utilization Plan values represent work anticipated to be performed and paid for upon satisfactory completion. The Cook County Department of Transportation and Highway is only able to count toward the achievement of the overall goal and the contract goal the value of payments made for the work actually performed by DBE companies. In addition, a DBE must perform a commercially useful function on the contract to be counted. A commercially useful function is generally performed when the DBE is responsible for the work and is carrying out its responsibilities by actually performing, managing, and supervising the work involved. The Cook County Department of Transportation and Highway and Contractor are governed by the provisions of 49 CFR Part 26.55(c) on questions of commercially useful functions as it affects the work. Specific counting guidelines are provided in 49 CFR Part 26.55, the provisions of which govern over the summary contained herein.

- (a) DBE as the Contractor: 100 percent goal credit for that portion of the work performed by the DBE's own forces, including the cost of materials and supplies. Work that a DBE subcontracts to a non-DBE does not count toward the DBE goals.
- (b) DBE as a joint venture Contractor: 100 percent goal credit for that portion of the total dollar value of the contract equal to the distinct, clearly defined portion of the work performed by the DBE's own forces.
- (c) DBE as a subcontractor: 100 percent goal credit for the work of the subcontract performed by the DBE's own forces, including the cost of materials and supplies, excluding the purchase of materials and supplies or the lease of equipment by the DBE subcontractor from the prime Contractor or its affiliates. Work that a DBE subcontractor in turn subcontracts to a non-DBE does not count toward the DBE goal.
- (d) DBE as a trucker: 100 percent goal credit for trucking participation provided the DBE is responsible for the management and supervision of the entire trucking operation for which it is responsible. At least one truck owned, operated, licensed, and insured by the DBE must be used on the contract. Credit will be given for the following:

- (1) The DBE may lease trucks from another DBE firm, including an owner-operator who is certified as a DBE. The DBE who leases trucks from another DBE receives credit for the total value of the transportation services the lessee DBE provides on the contract.
 - (2) The DBE may also lease trucks from a non-DBE firm, including from an owner-operator. The DBE who leases trucks from a non-DBE is entitled to credit only for the fee or commission is receives as a result of the lease arrangement.
- (e) DBE as a material supplier:
- (1) 60 percent goal credit for the cost of the materials or supplies purchased from a DBE regular dealer.
 - (2) 100 percent goal credit for the cost of materials of supplies obtained from a DBE manufacturer.
 - (3) 100 percent credit for the value of reasonable fees and commissions for the procurement of materials and supplies if not a regular dealer or manufacturer.

CONTRACT COMPLIANCE. Compliance with this Special Provision is an essential part of the contract. The Cook County Department of Transportation and Highway is prohibited by federal regulations from crediting the participation of a DBE included in the Utilization Plan toward either the contract goal or the Department's overall goal until the amount to be applied toward the goals has been paid to the DBE. The following administrative procedures and remedies govern the compliance by the Contractor with the contractual obligations established by the Utilization Plan. After approval of the Utilization Plan and award of the contract, the Utilization Plan and individual DBE Participation Statements become part of the contract. If the Contractor did not succeed in obtaining enough DBE participation to achieve the advertised contract goal, and the Utilization Plan was approved and contract awarded based upon a determination of good faith, the total dollar value of DBE work calculated in the approved Utilization Plan as a percentage of the awarded contract value shall become the amended contract goal. All work indicated for performance by an approved DBE shall be performed, managed, and supervised by the DBE executing the Participation Statement.

- (a) **NO AMENDMENT.** No amendment to the Utilization Plan may be made without prior written approval from the Cook County Chief Procurement Officer. All requests for amendment to the Utilization Plan shall be submitted to the Cook County Office of the Chief Procurement Officer with copies to Cook County Department of Transportation and Highway, Construction Bureau.
- (b) **TERMINATION OR REPLACEMENT.** The Contractor shall not terminate or replace a DBE listed on the approved Utilization Plan, or perform with other forces work designated for a listed DBE except as provided in the Special Provision.
- (c) **CHANGES TO WORK.** Any deviation from the DBE condition-of-award or contract plans, specifications, or special provisions must be approved, in writing, by the Cook County Chief Procurement Officer as provided elsewhere in the Contract. The Contractor shall notify affected DBEs in writing of any changes in the scope of work which result in a reduction in the dollar amount condition-of-award to the contract. Where the revision includes work committed to a new DBE subcontractor, not previously involved in the project, then a Request for Approval of Subcontractor, Department form BC 260A, must be signed and submitted to the Cook County Department of

Transportation and Highway. If the commitment of work is in the form of additional tasks assigned to an existing DBE subcontract, then a revised Request for Approval of Subcontractor shall be required. However, the Contractor must document efforts to assure that the existing DBE subcontractor is capable of performing the additional work and has agreed in writing to the change.

- (d) **ALTERNATIVE WORK METHODS.** In addition to the above requirements for reductions in the condition of award, additional requirements apply to the two cases of Contractor-initiated work substitution proposals. Where the contract allows alternate work methods which serve to delete or create under runs in condition of award DBE work, and the Contractor selects that alternate method or, where the Contractor proposes a substitute work method or material that serves to diminish or delete work committed to a DBE and replace it with other work, then the Contractor must demonstrate one of the following:
- (1) That the replacement work will be performed by the same DBE (as long as the DBE is certified in the respective item of work) in a modification of the condition of award; or
 - (2) That the DBE is aware that its work will be deleted or will experience under runs and has agreed in writing to the change. If this occurs, the Contractor shall substitute other work of equivalent value to a certified DBE or provide documentation of good faith efforts to do so; or
 - (3) That the DBE is not capable of performing the replacement work or has declined to perform the work at a reasonable competitive price. If this occurs, the Contractor shall substitute other work of equivalent value to a certified DBE or provide documentation of good faith efforts to do so.
- (e) **TERMINATION AND REPLACEMENT PROCEDURES.** The Contractor shall not terminate or replace a DBE subcontractor listed in the approved Utilization Plan without prior written consent. This includes, but is not limited to, instances in which the Contractor seeks to perform work originally designated for a DBE subcontractor with its own forces or those of an affiliate, a non-DBE firm, or with another DBE firm. Written consent will be granted only if the Chief Procurement Officer agrees, for reasons stated in its concurrence document, that the Contractor has good cause to terminate or replace the DBE firm. Before transmitting to the Chief Procurement Officer any request to terminate and/or substitute a DBE subcontractor, the Contractor shall give notice in writing to the DBE subcontractor, with a copy to the Chief Procurement Officer and Cook County Department of Transportation and Highway - Construction Bureau, of its intent to request to terminate and/or substitute, and the reason for the request. The Contractor shall give the DBE **five (5) days** to respond to the Contractor's notice. The DBE so notified shall advise the Chief Procurement Officer, Cook County Department of Transportation and Highway - Construction Bureau and the Contractor of the reasons, if any, why it objects to the proposed termination of its subcontract and why the Chief Procurement Officer should not approve the Contractor's action. If required in a particular case as a matter of public necessity, the Chief Procurement Officer may provide a response period shorter than **five (5) days**.

For purposes of this paragraph, good cause includes the following circumstances:

- (1) The listed DBE subcontractor fails or refuses to execute a written contract;
- (2) The listed DBE subcontractor fails or refuses to perform the work of its subcontract in a way consistent with normal industry standards. Provided, however, that good cause does not exist if the failure or refusal of the DBE subcontractor to perform its work on the subcontract results from the bad faith or discriminatory action of the prime contractor;
- (3) The listed DBE subcontractor fails or refuses to meet the prime Contractor's reasonable, nondiscriminatory bond requirements;
- (4) The listed DBE subcontractor becomes bankrupt, insolvent, or exhibits credit unworthiness;
- (5) The listed DBE subcontractor is ineligible to work on public works projects because of suspension and debarment proceedings pursuant 2 CFR Parts 180, 215 and 1,200 or applicable state law.
- (6) You have determined that the listed DBE subcontractor is not a responsible contractor;
- (7) The listed DBE subcontractor voluntarily withdraws from the projects and provides to you written notice of its withdrawal;
- (8) The listed DBE is ineligible to receive DBE credit for the type of work required;
- (9) A DBE owner dies or becomes disabled with the result that the listed DBE contractor is unable to complete its work on the contract;
- (10) Other documented good cause that compels the termination of the DBE subcontractor. Provided, that good cause does not exist if the prime Contractor seeks to terminate a DBE it relied upon to obtain the contract so that the prime Contractor can self-perform the work for which the DBE contractor was engaged or so that the prime Contractor can substitute another DBE or non-DBE contractor after contract award.

When a DBE is terminated, or fails to complete its work on the Contract for any reason the Contractor shall make a good faith effort to find another DBE to substitute for the original DBE to perform at least the same amount of work under the contract as the terminated DBE to the extent needed to meet the established Contract goal.

- (f) **PAYMENT RECORDS.** The Contractor shall maintain a record of payments for work performed to the DBE participants. The records shall be made available to the Cook County Department of Transportation and Highway for inspection upon request. After the performance of the final item of work or delivery of material by a DBE and final payment therefore to the DBE by the Contractor, but not later than thirty (30) calendar days after payment has been made by the Cook County Department of Transportation and Highway to the Contractor for such work or material, the Contractor shall submit a DBE Payment Agreement on Department form SBE 2115 to Cook County Department of Transportation and Highway – Construction Bureau. If full and final payment has not been made to the DBE, the DBE Payment Agreement shall indicate whether a disagreement as to the payment required exists between the Contractor and the DBE or

if the Contractor believes that the work has not been satisfactorily completed. If the Contractor does not have the full amount of work indicated in the Utilization Plan performed by the DBE companies indicated in the Utilization Plan and after good faith efforts are reviewed, the Cook County Department of Transportation and Highway may deduct from contract payments to the Contractor the amount of the goal not achieved as liquidated and ascertained damages. The Contractor may request an administrative reconsideration of any amount deducted as damages pursuant to subsection (h) of this part.

- (g) **ENFORCEMENT**. The Cook County Department of Transportation and Highway reserves the right to withhold payment to the Contractor to enforce the provisions of this Special Provision. Final payment shall not be made on the contract until such time as the Contractor submits sufficient documentation demonstrating achievement of the goal in accordance with this Special Provision or after liquidated damages have been determined and collected.
- (h) **RECONSIDERATION**. Notwithstanding any other provision of the contract, including but not limited to Article 109.09 of the Standard Specifications, the Contractor may request administrative reconsideration of a decision to deduct the amount of the goal not achieved as liquidated damages. A request to reconsider shall be delivered to the Cook County Chief Procurement Officer with copies to Cook County Department of Transportation and Highway – Construction Bureau and shall be handled and considered in the same manner as set forth in paragraph (c) of “Good Faith Effort Procedures” of this Special Provision, except a final decision that a good faith effort was not made during contract performance to achieve the goal agreed to in the Utilization Plan shall be the final administrative decision of the Cook County Chief Procurement Officer.

Assist Agencies

Ms. Shelia Hill, Executive Director
 Chicago Minority Business Development Council (C.M.B.D.C.)
 1 East Wacker Drive, Suite 1200
 Chicago, IL 60601
 312-755-8880
 312-755-8890 (FAX)

Victor Davis, Contractor Development Program
 Chicago Urban League
 4510 S. Michigan Avenue
 Chicago, IL 60653
 773-451-3559
 773-285-7772 (FAX)

Carnice Carey, Executive Director
 Cosmopolitan Chamber of Commerce
 560 West Lake Street, 5th Floor
 Chicago, IL 60661
 312-786-0212
 312-786-9079 (FAX)

Ms. Beth Doria, Executive Director
 Federation of Women Contractors
 5650 South Archer Avenue
 Chicago, IL 60638
 312-360-1122
 312-360-0239 (FAX)

Illinois Department of Transportation
 201 West Center Court
 Schaumburg, IL 60196
 847-705-4234
 847-705-4203 (FAX)

Illinois Road Builders
 500 Park Boulevard
 Itasca, IL 60143
 630-773-1220
 630-773-1231 (FAX)

Ms. Joyce Shanahan, Director
 Industrial Council of Northwest Chicago
 2023 West Carroll Avenue
 Chicago, IL 60612
 773-421-3941
 312-421-1871 (FAX)

Mr. 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)

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)

Mr. Perry Gunn, Director
North River Commissioners/Ladcor
4745 North Kedzie
Chicago, IL 60625
773-478-0202

Ms. Angela R. Johnson
Deputy Director of International Trade Bureau
Operation P.U.S.H.
930 East 50TH Street
Chicago, IL 60615
773-373-3366
312-373-3571 (FAX)

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

Target Group, Inc.
330 South Wells Street, Suite 400
Chicago, IL 60606
312-873-0200
312-873-0299 (FAX)

Ms. Patricia Showers, Executive Director
Uptown Center Hull House
4520 North Beacon
Chicago, IL 60640
773- 651-3500
312- 561- 3507 (FAX)

Ms. Hedy Ratner, Executive Director
Women's Business Development Center
8 South Michigan, Suite 400
Chicago, IL, 60604
312-853-3477
312-853-0145 (FAX)

Cook County Departments

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

Cook County Department of Transportation and Highway
Contract Documents Administrator
69 W. Washington Street – Suite 2400
Chicago, Illinois 60602

Cook County Department of Transportation and Highway
Construction Bureau
69 W. Washington Street – 23rd floor
Chicago, Illinois 60602

COOK COUNTY
DEPARTMENT OF TRANSPORTATION AND HIGHWAY
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 Highway 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 highway department 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 extent 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 for 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 highway department 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 highway department.

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) Disadvantaged business enterprises (DBE), as defined in 49 cfr part 23, 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 DBE subcontractors or subcontractors with meaningful minority and female representation among their employees. Contractors shall obtain lists of DBE construction firms from cook county highway department personnel.

- 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 highway department.

- 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 highway department 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.

<u>Economic area</u>	<u>Goal (percent)</u>
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 or 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 or 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) calendar days of notification of award, the bidder shall provide the following requirements:

1. OWNER'S AND CONTRACTOR'S PROTECTIVE (O.C.P.) LIABILITY INSURANCE

At the time the Proposal is submitted, the Contractor shall furnish the County one (1) original insurance **policy binder** evidencing **Owner's and Contractor's Protective (O.C.P.) Liability Insurance** coverage with the County of Cook as the named insured. The amount of Insurance shall be two million dollars (\$2,000,000) each occurrence and two million dollars (\$2,000,000) general aggregate for bodily injury and property damage Combined Single Limit.

2. CONTRACTOR'S INSURANCE

The Contractor shall furnish the County **certificates of insurance** from the Contractor's insurance carrier, evidencing the insurance coverage required in the following paragraphs:

"This insurance specifically covers liability assumed by the insured under this contract." The certificates shall stipulate that the insurance will not be cancelled or changed while the work is in progress without sixty (60) days prior written notice by certified mail to the Superintendent of Cook County Department of Transportation and Highway.

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.

The Contractor shall provide and maintain the following:

I. Worker's Compensation and Employer's Liability Insurance The Contractor agrees that he and all his Subcontractors will comply with all statutes and laws with regard to Worker's Compensation/Occupational Disease Insurance applying to employees or their beneficiaries. Limits shall be:

- | | |
|---|--|
| <ul style="list-style-type: none"> • Worker's Compensation | Statutory Limits |
| <ul style="list-style-type: none"> • Employer's Liability | Not less than |
| <ul style="list-style-type: none"> Bodily Injury by Accident Bodily Injury by Disease | <ul style="list-style-type: none"> \$500,000 each accident \$500,000 each employee |

II. Commercial General Liability Insurance Coverage must provide General Aggregate Limit per project; Premises and Operations; Contractor's Protective Liability ("Independence Contractors" Coverage); Products Liability/Completed Operations - Completed Operations coverage will continue in force for two

**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 HIGHWAY
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. 1
Dated 1-23-13

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 Highway.

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 Highway 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 Highway 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 Highway 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 contractor's 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 Highway Department.

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 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. An appeal to Level II shall be made 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 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 Highway Department - 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 Highway Department. 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 years 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, 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 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.

**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 County Highway Department 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 3" x 3 ¾" or equivalent	1 Each

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 1/2"	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 1/2" x 11"	6 Each
Paper, Standard Canary Letter Pads, 6 Count, 8 1/2" x 11 3/4"	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 3/4"	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:

	<u>Bid Amount</u>	<u>Approximate Cost</u>
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
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 from 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
PAVEMENT THICKNESS DEFICIENCY**

The Contractor's attention is brought to Section 407 of the Standard Specification; Hot-Mix Asphalt Pavement (Full-Depth). This contract specifies payment of various Hot-Mix Asphalt mixtures on a per Ton basis or in the case of Hot-Mix Asphalt Shoulders, by the Square Yard. The pay item for Hot-Mix Asphalt Pavement (Full-Depth) is not used. However, it is the intent of this contract to construct the proposed pavement to the layer thicknesses and total thickness as shown on the plans.

The provisions in Article 407.10 governing deficient pavement thickness will be adhered to with the following alterations or additions:

References to the Contract Unit Price as given in Sections 407.10(a) and (b) will relate to the various Hot-Mix Asphalt items in the contract and as described below.

Basis of Payment. The "Contract Unit Price" will not refer to the item, Hot-Mix Asphalt Pavement (Full-Depth), but will instead refer to the total of the costs of the various Hot-Mix layers used to construct the pavement. The total cost per square yard will be calculated by taking the plan thicknesses and computing a tonnage yield for each material per square yard, multiplying this calculated yield by the contract cost per Ton for each material and summing these costs to produce the total cost. This calculated cost per square yard will then be multiplied by the total area of deficient thickness and the deduction penalty will be applied.

**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
TRAFFIC BARRIER TERMINAL, TYPE 1, SPECIAL**

Description. This work shall consist of furnishing and installing a tangent type Traffic Barrier Terminal, Type 1, Special according to Section 631 of the Standard Specifications and the following:

The terminal and required shoulder area shall conform to Sheet No. 1 of I.D.O.T. Standard No. 630301-04. Tapering of the terminal, as shown on the standard, is required in order to offset the extruder head and eliminate encroachment on the highway pavement or curb.

The terminals at a single location within a project shall be of the same manufacture and configuration and shall be identical in design and appearance.

Materials and Construction Requirements for Direct Applied Reflectorized Terminal Marker.

Direct Applied Reflectorized Terminal Markers shall be fabricated using Types AP or ZZ reflectorized sheeting. All materials used shall meet the applicable requirements of Sections 1090 and 1091 of the Standard Specifications.

The sheeting shall be uniform in color throughout and conform to the latest appropriate standard color tolerance chart issued by the U.S. Department of Transportation, Federal Highway Administration.

Direct Applied Reflectorized Terminal Markers shall be installed directly to the guardrail terminal end. The surface of the guardrail terminal end shall be cleaned of all contaminants prior to the installation of the terminal marker. The surface shall be cleaned using a 5-8 percent phosphoric acid solution and rinsed with clean water or as recommended by the manufacturer of the direct applied terminal marker sheeting and as approved by the Engineer.

Direct Applied Reflectorized Terminal Markers shall conform to the terminal marker details as shown on I.D.O.T. Standard No. 635006-02.

Basis of Payment. This work will be paid for at the contract unit price each for Traffic Barrier Terminal, Type 1, Special which price shall include furnishing and installing all parts and materials, foundations, transitions, tapers, delineations and any excavation or backfilling required. The cost of furnishing and installing Direct Applied Reflectorized Terminal Markers shall be considered as included in the contract unit price for Traffic Barrier Terminal, Type 1, Special. The cost for Hot-Mix-Asphalt shoulders will be paid separately.

**SPECIAL PROVISION
FOR
SCHEDULING AND LANDSCAPING**

Scheduling

All work except for landscaping shall be completed by July 31, 2013. Failure to meet this deadline will result in Liquidated Damages as per Illinois Department of Transportation Specification 108.09.

Landscaping

All landscaping items contained in this contract shall be undertaken and completed in accordance with the seasonal restrictions found in the plans, specifications and special provisions. This work, or portions thereof, shall be undertaken as directed by the Engineer, and a total of five (5) working days beyond the contract completion date is allowed in order to complete the improvement.

**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
TEMPORARY BUTT JOINTS**

Description. Immediately after the removal of the existing hot-mix-asphalt surface, Temporary Butt Joints shall be constructed at the saw cut limits of removal. The Butt Joints are to be constructed with Hot-Mix-Asphalt Surface Course or Leveling Binder and compacted as directed by the Engineer. A coated paper bond breaker shall be placed between the Butt Joint and the existing surface.

The Butt Joints shall be removed and the exposed surfaces primed just prior to the placement of the specified Hot-Mix-Asphalt paving material.

Temporary Butt Joints shall be measured in Feet (Meters).

Basis of Payment. The cost of constructing and removing the Butt Joints shall be paid for at the Contract Unit Price per Foot (Meter) for Temporary Butt Joints.

**SPECIAL PROVISION
FOR
REFLECTIVE CRACK CONTROL TREATMENT**

DESCRIPTION. This work shall consist of furnishing and installing the specified type of asphalt reinforcement mesh, to be used as a reflective crack control treatment, at the locations and as per the details in the contract plans.

MATERIALS. Asphalt reinforcement mesh shall consist of fiber glass strands coated with a protective elastomeric polymer and pressure sensitive adhesive backing. Products coated with bituminous materials are not allowed. In addition, the reinforcement mesh shall have the following physical characteristics and mechanical properties:

PRODUCT PROPERTIES	METHOD / UNITS	Type 1
Mesh Grid Size (Typ.) (Center to Center)	Calipered, inch	0.5 In. x 0.5 In.
Roll Width (Min)	Measured in feet	4.9 feet
Mass / Unit Area	ASTM D 5261-92 oz/yd ²	10.9-13.5
Tensile Strength (Min.) (Across Width)	ASTM D 6637 lb./in.	571
Tensile Strength (Min.) (Across Length)	ASTM D 6637 lb./in.	571
Tensile Strength @2% (Min.)	ASTM D 6637 lb./in.	456
Elongation at Break	ASTM D 6637(%)	Less than 3%
Melting Point	ASTM D 276	Greater than 424°F

Geotextile paving fabrics will not be considered as an alternate to asphalt reinforcement mesh. Asphalt reinforcement mesh products must meet the following requirements;

- 1) At least 15 days prior to bid letting, the Contractor must submit a list of at least five comparable projects that are similar in terms of size and application, and where the results of using the specific asphalt reinforcement mesh can be verified after a minimum of five years of service life.
- 2) Asphalt reinforcement mesh product sample approximately 305 mm by 200 mm (12" x 8") or larger.
- 3) Certified material property data sheets.
- 4) Manufacturer's installation instructions and general recommendations.
- 5) Additional information as requested by the Engineer to fully evaluate the product.

Proper mesh type selection depends on several factors including hot-mix aggregate size, local environmental conditions, mix stability, past performance or user preference. A Type 1 grid having the physical properties listed above is specified for this improvement.

Full width coverage of the pavement surface is required for this improvement.

CONSTRUCTION METHODS.

GENERAL. Prior to use, store reinforcement mesh rolls in unopened packaging vertically (on end) under dry covered conditions free from dust, dirt and moisture to prevent roll distortion and contamination. Store the product at temperatures above minus 20 degrees C (-4°F). Do not place mesh reinforcement when the surface is wet, or contaminated with oil, soil or excessive dust. Do not place asphalt during wet or freezing weather as this prevents conformance with specified requirements.

ADHESION TEST. The Contractor shall test to the satisfaction of the Engineer that proper adhesion exists between the asphalt reinforcement mesh and the underlying pavement. This test can be done on the reinforcement mesh after it is placed or it can be done on a minimum one square yard sample cut in a square shape.

Place the reinforcement mesh on the surface to be paved.

Apply adequate vertical pressure to fully activate the pressure sensitive adhesive, e.g., by use of a rubber tire roller or other means approved by the manufacturer.

Insert a hook of a spring balance (such as that used for a fish scale) under the center of the pavement mesh sample. Pull the spring balance up until the sample just starts to pull loose and record the gauge reading. In the event that 20 lbs. or more of force is required to pull the sample up from the road surface, sufficient adhesion has taken place and the paving operation can begin.

In the event that the sample does not have 20 lbs. of adherence, identify if the rolling operation to activate the pressure sensitive coating needs to be improved or if there are any cleanliness or moisture issues present. Resolve these issues prior to installing the remainder of the paving mesh, and prior to placing asphalt on top of the mesh.

Verify proper adhesion with this test once every 1200 sq. yd., or as directed by the Engineer.

PREPARATION AND INSTALLATION.

PREPARATION:

The plans provide details for proper pavement surface preparation including crack repair with Crack Filling and Mixture for Cracks, Joints and Flangeways. A Polymerized Leveling Binder has also been specified. The mesh will be placed on top of the Leveling Binder.

Surfaces shall be mechanically cleaned by sweeping and vacuuming and be free of oil, vegetation, sand, dirt, water, gravel and other contaminants prior to placement of the strip reflective crack control layer.

ASPHALT REINFORCEMENT MESH INSTALLATION:

- 1) Surface temperature shall be between 5 degrees C and 60 degrees C (40-140°F) prior to laying the mesh reinforcement.

- 2) The placement surface must be dry. Since moisture affects the adhesion of the mesh to the pavement surface, mesh placement should not be undertaken if rain is likely to fall prior to covering the mesh with an asphalt mat overlay. Mesh that is placed and will not adhere due to moisture shall be removed and replaced at the Contractor's expense.
- 3) Reinforcement mesh shall be laid out by mechanical means or by hand using sufficient pressure to eliminate ripples. Remove any ripples by pulling the grid tight. Cutting of the grid may be done on tight radii to prevent ripples.
- 4) Lap transverse joint in the direction of the paving 3-6 In., longitudinal joints shall be overlapped 1-2 In. or as recommended by the manufacturer, whichever is greater. It will be required for the Contractor to maintain one lane of traffic in each direction during all base patching and resurfacing operations. In order to meet this requirement, it is anticipated that mesh will be placed along one lane width and then resurfaced prior to mesh placement and resurfacing of the adjacent lane. The Contractor must insure that the required longitudinal joint overlaps in the mesh are provided and maintained from one stage of traffic to the next.
- 5) After placement, activate self-adhesive glue by rolling with a rubber coated drum roller or a pneumatic tire roller until proper adherence occurs. In no instance, shall steel-wheeled or vibratory rollers be used. Rolling shall continue until the adhesive is activated and the mesh is bonded to the leveling course. Generally, this can be accomplished in one or two roller passes. During rolling operations, roller tires shall be kept clean to the satisfaction of the Engineer.
- 6) Reinforcement shall be laid and rolled over ironworks (i.e. manhole covers, drainage grates, etc.). Once the mesh has been rolled, these portions of the mats covering the ironworks shall be removed by cutting the reinforcement mesh with a utility knife or other similar tool.
- 7) Construction and emergency vehicles will be allowed to run on the reinforcement mesh after rolling. However, any damaged or de-bonded sections of the mesh resulting from these vehicles, as determined by the Engineer, shall be immediately replaced with new mat sections, taking care to place the adhesive backing down and to overlap the mesh already in place. Replacement sections shall be rolled in accordance with manufacturer's recommendations. Mesh shall be rolled until the adhesive is activated and the replacement mesh section is bonded to the leveling course.
- 8) Any dirt, dust or other contaminants deposited on the mesh covered leveling course by the construction equipment, maintenance vehicles, or emergency vehicles shall be removed by mechanical sweeping or vacuuming the surface. No additional payment will be made to replace sections of mats damaged or contaminated by construction equipment, maintenance vehicles or emergency vehicles. No additional compensation will be made to sweep or vacuum the surface, or to otherwise remove contaminants deposited by such traffic.

METHOD OF MEASUREMENT. The quantity of REFLECTIVE CRACK CONTROL TREATMENT shall be measured as the area in square yards of pavement covered and shall not include additional areas required for transverse and longitudinal laps. No deductions shall be made for the reinforcement mesh removed in the area of ironworks.

Items for Polymerized Leveling Binder, Crack Filling, Mixture for Cracks, Joints and Flangeways and Hot-Mix Asphalt Surface will be paid for separately.

BASIS OF PAYMENT. The unit bid price per SQUARE YARD for REFLECTIVE CRACK CONTROL TREATMENT shall include the cost of furnishing all labor, materials and equipment to complete the work including adhesion testing, mesh placement, rolling, mesh-removal around areas of ironworks and sweeping or vacuuming the pavement surface prior to mesh placement as specified herein.

**SPECIAL PROVISION
FOR
LIDS AND FRAMES AND LIDS**

Description. Where the term lids is used in the Summary of Quantities, on County Highway 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
ARLINGTON HEIGHTS ROAD
BRANTWOOD AVENUE TO HIGGINS ROAD
SECTION: 12-V6938-05-RS**

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

Village of Elk Grove Village

901 Wellington Avenue
Elk Grove Village, IL 60007
Attn: Vito P. Sammarco
Director of Public Works
(847) 734-8900

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

West Shore Pipe Line Company

C/O Buckeye Partners, L.P.
3823 Indianapolis Boulevard
East Chicago, IN 46312
Attn: Mike Norris
(219) 397-3656X2118

Northwest Suburban Municipal

Joint Action Water Agency
901 Wellington Avenue
Elk Grove Village, IL 60007
Attn: Joe Fennell
(847) 981-4083
cc: Steven Pittman
(773) 686-0077

MCI

7719 W. 60th Place
P.O. Box 387
Summit, IL 60501
Attn: Jim Todd
(708) 458-6410
cc: Dean Boyers
(972) 729-6322

Arlington Heights Road (Contd.)

North Shore Gas Company

30001 Grand Avenue
Waukegan, IL 60085
Attn: Steve Warmington
(847) 263-4666

Red Speed-Illinois

400 Eisenhower Lane North
Lombard, IL 60148
Attn: Jose Chavez
(630) 936-9129 (C)

Metropolitan Water Reclamation

District of Greater Chicago

100 East Erie Street
Chicago, IL 60611
Attn: Kenneth Kits
Director of Engineering
(312) 751-7905

Natural Gas Pipeline Company

23725 West County Farm Road
Shorewood, IL 60431
Attn: John Hedrick
(815) 272-9154

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.

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**STATUS OF UTILITIES
UTILITIES TO BE ADJUSTED
ROSELLE ROAD
EUCLID AVENUE TO PALATINE ROAD
SECTION: 12-V60431-05-SD**

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

Village of Palatine
200 East Wood Street
Palatine, IL 60067
Attn: Matt Barry
(847) 202-6960

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. Schuller
(630) 600-6348

Nicor Gas Company
1844 Ferry Road
Naperville, IL 60563
Attn: Constance Lane
(630) 388-3830

XO Communications, Inc.
810 Jorie Boulevard, Suite 200
Oak Brook, IL 60523
Attn: Glenn Luehrsen
(630) 371-3108

Village Inverness
1400 Baldwin Road
Inverness, IL 60067
Attn: James Kapustiak
(847) 358-7740

Wide Open West
1030 National Parkway
Schaumburg, IL 60173
Attn: Brian Hurd
(630) 523-1264

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.

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**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 1/4 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 Highway Department of the localities from which the sod is to be obtained so that an authorized representative of the Highway 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.

**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 (W8-1107) 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 property 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:

$$\text{Adjust contract price} = .25P + .75P [1 \pm (X-0.1)]$$

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 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
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 intention 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 assemblies will require additional review. The Contractor shall account for additional review time in their schedule.
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- 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 Highway Department, 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 signaling 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 Highway Department 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 Engineer's 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 Highway 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 Highway 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 Contractor 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 I183 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 CCHD 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 CCHD 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 CCHD 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
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.

HOT MIX ASPHALT MIXTURE IL-4.75 (DIST 1) DRAFT

Effective: January 1, 2007

Revised: January 1, 2013

Description. This work shall consist of constructing Hot-Mix Asphalt (HMA) surface course or leveling binder with an IL-4.75 mixture. Work shall be according to Sections 406, 1030, 1031 and 1032 of the Standard Specifications except as modified herein.

Materials.

Revise Article 1030.02 of the Standard Specifications to read:

(b) Fine aggregate (Note 1 and 3)

Note 3. The gradation for IL-4.75 shall be FA 1, FA 2, FA 20 or FA 22.

(c) Reclaimed or recycled material. Only processed FRAP or RAS will be permitted in the 4.75 mm mix. Refer to D1 version for Use of Recycle Materials specification(s).

(d) Mineral Filler. Mineral filler shall conform to the requirements of Article 1011.01 of the Standard Specifications. Collected HMA baghouse dust may be used as Mineral Filler provided it meets the gradation outlined in Article 1011 of the Standard Specifications and a separate mix design is created.

(g) Asphalt Binder (AB). The AB shall be either Elvaloy or SBS/SBR with a PG 76-22 value. The AB shall meet the requirements of Article 1032.05(b) of the Standard Specifications; however the elastic recovery of the AB shall be 80 minimum.

The AB shall be shipped, maintained, and stored at the mix plant according to the manufacturer's requirements. It shall be placed in an empty tank and not blended with other asphalt cements.

Mixture Design. Add the following to Article 1030.04(b) of the Standard Specifications

"(4) IL 4.75 Mixture.

Volumetric Parameter	Requirement
Design Air Voids	3.5% at Ndesign 50
Voids in the Mineral Aggregate (VMA)	18.5% minimum
Voids Filled with Asphalt (VFA)	72 - 85%
Dust/AC Ratio	1.0
Density (% of Max Specific Gravity)	93.0 - 97.4
Maximum Drain-down	0.3%

The percentage of new natural sand shall not exceed 25% if FRAP or RAS is used. For designs without FRAP or RAS the sand fraction of the final blend shall be at least 50% manufacture stone sand.

Mixture Production. Plant modifications may be required to accommodate the addition of higher percentages of mineral filler as required by the JMF.

During production, mineral filler shall not be stored in the same silo as collected dust. This may require any previously collected bag house dust in a storage silo prior to production of the IL-4.75 mixture to be wasted. Only metered bag house dust may be returned back directly to the mix. Any additional minus No. 200 (75 μm) material needed to produce the IL-4.75 shall be mineral filler.

As an option, collected bag-house dust may be used in lieu of manufactured mineral filler, provided; 1) there is enough is available for the production of the IL-4.75 mix for the entire project and 2) a mix design was prepared with collected bag-house dust.

The mixture shall be produced within the temperature range recommended by the asphalt cement producer; but not less than 325 °F (165 °C).

The amount of moisture remaining in the finished mixture (at silo discharge) shall be less than 0.3 percent based on the weight of the test sample after drying.

Mixtures contain steel slag sand or aggregate having absorptions \geq 2.5 percent shall have a silo storage plus haul time of not less than 1.5 hours.

Placement

Revise Article 406.06 (b) (2) a. to read as follows:

The surface shall be dry for at least 12 hours, and clean, prior to placement of the mixture.

As an option, the contractor will be allowed to use a heated drier, at no additional cost to the Department, to expedite the drying of the pavement. No mix will be placed in areas of standing water or areas that show evidence of moisture or dampness. The use of a heated drier will be stopped if the pavement shows signs of damaged.

Control Charts/Limits.

Add the following to Control Limits table in Article 1030.04(d)(4) of the Standard Specifications:

Parameter	Individual Test	Moving Average
% Passing		
No. 16 (1.18 mm)	$\pm 4\%$	$\pm 3\%$
No. 200 (75 μm)	$\pm 1.5\%$	$\pm 1.0\%$
Asphalt Binder Content	$\pm 0.3\%$	$\pm 0.2\%$
Air Voids	$\pm 1.2\%$ (of design)	$\pm 1.0\%$ (of design)
No. 200 (75 μm)	$\pm 1.5\%$	$\pm 1.0\%$

FRICION SURFACE AGGREGATE (D1)

Effective: January 1, 2011

Revised: November 1, 2012

Revise Article 1004.01(a)(4) of the Standard Specifications to read:

"(4) Crushed Stone. Crushed stone shall be the angular fragments resulting from crushing undisturbed, consolidated deposits of rock by mechanical means. Crushed stone shall be divided into the following, when specified.

- a. Carbonate Crushed Stone. Carbonate crushed stone shall be either dolomite or limestone. Dolomite shall contain 11.0 percent or more magnesium oxide (MgO). Limestone shall contain less than 11.0 percent magnesium oxide (MgO).
- b. Crystalline Crushed Stone. Crystalline crushed stone shall be either metamorphic or igneous stone, including but is not limited to, quartzite, granite, rhyolite and diabase."

Revise Article 1004.03(a) of the Standard Specifications to read:

"1004.03 Coarse Aggregate for Hot-Mix Asphalt (HMA). The aggregate shall be according to Article 1004.01 and the following revisions.

(a) Description. The coarse aggregate for HMA shall be according to the following table.

Use	Mixture	Aggregates Allowed
Class A	Seal or Cover	<u>Allowed Alone or in Combination:</u> Gravel Crushed Gravel Carbonate Crushed Stone Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag Crushed Concrete

Use	Mixture	Aggregates Allowed						
HMA All Other	Shoulders	<u>Allowed Alone or in Combination:</u> Gravel Crushed Gravel Carbonate Crushed Stone Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) ^{1/} Crushed Steel Slag ^{1/} Crushed Concrete						
HMA High ESAL Low ESAL	C Surface IL-12.5, IL-9.5, or IL-9.5L	<u>Allowed Alone or in Combination:</u> Crushed Gravel Carbonate Crushed Stone Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) ^{1/} Crushed Steel Slag ^{1/} Crushed Concrete						
HMA High ESAL	D Surface IL-12.5 or IL-9.5	<u>Allowed Alone or in Combination:</u> Crushed Gravel Carbonate Crushed Stone (other than Limestone) Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) ^{1/} Crushed Steel Slag ^{1/} Crushed Concrete						
		<u>Other Combinations Allowed:</u>						
		<table border="1"> <tr> <td><i>Up to...</i></td> <td><i>With...</i></td> </tr> <tr> <td>25% Limestone</td> <td>Dolomite</td> </tr> <tr> <td>50% Limestone</td> <td>Any Mixture D aggregate other than Dolomite</td> </tr> </table>	<i>Up to...</i>	<i>With...</i>	25% Limestone	Dolomite	50% Limestone	Any Mixture D aggregate other than Dolomite
		<i>Up to...</i>	<i>With...</i>					
25% Limestone	Dolomite							
50% Limestone	Any Mixture D aggregate other than Dolomite							

Use	Mixture	Aggregates Allowed	
		75% Limestone	Crushed Slag (ACBF) ^{1/} or Crushed Sandstone
HMA High ESAL	F Surface IL-12.5 or IL-9.5	<u>Allowed Alone or in Combination:</u>	
		Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) ^{1/} Crushed Steel Slag ^{1/}	
		No Limestone or no Crushed Gravel alone.	
		<u>Other Combinations Allowed:</u>	
		<i>Up to...</i>	<i>With...</i>
		50% Crushed Gravel, or Dolomite	Crushed Sandstone, Crushed Slag (ACBF) ^{1/} , Crushed Steel Slag ^{1/} , or Crystalline Crushed Stone
HMA High ESAL	SMA Ndesign 80 Surface	Crystalline Crushed Stone Crushed Sandstone Crushed Steel Slag ^{1/}	

1/ When either slag is used, the blend percentages listed shall be by volume.

RECLAIMED ASPHALT PAVEMENT AND RECLAIMED ASPHALT SHINGLES (BDE)

Effective: November 1, 2012

Revise: January 1, 2013

Revise Section 1031 of the Standard Specifications to read:

"SECTION 1031. RECLAIMED ASPHALT PAVEMENT AND RECLAIMED ASPHALT SHINGLES

1031.01 Description. Reclaimed asphalt pavement and reclaimed asphalt shingles shall be according to the following.

- (a) Reclaimed Asphalt Pavement (RAP). RAP is the material produced by cold milling or crushing an existing hot-mix asphalt (HMA) pavement. The Contractor shall supply written documentation that the RAP originated from routes or airfields under federal, state, or local agency jurisdiction.
- (b) Reclaimed Asphalt Shingles (RAS). Reclaimed asphalt shingles (RAS). RAS is from the processing and grinding of preconsumer or post-consumer shingles. RAS shall be a clean and uniform material with a maximum of 0.5 percent unacceptable material, as defined in Bureau of Materials and Physical Research Policy Memorandum "Reclaimed Asphalt Shingle (RAS) Sources", by weight of RAS. All RAS used shall come from a Bureau of Materials and Physical Research approved processing facility where it shall be ground and processed to 100 percent passing the 3/8 in. (9.5 mm) sieve and 93 percent passing the #4 (4.75 mm) sieve based on a dry shake gradation. RAS shall be uniform in gradation and asphalt binder content and shall meet the testing requirements specified herein. In addition, RAS shall meet the following Type 1 or Type 2 requirements.
 - (1) Type 1. Type 1 RAS shall be processed, preconsumer asphalt shingles salvaged from the manufacture of residential asphalt roofing shingles.
 - (2) Type 2. Type 2 RAS shall be processed post-consumer shingles only, salvaged from residential, or four unit or less dwellings not subject to the National Emission Standards for Hazardous Air Pollutants (NESHAP).

1031.02 Stockpiles. RAP and RAS stockpiles shall be according to the following.

- (a) RAP Stockpiles. The Contractor shall construct individual, sealed RAP stockpiles meeting one of the following definitions. No additional RAP shall be added to the pile after the pile has been sealed. Stockpiles shall be sufficiently separated to prevent intermingling at the base. Stockpiles shall be identified by signs indicating the type as listed below (i.e. "Homogeneous Surface").

Prior to milling, the Contractor shall request the District provide documentation on the quality of the RAP to clarify the appropriate stockpile.

- (1) Fractionated RAP (FRAP). FRAP shall consist of RAP from Class I, HMA (High and Low ESAL) mixtures. The coarse aggregate in FRAP shall be crushed aggregate and may represent more than one aggregate type and/or quality but shall be at least C quality. All FRAP shall be fractionated prior to testing by screening into a minimum of two size fractions with the separation occurring on or between the #4 (4.75 mm) and 1/2 in. (12.5 mm) sieves. Agglomerations shall be minimized such that 100 percent of the RAP shall pass the sieve size specified below for the mix the FRAP will be incorporated.

Mixture FRAP will be used in:	Sieve Size that 100% of FRAP Shall Pass
IL-25.0	2 in. (50 mm)
IL-19.0	1 1/2 in. (40 mm)
IL-12.5	1 in. (25 mm)
IL-9.5	3/4 in. (20 mm)
IL-4.75	1/2 in. (13 mm)

- (2) Homogeneous. Homogeneous RAP stockpiles shall consist of RAP from Class I, HMA (High and Low ESAL) mixtures and represent: 1) the same aggregate quality, but shall be at least C quality; 2) the same type of crushed aggregate (either crushed natural aggregate, ACBF slag, or steel slag); 3) similar gradation; and 4) similar asphalt binder content. If approved by the Engineer, combined single pass surface/binder millings may be considered "homogenous" with a quality rating dictated by the lowest coarse aggregate quality present in the mixture.
- (3) Conglomerate. Conglomerate RAP stockpiles shall consist of RAP from Class I, HMA (High and Low ESAL) mixtures. The coarse aggregate in this RAP shall be crushed aggregate and may represent more than one aggregate type and/or quality but shall be at least C quality. This RAP may have an inconsistent gradation and/or asphalt binder content prior to processing. All conglomerate RAP shall be processed prior to testing by crushing to where all RAP shall pass the 5/8 in. (16 mm) or smaller screen. Conglomerate RAP stockpiles shall not contain steel slag.
- (4) Conglomerate "D" Quality (DQ). Conglomerate DQ RAP stockpiles shall consist of RAP from Class I, HMA (High or Low ESAL), or "All Other" (as defined by Article 1030.04(a)(3)) mixtures. The coarse aggregate in this RAP may be crushed or round but shall be at least D quality. This RAP may have an inconsistent gradation and/or asphalt binder content. Conglomerate DQ RAP stockpiles shall not contain steel slag.
- (5) Non-Quality. RAP stockpiles that do not meet the requirements of the stockpile categories listed above shall be classified as "Non-Quality".

RAP/FRAP containing contaminants, such as earth, brick, sand, concrete, sheet asphalt, bituminous surface treatment (i.e. chip seal), pavement fabric, joint sealants, etc., will be unacceptable unless the contaminants are removed to the satisfaction of the Engineer. Sheet asphalt shall be stockpiled separately.

- (b) RAS Stockpiles. Type 1 and Type 2 RAS shall be stockpiled separately and shall not be intermingled. Each stockpile shall be signed indicating what type of RAS is present.

Unless otherwise approved by the Engineer, mechanically blending manufactured sand (FM 20 or FM 22) up to an equal weight of RAS with the processed RAS will be permitted to improve workability. The sand shall be "B Quality" or better from an approved Aggregate Gradation Control System source. The sand shall be accounted for in the mix design and during HMA production.

Records identifying the shingle processing facility supplying the RAS, RAS type and lot number shall be maintained by project contract number and kept for a minimum of three years.

1031.03 Testing. RAP/FRAP and RAS testing shall be according to the following.

- (a) RAP/FRAP Testing. When used in HMA, the RAP/FRAP shall be sampled and tested either during or after stockpiling.
- (1) During Stockpiling. For testing during stockpiling, washed extraction samples shall be run at the minimum frequency of one sample per 500 tons (450 metric tons) for the first 2000 tons (1800 metric tons) and one sample per 2000 tons (1800 metric tons) thereafter. A minimum of five tests shall be required for stockpiles less than 4000 tons (3600 metric tons).
 - (2) After Stockpiling. For testing after stockpiling, the Contractor shall submit a plan for approval to the District proposing a satisfactory method of sampling and testing the RAP/FRAP pile either in-situ or by restockpiling. The sampling plan shall meet the minimum frequency required above and detail the procedure used to obtain representative samples throughout the pile for testing.

Each sample shall be split to obtain two equal samples of test sample size. One of the two test samples from the final split shall be labeled and stored for Department use. The Contractor shall extract the other test sample according to Department procedure. The Engineer reserves the right to test any sample (split or Department-taken) to verify Contractor test results.

- (b) RAS Testing. RAS or RAS blended with manufactured sand shall be sampled and tested during stockpiling according to Illinois Department of Transportation Policy Memorandum, "Reclaimed Asphalt Shingle (RAS) Source".

Samples shall be collected during stockpiling at the minimum frequency of one sample per 200 tons (180 metric tons) for the first 1000 tons (900 metric tons) and one sample per 250 tons (225 metric tons) thereafter. A minimum of five samples are required for stockpiles less than 1000 tons (900 metric tons). Once a ≤ 1000 ton (900 metric ton), five-sample/test stockpile has been established it shall be sealed. Additional incoming RAS or RAS blended with manufactured sand shall be stockpiled in a separate working pile as designated in the Quality Control plan and only added to the sealed stockpile when the test results of the working pile are complete and are found to meet the tolerances specified herein for the original sealed RAS stockpile.

Before testing, each sample shall be split to obtain two test samples. One of the two test samples from the final split shall be labeled and stored for Department use. The Contractor shall perform a washed extraction and test for unacceptable materials on the other test sample according to Department procedures. The Engineer reserves the right to test any sample (split or Department-taken) to verify Contractor test results.

If the sampling and testing was performed at the shingle processing facility in accordance with the QC Plan, the Contractor shall obtain and make available all of the test results from start of the initial stockpile.

1031.04 Evaluation of Tests. Evaluation of tests results shall be according to the following.

- (a) Evaluation of RAP/FRAP Test Results. All of the extraction results shall be compiled and averaged for asphalt binder content and gradation and, when applicable G_{mm} . Individual extraction test results, when compared to the averages, will be accepted if within the tolerances listed below.

Parameter	FRAP/Homogeneous /Conglomerate	Conglomerate "D" Quality
1 in. (25 mm)		$\pm 5\%$
1/2 in. (12.5 mm)	$\pm 8\%$	$\pm 15\%$
No. 4 (4.75 mm)	$\pm 6\%$	$\pm 13\%$
No. 8 (2.36 mm)	$\pm 5\%$	
No. 16 (1.18 mm)		$\pm 15\%$
No. 30 (600 μm)	$\pm 5\%$	
No. 200 (75 μm)	$\pm 2.0\%$	$\pm 4.0\%$
Asphalt Binder	$\pm 0.4\%$ ^{1/}	$\pm 0.5\%$
G_{mm}	± 0.03	

1/ The tolerance for FRAP shall be $\pm 0.3\%$.

If more than 20 percent of the individual sieves and/or asphalt binder content tests are out of the above tolerances, the RAP/FRAP shall not be used in HMA unless the

RAP/FRAP representing the failing tests is removed from the stockpile. All test data and acceptance ranges shall be sent to the District for evaluation.

With the approval of the Engineer, the ignition oven may be substituted for extractions according to the Illinois Test Procedure, "Calibration of the Ignition Oven for the Purpose of Characterizing Reclaimed Asphalt Pavement (RAP)".

- (b) Evaluation of RAS and RAS Blended with Manufactured Sand Test Results. All of the test results, with the exception of percent unacceptable materials, shall be compiled and averaged for asphalt binder content and gradation. Individual test results, when compared to the averages, will be accepted if within the tolerances listed below.

Parameter	RAS
No. 8 (2.36 mm)	± 5 %
No. 16 (1.18 mm)	± 5 %
No. 30 (600 µm)	± 4 %
No. 200 (75 µm)	± 2.0 %
Asphalt Binder Content	± 1.5 %

If more than 20 percent of the individual sieves and/or asphalt binder content tests are out of the above tolerances, or if the percent unacceptable material exceeds 0.5 percent by weight of material retained on the # 4 (4.75 mm) sieve, the RAS or RAS blend shall not be used in Department projects. All test data and acceptance ranges shall be sent to the District for evaluation.

1031.05 Quality Designation of Aggregate in RAP/FRAP.

- (a) RAP. The aggregate quality of the RAP for homogenous, conglomerate, and conglomerate "D" quality stockpiles shall be set by the lowest quality of coarse aggregate in the RAP stockpile and are designated as follows.
- (1) RAP from Class I, Superpave/HMA (High ESAL), or (Low ESAL) IL-9.5L surface mixtures are designated as containing Class B quality coarse aggregate.
 - (2) RAP from Superpave/HMA (Low ESAL) IL-19.0L binder mixture is designated as Class D quality coarse aggregate.
 - (3) RAP from Class I, Superpave/HMA (High ESAL) binder mixtures, bituminous base course mixtures, and bituminous base course widening mixtures are designated as containing Class C quality coarse aggregate.
 - (4) RAP from bituminous stabilized subbase and BAM shoulders are designated as containing Class D quality coarse aggregate.
- (b) FRAP. If the Engineer has documentation of the quality of the FRAP aggregate, the Contractor shall use the assigned quality provided by the Engineer.

If the quality is not known, the quality shall be determined as follows. Coarse and fine FRAP stockpiles containing plus #4 (4.75 mm) sieve coarse aggregate shall have a maximum tonnage of 5,000 tons (4,500 metric tons). The Contractor shall obtain a representative sample witnessed by the Engineer. The sample shall be a minimum of 50 lb (25 kg). The sample shall be extracted according to Illinois Modified AASHTO T 164 by a consultant prequalified by the Department for the specified testing. The consultant shall submit the test results along with the recovered aggregate to the District Office. The cost for this testing shall be paid by the Contractor. The District will forward the sample to the BMRP Aggregate Lab for MicroDeval Testing, according to Illinois Modified AASHTO T 327. A maximum loss of 15.0 percent will be applied for all HMA applications.

1031.06 Use of RAP/FRAP and/or RAS in HMA. The use of RAP/FRAP and/or RAS shall be a Contractor's option when constructing HMA in all contracts.

(a) RAP/FRAP. The use of RAP/FRAP in HMA shall be as follows.

- (1) Coarse Aggregate Size. The coarse aggregate in all RAP shall be equal to or less than the nominal maximum size requirement for the HMA mixture to be produced.
- (2) Steel Slag Stockpiles. Homogeneous RAP stockpiles containing steel slag will be approved for use in all HMA (High ESAL and Low ESAL) Surface and Binder Mixture applications.
- (3) Use in HMA Surface Mixtures (High and Low ESAL). RAP/FRAP stockpiles for use in HMA surface mixtures (High and Low ESAL) shall be FRAP or homogeneous in which the coarse aggregate is Class B quality or better. RAP/FRAP from Conglomerate stockpiles shall be considered equivalent to limestone for frictional considerations. Known frictional contributions from plus #4 (4.75 mm) homogeneous RAP and FRAP stockpiles will be accounted for in meeting frictional requirements in the specified mixture.
- (4) Use in HMA Binder Mixtures (High and Low ESAL), HMA Base Course, and HMA Base Course Widening. RAP/FRAP stockpiles for use in HMA binder mixtures (High and Low ESAL), HMA base course, and HMA base course widening shall be FRAP, homogeneous, or conglomerate, in which the coarse aggregate is Class C quality or better.
- (5) Use in Shoulders and Subbase. RAP/FRAP stockpiles for use in HMA shoulders and stabilized subbase (HMA) shall be FRAP, homogeneous, conglomerate, or conglomerate DQ.
- (6) When the Contractor chooses the RAP option, the percentage of RAP shall not exceed the amounts indicated in Article 1031.06(c)(1) below for a given N Design.

- (b) RAS. RAS meeting Type 1 or Type 2 requirements will be permitted in all HMA applications as specified herein.
- (c) RAP/FRAP and/or RAS Usage Limits. Type 1 or Type 2 RAS may be used alone or in conjunction with RAP or FRAP in HMA mixtures up to a maximum of 5.0% by weight of the total mix.
- (1) RAP/RAS. When RAP is used alone or RAP is used in conjunction with RAS, the percentage of virgin asphalt binder replacement shall not exceed the amounts listed in the Max RAP/RAS ABR table listed below for the given Ndesign.

RAP/RAS Maximum Asphalt Binder Replacement (ABR) Percentage

HMA Mixtures ^{1/, 2/}	RAP/RAS Maximum ABR %		
	Ndesign	Binder/Leveling Binder	Surface
30	30	30	10
50	25	15	10
70	15	10	10
90	10	10	10
105	10	10	10

1/ For HMA "All Other" (shoulder and stabilized subbase) N-30, the RAP/RAS ABR shall not exceed 50 percent of the mixture.

2/ When RAP/RAS ABR exceeds 20 percent, the high and low virgin asphalt binder grades shall each be reduced by one grade (i.e. 25 percent ABR would require a virgin asphalt binder grade of PG64-22 to be reduced to a PG58-28). If warm mix asphalt (WMA) technology is utilized, and production temperatures do not exceed 275 °F (135 °C) the high and low virgin asphalt binder grades shall each be reduced by one grade when RAP/RAS ABR exceeds 25 percent (i.e. 26 percent RAP/RAS ABR would require a virgin asphalt binder grade of PG64-22 to be reduced to a PG58-28).

(2) FRAP/RAS. When FRAP is used alone or FRAP is used in conjunction with RAS, the percentage of virgin asphalt binder replacement shall not exceed the amounts listed in the FRAP/RAS tables listed below for the given N design.

Level 1 - FRAP/RAS Maximum Asphalt Binder Replacement (ABR) Percentage

HMA Mixtures ^{1/, 2/}	Level 1 - FRAP/RAS Maximum ABR %		
	Ndesign	Binder/Leveling Binder	Surface
30	35	35	10

50	30	25	10
70	25	20	10
90	20	15	10
105	10	10	10

- 1/ For HMA "All Other" (shoulder and stabilized subbase) N30, the FRAP/RAS ABR shall not exceed 50 percent of the mixture.
- 2/ When FRAP/RAS ABR exceeds 20 percent for all mixes the high and low virgin asphalt binder grades shall each be reduced by one grade (i.e. 25 percent ABR would require a virgin asphalt binder grade of PG64-22 to be reduced to a PG58-28). If warm mix asphalt (WMA) technology is utilized, and production temperatures do not exceed 275 °F (135 °C) the high and low virgin asphalt binder grades shall each be reduced by one grade when FRAP/RAS ABR exceeds 25 percent (i.e. 26 percent ABR would require a virgin asphalt binder grade of PG64-22 to be reduced to a PG58-28).
- 3/ For SMA the FRAP/RAS ABR shall not exceed 20 percent.
- 4/ For IL-4.75 mix the FRAP/RAS ABR shall not exceed 20 percent.

Level 2 – FRAP/RAS Maximum Asphalt Binder Replacement (ABR) Percentage

HMA Mixtures ^{1/, 2/}	Level 2 – FRAP/RAS Maximum ABR %		
Ndesign	Binder/Leveling Binder	Surface	Polymer Modified ^{3/} ^{4/}
30	40	40	10
50	40	30	10
70	30	20	10
90	30	20	10
105	30	15	10

- 1/ For HMA "All Other" (shoulder and stabilized subbase) N30, the FRAP/RAS ABR shall not exceed 50 percent of the mixture.
- 2/ When FRAP/RAS ABR exceeds 20 percent for all mixes the high and low virgin asphalt binder grades shall each be reduced by one grade (i.e. 25 percent ABR would require a virgin asphalt binder grade of PG64-22 to be reduced to a PG58-28). If warm mix asphalt (WMA) technology is utilized, and production temperatures do not exceed 275 °F (135 °C) the high and low virgin asphalt binder grades shall each be reduced by one grade when FRAP/RAS ABR exceeds 25 percent (i.e. 26 percent ABR would require a virgin asphalt binder grade of PG64-22 to be reduced to a PG58-28).

3/ For SMA the FRAP/RAS ABR shall not exceed 20 percent.

4/ For IL-4.75 mix the FRAP/RAS ABR shall not exceed 30 percent.

1031.07 HMA Mix Designs. At the Contractor's option, HMA mixtures may be constructed utilizing RAP/FRAP and/or RAS material meeting the above detailed requirements.

FRAP/RAS mix designs exceeding the Level 1 FRAP/RAS Maximum ABR percentages shall be tested prior to submittal for verification, according to Illinois Modified AASHTO T 324 (Hamburg Wheel) and shall meet the following requirements.

Asphalt Binder Grade	# Repetitions	Max. Rut Depth in. (mm)
PG76-XX	20,000	1/2 (12.5)
PG70-XX	15,000	1/2 (12.5)
PG64-XX	7,500	1/2 (12.5)
PG58-XX	5,000	1/2 (12.5)

- (a) RAP/FRAP and/or RAS. RAP/FRAP and/or RAS designs shall be submitted for volumetric verification. If additional RAP/FRAP stockpiles are tested and found that no more than 20 percent of the results, as defined under "Testing" herein, are outside of the control tolerances set for the original RAP/FRAP stockpile and HMA mix design, and meets all of the requirements herein, the additional RAP/FRAP stockpiles may be used in the original mix design at the percent previously verified.
- (b) RAS. Type 1 and Type 2 RAS are not interchangeable in a mix design. A RAS stone bulk specific gravity (Gsb) of 2.500 shall be used for mix design purposes.

1031.08 HMA Production. Mixture production where the FRAP/RAS ABR percentage exceeds the Level 1 limits, shall be sampled within the first 500 tons (450 metric tons) on the first day of production with a split reserved for the Department. The mix sample shall be tested according to the Illinois Modified AASHTO T 324 and shall meet the requirements specified herein. Mix production shall not exceed 1500 tons (1350 metric tons) or one day's production, whichever comes first, until the testing is completed and the mixture is found to be in conformance. The requirement to cease mix production may be waived if the plant produced mixture conformance is demonstrated prior to start of mix production for a State contract.

- (a) RAP/FRAP. The coarse aggregate in all RAP/FRAP used shall be equal to or less than the nominal maximum size requirement for the HMA mixture being produced.

To remove or reduce agglomerated material, a scalping screen, gator, crushing unit, or comparable sizing device approved by the Engineer shall be used in the RAP feed system to remove or reduce oversized material. If material passing the sizing device adversely affects the mix production or quality of the mix, the sizing device shall be set at a size specified by the Engineer.

If the RAP/FRAP control tolerances or QC/QA test results require corrective action, the Contractor shall cease production of the mixture containing RAP/FRAP and either switch to the virgin aggregate design or submit a new RAP/FRAP design.

- (b) RAS. RAS shall be incorporated into the HMA mixture either by a separate weight depletion system or by using the RAP weigh belt. Either feed system shall be interlocked with the aggregate feed or weigh system to maintain correct proportions for all rates of production and batch sizes. The portion of RAS shall be controlled accurately to within ± 0.5 percent of the amount of RAS utilized. When using the weight depletion system, flow indicators or sensing devices shall be provided and interlocked with the plant controls such that the mixture production is halted when RAS flow is interrupted.

When producing HMA containing RAS, a positive dust control system shall be utilized.

- (c) RAP/FRAP and/or RAS. HMA plants utilizing RAP/FRAP and/or RAS shall be capable of automatically recording and printing the following information.

(1) Dryer Drum Plants.

- a. Date, month, year, and time to the nearest minute for each print.
- b. HMA mix number assigned by the Department.
- c. Accumulated weight of dry aggregate (combined or individual) in tons (metric tons) to the nearest 0.1 ton (0.1 metric ton).
- d. Accumulated dry weight of RAP/FRAP/RAS in tons (metric tons) to the nearest 0.1 ton (0.1 metric ton).
- e. Accumulated mineral filler in revolutions, tons (metric tons), etc. to the nearest 0.1 unit.
- f. Accumulated asphalt binder in gallons (liters), tons (metric tons), etc. to the nearest 0.1 unit.
- g. Residual asphalt binder in the RAP/FRAP material as a percent of the total mix to the nearest 0.1 percent.
- h. Aggregate and RAP/FRAP moisture compensators in percent as set on the control panel. (Required when accumulated or individual aggregate and RAP/FRAP are printed in wet condition.)

(2) Batch Plants.

- a. Date, month, year, and time to the nearest minute for each print.

- b. HMA mix number assigned by the Department.
- c. Individual virgin aggregate hot bin batch weights to the nearest pound (kilogram).
- d. Mineral filler weight to the nearest pound (kilogram).
- f. RAP/FRAP/RAS weight to the nearest pound (kilogram).
- g. Virgin asphalt binder weight to the nearest pound (kilogram).
- h. Residual asphalt binder in the RAP/FRAP/RAS material as a percent of the total mix to the nearest 0.1 percent.

The printouts shall be maintained in a file at the plant for a minimum of one year or as directed by the Engineer and shall be made available upon request. The printing system will be inspected by the Engineer prior to production and verified at the beginning of each construction season thereafter.

1031.09 RAP in Aggregate Surface Course and Aggregate Shoulders. The use of RAP in aggregate surface course (temporary access entrances only) and aggregate wedge shoulders Type B shall be as follows.

- (a) Stockpiles and Testing. RAP stockpiles may be any of those listed in Article 1031.02, except "Non-Quality" and "FRAP". The testing requirements of Article 1031.03 shall not apply. RAP used to construct aggregate surface course and aggregate shoulders shall be according to the current Bureau of Materials and Physical Research's Policy Memorandum, "Reclaimed Asphalt Pavement (RAP) for Aggregate Applications".
- (b) Gradation. One hundred percent of the RAP material shall pass the 1 1/2 in. (37.5 mm) sieve. The RAP material shall be reasonably well graded from coarse to fine. RAP material that is gap-graded or single sized will not be accepted."

80306

SURFACE TESTING OF HOT-MIX ASPHALT OVERLAYS (BDE)

Effective: January 1, 2013

Revise Article 406.03(h) of the Standard Specifications to read:

“(h) Pavement Surface Test Equipment 1101.10”

Revise Article 406.11 of the Standard Specifications to read:

406.11 Surface Tests. The finished surface of the pavement shall be tested for smoothness according to Article 407.09 of the Supplemental Specifications, except as follows:

One wheel track shall be tested per lane. Testing shall be performed 3 ft (1 m) from and parallel to the edge of the lane away from traffic.

SMOOTHNESS ASSESSMENT SCHEDULE (HMA Overlays)		
High-Speed Mainline Pavement Average Profile Index in./mile (mm/km)	Low-Speed Mainline Pavement Average Profile Index in./mile (mm/km)	Assessment per subplot
6.0 (95) or less	15.0 (240) or less	+\$150.00
>6.0 (95) to 10.0 (160)	>15.0 (240) to 25.0 (400)	+\$80.00
>10.0 (160) to 30.0 (475)	>25.0 (400) to 45.0 (710)	+\$0.00
>30.0 (475) to 40.0 (635)	>45.0 (710) to 65.0 (1025)	+\$0.00
Greater than 40.0 (635)	Greater than 65.0 (1025)	-\$300.00”

80317

**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.

COUNTY OF COOK

CHICAGO, ILLINOIS

PROPOSAL

For a County Highway Improvement in the County of Cook, State of Illinois,

known as Group 2-2013 (Arlington Heights Rd. & Roselle Rd.)

Route	<u>V69, V60</u>	Section	<u>12-V6938-05-RS, 12-V69043-05-SD</u>
	<u>Brantwood Avenue</u>		<u>Higgins Road</u>
From	<u>Euclid Avenue</u>	To	<u>Palatine Road</u>

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.

Section 12-V6938-05, RS - Arlington Heights Road from Brantwood Avenue to Higgins Road begins at Sta. 10+00, a point on the centerline of Arlington Heights Road approximately one half mile north of Biesterfield Road and 225 feet southerly of Brantwood Avenue. The project continues northerly to Cosman Avenue (Sta. 16+59.37) where it turns northeasterly to the Sall Creek Bridge where there is an omission from Sta. 22+7.16 to 23+72.66. The project continues northeasterly to Oakton Road (Sta. 75+56.82) where the roadway turns northerly and ends at Sta. 91+98.66, a point on the centerline of Arlington Heights Road approximately 651 feet southerly of the centerline of Higgins Road. This project has a length of 8198.86 feet (1.55 miles) of which 8033.06 feet (1.52 miles) are to be improved, and lies within the Village of Elk Grove and Cook County Forest Preserve District in Unincorporated Cook County and Elk Grove Township, Cook County, Illinois.

Section 12-V6043-05-SD - Roselle Avenue from Euclid Avenue to Palatine Road begins at Sta. 21+86.53, a point on the centerline of Roselle Road approximately 1,170 feet north of the centerline of Euclid Avenue. The project continues north to Palatine Road and ends at Sta. 102+89.43, a point on the south edge of pavement on Palatine Road for a total and net distance 8102.9 feet (1.53 miles) to be improved. This improvement lies within the Villages of Inverness and Palatine in Palatine Township, Cook County, Illinois.

DESCRIPTION OF IMPROVEMENT

Group 2-2013 is a QC/QA project.

It is the intent of Contract Section 12-V6938-05-RS to provide for the rehabilitation of Arlington Heights road from Brantwood Avenue to Higgins Road. The improvement provides for the removal of the existing hot-mix asphalt surface to a depth of 3 inches, full-depth patching of distressed concrete pavement with Class C Patches (10 inches), Reflective Crack Control Treatment, and resurfacing with Polymerized Leveling Binder (Machine Method), IL-19.0, N70 (3/4 inch) and Polymerized Hot-Mix Asphalt Surface Course, IL 9.5) Mix "F", N90 (2 1/4 inch). Also included in the improvement are resurfacing of the intersections; removal and replacement of damaged median including Types C-4, M-7, and barrier median; removal and replacement of damaged combination curb and gutter; guardrail removal and/or replacement; and, pavement striping. In addition, sidewalk will be selectively removed and replaced including ADA detectable warnings. Other work will include landscaping, traffic protection and other related road works.

It is the intent of Contract Section 12-V6043-05-SD to provide for the replacement of existing asphalt shoulder on both sides of Roselle road from Euclid Avenue to Palatine Road. The work will include the removal of the existing shoulder to 6 inches deep and replacement with Hot-Mix Asphalt Shoulder, 6 inch. Other work will include drainage repairs, landscaping, and traffic protection.

**ECONOMIC DISCLOSURE STATEMENT
AND EXECUTION DOCUMENTS
INDEX**

<u>Section</u>	<u>Description</u>
Instructions	Instructions for Completion of Economic Disclosure Statement Insert IDOT Certificate of Eligibility Insert IDOT Affidavit of Availability
1	DBE Utilization Plan DBE Participation Statement
2	Letter of Intent from DBE to Perform as Subcontractor, Supplier and/or Consultant
3	Petition for Reduction/Waiver of DBE Participation Goals
4	Contractor Certifications
5	Required Disclosures (Lobby, Local Business Preference, Real Estate Ownership) Affidavit of Child Support Obligations Disclosure of Ownership Interest Statement Familial Relationship Disclosure Provision
6	Contractor's Certification Concerning Labor Standards & Prevailing Wage Requirements Subcontractor's Certification Concerning Labor Standards & Prevailing Wage Requirements
7	Execution Pages: Sole Proprietor Signature Page Partnership 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: DBE Documentation. - (1 original set of documents) Sections 1 and 2 must be completed in order to satisfy the requirements of the County's DBE Ordinance, 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 DBE Participation must be completed.

Section 4: Certifications. - (1 original set of documents) 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.

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.



COOK COUNTY DEPARTMENT OF TRANSPORTATION AND HIGHWAY

DBE Utilization Plan

(1) Policy

It is public policy that disadvantageded businesses as defined in 49 CFR Part 26 and the Special Provision shall have the maximum opportunity to participate in the performance of contracts financed in whole or in part with Federal or State funds. Consequently the requirements of 49 CFR Part 26 apply to this contract.

(2) Obligation

The contractor agrees to ensure that disadvantageded businesses as defined in 49 CFR Part 26 and the Special Provision have the maximum opportunity to participate in the performance of contracts or subcontracts financed in whole or in part with Federal or State funds. The contractor shall take all necessary and reasonable steps in accordance with 49 CFR Part 26 and the Special Provision to ensure that said businesses have the maximum opportunity to compete for and perform under this contract. The contractor shall not discriminate on the basis of race, color, national origin or sex in the award and performance of contracts.

(3) Project and Bid Identification

Complete the following information concerning the project and bid:

Route	<u>V69, V60</u>	Total Bid	<u>2,256,359.33</u>
Section	<u>12-V6938-05-RS, 12-V6043-05-SD</u>	Contract DBE Goal	<u>25%</u> <u>564,089.83</u>
Project	<u>Group 2-2013 (Arlington Hts Rd & Roselle Rd)</u>		(Percent) (Dollar Amount)
County	<u>Cook</u>		
Letting Date	<u>January 30, 2013</u>		

(4) Assurance

I, acting in my capacity as an officer of the undersigned bidder (or bidders if a joint venture), hereby assure the Department that on this project my company : (check one)

- Meets or exceeds contract award goals and has provided documented participation as follows:
Disadvantaged Business Participation 26.8 percent

Attached are the signed participation statements, forms SBE 2025, required by the Special Provision evidencing availability and use of each business participating in this plan and assuring that each business will perform a commercially useful function in the work of the contract.

- Failed to meet contract award goals and has included good faith effort documentation to meet the goals and that my company has provided participation as follows:

Disadvantaged Business Participation _____ percent

The contract goals should be accordingly modified or waived. Attached is all information required by the Special Provision in support of this request including good faith effort. Also attached are the signed participation statements, forms SBE 2025, required by the Special Provision evidencing availability and use of each business participating in this plan and assuring that each business will perform a commercially useful function in the work of the contract.

Arrow Road Construction Company

By Nick Eichenold
Company

Title Nick Eichenold, Chief Estimator

Date January 30, 2013

The "as read" Low Bidder is required to comply with the Special Provision. Submit only one utilization plan for each project. The utilization plan shall be submitted in accordance with the special provision.

Cook County Department of Transportation and Highway
Contract Documents
69 West Washington Street - Suite 2200
Chicago, IL 60602

The Cook County Department of Transportation and Highway is requesting disclosure of information that is necessary to accomplish the purpose as outlined under State and Federal law. Disclosure of this information is REQUIRED. Failure to provide any information will result in the contract not being awarded. This form has been approved by the State Forms Manager Center.

COOK COUNTY LETTER OF INTENT
(Section 2)

FROM DBE TO PERFORM AS SUBCONTRACTOR, SUPPLIER AND/OR CONSULTANT

Contract Title & Number: Arlington Hts Rd & Roselle Rd - Conty. No. 13-28-021
From: Azteca Power Construction, Inc. (DBE Firm)
To: Arrow Road Construction, Inc. (Bidder/Proposer Firm) and the County of Cook

The Undersigned is prepared to provide the following services, supplies and project in connection with the above named contract (the "Contract") Each service performed and for item supplied will be detailed under Description of Service/Supply and Project with all services/items listed under Fee/Cost to equal the full dollar amount of the Letter of Intent. This form must be completed for each disadvantaged business participating in the Utilization Plan. Attach this form to the Utilization Plan form. If additional space is needed, complete an additional form for the firm.

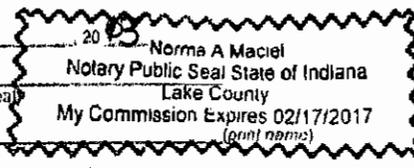
Pay Item No.	Description	Quantity	Fee/Cost
			\$ _____ %
			\$ _____ %
	<u>SEE ATTACHMENT</u>		\$ _____ %
			\$ _____ %
			\$ _____ %
<u>Total: \$ 100,480.00</u>			<u>100 %</u>

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.

Upon penalty of perjury, I SAMUEL ENRIQUET (print)
being the SECRETARY (title) and duly authorized
representative of the AZTECA POWER CONSTRUCTION (DBE)

I affirm that the foregoing information is true and correct and the services, supplies, and/or project indicated above will be supplied/performed for the above indicated total dollar amount \$ 100,480.00 which represents the above indicated total percentage 4.45 % for the contract amount \$ 2,256,359.33
[Signature] (Signature of affiant) 1/29/13 (Date)

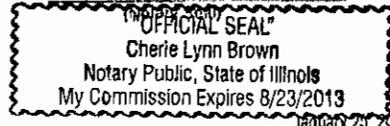
Subscribed and sworn to before me this 29th day of January 2013
[Signature] (Notary's Signature)



Upon penalty of perjury, Nick Eichenold (title) and duly authorized
representative of Arrow Road Construction, Inc. (Bidder/Proposer firm),

affirms that the foregoing information is true and correct and the services, supplies, and/or project indicated above will be supplied/performed for the above indicated total dollar amount \$ 100,480.00 which represents the above indicated total percentage 4.45 % for the contract amount \$ 2,256,359.33
[Signature] (Signature of affiant) 1/30/13 (Date)

Subscribed and sworn to before me this 30th day of January 2013
[Signature] (Notary's Signature)





COOK COUNTY DEPARTMENT OF TRANSPORTATION AND HIGHWAY DBE Participation Statement

Subcontractor Registration Number 0411

Letting January 30 2013

Participation Statement

Project: Arlington Hts Rd / Roselle Rd

(1) Instructions

Section No 12-V6938-05-RS / 12-V6043-05-SQ

This form must be completed for each disadvantaged business participating in the Utilization Plan. This form shall be submitted in accordance with the special provision and will be attached to the Utilization Plan form. If additional space is needed complete an additional form for the firm.

(2) Work

Table with 5 columns: Pay Item No., Description, Quantity, Unit Price, Total. Row 1: see Attached. Total: 30,300.00

(3) Partial Payment Items

For any of the above items which are partial pay items, specifically describe the work and subcontract dollar amount.

(4) Commitment

The undersigned certify that the information included herein is true and correct, and that the DBE firm listed below has agreed to perform a commercially useful function in the work of the contract item(s) listed above and to execute a contract with the prime contractor. The undersigned further understand that no changes to this statement may be made without prior approval from the Cook County Department of Transportation and Highway and that complete and accurate information regarding actual work performed on this project and the payment therefore must be provided to the Department.

Signature for Prime Contractor

Chief Estimator

Title

Date 1-30-13

Contact Person Nick Eichenold

Phone (847) 472-7260

Firm Name Arrow Road Construction Co.

Address P.O. Box 334

City/State/Zip Mt. Prospect, IL 60056-0334

Signature for DBE Firm

President

Title

Date January 30, 2013

Contact Person Whanna Perk

Phone 219-662-8090

Firm Name Hawk Enterprises, LLC

Address 1850 E. North St

City/State/Zip Crown Point, IN 46307

E WC

The Cook County Department of Transportation and Highway is requesting disclosure of information that is necessary to accomplish the statutory purpose of...



Item

Contract: CCHD Arlington Heights Rd.

Item No.	Description	Qty	Unit	Unit Price	Ext
70	MAINT OF EX TS INSTALL	5	EA	1,500.00	7,500.00
81	DETECTOR LOOP, TY I	1800	FT	16.00	28,800.00
				Total	\$36,300.00 ✓

Certified DBE

Sheet 1 of 1

1/21/2013 1:34 PM

COOK COUNTY LETTER OF INTENT (Section 2)

FROM DBE TO PERFORM AS SUBCONTRACTOR, SUPPLIER AND/OR CONSULTANT

Contract Title & Number Arlington Hts Rd /Roselle Rd , 12-V6938-05-RS / 12-V6043-05-SD

From Hawk Enterprises, Inc. (DBE Firm)

To Arrow Road Construction, Inc. (Bidder/Proposer Firm) and the County of Cook

The Undersigned is prepared to provide the following services, supplies and project in connection with the above named contract (the "Contract") Each service performed and for item supplied will be detailed under Description of Service/Supply and Project with all services/items totaled under Fee/Cost to equal the full dollar amount of the Letter of Intent. This form must be completed for each disadvantaged business participating in the Utilization Plan. Attach this form to the Utilization Plan form. (If additional space is needed, complete an additional form for the firm)

Table with 4 columns: Pay Item No, Description, Quantity, Fee/Cost. Row 1: See attached, \$, %. Row 2: See attached, \$, %. Total: \$ 36,300.00 100 %

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.

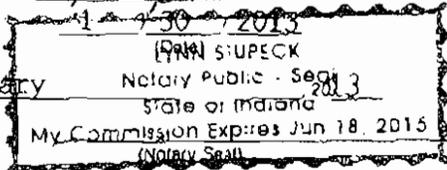
Upon Penalty of perjury, I Johanna Plank (print name), the President (title) and duly authorized representative of the Hawk Enterprises, Inc. (DBE firm)

I affirm that the foregoing information is true and correct and the services, supplies, and/or project indicated above will be supplied/performed for the above indicated total dollar amount \$ 36,300.00 which represents the above indicated total percentage 100% for the contract amount \$ 2,256,359.33

(Signature of affiant)

Subscribed and sworn to before me this 30th day of January

(Notary's Signature)



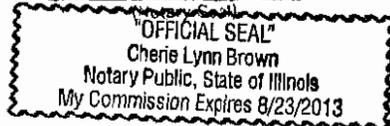
Upon penalty of perjury, I Nick Eichendorf (print name), the Chief Estimator (title) and duly authorized representative of Arrow Road Construction, Inc. (Bidder/Proposer firm)

I affirm that the foregoing information is true and correct and the services, supplies, and/or project indicated above will be supplied/performed for the above indicated total dollar amount \$ 36,300.00 which represents the above indicated total percentage 100% for the contract amount \$ 2,256,359.33

(Signature of affiant)

Subscribed and sworn to before me this 30th day of January 20 13

(Notary's Signature)





COOK COUNTY DEPARTMENT OF TRANSPORTATION AND HIGHWAY

DBE Participation Statement

Subcontractor Registration Number 2836

Letting January 30, 2013

Participation Statement

Project: Arlington Hts Roads *Roselle Rd*

(1) Instructions

Section No. 12-VL938-05-R5
12-VL6043-05-SA

This form must be completed for each disadvantaged business participating in the Utilization Plan. This form shall be submitted in accordance with the special provision and will be attached to the Utilization Plan form. If additional space is needed complete an additional form for the firm.

(2) Work

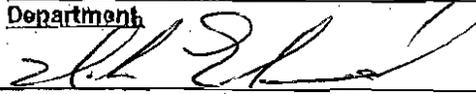
Pay Item No.	Description	Quantity	Unit Price	Total
	<i>see Attached</i>			
Total				<u>26,225.00</u>

(3) Partial Payment Items

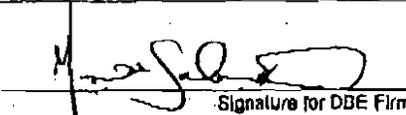
For any of the above items which are partial pay items, specifically describe the work and subcontract dollar amount:

(4) Commitment

The undersigned certify that the information included herein is true and correct, and that the DBE firm listed below has agreed to perform a commercially useful function in the work of the contract item(s) listed above and to execute a contract with the prime contractor. The undersigned further understand that no changes to this statement may be made without prior approval from the Cook County Department of Transportation and Highway and that complete and accurate information regarding actual work performed on this project and the payment therefore must be provided to the Department.


 Signature for Prime Contractor
Chief Estimator

Title _____
 Date 1-30-13
 Contact Person **Nick Eichenold**
 Phone **(847) 472-7260**
 Firm Name **Arrow Road Construction Co.**
 Address **P.O. Box 334**
 City/State/Zip **Mt. Prospect, IL 60056-0334**


 Signature for DBE Firm

Title **President**
 Date 1/29/2013
 Contact Person **Mike Saltjeral**
 Phone **773-521-9900**
 Firm Name **Industrial Fence Inc.**
 Address **1300 S Haliborn**
 City/State/Zip **Chicago IL 60623**

E _____
 WC _____

The Cook County Department of Transportation and Highway is providing disclosure of information that is necessary to accomplish the stated purpose of



Contractors * Fabricators * Erectors

Industrial Fence Inc. 1300 S. Kilbourn Avenue, Chicago IL 60623
 Telephone 773-521-8900 Facsimile 773-521-8904



Client: **General Contractor**

BID PROPOSAL # 13073

Estimate Date: **Monday, January 28, 2013**

Project Location **Arlington Heights Road & Roselle Road**

Attn: **Chief Estimator**

Specion # **12V6938-05-125, 12-V6043-06-30**

We would like to thank you for the opportunity to bid on this project. It has been a pleasure serving you. We express our sincere appreciation for your business. At Industrial Fence, Inc. We value your business and recognize the importance of service, quality and value.

Item #	Pay Item Description	UOM	Quantity	Unit Price	Total
50	GUARDRAIL REMOVAL	FOOT	875	5	4,375
51	STEEL PLATE BEAM GUARDRAIL, TYPE A	FOOT	812.5	20	18,250
52	TRAFFIC BARRIER TERMINAL, TYPE 1, SPECIAL	EACH	1	2,800	2,800
53	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	2	1,400	2,800

26,225.00

React 350 Attenuator rental is per year

(If chooses to participate in the Option for Steel Cost Adjustment

OPTION:



Exclusions:

- No Bituminous Shoulder Curing or Fill (art.630 DB) FOR GUARDRAIL INSTALLATION
- Concrete pads for attenuators by others
- No widening of existing shoulder for construction of TBT type 1 spl
- Not responsible for motorist cause highway damage

Per Hole **\$25.00**



- | | | |
|---|-------------------------------------|---|
| 1. Waiver of Subrogation &/or Railroad Insurance | 7. Layout and Grading | 13. Unforeseen Conditions |
| 2. Concrete removal or rock/hard ground drilling | 8. QA-QC Testing & Inspection | 14. Bid Valid for only 30 Days |
| 3. Demo of existing fencing or footings | 9. No Grounding | 15. Other than our current Insurance Coverage |
| 4. No Cleaning or Grubbing for fence removal or installation | 10. Grading or Restoration | 16. Temporary Fencing |
| 5. No bonds, permits, licenses and/or fees | 11. Multiple installations/removals | 17. Liquidated damages |
| 6. All work performed during regular work hours 7am to 3:30pm | 12. WBE / EEO Requirements | 18. Traffic Control, flagmen or trainees |

The above prices and specifications of this bid proposal are satisfactory and are hereby accepted. All work to be performed under normal conditions.

Client/Contractor:	Date:
Title:	
Industrial Fence Inc: Miko Saltjora 773-617-9734	Date:
Title:	Estimator

Cc: File

COOK COUNTY LETTER OF INTENT
(Section 2)

FROM DBE TO PERFORM AS SUBCONTRACTOR, SUPPLIER AND/OR CONSULTANT

Contract Title & Number: Arlington Heights Road & Roselle Road Contr. 13-28021

From: Industrial Fence Inc. (DBE Firm)

To: Arrow Road Construction, Inc. (Bidder/Proposer Firm) and the County of Cook

The Undersigned is prepared to provide the following services, supplies and project in connection with the above named contract (the "Contract"); Each service performed and for item supplied will be detailed under Description of Service/Supply and Project with all services/items listed under Fee/Cost to equal the full dollar amount of the Letter of Intent. This form must be completed for each disadvantaged business participating in the Utilization Plan. Attach this form to the Utilization Plan form. If additional space is needed, complete an additional form for the firm.

Pay Item No.	Description	Quantity	Fee/Cost
			\$ %
	See Attached		\$ %
			\$ %
Total:			<u>26,225.00</u> <u>100</u> %

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.

Upon Penalty of perjury, I, Mike Saltjeral (print name) the President (title) and duly authorized representative of the Industrial Fence Inc. (DBE Firm) affirm that the foregoing information is true and correct and the services, supplies, and/or project indicated above will be supplied/performed for the above indicated total dollar amount \$ 26,225.00 which represents the above indicated total percentage 1.162 % for the contract amount \$ 2,256,359.33

Mike Saltjeral (Signature of affiant) 01 29 2013 (Date)



Subscribed and sworn to before me this 29 day of January

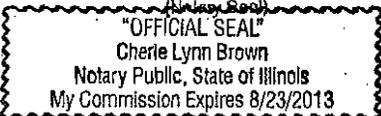
Rosa M Mendoza (Notary's Signature) (Notary Seal)

Upon penalty of perjury, Nick Eichenold (print name), the Chief Estimator (title) and duly authorized representative of Arrow Road Construction, Inc. (Bidder/Proposer Firm), affirm that the foregoing information is true and correct and the services, supplies, and/or project indicated above will be supplied/performed for the above indicated total dollar amount \$ 26,225.00 which represents the above indicated total percentage 1.162 % for the contract amount \$ 2,256,359.33

Nick Eichenold (Signature of affiant) 1 30 13 (Date)

Subscribed and sworn to before me this 30th day of January 2013

Cherie Lynn Brown (Notary's Signature)





COOK COUNTY DEPARTMENT OF TRANSPORTATION AND HIGHWAY

DBE Participation Statement

Subcontractor Registration Number 14612

Letting 1-30-13

Participation Statement

Project: Arlington Hts Rd & Roselle Rd

(1) Instructions

Section No. 12-16 938-05-RS d
12-V6043-05-SD

This form must be completed for each disadvantaged business participating in the Utilization Plan. This form shall be submitted in accordance with the special provision and will be attached to the Utilization Plan form. If additional space is needed complete an additional form for the firm.

(2) Work

Pay Item No.	Description	Quantity	Unit Price	Total
24	HMA SURFACE REMOVAL 3"	31,500 sy	\$1,271/sy	\$40,005.00
Total				\$40,005.00

(3) Partial Payment Items

For any of the above items which are partial pay items, specifically describe the work and subcontract dollar amount:

Trucking Only

(4) Commitment

The undersigned certify that the information included herein is true and correct, and that the DBE firm listed below has agreed to perform a commercially useful function in the work of the contract item(s) listed above and to execute a contract with the prime contractor. The undersigned further understand that no changes to this statement may be made without prior approval from the Cook County Department of Transportation and Highway and that complete and accurate information regarding actual work performed on this project and the payment therefore must be provided to the Department.

[Signature]
 Signature for Prime Contractor
Chief Estimator
 Title 1-30-13.
 Date Nick Eichenoid
 Contact Person
 Phone (847) 472-7260
 Firm Name Arrow Road Construction Co.
 Address P.O. Box 334
 City/State/Zip Mt. Prospect, IL 60056-0334

[Signature]
 Signature for DBE Firm
 Title President
 Date 01-28-2013
 Contact Person Jose Jasso
 Phone 773-457-6686
 Firm Name J. Jasso Trucking, Co
 Address 5719 S. Homan Ave
 City/State/Zip Chicago, IL 60629

COOK COUNTY LETTER OF INTENT
(Section 2)

LETTER OF INTENT TO PERFORM AS SUBCONTRACTOR SUPPLYER AND MOBILIZATION

Contract Title & Number: Arlington Hts. Rd & Roselle Rd 13-28-001
From: J. Jasso Trucking, Company (Bidder/Proposer Firm)
To: Arrow Road Construction Company (Bidder/Proposer Firm) and the County of Cook

The undersigned is prepared to provide the following services, supplies and project mobilization with the above named contract (the "Contract").
Such services, supplies and project mobilization will be provided under execution of Bidder/Supplier and Project work services/expense totaling an amount equal to that of the full dollar amount of the Letter of Intent. This form must be completed for each disadvantaged business participating in the Utilization Plan. Attach this form to the Utilization Plan form. If additional space is needed, complete an additional form for the firm.

Pay Item #	Description	Quantity	Unit Cost	Total Cost
24	HMA Surf Rem 311	31,500	1.27/sy	\$40,005.00
				100
				40,005.00
				100

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 Services/Supply and Fee/Cost were completed.

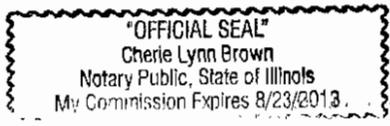
Accepted and Agreed by: Jose Jasso President
of the Jasso Trucking, Co

Accepted and Agreed by: Jose Jasso 01 20 2013
Total amount of work to be performed: 40,005.00
Total amount of work to be performed: 2,256,359.33

Accepted and Agreed by: John S. Mueller January 13, 2013
of the Arrow Road Construction Co.
Chief Estimator



Accepted and Agreed by: Cherilyn Brown January 13, 2013
of the Arrow Road Construction Co.



1.572

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**COOK COUNTY DEPARTMENT OF TRANSPORTATION
AND HIGHWAY**

DBE Participation Statement

Subcontractor Registration Number 412-C

Letting JANUARY 30, 2013

Participation Statement

Project ARLINGTON HEIGHTS/ROSELLE A

(1) Instructions

Section No. 12-V6938-05-RS

This form must be completed for each disadvantaged business participating in the Utilization Plan. This form shall be submitted in accordance with the special provision and will be attached to the Utilization Plan form. If additional space is needed complete an additional form for this item.

12-V6093-05-SD

(2) Work

Pay Item No.	Description	Quantity	Unit Price	Total
75	THERMOPLASTIC MARKINGS 6" S	650	3.25	212.50
76	THERMOPLASTIC MARKINGS 12"	1370	1.20	1644.00
77	THERMOPLASTIC MARKINGS 24"	370	2.50	925.00
78	THERMOPLASTIC MARKINGS 4"	37400	0.45	16830.00
79	THERMOPLASTIC MARKINGS 6"	2600	0.60	1560.00
80	THERMOPLASTIC MARKINGS 8"	3800	0.75	2850.00
Total				<u>25,921.50</u>

(3) Partial Payment Items

For any of the above items which are partial pay items, specifically describe the work and subcontract dollar amount:

(4) Commitment

The undersigned certify that the information included herein is true and correct, and that the DBE firm listed below has agreed to perform a commercially useful function in the work of the contract item(s) listed above and to execute a contract with the prime contractor. ~~This undersigned further represents that no changes to this statement may be made without prior approval from the Cook County Department of Transportation and Highway and that complete and accurate information regarding actual work performed on this project and the payment therefore must be provided to the Department.~~

[Signature]
Signature for Prime Contractor

[Signature]
Signature for DBE Firm

Chief Estimator

Title _____

Title VICE-PRESIDENT

Date 1-30-13

Date JANUARY 28, 2013

Contact Person Nick Eichenold

Contact Person FRED SALAZAR

Phone (847) 472-7260

Phone 847-931-9092

Firm Name Arrow Road Construction Co.

Firm Name PRECISION PAVEMENT MARKINGS, INC

Address P.O. Box 334

Address 559 COLUMBIA AVE

City/State/Zip Mt. Prospect, IL 60056-0334

City/State/Zip ELGIN, IL 60120

The Cook County Department of Transportation and Highway is committed to providing a fair and equitable environment for all participants in the transportation process.

70 P 2

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COOK COUNTY DEPARTMENT OF TRANSPORTATION AND HIGHWAY DBE Participation Statement

Subcontractor Registration Number 412-C

Letting JANUARY 30, 2013

Participation Statement

Project: ARLINGTON HEIGHTS/ROSELLE

(1) Instructions

Section No. 12-V6938-05-R5

This form must be completed for each disadvantaged business participating in the Utilization Plan. This form shall be submitted in accordance with the special provision and will be attached to the Utilization Plan form. If additional space is needed complete an additional form for this firm.

12-V6043-05-50

(2) Work

Table with 5 columns: Pay Item No., Description, Quantity, Unit Price, Total. Row 1: 34, REPLACEMENT OF RAISED REFL. PAVEMENT MARK, 310, 21.00, 6510.00. Total: 6510.00

(3) Partial Payment Items

For any of the above items which are partial pay items, specifically describe the work and subcontract dollar amount:

(4) Commitment

The undersigned certify that the information included herein is true and correct, and that the DBE firm listed below has agreed to perform a commercially useful function in the work of the contract item(s) listed above and to execute a contract with the prime contractor. The undersigned further understand that no changes to this statement may be made without prior approval from the Cook County Department of Transportation and Highway and that complete and accurate information regarding actual work performed on this project and the payment therefore must be provided to the Department.

Signature for Prime Contractor

Signature for DBE Firm

Title Chief Estimator

Title VICE-PRESIDENT

Date 1-30-13

Date JANUARY 28, 2013

Contact Person Nick Eichenold

Contact Person FRED SALAZAR

Phone (847) 472-7260

Phone 847-931-9092

Firm Name Arrow Road Construction Co.

Firm Name PRECISION PAVEMENT MARKINGS, INC

Address P.O. Box 334

Address 559 COLUMBIA AVE

City/State/Zip Mt. Prospect, IL 60056-0334

City/State/Zip ELGIN, IL 60120

Small text at the bottom of the page regarding the Department of Transportation and Highway.

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COOK COUNTY LETTER OF INTENT
(Section 2)

FROM ONE TO PERFORM AS SUBCONTRACTOR, SUPPLIER AND/OR CONSULTANT

Contract Title & Number: ARLINGTON HEIGHTS AND ROSELLE RD. - CONTRACT # - 13-28-021

From: PRECISION PAVEMENT MARKINGS, INC (DBE Firm)

To: Arrow Road Construction Company (Bidder/Proposer Firm) and the County of Cook

The Undersigned is prepared to provide the following services, supplies and project in connection with the above named contract (the "Contract"): Each service performed and for items supplied will be detailed under Description of Service/Supply and Project with all services/items listed under Fee/Cost to equal the full dollar amount of the Letter of Intent. This form must be completed for each disadvantaged business participating in the Utilization Plan. Attach this form to the Utilization Plan form. If additional space is needed, complete an additional form for the firm.

Payment	Description	Quantity	UNIT	Fee/Cost
75	THERMOPLASTIC L15	650	\$3.25 =	2112.50 100 %
76	THERMOPLASTIC 12"	1370	\$1.20 =	1644.00 100 %
77	THERMOPLASTIC 24"	370	\$2.50 =	925.00 100 %
78	THERMOPLASTIC 4"	37400	0.45 =	16830.00 100
79	THERMOPLASTIC 6"	2600	0.60 =	1560.00 100
80	THERMOPLASTIC 8"	3800	0.75 =	2850.00 100
			Totals	25,921.50 100 %

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.

Upon penalty of perjury, I ALFREDO SALAZAR JR (print)

name) the VICE PRESIDENT (title) and duly authorized representative of the PRECISION PAVEMENT MARKINGS, INC (DBE)

(I/We) affirm that the foregoing information is true and correct and the services, supplies, and/or project indicated above will be supplied/performed for the above indicated total dollar amount \$ 25,921.50 which represents the above indicated total percentage 1.149 % for the contract amount \$ 2,256,359.37

Alfredo Salazar Jr (Signature of affiant) 1/29, 2013 (Date)

Subscribed and sworn to before me this 29 day of January, 2013
Notary Seal (Notary Seal)

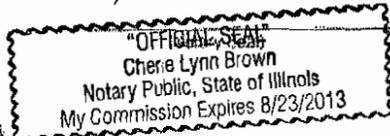


Upon penalty of perjury, Nick Eichlehold (title) and duly authorized representative of Arrow Road Construction Co. (Bidder/Proposer Firm),

affirms that the foregoing information is true and correct and the services, supplies, and/or project indicated above will be supplied/performed for the above indicated total dollar amount \$ 25,921.50 which represents the above indicated total percentage 1.149 % for the contract amount \$ 2,256,359.37

Nick Eichlehold (Signature of affiant) 1/30, 13 (Date)

Subscribed and sworn to before me this 30th day of January, 2013
Cherie Lynn Brown (Notary's Sig.)



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COOK COUNTY LETTER OF INTENT (Section 2)

FROM DBE TO PERFORM AS SUBCONTRACTOR, SUPPLIER AND/OR CONSULTANT

Contract Title & Number: ARLINGTON HEIGHTS AND ROSELLE RD. - CONTRACT # - 13-28-021
From: PRECISION PAVEMENT MARKINGS, INC (DBE Firm)
To: ARROW ROAD CONSTRUCTION COMPANY (Bidder/Proposer Firm) and the County of Cook

The Undersigned is prepared to provide the following services, supplies and project in connection with the above named contract (the "Contract"). Each service performed and for item supplied will be detailed under Description of Service/Supply and Project with all services/items listed under Fee/Cost to equal the full dollar amount of the Letter of Intent. This form must be completed for each disadvantaged business participating in the Utilization Plan. Attach this form to the Utilization Plan form. If additional space is needed, complete an additional form for the firm.

Table with 5 columns: Pay Item No., Description, Quantity, Unit, Fee/Cost. Row 1: 74 REPL. RAISED PAV. MARK, 310, \$ 21.00 = 6510.00, 100 %

Total \$ 6510.00 100 %

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.

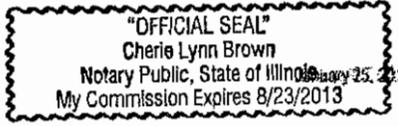
Upon penalty of perjury, I ALFRED SALAZAR JR. (name) the VICE - PRESIDENT (title) and duly authorized representative of the PRECISION PAVEMENT MARKINGS, INC (DBE Firm) affirm that the foregoing information is true and correct and the services, supplies, and/or project indicated above will be supplied/performed for the above indicated total dollar amount \$ 6510.00 which represents the above indicated total percentage 289 % for the contract amount \$ 2,256,359.33

Subscribed and sworn to before me this 29 day of January, 2013. (Notary Signature) (Notary Seal)



Upon penalty of perjury, Nick Eichenold (name) and duly authorized representative of Arrow Road Construction Co. (Bidder/Proposer firm) affirm that the foregoing information is true and correct and the services, supplies, and/or project indicated above will be supplied/performed for the above indicated total dollar amount \$ 6510.00 which represents the above indicated total percentage 289 % for the contract amount \$ 2,256,359.33

Subscribed and sworn to before me this 30th day of January, 2013. (Notary Signature) (Notary Seal)





COOK COUNTY DEPARTMENT OF TRANSPORTATION AND HIGHWAY

DBE Participation Statement

Subcontractor Registration Number

14343

Letting

1-30-13

Participation Statement

Project

Arlington Hts Rd & Roselle Rd

(1) Instructions

Section No.

12-V6938-05-RS &
12-V6043-05-SD

This form must be completed for each disadvantaged business participating in the Utilization Plan. This form shall be submitted in accordance with the special provision and will be attached to the Utilization Plan form. If additional space is needed complete an additional form for the firm.

(2) Work

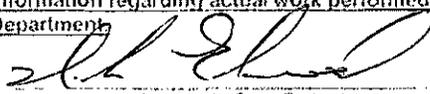
Pay Item No.	Description	Quantity	Unit Price	Total
	See Attached			
				Total 370,644.50

(3) Partial Payment Items

For any of the above items which are partial pay items, specifically describe the work and subcontract dollar amount

(4) Commitment

The undersigned certify that the information included herein is true and correct, and that the DBE firm listed below has agreed to perform a commercially useful function in the work of the contract item(s) listed above and to execute a contract with the prime contractor. The undersigned further understand that no changes to this statement may be made without prior approval from the Cook County Department of Transportation and Highway and that complete and accurate information regarding actual work performed on this project and the payment therefor must be provided to the Department.


 Signature for Prime Contractor
Nick Eichenold
 Title
 Date 1-30-13
 Contact Person
 Phone (847) 472-7260
 Firm Name Arrow Road Construction Co.
 Address P.O. Box 334
 City/State/Zip Mt. Prospect, IL 60056-0334


 Signature for DBE Firm
 Title President
 Date 1/29/2013
 Contact Person Girma Ramond
 Phone (630) 562-2234
 Firm Name RAI CONCRETE INC
 Address 1827 Blackhawk Dr
 City/State/Zip West Chicago, IL 60085

Selected Vendors

4526 RAI Concrete, Inc.
 Contact: Nick Raimondi
 Phone: (630) 562-2234
 Fax: (630) 562-2345
 Mobile: 630-675-6332
 Address: 1827 Blackhawk Dr
 West Chicago, IL 60185

Quote Folder: CONCRETE

Client #	Description	Quantity Unit	Price	Extension
28	PCC Bs Crse 10"	100.00 SQYD	57.0000	5,700.00
29	PCC Drwy Pvt 8"	124.00 SQYD	55.0000	6,820.00
30	PCC Sdwlk, 5"	1,100.00 SQFT	4.5000	4,950.00
31	Protective Coat	6,350.00 SQYD	2.2500	14,287.50
32	Combo C&G Rem	2,110.00 FOOT	4.0000	8,440.00
33	Drwy Pvt Rem	124.00 SQYD	18.0000	2,232.00
34	Median Rem	800.00 SQFT	3.0000	2,400.00
35	Pvt Rem	490.00 SQYD	14.0000	6,860.00
36	Sdwlk Rem	1,100.00 SQFT	1.5000	1,650.00
37	CL C Patch, TY I, 10"	520.00 SQYD	55.0000	28,600.00
38	CL C Patch, TY II, 10"	2,200.00 SQYD	50.0000	110,000.00
39	CL C Patch, TY III, 10"	1,580.00 SQYD	55.0000	86,900.00
40	CL C Patch, TY IV, 10"	670.00 SQYD	55.0000	36,850.00
41	Pvt Replc	5.00 SQYD	200.0000	1,000.00
44	Detect Warning	200.00 SQFT	27.5000	5,500.00
45	Combo Concrete C&G, Ty B6.12	100.00 FOOT	21.5000	2,150.00
46	Combo Concrete C&G, Ty B6.24	1,100.00 FOOT	23.5000	25,850.00
47	Combo Concrete C&G, Ty M2.12	1,010.00 FOOT	15.5000	15,655.00
48	Concrete Median Ty C-4	800.00 SQFT	6.0000	4,800.00

Vendor Total: 370,644.50
Vendor Minority Amount: WBE 100 % 370,644.50

COOK COUNTY LETTER OF INTENT
(Section 2)

FROM DBE TO PERFORM AS SUBCONTRACTOR, SUPPLIER, AND/OR CONSULTANT

Contract Title & Number Arlinch Hls Rd Closele Rd - 13-28-021
From RAI CONCRETE INC (DBE Firm)
To Arrow Road Construction Company (Bidder/Proposer Firm) and the County of Cook

The Undersigned is prepared to provide the following services, supplies and project in connection with the above named contract (the "Contract") and service performed and for firm supplied will be retained under Description of Service/Supply and Project with all services/supplies totaled under Fee/Cost to equal the full dollar amount of the Letter of Intent. This form must be completed for each disadvantaged business participating in the Utilization Plan. Attach this form to the Utilization Plan form. If additional space is needed, complete an additional form for the firm.

Pay Item No.	Description	Quantity	Fee/Cost
	see Attached		

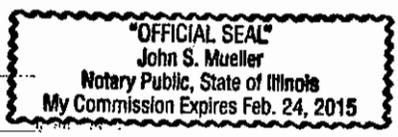
total \$ 370,644.50 100 %

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.

Authorized by CARNELL RAMONDI (Signature)
President (Title)
representative of the RAI CONCRETE INC (Firm Name)

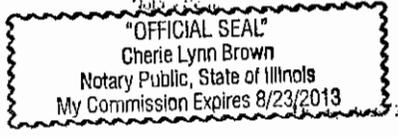
I affirm that the foregoing information is true and correct and the services, supplies and/or project indicated above will be supplied/performed for the above indicated total dollar amount \$ 370,644.50 which represents the above indicated 100% percentage for the contract amount \$ 2,256,359.33 dated 1-29-2013

Subscribed and sworn to before me this 29th day of January, 2013
John S. Mueller (Signature)
Notary Public (Title)



Authorized by Nick Eichenold (Signature)
Chief Estimator (Title)
representative of the Arrow Road Construction (Firm Name)
I affirm that the foregoing information is true and correct and the services, supplies and/or project indicated above will be supplied/performed for the above indicated total dollar amount \$ 370,644.50 which represents the above indicated 100% percentage for the contract amount \$ 2,256,359.33 dated 1-30-13

Subscribed and sworn to before me this 30th day of January, 2013
Cherie Lynn Brown (Signature)
Notary Public (Title)



PETITION FOR WAIVER OF DBE PARTICIPATION
(SECTION 3)

A. BIDDER/PROPOSER HEREBY REQUESTS:

- FULL DBE WAIVER
- FULL DBE WAIVER
- REDUCTION (PARTIAL DBE PARTICIPATION)
 _____% of Reduction for DBE Participation
 _____% of Reduction for DBE 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. All supporting documentations shall be submitted with bid/proposal/quotation.

- 1) Lack of sufficient qualified DBE 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 DBE in accordance with the applicable participation (please explain)
- 3) Price quoted by potential DBE are above competitive levels and increase cost of doing business and would make acceptance of such DBE bid economically impracticable, taking into consideration the percentage of total contract price represented by such DBE bid (please explain)
- 4) There are other relevant factors making it impossible or economically infeasible to utilize and/or DBE firms (please explain)

C. GOOD FAITH EFFORTS TO OBTAIN DBE PARTICIPATION

Bidder/Proposer shall check each item applicable to its reason for a waiver request. Additionally, supporting documentation shall be submitted with this request. All supporting documentation shall be submitted with bid/proposal/quotation.

- 1) Made timely written solicitation to identified DBE for utilization of goods and/or services; and provided DBE with a timely opportunity to review and obtain relevant specifications, terms and conditions of the bid to enable DBE to prepare an informed response to solicitation (please attach)
- 2) Followed up initial solicitation of DBE 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 DBE for supply of goods and services (please attach)
- 4) Use the services and assistance of the Contract Administrator (please explain)
- 5) Engaged DBE for indirect participation (please explain)

D. OTHER RELEVANT INFORMATION

Attach any other documentation relative to Good Faith Efforts in complying with DBE participation.

DBE GOOD FAITH EFFORTS CHECKLIST

This Checklist must be submitted with the Bid if the Project Specific DBE Goal was not fully achieved. Attach the Log of Contacts and additional sheets as necessary and other documentation to support Good Faith Efforts. If any of the items below were not completed, attach a detailed written explanation why each such item was not completed. If any other efforts were made to obtain DBE participation in addition to the items listed below, attach a detailed written explanation.

CHECKED BY BIDDER IF COMPLETED

- ___ Soliciting through all reasonable and available means (e.g. attendance at pre-bid meetings, advertising and/or written notices) the interest of all certified DBE companies that have the capability to perform the work of the contract. The bidder must solicit this interest within sufficient time to allow the DBE companies to respond to the solicitation. The bidder must determine with certainty if the DBE companies are interested by taking appropriate steps to follow up initial solicitations.
- ___ Selecting portions of the work to be performed by DBE companies in order to increase the likelihood that the DBE goals will be achieved. This includes, where appropriate, breaking out contract work items into economically feasible units to facilitate DBE participation, even when the prime Contractor might otherwise prefer to perform these work items with its own forces.
- ___ Providing interested DBE companies with adequate information about the plans, specifications, and requirements of the contract in a timely manner to assist them in responding to a solicitation.
- ___ a. Negotiating in good faith with interested DBE companies. It is the bidder's responsibility to make a portion of the work available to DBE subcontractors and suppliers and to select those portions of the work or material needs consistent with the available DBE subcontractors and suppliers, so as to facilitate DBE participation. Evidence of such negotiation includes the names, addresses, and telephone numbers of DBE companies that were considered; a description of the information provided regarding the plans and specifications for the work selected for subcontracting; and evidence as to why additional agreements could not be reached for DBE companies to perform the work.
- ___ b. A bidder using good business judgment would consider a number of factors in negotiating with subcontractors, including DBE subcontractors, and would take a firm's price and capabilities as well as contract goals into consideration. However, the fact that there may be some additional costs involved in finding and using DBE companies is not in itself sufficient reason for a bidder's failure to meet the contract DBE goal, as long as such costs are reasonable. Also, the ability or desire of a bidder to perform the work of a contract with its own organization does not relieve the bidder of the responsibility to make good faith efforts. Bidders are not, however, required to accept higher quotes from DBE companies if the price difference is excessive or unreasonable.
- ___ Not rejecting DBE companies as being unqualified without sound reasons based on a thorough investigation of their capabilities. The bidder's standing within its industry, membership in specific groups, organizations, or associations and political or social affiliations (for example union vs. non-union employee status) are not legitimate causes for the rejection or non-solicitation of bids in the bidder's efforts to meet the project goal.
- ___ Made efforts to assist interested DBE companies in obtaining bonding, lines of credit, or insurance as may be required for performance of the contract (if applicable).
- ___ Making efforts to assist interested DBE companies in obtaining necessary equipment, supplies, materials, or related assistance or services.
- ___ Effectively using the services of available minority/women community organizations; minority/women contractors' groups; local, state, and federal minority/women business assistance offices; and other organizations as allowed on a case-by-case basis to provide assistance in the recruitment and placement of DBE companies.

**Good Faith Efforts Contacts Log for Soliciting
DBE Subcontractor or Supplier Participation
(Please duplicate as needed)**

Use this form to document all contacts and responses (telephone, e-mail, fax, etc.) regarding the solicitation of subconsultants, subcontractors and suppliers. Duplicate as needed. (It is not necessary to show contacts with which the Vendor reached an agreement to participate on this project, as shown on the DBE Utilization Plan.)

Name of DBE Subcontractor/Supplier: _____

Contact Person: _____ Title: _____

Address: _____

E mail: _____ Telephone No: _____

Date of contract: _____ Method of contact: _____

Scope of work solicited: _____

Reason agreement was not reached: _____

Name of DBE Subcontractor/Supplier: _____

Contact Person: _____ Title: _____

Address: _____

E mail: _____ Telephone No: _____

Date of contract: _____ Method of contact: _____

Scope of work solicited: _____

Reason agreement was not reached: _____

Name of DBE Subcontractor/Supplier: _____

Contact Person: _____ Title: _____

Address: _____

E mail: _____ Telephone No: _____

Date of contract: _____ Method of contact: _____

Scope of work solicited: _____

Reason agreement was not reached: _____

CONTRACTOR 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) Sheriffs 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
<u>None</u>	

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: X No: _____

b) If yes, list business addresses (es) within Cook County:

3401 S. Busse Rd., Mt. Prospect, IL 60056

c) Does Bidder employ the majority of its regular full-time workforce within Cook County?

Yes: X No: _____

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) X The following is a complete list of all real estate owned by the Undersigned in Cook County:

08-23-300-036-0000

PERMANENT INDEX NUMBER(S): 08-23-300-055-0000

08-27-200-005-0000

08-27-200-006-0000

(ATTACH SHEET IF NECESSARY TO LIST ADDITIONAL INDEX NUMBERS)

OR:

b) _____ 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:

N/A

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 Applicant or Stock/Beneficial Interest Holder

This Statement is an: Original Statement or Amended Statement

Identifying Information:

Name Arrow Road Construction Co. D/B/A: _____ EIN NO.: 36-2214203

Street Address: 3401 S. Busse Rd., P.O. Box 334

City: Mt. Prospect State: IL Zip Code: 60056

Phone No: 847-437-0700

Form of Legal Entity:

- Sole Proprietor Partnership 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
John F. Healy - President	- 1726 Kay Rd, Wheaton, IL 60187	100%

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
N/A		

3. Is the Applicant constructively controlled by another person or Legal Entity? Yes 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
N/A			

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.

I state under oath that the Holder has withheld no disclosure as to ownership interest nor reserved any information required to be disclosed.

John F. Healy
Name of Authorized Applicant/Holder Representative (please print or type)

President
Title

John F. Healy
Signature

1/30/13
Date

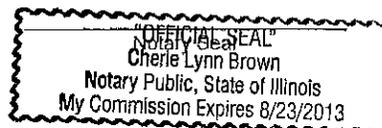
nicke@arrowroad.com
E-mail address

847-437-0700
Phone Number

Subscribed to and sworn before me this 30th day of Jan., 2013

My commission expires: 8/23/13

x *Cherie Lynn Brown*
Notary Public Signature





COOK COUNTY BOARD OF ETHICS

69 W. WASHINGTON STREET, SUITE 3040
CHICAGO, ILLINOIS 60602
312/603-4304
312/603-9988 FAX 312/603-1011 TTY/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 disclosure required by this section shall be filed by January 1 of each calendar year or within thirty (30) days of the execution of any contract or lease. 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/ee_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 | ▪ Grandparent | ▪ Stepfather |
| ▪ Child | ▪ Grandchild | ▪ Stepmother |
| ▪ Brother | ▪ Father-in-law | ▪ Stepson |
| ▪ Sister | ▪ Mother-in-law | ▪ Stepdaughter |
| ▪ Aunt | ▪ Son-in-law | ▪ Stepbrother |
| ▪ Uncle | ▪ Daughter-in-law | ▪ Stepsister |
| ▪ Niece | ▪ Brother-in-law | ▪ Half-brother |
| ▪ Nephew | ▪ Sister-in-law | ▪ 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

Cook County Department of Transportation and Highway

Project: Group 2-2013, Arlington Hts Rd & Roselle Rd

Section: 12-V6938-05-RS & 12-V6043-05-SD

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: John F. Healy Title: President

Business Entity Name: Arrow Road Construction Co Phone: 847-437-0700

Business Entity Address: 3401 S. Busse Rd., P.O. Box 334, Mt. Prospect, IL 60056

_____ 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.

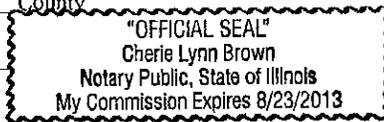
X There is *no* familial relationship that exists between the owner or any employee of the business entity contracted to do business with Cook County and any person holding elective office in the State of Illinois, Cook County, or in any municipality within Cook County.

To the best of my knowledge and belief, the information provided above is true and complete.

John F. Healy January 30, 2013
Owner/Employee's Signature Date

Subscribe and sworn before me this 30th Day of January, 2013
a Notary Public in and for Cook County

Cherie Lynn Brown
(Signature)



NOTARY PUBLIC
SEAL

My Commission expires 8/23/13

Completed forms must be filed within 30 days of the execution of any contract or lease with Cook County and should be mailed to:

Cook County Board of Ethics
69 West Washington Street,
Suite 3040
Chicago, Illinois 60602

CONTRACTOR'S
CERTIFICATION CONCERNING LABOR STANDARDS
AND
PREVAILING WAGE REQUIREMENTS
(SECTION 6)

To Contractor:

County of Cook
 69 W. Washington Street
 Chicago, IL 60602

Date: January 30, 2013
 Project Number: 13-28-021
 Project Name Arlington Hts Rd & Roselle Rd
 Sec. 12-V6938-05-RS
 Sec. 12-V6043-05-SD

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 will be 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:

Arrow Road Construction Company
 3401 S. Busse Rd., P.O. Box 334
 Mt. Prospect, IL 60056
 - (b) The undersigned is (check one):

<input type="checkbox"/>	Sole Proprietorship	
<input type="checkbox"/>	Partnership	
<input checked="" type="checkbox"/>	Corporation	
<input type="checkbox"/>	Other Organization (Describe)	
 - (c) The name, title and address of the owner, partners or officers of the undersigned are:

NAME	TITLE	ADDRESS
<u>John F. Healy</u>	<u>- President -</u>	<u>1726 Kay Rd, Wheaton, IL 60187</u>
<u>Michael J. Salmon</u>	<u>- Vice President/Secretary</u>	<u>300 N. State St., Chicago, IL 60610</u>
<u>Wayne E. Healy</u>	<u>- Treasurer -</u>	<u>1441 Fox Lane, Hinsdale, IL 60521</u>

(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		

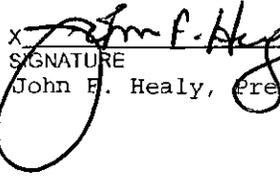
(e) The names and addresses and trade classifications of all other building construction contractors in which the undersigned has a substantial interest is (if none, so state):

NAME	ADDRESS	TRADE CLASSIFICATION
None		

DATE 1/30/13

Arrow Road Construction Company

CONTRACTOR

X 
 SIGNATURE
 John F. Healy, President

**SUBCONTRACTOR'S CERTIFICATION CONCERNING
LABOR STANDARDS AND PREVAILING WAGE REQUIREMENTS**
(Section 6)

To Contractor.

Arrow Road Construction,
P.O. Box 334
mt. Prospect, IL 60056

Date: 1-30-13
Project Number: 12-V6938-05-BS & 12-V6043-05-SD
Project Name: Arlington Hts Rd & Roselle Rd, 13-28-021

1. The undersigned, if awarded a contract with Arrow Road Construction, LLC.

(Contractor)

for sewer

(Nature of Work)

_____ in the amount of \$100,480.00 in the construction of the above-identified project,

certifies that:

- (a) The Labor Standards provisions of the Contract for Construction will be 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(e) 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:

Arteca Power Construction, LLC.
6110 S. LaSalle Street
Chicago, IL 60621

NAME	TITLE	ADDRESS
SEE ATTACHED		

DATE 1-30-13

SUBCONTRACTOR
X [Signature]
SIGNATURE

Azteca Power Construction, Inc.

6110 S. LaSalle Street
 Chicago, IL 60621
 773-643-7278 Fax: 773-643-0808

OWNERS/PARTNERS

NAME		TITLE	ADDRESS	
Jaime Gonzalez		V. President	4508 S. Komensky, Chicago, IL 60632	
Norma Maciel		President	841 116th St., Whiting, IN 48394	
Alfonso Tenorio		Partner	3853 S. Albany, Chicago, IL 60632	
Enrique Cahue		Partner	4818 Keeler, Chicago, IL 60632	
Samuel Enriquez		Secretary	1517 Calumet Ave, Whiting, IN 48394	

**SUBCONTRACTOR'S CERTIFICATION CONCERNING
LABOR STANDARDS AND PREVAILING WAGE REQUIREMENTS**
(Section 6)

To Contractor:
Arrow Road Construction
P.O. BOX 334
Mt. Prospect, IL 60056

Date: **1-28-13**
Project Number: **13-28-021**
Project Name: **Group 2 - Actinston Heights + Rosell RD.**

The undersigned, if awarded a contract with **Arrow Road Construction**
Landscaping for **Landscaping**
(Contractor)
in the amount of \$ **40,288.40** in the construction of the above-identified project,
certifies that:

- (a) The Labor Standards provisions of the Contract for Construction will be 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 eligible contractor by the Comptroller General of the United States pursuant to Section 5.0(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. 275a-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.

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.

His workers will report for duty on **TBD**
(Date)

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, partner or officers of the undersigned are:

Brancato Landscaping, INC.
860 Greenleaf
Elk Grove Village, IL
60007

NAME	TITLE	ADDRESS
Joseph Brancato	President	860 Greenleaf Elk Grove Vill
Anthony Brancato	Vice President	860 Greenleaf Elk Grove IL

Date:

1-28-13

SUBCONTRACTOR

SIGNATURE

**SUBCONTRACTOR'S CERTIFICATION CONCERNING
LABOR STANDARDS AND PREVAILING WAGE REQUIREMENTS**
(Section 8)

To Contractor:

Arrow Road Construction
P.O. Box 334
Mt. Prospect, IL 60056

Date: 01/29/2013

Project Number: 12V6938-05-05, 12-V0043-05-SO

Project Name: Arlington Height Rd Roseville Rd

1. The undersigned, if awarded a contract with Arrow Road Construction, LLC
(Contractor)
for guardrail
(Nature of Work)
in the amount of \$ 26,225.00 in the construction of the above-identified project,
certifies that:

- (a) The Labor Standards provisions of the Contract for Construction will be 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(e) 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)

Industrial Fence, LLC
1300 S. Kilbourn
Chicago, IL 60623

(c) The name and address of the owner, partners or officers of the undersigned are:

NAME	TITLE	ADDRESS
Mike Saltjoral	President	1300 S Kilbourn Chicago IL 60623

DATE 01/29/2013

SUBCONTRACTOR
X [Signature]
SIGNATURE

SUBCONTRACTOR'S CERTIFICATION CONCERNING LABOR STANDARDS AND PREVAILING WAGE REQUIREMENTS (Section 6)

To Contractor:

Arrow Road Construction, LLC
P.O. Box 334
Mt. Prospect, IL 60056

Date: 1/30/2013
Project Number: Sect # 12 - V6938-05 - R5 12-V6098-05 - SD
Project Name: Arlington Hills Rd & Rose Hill Rd.

The undersigned, if awarded a contract with Arrow Road Const (Contractor) for Traffic Control Equipment in the amount of \$ 58,903.00 in the construction of the above-identified project, certifies that:

- (a) The Labor Standards provisions of the Contract for Construction will be 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 (49 USC 2706-2(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.

NAFISO, INC.
808 FORESTWOOD DR.
ROMEVILLE, IL 60446

NAME TITLE ADDRESS
Deborah K. Mortensen, President, 952 Hidden Lake Rd, Naperville, IL
John H. Mortensen, Vice President, 952 Hidden Lake Rd, Naperville, IL

DATE 1-30-13

SUBCONTRACTOR SIGNATURE

100

**SUBCONTRACTOR'S CERTIFICATION CONCERNING
LABOR STANDARDS AND PREVAILING WAGE REQUIREMENTS**
(Section 8)

TO CONTRACTOR:

Arrow Road Constructors
P.O. Box 334
Mt. Prospect, IL 60056

Date: JANUARY 30, 2013
Project Number: 13-28-021
Project Name: ARLINGTON HEIGHTS AND ROSELLE RD.

The undersigned, if awarded a contract with Arrow Road Constructors Co
for PAVEMENT MARKINGS
(Nature of Work)

in the amount of \$ 32,431.50 in the construction of the above-identified project,
certifies that:

- (a) The Labor Standards provisions of the Contract for Construction will be 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 5.8(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. 275a-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 DATE NEEDED
(Date)

4. He certifies that:

- (a) The legal name and the business address of the undersigned are: PRECISION PAVEMENT MARKINGS, INC
559 COLUMBIA AVE
ELGIN, IL 60120
- (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
<u>ALFRED SALAZAR</u>	<u>(PRESIDENT)</u>	<u>509 JEFFERSON AVE. ELGIN, IL 60120</u>
<u>ALFRED SALAZAR JR</u>	<u>(V.P.)</u>	<u>800 WING ST ELGIN, IL 60123</u>
<u>BILLY J. SALAZAR</u>	<u>(V.P.)</u>	<u>559 COLUMBIA AVE. ELGIN, IL 60120</u>
<u>TRAVENI SHARMA</u>	<u>(PARTNER)</u>	<u>2548 GROSS POINT RD EVANSTON, IL 60201</u>

DATE 1-30-13

[Signature]
SIGNATURE

**SUBCONTRACTOR'S CERTIFICATION CONCERNING
LABOR STANDARDS AND PREVAILING WAGE REQUIREMENTS**
(Section 6)

To Contractor:
Arrow Road Construction Co
P.O. Box 334
Mt. Prospect, IL 60054

Date: 1/29/83
Project Number: 13-28-121
Project Name: Arlington Hts Rd & Rose Rd

1 The undersigned, if awarded a contract with Arrow Road Construction Inc

(Contractor)
for CONCRETE

in the amount of \$ 370,000.00 in the construction of the above-identified project certifies that:

- (a) The Labor Standards provisions of the Contract for Construction will be 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 5.5(b) of the Regulations of the Secretary of Labor, Part 5 (25CFR Part 5) or pursuant to the Section 3(a) of the Davis-Bacon Act, as amended (40 U.S.C. 270a-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 workers will refer 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
<u>Carmel R. Sumner</u>	<u>president</u>	<u>1827 Black Hawk Dr. West Chicago, IL 60185</u>

*R AI Concrete, Inc.
1827 Black Hawk Dr.
West Chicago, IL 60185*

1/29/83

CONTRACTOR
Carmel R. Sumner
SIGNATURE

**SUBCONTRACTOR'S CERTIFICATION CONCERNING
LABOR STANDARDS AND PREVAILING WAGE REQUIREMENTS**
(Section 6)

To Contractor:

*Arrow Road Construction
P.O. Box 33
N.J. Prospect, NJ 08054*

Date: 1-30-13
Project Number: 13-28-021
Project Name: ARLINGTON HRS. RD & ROSSELL RD

1. The undersigned, if awarded a contract with ARROW ROAD CONST.
(Contractor)
for 2K ELECTRIC CRACK CONTROL
(Nature of Work)

in the amount of \$274,500.00 in the construction of the above-identified project,
certifies that:

- (a) The Labor Standards provisions of the Contract for Construction will be 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 4-21-13
(Date)

4. He certifies that:

(a) The legal name and the business address of the undersigned are:

*ROAD FABRICS, INC.
P.O. Box 87380
CAROL STREAM, FL.
60188*

(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
<u>JOHN SEKICH</u>	<u>PRESIDENT</u>	<u>P.O. Box 87380, CAROL STREAM, FL. 60188</u>

DATE 1-30-13

SUBCONTRACTOR

John Sekich
SIGNATURE

**SUBCONTRACTOR'S CERTIFICATION CONCERNING
LABOR STANDARDS AND PREVAILING WAGE REQUIREMENTS**
(Section 6)

To Contractor:

Arrow Road Construction
P.O. Box 334
N. Prospect, IL 60054

Date: 1-29-13
Project Number: 13-28-021
Project Name: Arlington Hts. road / Lisle rd.

1 The undersigned, if awarded a contract with Arrow Road Construction
(Contractor)
_____ (or sewer cleaning)
_____ (Nature of Work)
_____ in the amount of \$ 290,000 in the construction of the above-identified project,
certifies that:

- (a) The Labor Standards provisions of the Contract for Construction will be 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)

AK Underground, Inc
8119 Nottingham
Tinley Park, IL 60477

(c) The name and address of the owner, partners or officers of the undersigned are:

NAME	TITLE	ADDRESS
<u>Karen L. Kudig</u>	<u>President</u>	
<u>Albert J. Kudig</u>	<u>V.P.</u>	

DATE 1/29/13

SUBCONTRACTOR
X Karen L. Kudig
SIGNATURE

**SUBCONTRACTOR'S CERTIFICATION CONCERNING
LABOR STANDARDS AND PREVAILING WAGE REQUIREMENTS**
(Section 6)

To Contractor

*Arrow Road Construction Co.
P.O. Box 334
N. Prospect, IL 60050*

Date 1-30-13
Project Number 13-28-021
Project Name Arlington Hills Rd & Rose Hill Rd

I, the undersigned, if awarded a contract with Arrow Road Construction
J. Jasso Trucking Co. in Hauling / Trucking Services
in the amount of \$ 40,005.00 in the construction of the above identified project

- (a) The Labor Materials and Extras of the Contract for Construction will be included in the above contract
- (b) Neither he nor any firm, corporation, partnership or association in which he has a substantial interest is design (but is an eligible contractor by the Comptroller General of the United States pursuant to Section 5.4(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 (41 U.S.C. 2613.3(a))
- (c) No part of the above-mentioned 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 design (but is an eligible Contractor pursuant to any of the aforementioned regulatory or statutory provisions

I agree to remain an employee of the above mentioned employer within 60 days after the execution of any subcontract including the above mentioned contract, and I agree to provide the above mentioned Subcontractor with this Certification concerning labor standards and prevailing wages requirements created by the Subcontractors

I will not be a subcontractor in TBD
(Care)

The name and the business address of the undersigned are

- (a) Sole Proprietorship
- (b) Partnership
- (c) Corporation
- (d) Other Organization (specify)

*J. Jasso Trucking Co.
5719 S. Homan Ave.
Chicago, IL 60629*

NAME TITLE ADDRESS

J. Jasso Trucking Co.
Jose Jasso / President
5719 S. Homan Ave.
Chicago, IL 60629

13-01-28-13

SE (PRINT NAME)
Jose Jasso
DATE (MM/DD)

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: Arrow Road Construction Company

BUSINESS ADDRESS: 3401 S. Busse Rd., P.O. Box 334
Mt. Prospect, IL 60056

BUSINESS TELEPHONE: 847-437-0700 FAX NUMBER: 847-437-0779

CONTACT PERSON: Nick Eichenold

FEIN: 36-2214203 *IL CORPORATE FILE NUMBER: 0231

LIST THE FOLLOWING CORPORATE OFFICERS:

PRESIDENT: John F. Healy VICE PRESIDENT: Michael J. Salmon

SECRETARY: Michael J. Salmon TREASURER: Wayne E. Healy

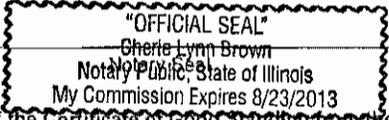
**SIGNATURE OF PRESIDENT: *John F. Healy* John F. Healy, President

ATTEST: *Michael J. Salmon* (CORPORATE SECRETARY)
Michael J. Salmon, Secretary

Subscribed and sworn to before me this
30th day of January, 2013

x *Cherie Lynn Brown*
Notary Public Signature

My commission expires: 8/23/13



* 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.

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:



COOK COUNTY CHIEF PROCUREMENT OFFICER

DATED AT CHICAGO, ILLINOIS THIS 20 DAY OF March, 2013

IN THE CASE OF A BID PROPOSAL, THE COUNTY HEREBY ACCEPTS:

THE FOREGOING BID/PROPOSAL AS IDENTIFIED IN THE CONTRACT DOCUMENTS FOR CONTRACT NUMBER

13-28-021

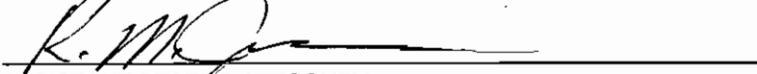
OR

ITEM(S), SECTION(S), PART(S): _____

TOTAL AMOUNT OF CONTRACT: \$ 2,256,359.33
(DOLLARS AND CENTS)

FUND CHARGEABLE: _____

APPROVED AS TO FORM:



ASSISTANT STATE'S ATTORNEY
(Required on contracts over \$1,000,000.00)



**Illinois Department
of Transportation**

Bureau of Construction
2300 South Dirksen Parkway/Room 322
Springfield, Illinois 62764

Affidavit of Availability
For the Letting of 1-30-13
(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.

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 owner's estimate, and must include work subcontracted to others. If no work is contracted, show **NONE**.

	497	590	587	597	599	
County and Section Number	Cook 12-00109-00-PV	Cook	Cook	Cook	Cook	
Contract With	Schaumburg	Leopardo Co.	Martam Const	Accu-Fab	Pepper Constr	
Estimated Completion Date	12/14/12		2013	2013	1/30/14	
Total Contract Price	5,569,356.33	213,600.00	133,421.00	72,500.00	202,000.00	Accumulated Totals
Uncompleted Dollar Value if Firm is the Prime Contractor	5,569,356.33					5,569,356.33
Uncompleted Dollar Value if Firm is the Subcontractor		213,600.00	133,421.00	72,500.00	202,000.00	621,521.00
Total Value of All Work						6,190,877.33

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	70,137.82					70,137.82
Portland Cement Concrete Paving						0.00
HMA Plant Mix	1,914,986.69	118,489.00	133,421.00	56,257.50	133,577.10	2,356,731.29
HMA Paving						0.00
Clean & Seal Cracks/Joints						0.00
Aggregate Bases & Surfaces	274,527.65	91,800.00			63,572.90	429,900.55
Highway, R.R. and Waterway Structures						0.00
Drainage						0.00
Electrical						0.00
Cover and Seal Coats						0.00
Concrete Construction						0.00
Landscaping						0.00
Fencing						0.00
Guardrail						0.00
Painting						0.00
RR Insurance						0.00
Cold Milling, Planning & Rotomilling	574,271.70			15,242.50		589,514.20
Demolition						0.00
Pavement Markings (Paint)						0.00
Mobilization						0.00
Field Office						0.00
TC&P						0.00
Totals	2,833,923.86	210,289.00	133,421.00	71,500.00	197,150.00	3,446,283.86

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.

Part III. Work Subcontracted to Others

For each contract described in Part I, list all the work you have subcontracted to others.

	4 497	590	587	597	599
Subcontractor	Devincl Constr.	Alliance Sealcoating	None	JCNC Vent	Alliance Sealcoating
Type of Work	Sewer	Stripe/Sign		Stripe/Sign	Stripe/Sign
Subcontract Price	238,443.00	3,311.00		500.00	4,850.00
Amount Uncompleted	238,443.00	3,311.00		500.00	4,850.00
Subcontractor	Hawk Electric			Tru-Seal	
Type of Work	Electrial			Striping	
Subcontract Price	6,450.00			500.00	
Amount Uncompleted	6,450.00			500.00	
Subcontractor	Lampignano & Son				
Type of Work	Concrete				
Subcontract Price	2,014,672.00				
Amount Uncompleted	2,014,672.00				
Subcontractor	SKC Constr.				
Type of Work	Crackfill				
Subcontract Price	393,167.47				
Amount Uncompleted	393,167.47				
Subcontractor	Traffic Control & Prof				
Type of Work	TCP				
Subcontract Price	82,700.00				
Amount Uncompleted	82,700.00				
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Total Uncompleted	2,735,432.47	3,311.00	0.00	1,000.00	4,850.00



Illinois Department of Transportation

Bureau of Construction
2300 South Dirksen Parkway/Room 322
Springfield, Illinois 62764

Affidavit of Availability For the Letting of _____

(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**.

	2 390	2 417	543	4 438	3 386	
County and Section Number	Cook Spec. #0239	Cook 532B		Cook	Kane	
Contract With	Turner/Lindahl/Conc Struc	Greco/ Pirtano	Swallow Constr.	King Concrete	Adcock Constr	
Estimated Completion Date	11/30/12	12/31/12	11/30/13	7/31/12	6/30/12	
Total Contract Price	4,958,820.04	3,751,043.25	637,589.20	745,877.10	580,533.90	Accumulated Totals
Uncompleted Dollar Value if Firm is the Prime Contractor						0.00
Uncompleted Dollar Value if Firm is the Subcontractor	4,958,820.04	3,751,043.25	637,589.20	530,458.68	580,533.09	10,458,444.26
Total Value of All Work						10,458,444.26

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						0.00
Portland Cement Concrete Paving						0.00
HMA Plant Mix	4,888,457.79	3,729,393.65	637,589.20	530,458.68	563,089.36	10,346,988.68
HMA Paving						0.00
Clean & Seal Cracks/Joints						0.00
Aggregate Bases & Surfaces		19,054.15				19,054.15
Highway, R.R. and Waterway Structures						0.00
Drainage						0.00
Electrical						0.00
Cover and Seal Coats						0.00
Concrete Construction						0.00
Landscaping						0.00
Fencing						0.00
Guardrail						0.00
Painting						0.00
RR Insurance						0.00
Cold Milling, Planning & Rotomilling	18,995.70	2,595.45				21,591.15
Demolition						0.00
Pavement Markings (Paint)						0.00
Mobilization	41,320.05					41,320.05
Field Office						0.00
TC&P						0.00
Totals	4,946,773.54	3,751,043.25	637,589.20	530,458.68	563,089.36	10,428,954.03

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.

Part III. Work Subcontracted to Others

For each contract described in Part I, list all the work you have subcontracted to others.

	2 390	2 417	543	4 438	3 386
Subcontractor	Road Fabrics	None	None	None	Tru-Seal
Type of Work	SRCCT				Striping
Subcontract Price	12,046.50				17,443.73
Amount Uncompleted	12,046.50				17,443.73
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
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Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Total Uncompleted	12,046.50	0.00	0.00	0.00	17,443.73

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Part I. Work Under Contract

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	549	566	571	3 481	572	
County and Section Number	Cook	Cook	Dupage	Cook 10R-28L	McHenry	
Contract With	Power Constr.	Novak Constr.	Lake County Grading	Turner/Lindah/Co nc Struct.	Wels Builders	
Estimated Completion Date	8/1/13	2012	7/1/13	11/30/12	2012	
Total Contract Price	205,799.00	297,000.00	248,541.00	990,029.13	124,000.00	Accumulated Totals
Uncompleted Dollar Value if Firm is the Prime Contractor						0.00
Uncompleted Dollar Value if Firm is the Subcontractor	205,799.00	297,000.00	248,541.00	990,029.13	124,000.00	1,865,369.13
Total Value of All Work						1,865,369.13

Part II. Awards Pending and Uncompleted Work to be done with your own forces.

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						Accumulated Totals
Earthwork						0.00
Portland Cement Concrete Paving						0.00
HMA Plant Mix	130,596.35	173,050.60	233,529.15	990,029.13	121,065.70	1,648,270.93
HMA Paving						0.00
Clean & Seal Cracks/Joints						0.00
Aggregate Bases & Surfaces	69,036.75	119,006.35				188,043.10
Highway,R.R. and Waterway Structures						0.00
Drainage						0.00
Electrical						0.00
Cover and Seal Coats						0.00
Concrete Construction						0.00
Landscaping						0.00
Fencing						0.00
Guardrail						0.00
Painting						0.00
RR Insurance						0.00
Cold Milling, Planning & Rotomilling			11,066.00			11,066.00
Demolition						0.00
Pavement Markings (Paint)						0.00
Mobilization						0.00
Field Office						0.00
TC&P						0.00
Totals	199,633.10	292,056.95	244,595.15	990,029.13	121,065.70	1,847,380.03

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Part III. Work Subcontracted to Others

For each contract described in Part I, list all the work you have subcontracted to others.

	549	566	571	3 481	572
Subcontractor	Alliance SC	Alliance SC	Alliance SC	None	Alliance SC
Type of Work	Stripe/Sign	Stripe/Sign	Striping		Stripe/Sign
Subcontract Price	6,165.90	4,943.05	3,945.85		2,934.30
Amount Uncompleted	6,165.90	4,943.05	3,945.85		2,934.30
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
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Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Total Uncompleted	6,165.90	4,943.05	3,945.85	0.00	2,934.30



Illinois Department of Transportation

Bureau of Construction
2300 South Dirksen Parkway/Room 322
Springfield, Illinois 62764

Affidavit of Availability For the Letting of _____

(Letting date)

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Part I. Work Under Contract

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	573	577	578	575	579	
County and Section Number	Cook	Dupage	Kane	McHenry	Kane	
Contract With	Osman Constr	J. Divita & Assoc.	TH Commercial	F.H. Paschen, SN Nielsen	Opus Dev.	
Estimated Completion Date	7/1/13	2012	2012	7/31/14	6/1/13	
Total Contract Price	69,000.00	409,366.00	858,400.00	1,974,053.67	167,999.10	Accumulated Totals
Uncompleted Dollar Value if Firm is the Prime Contractor						0.00
Uncompleted Dollar Value if Firm is the Subcontractor	69,000.00	409,366.00	858,400.00	1,974,053.67	167,999.10	3,478,818.77
Total Value of All Work						3,478,818.77

Part II. Awards Pending and Uncompleted Work to be done with your own forces.

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						Accumulated Totals
Earthwork						0.00
Portland Cement Concrete Paving						0.00
HMA Plant Mix	55,875.45	274,668.84	374,401.75	1,928,192.05	132,871.35	2,766,009.44
HMA Paving						0.00
Clean & Seal Cracks/Joints						0.00
Aggregate Bases & Surfaces	10,436.05	123,598.50	234,140.75	28,760.62	16,457.70	413,393.62
Highway, R.R. and Waterway Structures						0.00
Drainage						0.00
Electrical						0.00
Cover and Seal Coats						0.00
Concrete Construction						0.00
Landscaping						0.00
Fencing						0.00
Guardrail						0.00
Painting						0.00
RR Insurance						0.00
Cold Milling, Planning & Rotomilling				17,101.00	11,936.40	29,037.40
Demolition						0.00
Pavement Markings (Paint)						0.00
Mobilization						0.00
Field Office						0.00
TC&P						0.00
Totals	66,311.50	398,267.34	608,542.50	1,974,053.67	161,265.45	3,208,440.46

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Part III. Work Subcontracted to Others

For each contract described in Part I, list all the work you have subcontracted to others.

	573	577	578	575	579
Subcontractor	Alliance SC	JCNC Vent.	Alliance SC	None	Alliance SC
Type of Work	Stripe/Sign	Stripe/Sign	Stripe/Sign		Stripe/Sign
Subcontract Price	2,688.50	11,098.66	21,772.50		6,733.65
Amount Uncompleted	2,688.50	11,098.66	21,772.50		6,733.65
Subcontractor			Lampignano & Son		
Type of Work			Concrete		
Subcontract Price			221,470.00		
Amount Uncompleted			221,470.00		
Subcontractor			Road Fabrics		
Type of Work			SRCCT		
Subcontract Price			6,615.00		
Amount Uncompleted			6,615.00		
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Total Uncompleted	2,688.50	11,098.66	249,857.50	0.00	6,733.65



**Illinois Department
of Transportation**

Bureau of Construction
2300 South Dirksen Parkway/Room 322
Springfield, Illinois 62764

**Affidavit of Availability
For the Letting of _____**

(Letting date)

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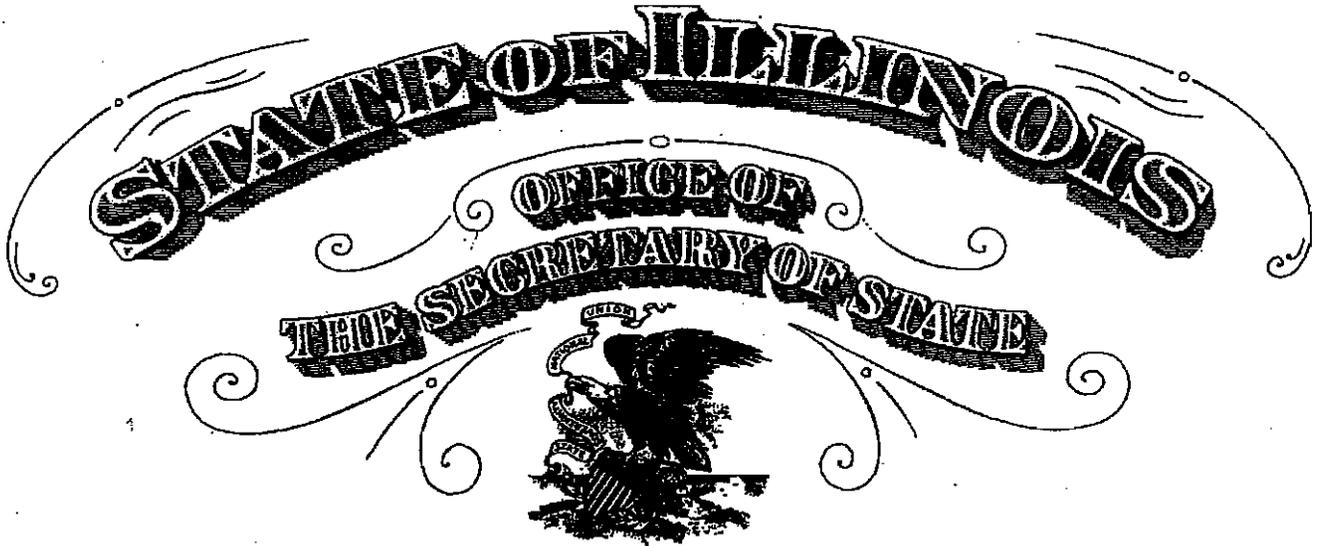
	1	2	3	4	Awards Pending	
County and Section Number						
Contract With						
Estimated Completion Date						
Total Contract Price						Grand Totals - Pg 1-6
Uncompleted Dollar Value if Firm is the Prime Contractor						5,569,356.33
Uncompleted Dollar Value if Firm is the Subcontractor						16,424,153.16
Total Value of All Work						21,993,509.49

Part II. Awards Pending and Uncompleted Work to be done with your own forces.

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						Grand Totals - Pg 1-6
Earthwork						70,137.82
Portland Cement Concrete Paving						0.00
HMA Plant Mix						17,118,000.34
HMA Paving						0.00
Clean & Seal Cracks/Joints						0.00
Aggregate Bases & Surfaces						1,050,391.42
Highway, R.R. and Waterway Structures						0.00
Drainage						0.00
Electrical						0.00
Cover and Seal Coats						0.00
Concrete Construction						0.00
Landscaping						0.00
Fencing						0.00
Guardrail						0.00
Painting						0.00
RR Insurance						0.00
Cold Milling, Planning & Rotomilling						651,208.75
Demolition						0.00
Pavement Markings (Paint)						0.00
Mobilization						41,320.05
Field Office						0.00
TC&P						0.00
Totals	0.00	0.00	0.00	0.00	0.00	18,931,058.38

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To all to whom these Presents Shall Come, Greeting:

I, Jesse White, Secretary of State of the State of Illinois, do hereby certify that I am the keeper of the records of the Department of Business Services. I certify that

ARROW ROAD CONSTRUCTION COMPANY, INCORPORATED IN DELAWARE AND LICENSED TO TRANSACT BUSINESS IN THIS STATE ON SEPTEMBER 01, 1965, APPEARS TO HAVE COMPLIED WITH ALL THE PROVISIONS OF THE BUSINESS CORPORATION ACT OF THIS STATE RELATING TO THE PAYMENT OF FRANCHISE TAXES, AND AS OF THIS DATE, IS A FOREIGN CORPORATION IN GOOD STANDING AND AUTHORIZED TO TRANSACT BUSINESS IN THE STATE OF ILLINOIS.



In Testimony Whereof, I hereto set
my hand and cause to be affixed the Great Seal of
the State of Illinois, this 20TH
day of AUGUST A.D. 2009

Jesse White

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: Travelers Casualty and Surety Company of America
 (SURETY COMPANY)

would execute a Performance/Payment Bond in favor of the County of Cook for the full amount

of the bid/contract: 12-V6938-)-RS & 12-V6043-05-SD

(NUMBER)

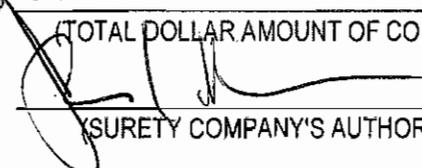
to: Arrow Road Construction Company

(BIDDER)

The penalty of this bond is to be \$ One Million Five Hundred Thousand and NO/100

(TOTAL DOLLAR AMOUNT OF CONTRACT)

SURETY


 (SURETY COMPANY'S AUTHORIZED SIGNATURE)

CORPORATE

James E. McNichols

(ATTORNEY-IN-FACT)

#03609

#31194

AMB #

NAIC

SEAL



**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 Arrow Road Construction Company whose address is 3401 S. Busse Rd., Mt. Prospect, IL 60056, hereinafter called the CONTRACTOR, and The Private Bank, 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 120 South LaSalle St, Chicago, hereinafter called the FINANCIAL INSTITUTION. IL 60603

WITNESSETH:

WHEREAS the COUNTY has awarded to the CONTRACTOR Cook County Contract Number **13-28-021**, Section Number **12-V6938-05-R5** and **12-V6043-05-5D** providing for the construction of a COUNTY highway improvement for a total price of \$ 2,256,359.33 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 4th day of March, 2013

(To be dated by the COUNTY.)

CONTRACTOR

Arrow Road Construction Company

Company Name

By: *John F. Healy*
Printed Name: John F. Healy
Title: President

ATTEST: *Michael J. Salmon*
Printed Name: Michael J. Salmon
Title: Secretary

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

The Private Bank

By: *Matthew J. Gibbons*
Printed Name: MATTHEW J. GIBBONS
Title: MANAGING DIRECTOR

ATTEST: *Richard J. Kress*
Printed Name: Richard J. Kress
Title: Managing Director

COOK COUNTY

DEPARTMENT OF TRANSPORTATION AND
HIGHWAYS

By: *David Orr*
Superintendent JD

ATTEST: _____
David Orr
Clerk of Cook County

Bond No. 105780802

PERFORMANCE AND PAYMENT BOND TO THE COUNTY OF COOK

Know All Men by These Presents, That we, Arrow Road Construction Company
as principle, and Travelers Casualty and Surety Company of America
_____ as surety, are

held and firmly bound unto the County of Cook in the penal sum of Two Million Two Hundred Fifty-Six
Thousand Three Hundred Fifty-Nine & 33/100* Dollars (\$ 2,256,359.33). 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 4th day of March A.D. 2013

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 2 - 2013, ARLINGTON HEIGHTS ROAD from Brantwood Avenue to Higgins Road, Township of
Elk Grove, Route: V69, Section 12-V6938-05-RS and ROSELLE ROAD from Euclid Avenue to Plainfield
Road, Township of Palatine, Route V60, Section 12-V6043-05-SD. Cook County Contract No. 13-28-021**

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.

Arrow Road Construction Company

PRINCIPAL/CONTRACTOR

SEAL

By John F. Healy
John F. Healy PRESIDENT

Michael J. Salmon
SECRETARY Michael J. Salmon

Travelers Casualty and Surety Company of America

SURETY

SEAL

By James E. McNichols
SURETY ATTORNEY-IN-FACT (ATTACH POWER OF ATTORNEY)

#03609
AMB#

#31194
NAIC#

Approved as to form

By [Signature]
ASSISTANT STATES ATTORNEY
PW5.18

State of Illinois
County of Will

On this 4th day of March 2013, before me personally appeared James E. McNichols, known to me to be the Attorney-in-Fact of Travelers Casualty And Surety Company of America, the corporation that executed the within instrument and acknowledged to me that such corporation executed the same.

In Witness Whereof, I have hereunto set my hand and affixed my official seal the day and year in this certificate first written above.



(Notary Public)

Brenda K. Pichler





POWER OF ATTORNEY

Farmington Casualty Company
Fidelity and Guaranty Insurance Company
Fidelity and Guaranty Insurance Underwriters, Inc.
St. Paul Fire and Marine Insurance Company
St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company
Travelers Casualty and Surety Company
Travelers Casualty and Surety Company of America
United States Fidelity and Guaranty Company

Attorney-In Fact No. 225006

Certificate No. 004834596

KNOW ALL MEN BY THESE PRESENTS: That St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company and St. Paul Mercury Insurance Company are corporations duly organized under the laws of the State of Minnesota, that Farmington Casualty Company, Travelers Casualty and Surety Company, and Travelers Casualty and Surety Company of America are corporations duly organized under the laws of the State of Connecticut, that United States Fidelity and Guaranty Company is a corporation duly organized under the laws of the State of Maryland, that Fidelity and Guaranty Insurance Company is a corporation duly organized under the laws of the State of Iowa, and that Fidelity and Guaranty Insurance Underwriters, Inc., is a corporation duly organized under the laws of the State of Wisconsin (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint

Robert A. McNichols, James E. McNichols, Brenda Pichler, M. Patricia West, and Laura M. Marshall

of the City of Westchester, State of Illinois, their true and lawful Attorney(s)-in-Fact, each in their separate capacity if more than one is named above, to sign, execute, seal and acknowledge any and all bonds, recognizances, conditional undertakings and other writings obligatory in the nature thereof on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

IN WITNESS WHEREOF, the Companies have caused this instrument to be signed and their corporate seals to be hereto affixed, this 26th day of April, 2012.

Farmington Casualty Company
Fidelity and Guaranty Insurance Company
Fidelity and Guaranty Insurance Underwriters, Inc.
St. Paul Fire and Marine Insurance Company
St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company
Travelers Casualty and Surety Company
Travelers Casualty and Surety Company of America
United States Fidelity and Guaranty Company



State of Connecticut
City of Hartford ss.

By: [Signature]
George W. Thompson, Senior Vice President

On this the 26th day of April, 2012, before me personally appeared George W. Thompson, who acknowledged himself to be the Senior Vice President of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

In Witness Whereof, I herennto set my hand and official seal. My Commission expires the 30th day of June, 2016.



[Signature]
Marie C. Tetreault, Notary Public

**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 Arrow Road Construction Company, 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 # 13-28-021; **GROUP 2 – 2013, ARLINGTON HEIGHTS ROAD** from Brantwood Avenue to Higgins Road, Township of Elk Grove, Route: V69, Section 12-V6938-05-RS and **ROSELLE ROAD** from Euclid Avenue to _____ Road, Township of Palatine, Route V60, Section 12-V6043-05-SD 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 County Superintendent of Highways of Cook County, Illinois, and under the direction and to the satisfaction of the said County Superintendent of 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 County Superintendent of 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 County Superintendent of Highways of the County of Cook to commence operations on a specified date. The undersigned agrees to start construction operations on the date so specified and to complete the proposed improvement in full compliance with the contract on or before July 31, 2013.

The County Superintendent of 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 County Superintendent of 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 County Superintendent of Highways to protect said County in its payments, and any such statement shall not be binding upon said County Superintendent of 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 County Superintendent of 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 County Superintendent of 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 County Superintendent of 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 County Superintendent of 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.

1
 Contractor Name: Arrow Road Construction Co

Project: Arlington Heights Road
 & Roselle Road
 Section No.: Group 2, 2013

SCHEDULE OF PRICES

ITEM NO.	QUAN-TITIES	UNIT	PAY ITEM	UNIT COST	TOTAL COST
1	1,900	CU. YD.	EARTH EXCAVATION	\$ 5.00	\$ 9,500.00
2	100	CU. YD.	FURNISHED EXCAVATION	\$ 25.30	\$ 2,530.00
3	110	POUND	NITROGEN FERTILIZER NUTRIENT	\$ 2.05	\$ 225.50
4	110	POUND	PHOSPHOROUS FERTILIZER NUTRIENT	\$ 2.05	\$ 225.50
5	110	POUND	POTASSIUM FERTILIZER NUTRIENT	\$ 2.05	\$ 225.50
6	1.22	ACRE	SEEDING, CLASS 2A	\$ 98.10	\$ 119.68
7	300	SQ. YD.	SODDING, SALT TOLERANT	\$ 7.25	\$ 2,175.00
8	10	UNIT	SUPPLEMENTAL WATERING	\$ 77.45	\$ 774.50
9	6,550	SQ. YD.	TOPSOIL FURNISH AND PLACE, 4 IN	\$ 4.65	\$ 30,457.50
10	6,150	SQ. YD.	EROSION CONTROL BLANKET	\$ 1.30	\$ 7,995.00
11	225	EACH	INLET FILTERS	\$ 113.60	\$ 25,560.00
12	200.4	TON	AGGREGATE (PRIME COAT)	\$ 1.00	\$ 200.40
13	100	TON	AGGREGATE BASE COURSE, TYPE B	\$ 12.65	\$ 1,265.00
14	1	L.SUM	CRUSHED STONE (TEMPORARY USE)	\$ 3,600.00	\$ 3,600.00
15	470	TON	SUBBASE GRANULAR MATERIAL, TYPE B	\$ 12.65	\$ 5,945.50
16	10,018	GAL.	BITUMINOUS MATERIALS (PRIME COAT)	\$ 2.60	\$ 26,046.80
17	2	EACH	CONSTRUCTING TEST STRIP	\$ 500.00	\$ 1,000.00
18	1,900	FOOT	CUTTING HOT-MIX ASPHALT SURFACE	\$ 2.00	\$ 3,800.00
19	100	SQ. YD.	HOT-MIX ASPHALT BASE COURSE, 9 IN	\$ 78.60	\$ 7,860.00
20	90	SQ. YD.	HOT-MIX ASPHALT PAVEMENT (FULL DEPTH) 12 IN	\$ 69.50	\$ 6,255.00
21	320	SQ. YD.	HOT-MIX ASPHALT SHOULDERS, 12 IN	\$ 69.35	\$ 22,192.00
22	7,510	SQ. YD.	HOT-MIX ASPHALT SHOULDERS, 6 IN	\$ 23.85	\$ 179,113.50
23	42	TON	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50	\$ 217.85	\$ 9,149.70
24	50,000	SQ. YD.	HOT-MIX ASPHALT SURFACE REMOVAL, 3 IN	\$ 3.40	\$ 170,000.00
25	6,500	TON	POLYMERIZED HOT-MIX ASPHALT, MIX "F", IL-9.5 N90	\$ 104.45	\$ 678,925.00
26	2,200	TON	POLYMERIZED LEVELING BINDER (MACHINE METHOD) IL-4.75, N70	\$ 84.80	\$ 186,560.00
27	930	FOOT	TEMPORARY BUTT JOINTS	\$ 7.10	\$ 6,603.00
28	100	SQ. YD.	PORTLAND CEMENT CONCRETE BASE COURSE, 10 IN	\$ 58.85	\$ 5,885.00
29	124	SQ. YD.	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 IN	\$ 56.80	\$ 7,043.20
30	1,100	SQ. FT.	PORTLAND CEMENT CONCRETE SIDEWALK, 5 IN	\$ 4.65	\$ 5,115.00
31	6,350	SQ. YD.	PROTECTIVE COAT	\$ 2.35	\$ 14,922.50
32	2,110	FOOT	COMBINATION CURB AND GUTTER REMOVAL	\$ 4.15	\$ 8,756.50
33	124	SQ. YD.	DRIVEWAY PAVEMENT REMOVAL	\$ 18.60	\$ 2,306.40
34	800	SQ. FT.	MEDIAN REMOVAL	\$ 3.10	\$ 2,480.00

Contractor Name: 1
Arrow Road Construction Co

Project: Arlington Heights Road
& Roselle Road
 Section No.: Group 2, 2013

SCHEDULE OF PRICES

ITEM NO.	QUAN-TITIES	UNIT	PAY ITEM	UNIT COST	TOTAL COST
35	490	SQ. YD.	PAVEMENT REMOVAL	\$ 14.45	\$ 7,080.50
36	1,100	SQ. FT.	SIDEWALK REMOVAL	\$ 1.55	\$ 1,705.00
37	520	SQ. YD.	CLASS C PATCHES, TYPE I, 10 IN	\$ 56.80	\$ 29,536.00
38	2,200	SQ. YD.	CLASS C PATCHES, TYPE II, 10 IN	\$ 51.65	\$ 113,630.00
39	1,580	SQ. YD.	CLASS C PATCHES, TYPE III, 10 IN	\$ 56.80	\$ 89,744.00
40	670	SQ. YD.	CLASS C PATCHES, TYPE IV, 10 IN	\$ 56.80	\$ 38,056.00
41	5	SQ. YD.	PAVEMENT REPLACEMENT	\$ 206.50	\$ 1,032.50
42	50,000	SQ. YD.	REFLECTIVE CRACK CONTROL TREATMENT	\$ 2.00	\$ 100,000.00
43	19,500	FOOT	CRACK AND JOINT ROUTING AND SEALING	\$ 1.50	\$ 29,250.00
44	200	SQ. FT.	DETECTABLE WARNINGS	\$ 28.40	\$ 5,680.00
45	100	FOOT	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	\$ 25.90	\$ 2,590.00
46	1,100	FOOT	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	\$ 27.95	\$ 30,745.00
47	1,010	FOOT	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12	\$ 19.70	\$ 19,897.00
48	800	SQ. FT.	CONCRETE MEDIAN, TYPE C-4	\$ 6.20	\$ 4,960.00
49	6	CAL.MO.	ENGINEER'S FIELD OFFICE, TYPE A	\$ 2,500.00	\$ 15,000.00
50	875	FOOT	GUARDRAIL REMOVAL	\$ 3.40	\$ 2,975.00
51	812.5	FOOT	STEEL PLATE BEAM GUARDRAIL, TYPE A	\$ 20.50	\$ 16,656.25
52	1	EACH	TRAFFIC BARRIER TERMINAL, TYPE 1, SPECIAL	\$ 2,152.00	\$ 2,152.00
53	2	EACH	TRAFFIC BARRIER TERMINAL, TYPE 2	\$ 934.45	\$ 1,868.90
54	30	FOOT	STORM SEWERS, TYPE 1 (RCCP CLASS IV) 12 IN	\$ 99.15	\$ 2,974.50
55	3	EACH	CATCH BASINS TO BE RECONSTRUCTED	\$ 1,135.75	\$ 3,407.25
56	5	EACH	CATCH BASINS, TYPE A2, 4 FT DIA WITH FRAME AND GRATE	\$ 2,891.00	\$ 14,455.00
57	10	EACH	FRAMES AND GRATES TO BE ADJUSTED	\$ 320.00	\$ 3,200.00
58	5	EACH	FRAMES AND GRATES, TYPE 24V	\$ 361.40	\$ 1,807.00
59	5	EACH	FRAMES AND LIDS TO BE ADJUSTED	\$ 325.25	\$ 1,626.25
60	25	EACH	FRAMES AND LIDS TO BE ADJUSTED, SPECIAL	\$ 598.85	\$ 14,971.25
61	5	EACH	FRAMES AND LIDS, TYPE 1 (CLOSED)	\$ 351.05	\$ 1,755.25
62	5	EACH	FRAMES AND LIDS, TYPE 1 (OPEN)	\$ 340.75	\$ 1,703.75
63	20	EACH	WATERPROOFING SANITARY FRAMES AND LIDS TO BE ADJUSTED, SPECIAL	\$ 671.15	\$ 13,423.00
64	5	EACH	INLETS, TYPE A, WITH FRAMES AND GRATES	\$ 1,135.75	\$ 5,678.75
65	3	EACH	MANHOLES TO BE RECONSTRUCTED	\$ 1,239.00	\$ 3,717.00
66	5	CU. YD.	TRENCH BACKFILL	\$ 36.15	\$ 180.75
67	10	EACH	CLEANING EXISTING CATCH BASINS	\$ 273.60	\$ 2,736.00
68	100	FOOT	CLEANING EXISTING STORM SEWERS, 12 IN	\$ 2.60	\$ 260.00

1
 Contractor Name: Arrow Road Construction Co

Project: Arlington Heights Road
 & Roselle Road
 Section No.: Group 2, 2013

SCHEDULE OF PRICES

ITEM NO.	QUAN-TITIES	UNIT	PAY ITEM	UNIT COST	TOTAL COST
69	16	CAL. MO.	CHANGABLE MESSAGE SIGN	\$ 929.25	\$ 14,868.00
70	5	EACH	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	\$ 1,548.75	\$ 7,743.75
71	1	L.SUM	TRAFFIC PROTECTION	\$ 32,007.50	\$ 32,007.50
72	6,900	FOOT	PAVEMENT MARKING TAPE, TYPE III, 4 IN	\$ 1.14	\$ 7,866.00
73	310	EACH	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	\$ 7.40	\$ 2,294.00
74	310	EACH	REPLACEMENT OF RAISED REFLECTIVE PAVEMENT MARKER	\$ 21.70	\$ 6,727.00
75	650	SQ. FT.	THERMOPLASTIC PAVEMENT MARKING-LETTERS AND SYMBOLS	\$ 3.35	\$ 2,177.50
76	1,370	FOOT	THERMOPLASTIC PAVEMENT MARKING-LINE 12 IN	\$ 1.25	\$ 1,712.50
77	370	FOOT	THERMOPLASTIC PAVEMENT MARKING-LINE 24 IN	\$ 2.60	\$ 962.00
78	37,400	FOOT	THERMOPLASTIC PAVEMENT-MARKING-LINE 4 IN	\$ 0.46	\$ 17,204.00
79	2,600	FOOT	THERMOPLASTIC PAVEMENT-MARKING-LINE 6 IN	\$ 0.62	\$ 1,612.00
80	3,800	FOOT	THERMOPLASTIC PAVEMENT-MARKING-LINE 8 IN	\$ 0.77	\$ 2,926.00
81	1,800	FOOT	DETECTOR LOOP, TYPE 1	\$ 16.50	\$ 29,700.00
82	5	EACH	CATCH BASINS, TYPE C, 2 FT DIA WITH FRAME AND GRATE	\$ 1,858.50	\$ 9,292.50
83	100,000	UNIT	CONTRACT EXTRA WORK	\$ 1.00	\$ 100,000.00
TOTAL					\$ 2,256,359.³³

County of Cook
Department of Highways

Proposal Bid Bond

Group 2 - 2013
Project (Arlington Heights Road & Roselle Road)
Section 12-V6938-05-RS & 12-V6043-05-SD
Date January 30, 2013
Letting January 30, 2013

We Arrow Road Construction Company, 3401 S. Busse Road, Mt. Prospect, Illinois 60056 as Principal, and Travelers Casualty and Surety Company of America, One Tower Square, Hartford, Ct. 06183 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 surety 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 30th day of January A.D. 2013.

PRINCIPAL

Arrow Road Construction Company
(Company Name) (Seal)

(Company Name) (Seal)

BY: Michael J. Salmon VP
(Signature & Title)

BY: _____
(Signature & Title)

Michael J. Salmon, Vice President
(If PRINCIPAL is a joint venture of two or more contractors, the company names, seals and authorized signatures of each contractor must be affixed.)

Travelers Casualty and Surety
Company of America
(Name of Surety) (Seal)

SURETY
BY: James E. McNichols
(Signature of Attorney-in-fact)

STATE OF ILLINOIS
COUNTY OF COOK

I, Cherie Lynn Brown, a Notary Public in and for Cook County, do hereby certify that

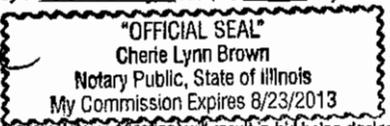
Michael J. Salmon

(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 30th day of January A.D., 2013. My commission expires 8/23/13

Cherie Lynn Brown
Notary Public

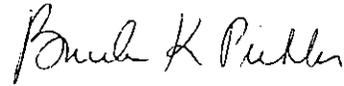


*Improper execution of this form (i.e. Missing Signatures or Seals or incomplete certification) will result in bid being declared irregular.
** If Bid Bond is used in lieu of proposal guaranty check, it must be on this form and must be submitted with Bid.

State of Illinois
County of Will

On this 30th day of January 2013, before me personally appeared James E. McNichols, known to me to be the Attorney-in-Fact of Travelers Casualty And Surety Company of America, the corporation that executed the within instrument and acknowledged to me that such corporation executed the same.

In Witness Whereof, I have hereunto set my hand and affixed my official seal the day and year in this certificate first written above.



(Notary Public)

Brenda K. Pichler





POWER OF ATTORNEY

Farmington Casualty Company
Fidelity and Guaranty Insurance Company
Fidelity and Guaranty Insurance Underwriters, Inc.
St. Paul Fire and Marine Insurance Company
St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company
Travelers Casualty and Surety Company
Travelers Casualty and Surety Company of America
United States Fidelity and Guaranty Company

Attorney-In Fact No. 225006

Certificate No. 004834563

KNOW ALL MEN BY THESE PRESENTS: That St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company and St. Paul Mercury Insurance Company are corporations duly organized under the laws of the State of Minnesota, that Farmington Casualty Company, Travelers Casualty and Surety Company, and Travelers Casualty and Surety Company of America are corporations duly organized under the laws of the State of Connecticut, that United States Fidelity and Guaranty Company is a corporation duly organized under the laws of the State of Maryland, that Fidelity and Guaranty Insurance Company is a corporation duly organized under the laws of the State of Iowa, and that Fidelity and Guaranty Insurance Underwriters, Inc., is a corporation duly organized under the laws of the State of Wisconsin (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint

Robert A. McNichols, James E. McNichols, Brenda Pichler, M. Patricia West, and Laura M. Marshall

of the City of Westchester, State of Illinois, their true and lawful Attorney(s)-in-Fact, each in their separate capacity if more than one is named above, to sign, execute, seal and acknowledge any and all bonds, recognizances, conditional undertakings and other writings obligatory in the nature thereof on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

IN WITNESS WHEREOF, the Companies have caused this instrument to be signed and their corporate seals to be hereto affixed, this 26th day of April, 2012.

Farmington Casualty Company
Fidelity and Guaranty Insurance Company
Fidelity and Guaranty Insurance Underwriters, Inc.
St. Paul Fire and Marine Insurance Company
St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company
Travelers Casualty and Surety Company
Travelers Casualty and Surety Company of America
United States Fidelity and Guaranty Company



State of Connecticut
City of Hartford ss.

By: [Signature]
George W. Thompson, Senior Vice President

On this the 26th day of April, 2012, before me personally appeared George W. Thompson, who acknowledged himself to be the Senior Vice President of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

In Witness Whereof, I hereunto set my hand and official seal. My Commission expires the 30th day of June, 2016.



[Signature]
Marie C. Tetreault, Notary Public



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
3/4/2013

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 Austin A McNichols Insurance Agency Five Westbrook Corp. Center Suite #110 Westchester IL 60154	CONTACT NAME:	
	PHONE (A/C No. Ext): (708) 492-0909	FAX (A/C No.): (708) 492-0910
INSURED Arrow Road Construction Co. P.O. Box 334 3401 S. Busse Road Mt. Prospect IL 60056-0334	E-MAIL ADDRESS:	
	INSURER(S) AFFORDING COVERAGE	
	INSURER A: Bituminous Casualty Corp	
	INSURER B: St. Paul Fire & Marine	
	INSURER C: Liberty Insurance Underwriters	
	INSURER D: Bituminous Fire & Marine	
INSURER E:		
INSURER F:		

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 SUBR INSR	INSD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	GENERAL LIABILITY						EACH OCCURRENCE \$ 1,000,000
	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY						DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000
	<input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR	X	X	CLP 3 584 032	3/1/2013	3/1/2014	MED EXP (Any one person) \$ 5,000
	<input checked="" type="checkbox"/> XCU coverage included						PERSONAL & ADV INJURY \$ 1,000,000
GEN'L AGGREGATE LIMIT APPLIES PER:							GENERAL AGGREGATE \$ 2,000,000
<input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC.							PRODUCTS - COMP/OP AGG \$ 2,000,000
A	AUTOMOBILE LIABILITY						COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000
	<input checked="" type="checkbox"/> ANY AUTO						BODILY INJURY (Per person) \$
	<input type="checkbox"/> ALL OWNED AUTOS						BODILY INJURY (Per accident) \$
	<input type="checkbox"/> HIRED AUTOS						PROPERTY DAMAGE (Per accident) \$
		X		CAP 3 584 034	3/1/2013	3/1/2014	Uninsured motorist combined \$
B	<input checked="" type="checkbox"/> UMBRELLA LIAB	<input checked="" type="checkbox"/> OCCUR		ZUP-15K27608-13-NF (\$15m)	3/1/2013	3/1/2014	EACH OCCURRENCE \$ 40,000,000
C	<input checked="" type="checkbox"/> EXCESS LIAB	<input type="checkbox"/> CLAIMS-MADE		1000037124-01 (\$25m)	3/1/2013	3/1/2014	AGGREGATE \$ 40,000,000
DED RETENTIONS							\$
D	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY		X				<input checked="" type="checkbox"/> WC STATU-TORY LIMITS <input type="checkbox"/> OTH-ER
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)						E.L. EACH ACCIDENT \$ 1,000,000
	If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N	N/A	WC 3 584 031	3/1/2013	3/1/2014	E.L. DISEASE - EA EMPLOYEE \$ 1,000,000
							E.L. DISEASE - POLICY LIMIT \$ 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)
RE: Arrow Job No. 60413, Arlington Heights Rd and Roselle Rd., Cook County Contract No. 13-28-021; Group 2-2013. Additional insured: Cook County Department of Transportation and Highway

OK [Signature]

CERTIFICATE HOLDER Cook County Department of Highways Contract Documents 69 W. Washington Room 2400 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 James McNichols/MPW [Signature]



INSURANCE BINDER

DATE (MMDDYYYY)
3/4/2013**THIS BINDER IS A TEMPORARY INSURANCE CONTRACT, SUBJECT TO THE CONDITIONS SHOWN ON THE REVERSE SIDE OF THIS FORM.**

AGENCY Austin & McNichols Insurance Agency Flva Westbrook Corp. Center Suite #110 Westchester IL 60154		COMPANY Bituminous Casualty Corp	BINDER #												
PHONE (A/C. No. Ext): (708) 492-0909	FAX (A/C. No.): (708) 492-0910	<table border="1"> <tr> <th>DATE</th> <th>EFFECTIVE</th> <th>TIME</th> <th>DATE</th> <th>EXPIRATION</th> <th>TIME</th> </tr> <tr> <td>3/4/2013</td> <td>12:01</td> <td><input checked="" type="checkbox"/> AM <input type="checkbox"/> PM</td> <td>3/1/2014</td> <td><input checked="" type="checkbox"/> 12:01 AM <input type="checkbox"/> NOON</td> <td></td> </tr> </table>		DATE	EFFECTIVE	TIME	DATE	EXPIRATION	TIME	3/4/2013	12:01	<input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	3/1/2014	<input checked="" type="checkbox"/> 12:01 AM <input type="checkbox"/> NOON	
DATE	EFFECTIVE	TIME	DATE	EXPIRATION	TIME										
3/4/2013	12:01	<input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	3/1/2014	<input checked="" type="checkbox"/> 12:01 AM <input type="checkbox"/> NOON											
AGENCY CUSTOMER ID: 00000122 INSURED County of Cook 69 W. Washington Suite 2400 Chicago IL 60602-3007		THIS BINDER IS ISSUED TO EXTEND COVERAGE IN THE ABOVE NAMED COMPANY PER EXPIRING POLICY #: DESCRIPTION OF OPERATIONS/VEHICLES/PROPERTY (Including Location) Asphalt paving at Arlington Hts & Roselle Roads Cook County Contract #13-28-021 Group 2-2013 Arrow Road Construction Company is the contractor; their job #60413													

COVERAGES		LIMITS		
TYPE OF INSURANCE	COVERAGE/FORMS	DEDUCTIBLE	COINS %	AMOUNT
PROPERTY CAUSES OF LOSS <input type="checkbox"/> BASIC <input type="checkbox"/> BROAD <input type="checkbox"/> SPED				
GENERAL LIABILITY <input type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> Owners & Contractors	RETRO DATE FOR CLAIMS MADE:	EACH OCCURRENCE \$ 2,000,000 DAMAGE TO RENTED PREMISES \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$		
VEHICLE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTOS		COMBINED SINGLE LIMIT \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE \$ MEDICAL PAYMENTS \$ PERSONAL INJURY PROT \$ UNINSURED MOTORIST \$		
VEHICLE PHYSICAL DAMAGE DED <input type="checkbox"/> COLLISION: _____ <input type="checkbox"/> OTHER THAN COL: _____	<input type="checkbox"/> ALL VEHICLES <input type="checkbox"/> SCHEDULED VEHICLES	ACTUAL CASH VALUE STATED AMOUNT \$		
GARAGE LIABILITY <input type="checkbox"/> ANY AUTO		AUTO ONLY - EA ACCIDENT \$ OTHER THAN AUTO ONLY: EACH ACCIDENT \$ AGGREGATE \$		
EXCESS LIABILITY <input type="checkbox"/> UMBRELLA FORM <input type="checkbox"/> OTHER THAN UMBRELLA FORM	RETRO DATE FOR CLAIMS MADE:	EACH OCCURRENCE \$ AGGREGATE \$ SELF-INSURED RETENTION \$		
WORKER'S COMPENSATION AND EMPLOYER'S LIABILITY		IWC STATUTORY LIMITS E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$		
SPECIAL CONDITIONS / OTHER COVERAGES <i>OKTR20</i>		FEES \$ TAXES \$ ESTIMATED TOTAL PREMIUM \$		

NAME & ADDRESS	<input type="checkbox"/> MORTGAGEE	<input type="checkbox"/> ADDITIONAL INSURED
	<input type="checkbox"/> LOSS PAYEE	
	LOAN #	
	AUTHORIZED REPRESENTATIVE James McNichols/MPW	



**NOTICE TO BIDDERS,
SPECIFICATIONS, CONTRACT
AND CONTRACT BOND**

FOR
HIGHWAY IMPROVEMENT
County of Cook, Illinois

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

Toni Preckwinkle
Cook County Board President

Shannon E. Andrews
Acting Chief Procurement Officer

Letting: January 30, 2013

Known as GROUP 2 - 2013
Arlington Heights Road - Brantwood Avenue to Higgins Road
Section 12-V6938-05-RS, Route V69
Roselle Road - Euclid Avenue to _____ Road
Section 12-V6043-05-SD, Route V60
Cook County Purchasing Contract No.: 13-28-021

NOTICE TO PROSPECTIVE BIDDERS: BIDDERS MUST RETURN THE ENTIRE BID

The Specifications can be downloaded at <http://www.cookcountyil.gov/purchasing/contract/bids/13-28-021> (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 <http://www.cookcountyil.gov/purchasing/contract/bids/13-28-021> (user name: highway; password ftp3st)

Pre-Bid Meeting: Tuesday, January 15, 2013
Cook County Department of Transportation and Highway
69 W. Washington Street, Suite 2260
Chicago, Illinois 60602

All questions are due on Friday, January 18, 2013 no later than 3:00pm Chicago time

Send all questions via e-mails to: john.yonan@cookcountyil.gov - Cho Ng, Senior Contract Negotiator

Bid Submitted by: Bid Bond is included A Cashier's Check or a Certified Check is included

Name Arrow Road Construction Company Phone No. 847-437-0700

Address 3401 S. Busse Rd., P.O. Box 334

City Mt. Prospect State IL Zip Code 60056

11.6

**THE BOARD OF COMMISSIONERS
TONI PRECKWINKLE, PRESIDENT**

**COUNTY OF COOK
BUREAU OF FINANCE**

1

OFFICE OF THE CHIEF PROCUREMENT OFFICER

**SHANNON E. ANDREWS
ACTING CHIEF PROCUREMENT OFFICER**

County Building
118 North Clark Street, Room 1018
Chicago, Illinois 60602-1304
TEL: (312) 603-5370

Earlean Collins	1 st Dist.	Bridget Gainer	10 th Dist.
Robert Steele	2 nd Dist.	John P. Daley	11 th Dist.
Jerry Butler	3 rd Dist.	John A. Fritchey	12 th Dist.
William M. Beavers	4 th Dist.	Lawrence Suffredin	13 th Dist.
Deborah Sims	5 th Dist.	Gregg Goslin	14 th Dist.
Joan P. Murphy	6 th Dist.	Timothy O. Schneider	15 th Dist.
Jesus G. Garcia	7 th Dist.	Jeffrey R. Tobolski	16 th Dist.
Edwin Reyes	8 th Dist.	Elizabeth Ann Doody German	17 th Dist.
Peter N. Silvestri	9 th Dist.		

January 23, 2013

ADDENDUM NO. 1

Cook County Contract No. 13-28-021

Group 2 – 2013

**Arlington Heights Road – Brantwood Avenue to Higgins Road
Section 12-V6938-05-RS
Roselle Road – Euclid Avenue to Palatine Road
Section 12-V6043-05-SD**

This Addendum No. 1 revises the Bid documents. This Addendum No. 1 is issued to bidders of record prior to execution of contract and forms a part of contract documents and modifies previously issued Bid documents. Insofar as previously issued Bid documents are inconsistent with modifications indicated by this Addendum No. 1, modifications indicated by this Addendum No. 1 shall govern. Where any part of the Bid documents are modified by this Addendum No. 1, all unaltered provisions shall remain in effect.

This Addendum No. 1 provides 23 (twenty-three) revised contract pages and Pre-Bid Sign-In Sheets. Please take this information into consideration on your proposal. Please acknowledge this addendum in your proposal.

1. Checklist (Revised) to Add: (9 pages)
 - Special Provision 026 – Contract Extra Work (Dec. 24, 2012)
 - Special Provision 028 – Processing of Contract Extra Work Payments (Dec. 24, 2012)
2. 01 Cover Sheet (Revised) – Corrected Limits of project to "Palatine" Road (1 page)
3. Special Provision 026 (Added) – Contract Extra Work (Dec. 24, 2012) (1 page)
4. Special Provision 028 (Added) – Processing of Contract Extra Work Payments (Dec. 24, 2012) (1 page)
5. 002 Notice (Revised) – Corrected limits of project to "Palatine" Road (2 pages)
6. H Performance and Payment Bond (Revised) – Corrected limits of project to "Palatine" Road (1 page)
7. I Contract (Revised) – Corrected limits of project to "Palatine" Road (3 pages)
8. Schedule of Prices (Revised) – to reflect Contract Extra Work provision (3 pages)
9. Summary of Quantities (12-V6938-05-RS&12-V6043-05-SD_01-30-13_Sheet02Rof51.pdf) - to reflect the Contract Extra Work provision (1 page)
10. Pre-bid Sign In Sheet (1 page)

**COOK COUNTY DEPARTMENT OF TRANSPORTATION AND HIGHWAY
SPECIAL PROVISION CHECK LIST**

EFFECTIVE January 1, 2013 V 2013.1

Group 2-2013

**Arlington Heights Road-Brantwood Avenue to Higgins Road; Section: 12-V6938-05-RS and
Roselle Road-- Euclid Avenue to Palatine Road; Section: 12-V6043-05-SD**

<u>No.</u>	<u>Description</u>	<u>Origin and Date Last Revised</u>	
X	1	Definition of Terms, Information for Bidders	(CC) Dec. 27, 2012
X	2	Bidding Requirements and Conditions For Contract Proposals	(IL-CC) Nov. 15, 2012
X	3	* Pre-Bid Meeting	(CC) Nov. 15, 2012
X	4	* Wages of Employees on Public Works	(IL-CC) Dec. 28, 2009
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) Jan. 3, 2012
X	8a	* Required Disadvantaged Business Participation (DBE)	(IL-CC) Nov. 15, 2012
	8b	*MBE/WBE Business Participation	(CC) Jan. 26, 2012
X	9	Specific Equal Employment Opportunity Responsibilities (Non-Federal Aid)	(IL-CC) Nov. 15, 2012
X	10	Insurance Requirements	(CC) Nov. 15, 2012
	10a	Township Insurance Requirements	(CC) Nov. 15, 2012
	11	* Railroad Protective Liability Insurance	(IL-CC) Dec. 28, 2011
X	12a	Indemnification for Cook County	(CC) Dec. 28, 2011
	12b	Indemnification (Locals)	(CC) Jan. 23, 2012
X	13	Joint Venture Forms	(CC) Nov. 15, 2012
X	14	Addendum Receipt	(CC) Dec. 28, 2009
	15	ARRA Provisions	(IL) Current
X	16	* Combination Bidding Process	(IL-CC) Jan. 1, 2006
X	17a	Prompt Pay Mechanisms (Non-Federal Aid)	(CC) Dec. 27, 2012
	18	Not Used	
	22		
X	23	Contract Claims	(IL-CC) Mar. 19, 2012
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) Dec. 1, 2009
X	28	Processing of Contract Extra Work	(CC) Dec. 24, 2012
	29	Construction Layout Stakes and Survey Control Points	(CC) July 1, 2012
	30	* Municipal Coordination/Transfer of Jurisdiction and/or Maintenance	(CC) July 15, 2000
X	31	Engineer's Field Office	(CC) July 1, 2012
X	32	Construction Debris	(CC) July 1, 2006
	33	*Clean Construction and Demolition Debris	(CC) July 1, 2012

	<u>No.</u>	<u>Description</u>	<u>Origin and Date Last Revised</u>
	34	Not Used	
	44		
	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
	53	Diamond Grinding Concrete Pavement	(CC) Jan. 1, 2007
	54	Saw Cutting Concrete Overlay	(CC) Jan. 1, 2007
	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
X	58	Pavement Thickness Deficiency	(CC) Mar. 1, 2008
	59	Survey Monuments	(CC) April 1, 2008
	60	Soils Information	(CC) July 1, 2012
	61	Stockpiled Embankment	(CC) July 1, 2012
	62	Borrow Excavation	(CC) July 1, 2000
X	63	Crushed Stone (Temporary Use)	(CC) Jan 1, 2008
	64	Aggregate Subgrade, (12 INCH)	(IL) Current
	65	Expanded Polystyrene Fill	(CC) May 1, 2003
	66	Cellular Concrete Fill	(CC) July 1, 2006
	67	GEO-GRID Subgrade Reinforcing Mat	(CC) May 1, 2003
	68	Earth Excavation (Special)	(CC) July 1, 2011
	69	P.C.C. Surface Finish	(CC) April 7, 2010
X	70	Traffic Barrier Terminal, Type 1, Special	(IL-CC) Jan. 1, 2008
X	71	*Scheduling and Landscaping	(CC) January 1, 2008
X	72	Cutting Hot-Mix Asphalt Surface	(CC) Jan. 1, 2008
	73	Hot-Mix- Asphalt Driveway Surface Removal	(CC) July 1, 2012
X	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
	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

Origin and Date

<u>No.</u>	<u>Description</u>	<u>Last Revised</u>
80	Temporary By-Pass Pavement (Non-Federal Aid)	(CC) Jan 1, 2008
81	Temporary By-Pass Pavement (Federal Aid)	(CC) July 1, 2011
X 82	Reflective Crack Control Treatment	(CC) Jan. 1, 2012
83-116	Not Used	
117	Approach Slab Repair	(IL-CC) Oct. 4, 2011
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) Aug. 19, 2011
130	Silicone Bridge Joint Sealer	(IL) Current
131	Not Used	
132	Deck Slab Repair	(IL) Current
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
148	Sheet Waterproofing Membrane System	(CC) Nov. 19, 1999
149	Chain Link Fence (Modified)	(CC) Jan. 1, 2004

Origin and Date

<u>No.</u>	<u>Description</u>	<u>Last Revised</u>
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) Dec. 21, 2007
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) Dec. 1, 2007
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) July 1, 2012
	183 Frames and Lids to be Adjusted, Special (Pavement Recycling)	(CC) January 1, 2013
184	Not Used	
X	185 * Cooperation With Utilities	(CC) Feb. 10, 2012
	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
	189 Valve Vaults to be Removed	(CC) Dec. 21, 2009
	190 Water Main Installation	(CC) Dec. 1, 2009

Origin and Date

<u>No.</u>	<u>Description</u>	<u>Last Revised</u>
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, 2012
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) Sept. 1, 2002
213	Trees To Be Planted	(CC) Jan 1, 2008
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
229	Modified Urethane Pavement Marking (BDE)	(IL) Current
230	Sign Identification Decal	(CC) Jan. 1, 2012
X 231	Traffic Protection	(CC) July 1, 2012
232-235	Not Used	
X 236	Project Signs Plaque	(CC) December 1, 2009
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) June 1, 2012
242	Construction at Railroad Crossing	(CC) June 1, 2012

Origin and Date

<u>No.</u>	<u>Description</u>	<u>Last Revised</u>
	243 Signal Head, Optically Programmed Signal Head and Pedestrian Signal Head	(CC) June 1, 2012
	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) June 1, 2012
	251 Master Controller	(ILD1CC) June 1, 2012
X	252 Detector Loop	(ILD1CC) June 1, 2012
	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) June 1, 2012
	266 Handhole	(ILD1CC) June 1, 2012
	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
	271 Temporary Traffic Signal Installation	(ILD1CC) June 1, 2012
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) June 1, 2012
	278 Optimize Traffic Signal System	(ILD1CC) June 1, 2012

Origin and Date

<u>No.</u>	<u>Description</u>	<u>Last Revised</u>
279	Median Removal and Replacement	(CC) June 1, 2012
280	Sidewalk Removal and Replacement	(CC) June 1, 2012
281	Relocate Existing Light Standard and Luminaire Complete in Place	(CC) June 1, 2012
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
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	Not Used	
300		

Additional Inserted Special Provisions (As Required)

- 004a Prevailing Wages for Cook County
- 185a Status of Utilities to be Adjusted-Arlington Heights Road
- 185b Status of Utilities-Roselle Road
- 400 Hot Mix Asphalt Mixture IL-4.75 (Dist. 1)
- 401 Friction Surface Aggregate (Dist. 1)
- 402 Reclaimed Asphalt Pavement and Reclaimed Asphalt Shingles
- 403 Surface Testing of Hot-Mix Asphalt Overlays
- 404 Crack and Joint Routing and Sealing

Additional Document Inclusions (Required)

*0 01	Cover Sheet	(CC) Dec. 27, 2012
*0 02	Notice Sheet	(CC) Nov. 15, 2012
*C	Proposal Sheet	(CC) Jan 1, 2008
*E	<i>Economic Disclosure Statement</i>	(CC) Nov. 15, 2012

*Instructions, *DBE Documents, Contractor Certifications, Economic and Other Disclosures, *Contractor's Certificate Concerning Labor Standards, *Sub-Contractor's Certificate Concerning Labor Standards, Execution Pages*

F	Surety's Statement Of Qualification for Bonding	(CC) June 2, 2011
*G1	Trust Agreement	(CC) Nov. 15, 2012
*H	Performance and Payment of Bond Form	(CC) June 9, 2011
*I	Contract	(CC) Nov. 15, 2012
*J	Schedule of Prices Sheets	(CC) Dec. 28, 2011
*K	Proposal Bid Bond	(CC) Nov. 15, 2012
*L	Bid Deposit Form	(CC) Nov. 15, 2012

* 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 Highway Department
(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 Highway Department
(ILD1-CC)	Initiated by Illinois Department of Transportation District 1 and amended by Cook County Highway Department

<u>Initiating Bureau/Division</u>	<u>Cook County Highway Department Special Provision Catalog Number</u>
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
Electrical Division	241-300