

A decorative architectural element, possibly a keystone or finial, with intricate scrollwork and a central floral motif, set against a background of stone arches.

CAPITAL BUDGET OVERVIEW

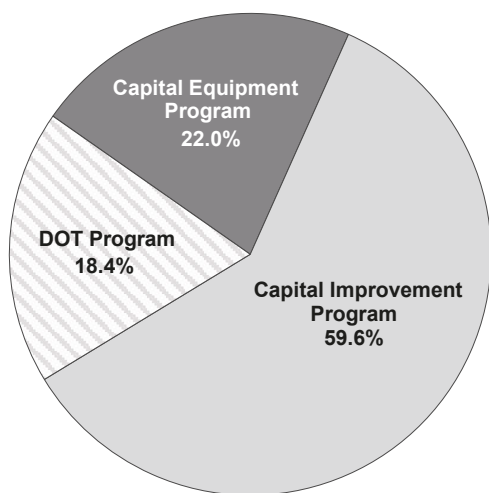
As part of the annual budget process, the County reassesses its capital programming needs regarding capital improvements for facilities, capital equipment purchases, and transportation & highway planning. The County determines its ability and willingness to issue new taxpayer-funded debt for capital expenditures and fund less wide-ranging capital projects through the operating budget via Pay-As-You-Go (“Pay-Go”) financing. The determination of funding levels/funding types is made as part of the capital budget and reevaluated annually considering legacy debt obligations, operating budget priorities, and debt service costs. Once a prudent level of financing is identified, the funding is matched to the projects and/or equipment to address critical needs as determined by the capital renewal and deferred maintenance assessment. The appropriation of the capital budget is part of the annual budget process.

The County's proposed FY2019 Capital Budget appropriates \$461.0 million in Capital Investments and includes:

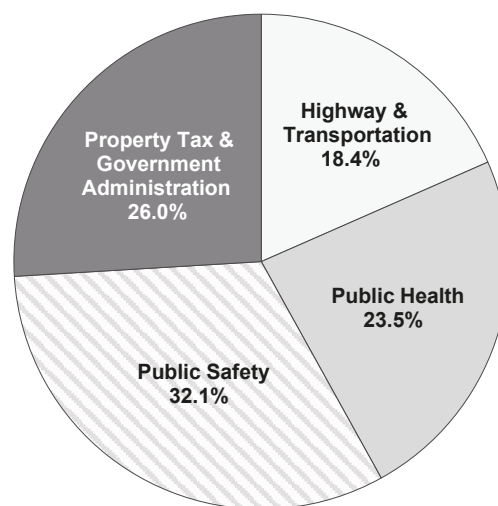
- \$274.9 million for the Capital Improvement Program (CIP) for County facilities
- \$84.9 million for Transportation & Highway Program (THP) for County maintained road, bridges, and highways
- \$101.3 million for Capital Equipment Program (CEP) for County departments

These amounts include all projects that are expected to be reasonably funded in FY2019, which includes re-appropriation of projects approved in prior years where funding was not completely utilized.

Capital Investment Plan
\$461.1 million



Capital Investment by Function
\$461.1 million



PURPOSE OF CAPITAL PROGRAMMING

The capital programming process allows for the identification, review, planning, and budgeting of capital investments. The process is designed to provide a comprehensive look at Cook County's present, mid-term, and long-term capital needs. This is essential for long-term fiscal planning including projected future debt service requirements.

Further, capital programming allows for the efficient and effective provision of public facilities, strategic repair, and replacement of capital assets. Programming capital assets such as facilities, highway infrastructure, and technological systems can promote more strategic use of Cook County's limited financial resources while fostering the coordination of public and private development. The capital programming process involves long-term planning allowing the County to go beyond basic year-to-year budgeting to maintain an effective level of service for County residents. Capital programming that coordinates planning, financing, infrastructure, and facilities improvements is essential to meet the needs of a regional economic and transportation hub like Cook County.

TRENDS AFFECTING FISCAL PLANNING FOR THE CAPITAL BUDGET

Several different kinds of trends and economic indicators are reviewed, projected, and analyzed each year for their impact on the Capital Budget. These trends and indicators include:

INFLATION

Important as an indicator of future project costs or the costs of delaying capital expenditures

POPULATION GROWTH/DECLINE

Provides the main indicator of the size or scale of required future facilities and services, as well as the timing of population-driven project requirements. Though Cook County population is largely stagnant, and has been for several decades, other factors may affect the use requirements for various facilities like the Department of Corrections (DOC) pre-trial detainee population.

DEMOGRAPHIC CHANGES

Changes in the number and/or locations within the County of specific age groups or other special groups provide an indication of requirements and costs of specific facilities (e.g. the Health and Hospitals System's facilities).

IMPLEMENTATION RATES

Measured through the actual expenditures within programmed and authorized levels. Implementation rates are important in establishing actual annual cash requirements to fund projects in the CIP portion of the Capital Budget. As a result, implementation rates are a primary determinant of required annual bond issuance.

SPENDING AFFORDABILITY

One of the most important factors in the capital budget development process is determining spending affordability. Spending affordability is determined by the amount of debt service and Pay-Go capital funds that can be reasonably afforded by the operating budget given the County's revenue levels, operating/service needs, and capital/infrastructure needs. The size and financial health of the capital program is therefore somewhat constrained by the ability of the operating budget to absorb increased debt service amounts and/or operating requirements for Pay-Go capital expenditures. Realizing that maintenance and improvement of County infrastructure is important to the overall health of the County, policymakers will continue to work to balance the levels of capital funding required and its impact to operating expenditures.

GUIDING PRINCIPLES OF CAPITAL PROGRAMMING

For the capital programming included in the FY2019 Capital Budget, the County employed certain fundamentals of both zero-based and performance-based budgeting in the evaluation and appropriation of project funding. Some budgetary and programmatic principles invested in the Capital Budget include:

- To build facilities supporting County stakeholders' objectives
- To support the physical development objectives incorporated in approved plans, including the 10-year CIP plan, capital equipment plan and long-range transportation plan
- To implement financial planning best practices by analyzing the County's future needs, while considering its future available resources
- To establish priorities among projects so that limited resources are used to the best advantage
- To identify, as accurately as possible, the impact of public facility decisions on future operating budgets, in terms of energy use, maintenance costs, and staffing requirements
- To provide a concise and centralized source of information on all planned rehabilitation of public facilities for residents, departments, and other stakeholders in the County
- To ensure any unused funds from prior year appropriations are re-appropriated to new multi-year projects

FINANCIAL & DEBT MANAGEMENT POLICIES

The Cook County Board-adopted financial and debt management policies that provide the parameters for the amounts of and timing of bond-financed projects to be included in the capital budget. This ensures that the capital plan is financially sustainable and that it supports best practices in budgeting and capital programming. The County's financial policies section include: specific policies on debt, asset management, capital programming, and capital expenditure accountabilities.

FUNDING THE CAPITAL PROGRAMMING PROCESS

Capital funding will be made using the following criteria:

- The use of debt to finance components of the capital budget will be used only when other financing sources have been evaluated and deemed unavailable.
- All equipment with a useful life of less than five years will be funded through Pay-Go means.
- The County will prioritize equipment/projects costing less than \$150,000 and equipment/projects with lower useful life to be funded through Pay-Go means.
- The County will decrease the planned budgeted expenditure on debt supported capital equipment every year with the goal of eventually funding capital equipment through Pay-Go means entirely, except for large non-recurring multi-year initiatives to acquire entirely new depreciable technology.
- The County will utilize a Capital Equipment inventory submitted by all County departments in FY2018 to guide the long-term funding plan for a replacement cycle of all capital equipment Countywide.
- The County will provide additional Pay-Go financial resources for the Capital Budget for FY2019 to reduce the amount of debt needed to fund shorter duration assets.

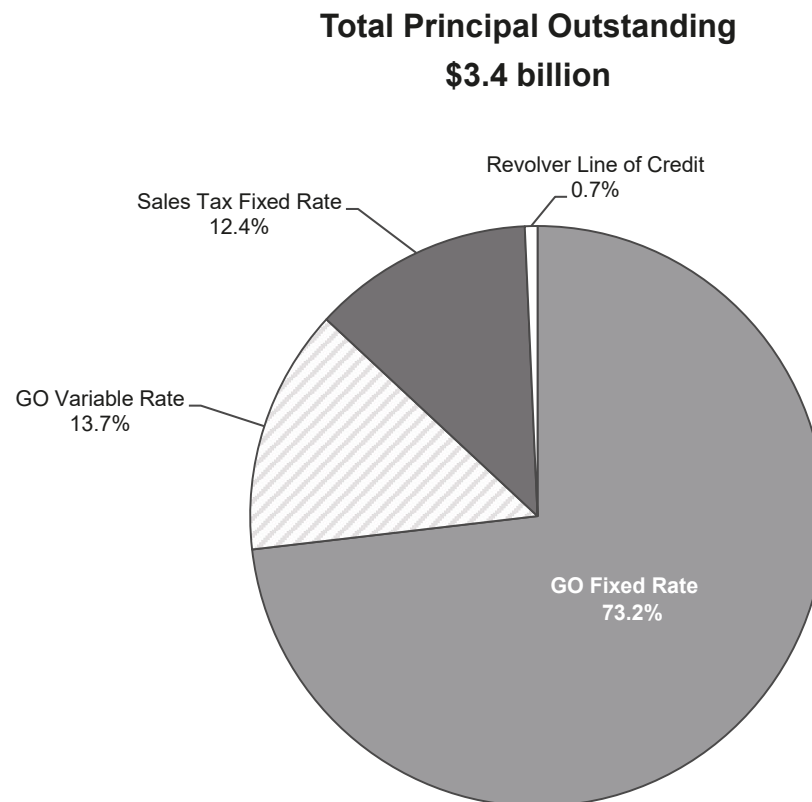
- The County will limit and clearly identify any County personnel that are associated with a capital project to be funded from debt proceeds and will seek to avoid the funding of personnel from debt proceeds.

DEBT OVERVIEW

Analysis of the County's legacy and current debt obligations are essential to determine a prudent level of debt financing that will allow for the critical renewal, repair/maintenance of capital projects and equipment, and will ensure that the County's debt does not unduly burden taxpayers or pose a risk to the County's credit ratings/overall credit-worthiness.

The County's debt is issued pursuant to the County's home rule powers under the 1970 Constitution of the State of Illinois (SOL) and authorizing ordinances adopted by the County Board. The County has authority to incur debt payable from ad valorem property tax receipts or from any other lawful source and maturing within 40 years from the time it is incurred without prior referendum approval.

As of November 30, 2018, the total projected debt portfolio is comprised of \$3.4 billion worth of General Obligation ("GO") Bonds, Sales Tax Revenue Bonds, and a GO Tax-Exempt Revolving Line of Credit. The following chart shows a breakdown of the County's debt portfolio:



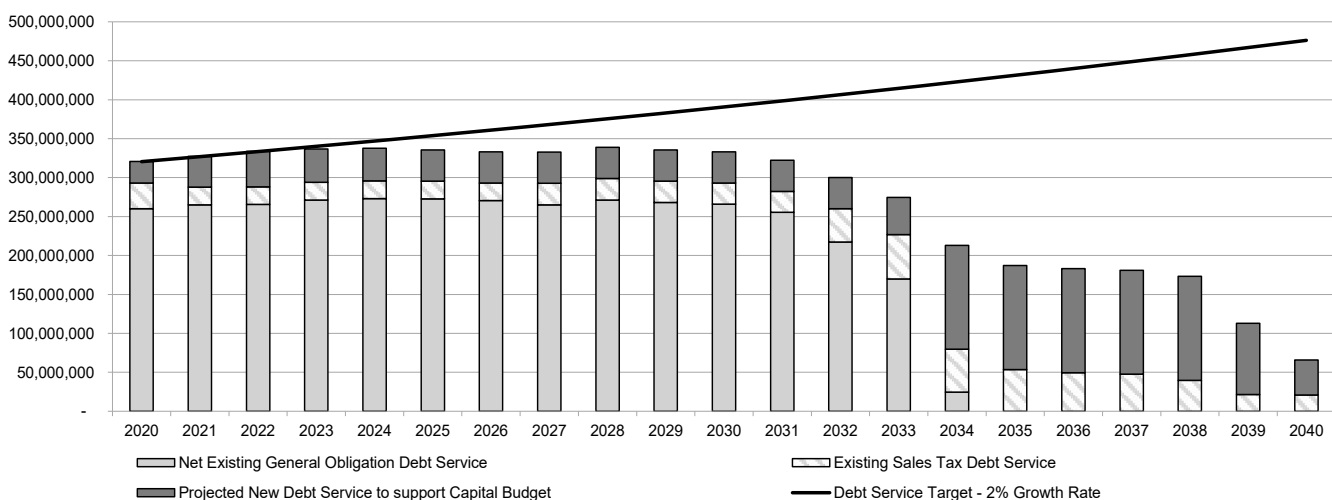
**Maximum values are self-imposed limitations as included in the County's Debt Management policies within the Financial Policies section of the FY2019 Appropriation bill as of November 30, 2018*

Metric	Current	Maximum*
Direct Debt per Capita	\$652	\$1,000
Direct Debt as a percentage of Estimated Market Value of all taxable property	0.6%	1.3%
Direct Debt as a percentage of Equalized Assessed Value of all taxable property	2.4%	4.0%
Debt Service as a percentage of all operating funds	7.8%	15.0%
Variable Rate Debt as a percentage of overall debt portfolio	18.7%	25.0%

DEBT SERVICE

The County's Bond and Interest Fund (B&IF) is utilized for GO debt service payments. The GO debt service is paid through levy of ad valorem taxes upon all the taxable property in the County. The Sales Tax bond debt service is paid through monthly deposits of sales tax revenue received by the County. The County is best served by a long-term plan to manage its legacy debt service costs and future borrowing needs in a responsible manner, so that these costs do not provide undue stress on its operating budget in future years. To that end, the County is utilizing recent and anticipated refinancing opportunities to focus savings in key years which will help to ultimately create a debt structure that rises by no more than 2% annually even when including all anticipated new issuances to support the Capital Plan. That growth rate would match the long-term Federal Reserve inflation target.

The following chart and the accompanying table show the County's anticipated debt service due in coming years based on debt currently outstanding and anticipated new future borrowing:

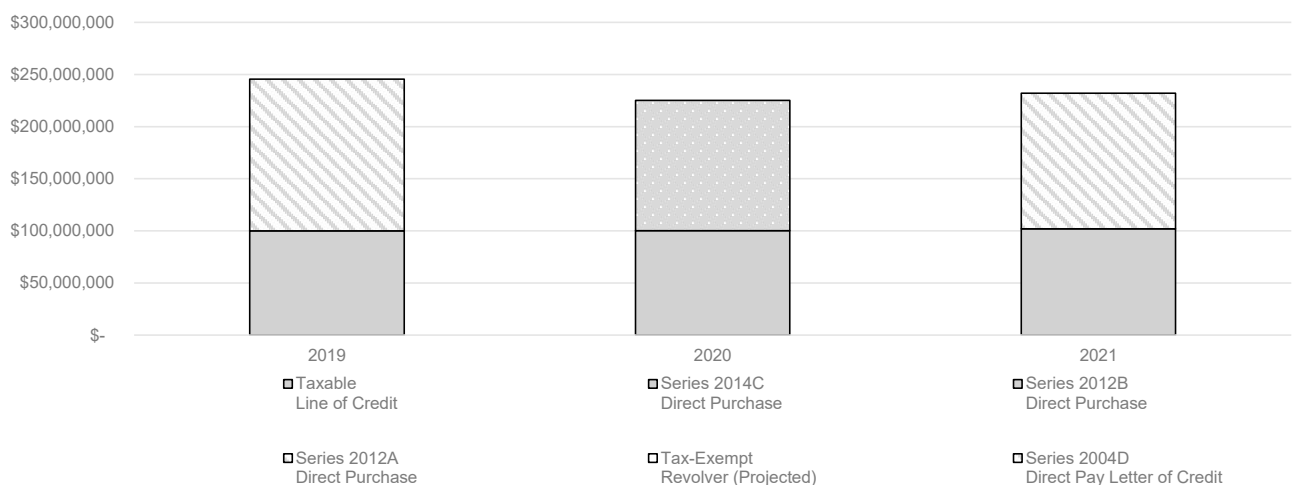


Budget Year	Principal	Net Interest	Existing General Obligation Debt Service	Levy Abatement from Debt Service on Hand	Net Existing General Obligation Debt Service	Existing Sales Tax Debt Service	Projected New Debt Service to support Capital Budget	Total Projected Debt Service
2019	142,185,000	135,063,619	277,248,619	-	277,248,619	28,282,164	8,658,610	314,189,393
2020	139,425,000	128,015,094	267,440,094	(7,500,000)	259,940,094	33,131,964	27,795,282	320,867,341
2021	149,595,000	123,354,679	272,949,679	(8,000,000)	264,949,679	22,732,927	39,612,163	327,294,768
2022	149,770,000	117,718,494	267,488,494	(2,000,000)	265,488,494	22,731,677	45,350,923	333,571,093
2023	164,165,000	111,132,786	275,297,786	(4,000,000)	271,297,786	22,730,052	42,791,533	336,819,371
2024	173,425,000	102,564,583	275,989,583	(3,000,000)	272,989,583	22,732,052	41,839,750	337,561,384
2025	184,725,000	93,587,360	278,312,360	(5,500,000)	272,812,360	22,732,052	40,056,000	335,600,412
2026	193,405,000	84,001,872	277,406,872	(7,000,000)	270,406,872	22,729,052	40,052,000	333,187,923
2027	196,540,000	73,393,040	269,933,040	(5,000,000)	264,933,040	27,732,802	40,052,750	332,718,592
2028	210,200,000	62,603,097	272,803,097	(1,500,000)	271,303,097	27,482,552	40,052,750	338,838,399
2029	216,285,000	51,912,420	268,197,420	-	268,197,420	27,233,052	40,056,750	335,487,222
2030	226,831,750	39,231,548	266,063,298	-	266,063,298	26,978,802	40,054,250	333,096,349
2031	227,455,000	28,122,339	255,577,339	-	255,577,339	26,729,552	40,055,250	322,362,140
2032	198,935,000	18,267,607	217,202,607	-	217,202,607	42,995,302	40,054,250	300,252,159
2033	161,845,000	8,134,807	169,979,807	-	169,979,807	56,921,152	47,611,000	274,511,959
2034	23,385,000	1,169,250	24,554,250	-	24,554,250	55,100,402	133,437,250	213,091,902
2035	-	-	-	-	-	53,572,352	133,440,250	187,012,602
2036	-	-	-	-	-	49,560,150	133,435,250	182,995,400
2037	-	-	-	-	-	47,694,350	133,430,500	181,124,850
2038	-	-	-	-	-	39,780,800	133,438,250	173,219,050
2039	-	-	-	-	-	21,600,000	91,299,500	112,899,500
2040	-	-	-	-	-	20,800,000	44,892,500	65,692,500
2041	-	-	-	-	-	-	44,891,250	44,891,250
2042	-	-	-	-	-	-	22,396,250	22,396,250
2043	-	-	-	-	-	-	5,507,250	5,507,250
2044	-	-	-	-	-	-	-	-
2045	-	-	-	-	-	-	-	-
Total	\$2,904,441,750	\$1,322,018,833	\$4,226,460,583	-\$43,500,000	\$4,182,960,583	\$739,701,190	\$1,451,216,602	\$6,373,878,374

Notes: Interest is net of Federal subsidies received on Build America Bonds. Principal, Interest, and Existing General Obligation Debt Service values include projected refundings of Series 2009C, 2009D, 2010A, and 2010G Bonds.

CREDIT FACILITY EXPIRATION TIMING

The County currently has four outstanding variable rate bond issues and two lines of credits. The bank credit facilities associated with variable rate bonds and lines of credit are subject to expiration between FY2018 and 2021. The tax-exempt revolving line of credit is currently subject to expiration at the end of FY2018. The County intends to renew it as well as increase the size from \$125.0 million to \$175.0 million. The table below summarizes the expiration timing for each facility and type of credit facility. Specifically, bonds are supported by either Direct Pay Letter of Credit (DPLoC) or direct bank placements. The County does not have any interest rate derivatives associated with any of its outstanding indebtedness and these credit agreements generally terminate if the County's GO bond rating is downgraded below BBB/Baa2.



COUNTY BOND RATING

GENERAL OBLIGATION DEBT

Rating Agency	Rating	Outlook
Moody's Investor Services	A2	Stable
S&P Global Ratings	AA-	Negative
Fitch Ratings	A+	Stable

SALES TAX DEBT

Rating Agency	Rating	Outlook
S&P Global Ratings	AAA	Stable
Kroll Bond Rating Agency	AAA	Stable

FY2018 RECAP

SALES TAX REVENUE BONDS, SERIES 2018

On August 22, 2018, the County issued Sales Tax Revenue Bonds, Series 2018 in the par amount of \$155.6 million as authorized by the Board of Commissioners. The bonds refunded the Tax-Exempt Revolver, Series 2014D Bonds, which has provided short-term financing for several projects since FY2015. The refunded bonds have a lower, fixed interest rate, which enabled the County to reduce debt service costs and increase predictability.

GENERAL OBLIGATION BONDS, SERIES 2018

On February 1, 2018, the County issued its GO Bonds, Series 2018, completing a refunding of its GO Bonds, Series 2006B. The Series 2006B Bonds were structured with a November 12, 2017 call date. The County completed an economical refunding and restructured the Bonds to meet its financial policies. The refunding achieved a present value savings of \$3.2 million. The refunding also restructured principal from FY2019-2022 to later years to accommodate the County's plan to keep debt service increases below 2% annually.

EXTENSION OF GENERAL OBLIGATION BONDS, SERIES 2012B DIRECT PLACEMENT

The GO Bonds, Series 2012B are one of the County's taxable variable rate bonds have been held by a single bank since they were issued under an agreement that was extended in August 2018. Under this agreement, the bank will continue to hold the bonds for an additional three years. Without this extension to the agreement, the County would have had to repay the full issuance of \$102.0 million.

FUTURE FINANCING ANTICIPATED IN FY2019

USE OF TAX-EXEMPT REVOLVER, SERIES 2014D

The capital investment identified from debt proceeds in the FY2019 Capital Budget is currently expected to come in part from proceeds of draws on the Tax-Exempt Revolver, Series 2014D. The Revolver is expected to be the primary funding source in FY2019. Future bond issues over time will finance the portions of the Capital Budget funded in out years. It is anticipated that the amount drawn during FY2019 will total more than \$200.0 million, reflecting the funding for projects approved in recent Capital Budgets. The County anticipates issuing fixed rate bonds with maturities that are commensurate with the average useful life of the projects funded by the drawn amount on the revolving line of credit to refinance the outstanding balance, as was done with the Sales Tax Revenue Bonds, Series 2017 and Series 2018.

EXTENSION & EXPANSION OF TAX-EXEMPT REVOLVER, SERIES 2014D

In December 2018, the County expects to extend and expand the Tax-Exempt Revolver, Series 2014D so that the County can continue to use the Revolver as an interim funding source for various capital projects. The expansion will allow the County to fund more Capital Improvement projects and may allow more efficient refundings of the Tax-Exempt Revolver, Series 2014D.

EXTENSION OF GENERAL OBLIGATION BONDS, SERIES 2012A DIRECT PLACEMENT

The GO Bonds, Series 2012A are one of the County's variable rate bonds that have been held by a single bank since they were issued under an agreement that is set to expire in March 2019. Without this extension to the agreement, the County would have to repay the full issuance of \$145.5 million.

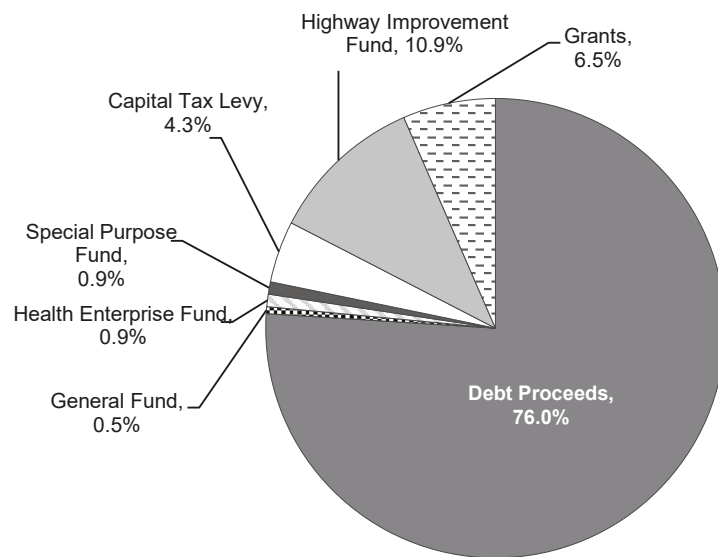
EXTENSION OF TAXABLE REVOLVER, SERIES 2016

The Taxable Revolver provides additional liquidity to the County if the County's cashflows are weakened by an unforeseeable event. The Taxable Revolver was not drawn upon in FY2018. Prior to the current expiration date in February 2019, the County intends to extend the agreement for an additional two to three years.

FUNDING THE CAPITAL PROGRAM

The Capital Budget is predominately funded from sources outside of the County's operating funds. The primary source of funding for CIP and CEP is municipal debt issued by the County. A small portion of capital improvement and capital equipment programs are funded through grants and special purpose funds. Additionally, to begin funding more discrete capital equipment items, like technology hardware and vehicles from operating (Pay-Go) sources in FY2019, the County plans to levy \$20.0 million in property taxes to fund these items. The Capital Projects Levy recurs in FY2019 to offset the predictable and well-established impact of the election cycle in creating both a funding source for the Capital Budget as well as greater stability in operating fund availability. The County's road infrastructure projects are primarily funded through the County's allocation of the Motor Fuel Tax (MFT) funds from the SOI as well as other Federal and SOI grants on a Pay-Go basis.

Capital Funding Source
\$461.0 million



Sources	Amounts
Debt Proceeds	350,391,992
General Fund	2,250,011
Capital Tax Levy	20,000,000
Health Enterprise Fund	4,034,000
Special Purpose Fund	3,999,015
Highway Improvement Fund	50,226,898
Grants	30,090,488
Total	\$460,992,404

Uses	Amounts
Capital Equipment Projects	101,249,061
Capital Improvement Projects	274,857,415
Highway & Transportation Projects	84,885,928
Total	\$460,992,404

Future Borrowing Required to Support the Capital Budget: FY2019 to FY2023

Source	Proposed FY2019	Proposed FY2020	Proposed FY2021	Proposed FY2022	Proposed FY2023
Capital Improvement Program	206,000,000	199,000,000	158,000,000	129,000,000	74,000,000
Capital Equipment Program	53,400,000	42,600,000	34,200,000	27,600,000	22,200,000
TOTAL	\$259,400,000	\$241,600,000	\$192,200,000	\$159,600,000	\$96,000,000

RELATIONSHIP BETWEEN CAPITAL & OPERATING BUDGETS

The County's B&IF is utilized to fund GO debt service payments through a designated debt service property tax levy. The County's Capital Budget is predominately funded through the issuance of municipal bonds. Accordingly, any further increase in debt service will further reduce available revenues from property tax receipts to fund general operations. Sales Tax Revenue Bonds also reduce sales tax revenues available for operations in future years as debt service claims a portion of these revenues in future years. As an example, if borrowing is used to fund the investment, a \$10.0 million investment in a capital equipment asset with an eight-year useful life would have a \$1.6 million impact in subsequent operating budgets through increased debt service. Similarly, if debt is used to fund a \$10.0 million investment in highways or County facilities, an impact of \$550,000 would be realized during the initial 10-year interest-only period with greater impacts in out years. These factors underlie the need to prudently determine the best means of financing the Capital Budget, and to ensure investments result in reduced operating expenditures are prioritized.

The cost of operating and maintaining newly completed capital projects also has an impact on the operating budget. For example, the replacement of a building's roof, windows, and mechanical systems may result in a decrease in the cost of utilities, which would effectively lower the facility's operating costs. Conversely, the greatest operating impacts often occur with the construction of a new facility. In such cases, costs related to staffing the facility including: the required professional support and maintenance staff along with the additional operating and utility costs would add expense lines to the operating budget. Completed information technology projects will also likely entail additional operating costs such as: upgrades, license renewals, or the training of staff to operate new systems, but may have reduced operating costs associated with efficiencies.

Capital expenditures selected by the County in the Capital Budget can have positive impacts on the operating budget. Specific positive impacts are highlighted in the following section.

SUMMARY OF CAPITAL INVESTMENTS & THEIR IMPACT ON THE COOK COUNTY OPERATING BUDGET

Each year Cook County lays out its capital investment needs through its CIP for facilities, CEP for asset purchases, and THP for road and bridge infrastructure improvements.

CAPITAL IMPROVEMENT PROGRAM

The Bureau of Asset Management (BAM) works collaboratively with the Bureau of Finance to determine available resources and project the cash flow needs to implement the CIP. The intent is a long-term projection of debt service levels and funding implications for County initiatives over a ten-year period the cost of capital improvements is not measured solely in terms of the initial cost while taking into consideration the long-term fiscal impacts on the County's operating budget.

The Department of Capital Planning & Policy (DCPP) within BAM is responsible for implementing the CIP. The DCPP is recommending approximately \$2.04 billion in spending over the next 10 years, which averages roughly \$204.0 million a year. The three guiding principles that dictate the FY2019 CIP are: life safety and compliance, operational savings, and right-sizing operations. The CIP projects are based on BAM's priorities that are aligned to President Preckwinkle's Policy Roadmap. These priorities are: Green Buildings Program, Unlocking the Value of County Assets, and Operational Efficiencies. For example, reducing operational expenses through the consolidation of underutilized space and disposal of assets that are no longer viable is an important outcome of the CIP.

In FY2019, the County will be on track to reduce one million square feet of real estate through the demolition of three divisions at the DOC reflects the reduced pre-trial detained population. For the Downtown Corporate campus, the continuous consolidation of user departments is smart sizing the County real estate footprint which leads to reduction in operational expenses and in return offers additional space that is leasable for additional revenue. The FY2019 CIP also emphasizes the County's continued commitment to reduce energy, water consumption throughout county facilities, and reduce greenhouse gas emissions.

COOK COUNTY CENTRAL HOSPITAL CAMPUS REDEVELOPMENT AND STRATEGIC CONSOLIDATION

To better serve patients, and County taxpayers, Cook County's Stroger Hospital Campus is undergoing redevelopment. Building on the recommendations from the Real Estate Asset Strategic Realignment Plan (REASRP), facilities will undergo consolidation to reduce the cost of deferred maintenance which should allow for future adaptability and increase connectivity among various medical functions performed on the campus. Future construction will moderate costs by capitalizing on savings from LEED principles. Additionally, the realignment of space will free up land to be used for market rate development. This will provide a new revenue source for the County. A major milestone of the redevelopment was achieved in FY2018 when the new Central Campus Health Center was completed. Additionally, a Market Rate development in association with a private developer is also underway to repurpose the Old Cook County Hospital building and its surrounding areas to bring much needed commercial and residential units to the campus.

CORPORATE OFFICES RENOVATION & CONSOLIDATION

The County is working to implement new space use standards that will allow redesign of multiple floors in the Dunne Building. The redesign will consolidate workspace in the building, freeing three floors that the County can lease out to others and generate new revenues.

PROVIDENT HEALTH & DIAGNOSTIC CENTER

One of the most significant projects that will begin in FY2019 is the new Health Center on the Provident Campus. The Campus improvements include the demolition of the current John Sengstacke Health Clinic. The new facility will provide state-of-the-art patient care in a historically underserved part of the County.

TRANSPORTATION & HIGHWAY PROGRAM

The Cook County FY2019-2023 THP totals \$784.0 million, with \$182.6 million budgeted in FY2019 for engineering, construction, right-of-way acquisition, and maintenance contracts. The FY2019 THP is fiscally constrained based on expected levels of funding from current revenue sources. The Department of Transportation and Highways (DOTH) continues to prioritize maintenance and preservation of existing infrastructure assets with transportation system modernization and expansion integrated as funding becomes available.

The fiscal years 2019-2023 THP is funded primarily by MFT revenues, supplemented with Federal and State grants, local reimbursements, township MFT funds, and interest earnings. While MFT revenue continues to represent the backbone of the DOTH's program the department also receives project-specific revenue from federal, state and local governments in the form of grants and reimbursements. The DOTH has been aggressive in competing for discretionary grant funding in recent years and plans to spend \$52.5 million in grant funds in FY2019 to augment its program. Grant funding has grown as a share of the DOTH's annual budget rising from less than 3.0% of FY2018 revenues to nearly 29.0% of FY2019 revenues. In addition, the DOTH also partners with other agencies including: the Illinois Department of Transportation (IDOT); the Illinois State Toll Highway Authority (ISTHA); Metropolitan Water Reclamation District (MWRD); and municipalities to complete specific projects. When the DOTH leads these projects, the other agencies often provide reimbursements for a portion of the project costs. A total of \$29.3 million is expected to be received in FY2019 from these reimbursements. The Connecting Cook County 2040 Long Range Transportation Plan (2040 LRTP), adopted by the Cook County Board of Commissioners in FY2016, will act as a policy for the DOTH for future multi-year programs. The 2040 LRTP, the County's first strategic transportation plan in 70 years, was developed to guide where and how the County invests in transportation to improve mobility across the region. Additionally, the LRTP will enable the County to fully realize opportunities to attract and retain businesses, people, capital, and talent.

CAPITAL EQUIPMENT PROGRAM

The FY2019 CEP budget includes \$101.3 million of investments in capital equipment. One of the largest major IT capital equipment projects in County history is the Enterprise Resourcing Planning (ERP) Software Implementation project. Its implementation is nearing completion FY2019 and continues to address a critical need in modernizing County government operations using integrated applications and automation of several back-office functions. Continuing to prioritize projects that will facilitate the migration of the County's systems and data off the mainframe will save approximately \$5.5 million annually in maintenance/hosting costs once all data has been migrated in approximately five years. Other major IT capital equipment projects include the Election Equipment and Tally System for the County Clerk (\$25.0 million) and the Clerk of the Circuit Court Case Management System (\$9.1 million).

CAPITAL BUDGET HIGHLIGHTS & SIGNIFICANT PROJECTS FOR THE UPCOMING YEAR

CAPITAL IMPROVEMENT PROGRAM HIGHLIGHTS

CORPORATE PROJECTS

- 22nd Floor Shared Conference Rooms Phase 3 – Dunne Building
- Corporate Offices Renovation & Consolidation

HEALTH & HOSPITALS PROJECTS

- Community Based Healthcare Clinics
- New Renal Dialysis Center
- Oak Forest Hospital Campus Feasibility Study
- Provident Health & Diagnostic Center

PUBLIC SAFETY PROJECTS

- ADA Improvements
- Cell Doors, Locks, Frames and Electronic Security Door Controls
- Courthouse Security Enhancements
- Criminal Courts Building Holding & Lockup Area ADA Improvements
- Department of Corrections Camera Project
- Juvenile Courthouse & Juvenile Temporary Detention Center
- Roof Replacements

COUNTYWIDE PROJECTS

- Fire & Life Safety System Upgrades
- Flooring Covering Replacement
- Green Buildings Program
- Roof Replacements

HIGHWAY & TRANSPORTATION PROGRAM HIGHLIGHTS

- 75th Street CREATE Grade Separation
- County Line Road – I-294 to North Avenue
- Lake Cook Road – Raupp Boulevard to Hastings Lane
- Touhy Avenue – Elmhurst Road to Mt Prospect Avenue

CAPITAL EQUIPMENT PROGRAM HIGHLIGHTS

- ACHN Medical, Surgical, & Laboratory Equipment
- Countywide Enterprise Resource Planning System
- County Clerk Election Equipment & Tally System
- Clerk of the Court Case Management System
- Integrated Property Tax System



CAPITAL IMPROVEMENT OVERVIEW

*Cook County Health and Hospitals System –
Central Campus Health Center Lobby (completion in FY2018)*

Under the Bureau of Asset Management (BAM), Cook County's Capital Improvement Program (CIP) sets forth the ten-year plan for the design, construction and renovation of County buildings, land and building systems to make them safe, functional, efficient and cost-effective. The County's Real Estate Asset Strategic Realignment Plan (REASRP) and the real property asset management lifecycle (develop, construct, operate and dispose) provide the framework in developing of the CIP. The approximately 19 million square feet of real estate maintained by the Bureau is managed in three portfolios: Corporate, Health & Hospitals, and Public Safety. The CIP projects are organized into four categories: Capital Renewals/Deferred Maintenance, Energy/Department Initiatives, Life Safety/ADA/Security, and Redevelopment/Demolition. This work helps to build a SMART (specific, measurable, actionable, relevant, time-bound) County and unlock the value of our assets.

The Department of Capital Planning and Policy (DCPP) works with BAM's Department of Real Estate Management (DREM), and Department of Facilities Management (DFM), and user departments to develop the County's CIP. The CIP is then approved by the Cook County Board President and the Cook County Board of Commissioners, and implemented by the DCPP.

In FY2019, the DCPP proposed spending approximately \$274.9 million, allocated across approximately 336 projects. The FY2019 CIP emphasizes the County's commitment to supporting the various department missions and enhancing the occupants' and visitors' experience and quality of life. In addition, code compliance, greening our buildings, operational efficiencies, and cost savings guide the CIP. The DCPP, in conjunction with other departments within BAM, works to be good stewards of Cook County assets through the consolidation of underutilized space and dispensation of assets that are no longer viable. The FY2019 efforts build on the previous year's initiatives and continue with strategic developments across all three portfolios to realize these goals.

CAPITAL IMPROVEMENT PROGRAM: FY2019 – FY2028

STRATEGIC FRAMEWORK FOR CAPITAL IMPROVEMENTS

In FY2012, the DCPP and the DREM hired a consultant team to conduct condition assessments of building structures, systems, utilities and equipment at County-owned facilities. These comprehensive reports serve as a basis for utilization efforts and priority capital improvements. Using inspection data, a long-range capital improvement plan for FY2014-2023 was developed to strategically address identified County asset needs. The REASRP consultant team made some high-level recommendations for each of the County's portfolios detailing how to consolidate and make better use of County assets. This FY2019-2028 CIP continues to build upon, update, and implement the REASRP recommendations.

The FY2019-2028 CIP is a 10-year plan, with the appropriation of \$274.9 million in FY2019, to address capital renewals and renovations, as well as strategic redevelopments across all County portfolios.

The DCPP works collaboratively with the Bureau of Finance to determine available resources and cash flow needs to implement the CIP. The intent is to project debt service levels and funding implications over a ten-year period, so the costs of capital improvements are not measured solely in terms of the initial cost.

DEVELOPMENT OF THE CAPITAL PLAN

The DCPP develops the CIP by updating or gathering analytical information from the Facility Condition Assessment (FCA) report, comprehensive reviews of individual business case requests, Green Building Program goals, and recurring or ongoing needs that span multiple facilities, years, and departments' needs.

This enables the DCPP to do the following:

- Identify and address critical system replacements and upgrades
- Calculate the estimated costs of recommended improvements and ensure optimal return on investment
- Prioritize improvements according to the County's long-term objectives
- Reduce energy, water, and waste
- Capitalize on opportunities for additional operational or cost efficiencies
- Run funding scenarios that demonstrate the impact of differing spending levels
- Develop a capital plan and balanced budget that will sustain County facilities and support their core function for the long term

Capital renewal and deferred maintenance assessment software is used by the DCPP to maintain and update data that provides FCA reports for each County-owned facility. The FCA reports provide a detailed, system-level inventory of the County facilities and identify capital renewal and deferred maintenance deficiencies, which allow the DCPP to prioritize, plan systematically and bundle similar projects for cost-effective procurement. The operating priorities that guide these efforts are as follows:

Priority for Maintenance and Replacement

Priority 1 – Currently Critical (Immediate): Conditions require immediate action to correct a cited safety hazard, stop accelerated deterioration, or return a facility to operation.

Priority 2 – Potentially Critical (Years 1-2): Conditions, if not corrected expeditiously, will become critical within a year resulting in intermittent operations, rapid deterioration, potential life safety hazards, etc.

Priority 3 – Necessary/Not Yet Critical (Years 3-4): Conditions require appropriate attention to avoid predictable deterioration, potential downtime, or associated damage or higher costs if deferred further.

Priority 4 – Recommended (Years 5-10): Conditions include items that represent sensible improvement to existing conditions, but are not required for the basic function of the facility, overall usability improvements, or long-term maintenance cost reduction.

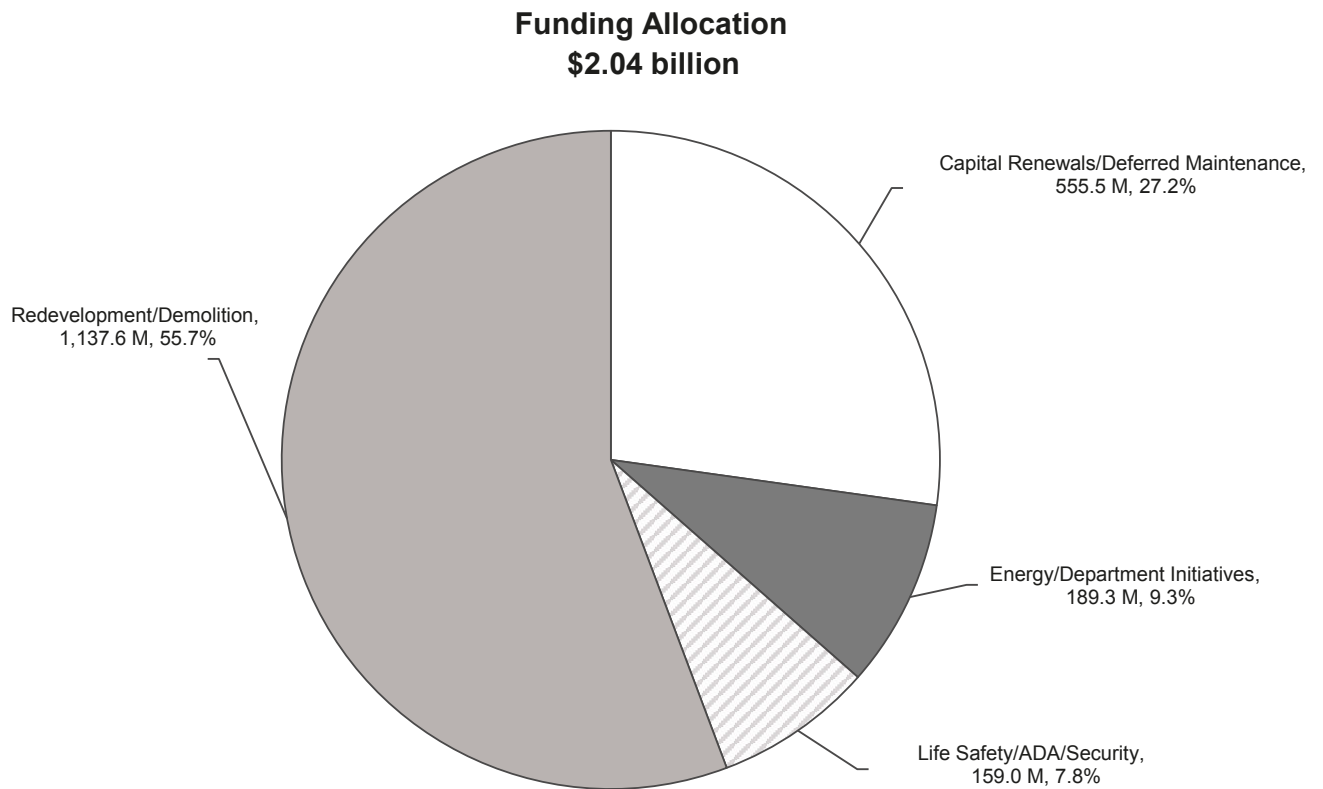
Priority 5 – Does Not Meet Current Codes but is "Grandfathered." No action is required at this time; however, renovation work performed in the future may trigger correction.

The facility condition data developed during the County assessment in FY2013 provided a Facility Condition Index (FCI) for each facility. A building's FCI is calculated by dividing the cost of required improvements by the building's current replacement value (see below).

$$\text{FCI} = \frac{\text{Cost of maintenance, replacements, deficiencies}}{\text{Current replacement cost}}$$

The industry standard for an FCI above 75% means that the cost to renovate has exceeded the reasonable potential for a return on invested capital. In FY2013, the Cook County facilities had an average FCI of 40.40%, with many structures over 75%. The funding requested in the CIP is needed to gradually reduce the aggregate facility condition index; FCI is forecast with on-going capital renewal needs and strategic redevelopments, retiring facilities that have exceeded their useful life, and investments in new facilities.

The appropriated CIP allocates funding to address Priority 1 "Currently Critical" projects (e.g. life safety, code and regulatory, risk of failure to critical systems and building envelopes), most Priority 2 "Potentially Critical" projects, some Priority 3 "Necessary/Not Yet Critical" projects, and strategic redevelopment opportunities. The actual funding needs have been identified in the FY2019-2028 CIP Plan and are allocated as shown in the chart below.



FY2019 – FY2028 Capital Improvement Program – Funding Allocation

PORTFOLIO OVERVIEWS & SIGNIFICANT PROJECTS

The County's assets have been categorized into three separate portfolios as follows:

Corporate

Health and Hospitals

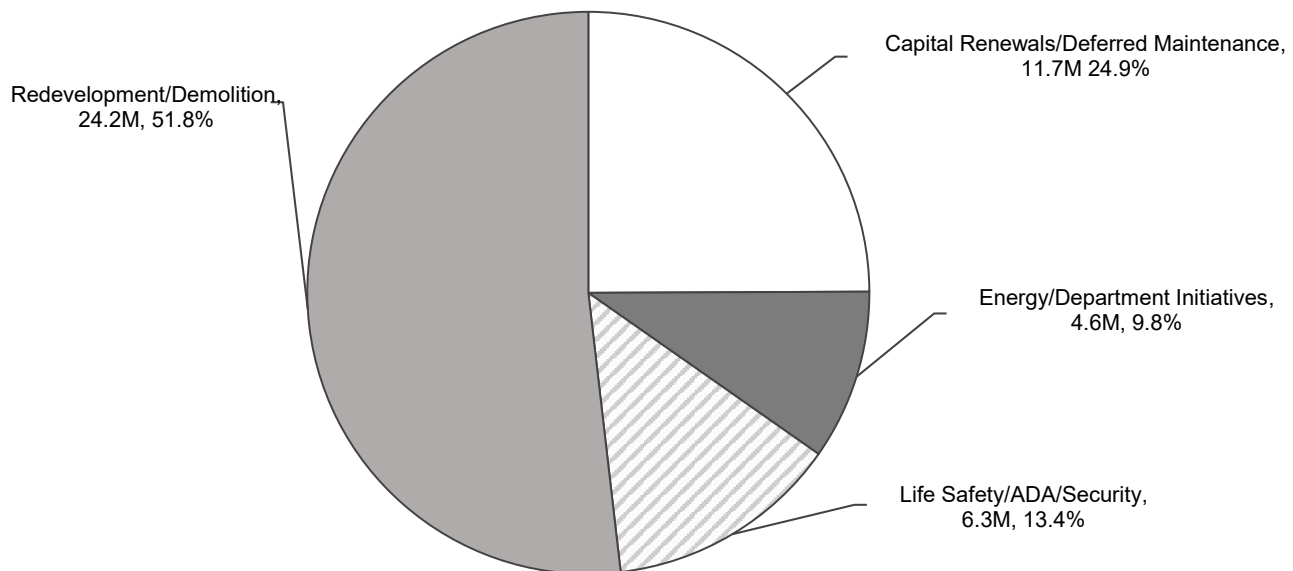
Public Safety

CORPORATE PORTFOLIO

The Cook County Corporate Portfolio includes approximately 2.7M square feet of facilities, built between 1906 and 2013. The Corporate Portfolio include projects at facilities such as the County Building, George W. Dunne County Office Building, Warehouses, and Transportation & Highway Department.

Corporate Portfolio	FY2019-2028	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024-2028
CCHD Maintenance Facility District 1	2,985,000	-	2,985,000	-	-	-	-
CCHD Maintenance Facility District 2	5,709,700	-	5,209,700	500,000	-	-	-
CCHD Maintenance Facility District 4	6,730,000	-	600,000	6,130,000	-	-	-
CCHD Maintenance Facility District 5	800,000	-	200,000	500,000	100,000	-	-
County Building	22,025,000	7,245,000	5,780,000	3,000,000	3,000,000	500,000	2,500,000
Countywide Corporate	34,203,143	15,805,400	3,955,638	3,433,176	1,935,764	2,038,404	7,034,761
Daley Center	5,945,000	5,945,000	-	-	-	-	-
George W. Dunne Administration Building	28,046,350	17,046,350	5,050,000	2,150,000	2,050,000	1,050,000	700,000
Rockwell Warehouse	710,000	710,000	-	-	-	-	-
Sheriff Vehicle Services	1,170,000	-	50,000	-	100,000	1,020,000	-
Total	\$108,324,193	\$46,751,750	\$23,830,338	\$15,713,176	\$7,185,764	\$4,608,404	\$10,234,761

Corporate (CF) by Project Type
\$46.8 million





Dunne Building, 69 W. Washington – 22nd Floor New Multi-Function Conference

CORPORATE CAPITAL PORTFOLIO PROJECTS FOR FY2019

22ND FLOOR SHARED CONFERENCE ROOMS PHASE 3 – DUNNE BUILDING, 69 WEST WASHINGTON RENOVATION

Following the direction established by the REASRP, the DREM spearheaded the development of a conference center floor to centralize meeting needs and open spaces that are currently being used as conference rooms. With the completion of Phase 2 relocation of tenants, the DCPD can now continue to implement the Phase 3 renovations of the 22nd floor into a conference center. The project will include additional functional upgrades as well as associated finishes, fixtures and equipment. There will also be technology and security upgrades incorporated into the project to better serve the occupants and public visitors. As consolidation continues to open more floors within the building for outside rental space, the amenities on the 22nd floor provide additional competitive value for prospective market rate tenants.

CORPORATE OFFICES RENOVATION & CONSOLIDATION

The DREM has completed the planning necessary to vacate three additional floors within the Dunne Building, using recommendations from the REASRP. Following the process from FY2018, other existing County tenants will be provided with new and more efficient space in the building or, in some cases, it may serve them better to work in the adjacent County or Daley Center buildings. The redesign of multiple floors in the downtown Corporate campus is a part of the long-term implementation of agreed-upon space standards for the County. After this year's round of renovations, approximately 60,000 additional

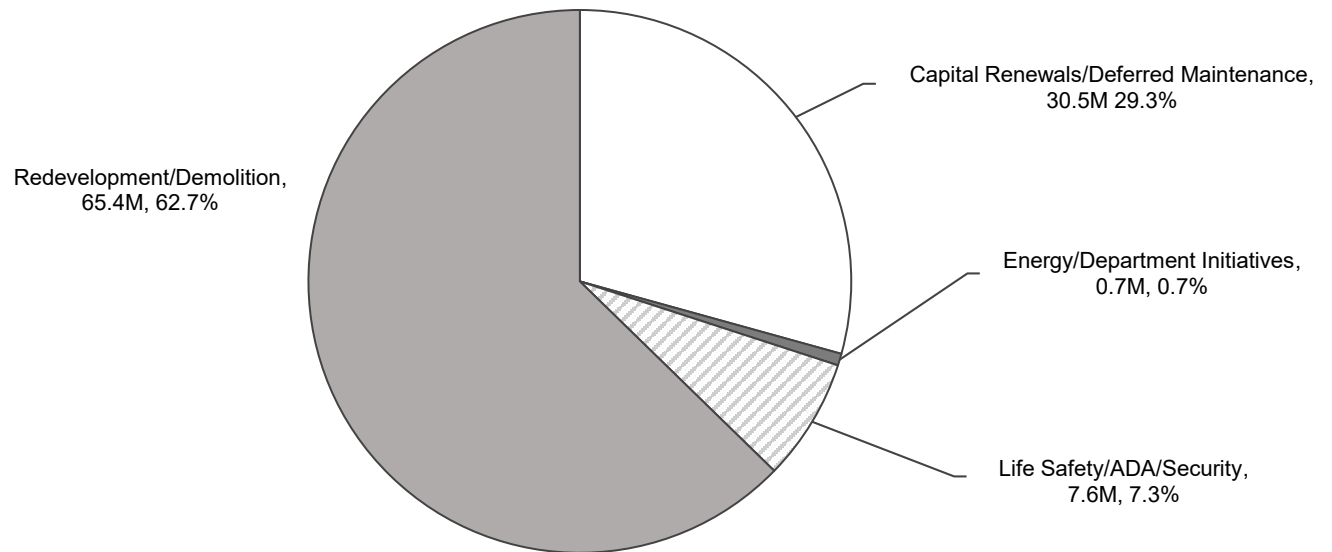
square feet will be available to lease, generating additional revenue. Part of the planning effort will include utilizing the Work Place Strategy methodology to establish the blueprint that will assist in the design effort to establish more efficient, collaborative, and contemporary workplace that can be appropriately applied to various specific County functions.

HEALTH & HOSPITALS PORTFOLIO

The Cook County Health and Hospitals System (CCHHS) operates in 4.6 million square feet of facilities built between 1908 and 2018. Projects for this operating group are found at various locations throughout the County, including the John H. Stroger, Jr., Hospital, Oak Forest Health Center, Provident Hospital, and various health clinics. CCHHS continues to carry out initiatives outlined in their Impact 2020 Strategic Plan to develop and upgrade facilities in their portfolio.

Health and Hospital Portfolio	FY2019-2028	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024-2028
CCHHS Administration	3,400,000	400,000	-	1,500,000	1,500,000	-	-
Cicero Health Center	6,500,000	6,500,000	-	-	-	-	-
Cottage Grove Medical Center	35,000	35,000	-	-	-	-	-
Countywide Hospitals	69,647,920	9,297,920	10,550,000	19,850,000	12,850,000	12,850,000	4,250,000
Des Plaines TB Clinic	60,000	60,000	-	-	-	-	-
Dr. Jorge Prieto Health Center	900,000	400,000	-	-	-	500,000	-
Edward Piszczek TB Clinic	4,500,000	500,000	3,000,000	1,000,000	-	-	-
Englewood Health Center	1,540,000	440,000	-	-	350,000	-	750,000
Harvey TB Clinic	350,000	350,000	-	-	-	-	-
John H. Stroger Jr. Hospital	110,170,933	34,895,933	8,575,000	8,800,000	8,850,000	17,350,000	31,700,000
Logan Square Health Center	12,575,000	3,775,000	8,300,000	0	250,000	250,000	-
Oak Forest Health Center	54,800,000	24,150,000	26,550,000	4,100,000	-	-	-
OFH Administration Building, Floors 1,2,3	7,500,000	800,000	6,700,000	-	-	-	-
Old Main Hospital	10,800,000	6,000,000	4,800,000	-	-	-	-
Provident Hospital	173,765,000	15,965,000	73,000,000	72,000,000	8,200,000	1,100,000	3,500,000
Public Health Clinic	400,000	400,000	-	-	-	-	-
Robbins Health	2,035,000	35,000	-	-	350,000	-	1,650,000
Vista Health Center	250,000	250,000	-	-	-	-	-
Total	\$459,228,853	\$104,253,853	\$141,475,000	\$107,250,000	\$32,350,000	\$32,050,000	\$41,850,000

Health & Hospitals (HH) by Project Type
\$104.3 million



John H. Stroger, Jr., Hospital

HEALTH & HOSPITALS CAPITAL PROJECTS FOR FY2019

COMMUNITY BASED HEALTHCARE CLINICS

The DCPD continues to assist CCHHS implement their community based health initiative. This includes the opening of a Community Health Center on the main Stroger Hospital Campus that was relocated and expanded; completing the design and, starting construction on one additional Community Health Center located in north suburban Cook County; and, design and construction of a Regional Outpatient Center in south suburban Cook County. These facilities will provide much needed healthcare services locally and will expand the network of community-based services. Modern clinics will increase the availability of local medical services to their respective communities and provide enhanced access to continual care. Lastly, CCHHS will have the ability to maximize revenue by improving service utilization through these community health centers.

JOHN H. STROGER, JR., HOSPITAL

The DCPD is working with CCHHS to implement capital renewal projects stemming from an analysis of the existing mechanical & electrical systems at Stroger Hospital that was completed in FY2018. This work identified numerous systems requiring replacement at the 18-year-old hospital. In FY2019, the facility improvements will include the restoration and modernization of the existing air handlers, boilers efficiency improvements, repair and replacement of antiquated or dysfunctional system components, and installation of new LED lighting throughout the hospital. These projects will reduce the operating energy costs to Cook County and ensure compliance with the authorities having jurisdiction over the facility.

OAK FOREST HOSPITAL CAMPUS FEASIBILITY STUDY

The BAM is working with the CCHHS to identify more efficient uses for Oak Forest Hospital Campus. Many of the buildings are beyond their useful life and the site is substantially underutilized. A solicitation for proposals was issued in FY2018 by DREM to engage a qualified team to complete a feasibility analysis for the Campus. The feasibility study will provide the Bureau with a guide on how to address the long-range Campus uses in parallel with the changing requirements of the CCHHS.

NEW RENAL DIALYSIS CENTER

In FY2018, the DCPD began solicitation for construction of the Renal Dialysis Center. The Dialysis Center is scheduled for completion in the first half of FY2019, and will provide a convenient free-standing location to better serve the community.

PROVIDENT HEALTH & DIAGNOSTIC CENTER

The BAM, in partnership with CCHHS, will begin a new Health Center on the Provident Campus in FY2019. The Campus improvements include the demolition of the current John Sengstacke Health Clinic. The new single 9-story, 230,000 square foot facility will provide a state-of-the-art patient care facility. This new facility will expand the breadth and scale of services provides by CCHHS, increase existing revenue streams for the health system, while enhancing access to core healthcare services in this geographic area.

PUBLIC SAFETY PORTFOLIO

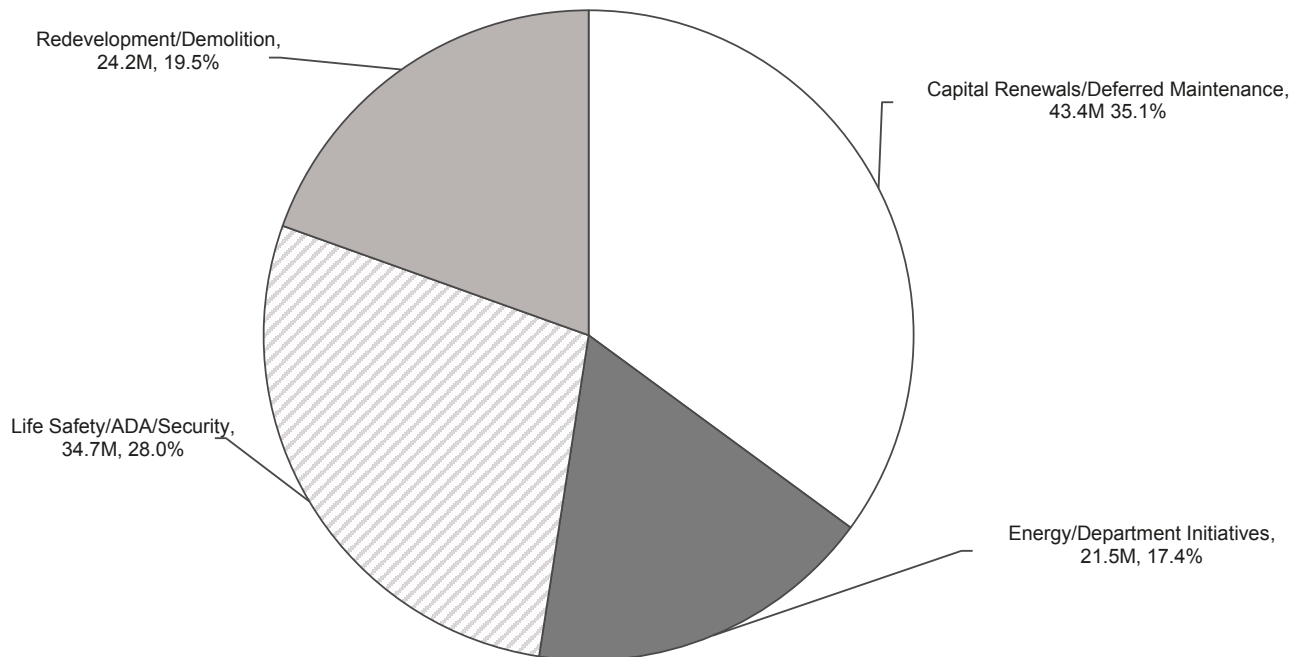
The Circuit Court of Cook County and the Cook County Department of Corrections (DOC) operate in approximately 9.7 million square feet of leased and owned facilities with structures built between 1910 and 2002. Projects in this operating group are found at various locations throughout the County, including at DOC, the JTDC, the Daley Center and the outlying District Court Houses.



Leighton Criminal Courthouse – Bond Court Renovation

Public Safety Portfolio	FY2019-2028	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024-2028
Bridgeview Courthouse	30,600,000	600,000	-	5,000,000	20,000,000	5,000,000	-
Circuit Court	19,898,333	5,198,333	9,800,000	4,900,000	-	-	-
Countywide Public Safety	336,321,800	51,805,000	49,350,000	42,353,500	45,163,300	23,400,000	124,250,000
DOC Campus	880,020,000	38,970,000	41,450,000	42,700,000	72,200,000	20,200,000	664,500,000
DOC Cermak Health Services	3,300,000	800,000	1,000,000	1,000,000	500,000	-	-
Domestic Violence Courthouse	10,160,000	160,000	-	-	-	-	10,000,000
Jefferson Building	74,250,000	1,450,000	3,800,000	2,000,000	4,000,000	11,000,000	52,000,000
Juvenile Temporary Detention Center East	42,650,000	10,900,000	9,350,000	1,350,000	350,000	350,000	20,350,000
Juvenile Temporary Detention Center West	350,000	350,000	-	-	-	-	-
Markham Courthouse	10,715,000	715,000	-	-	-	10,000,000	-
Maywood Campus	2,700,000	2,700,000	-	-	-	-	-
Maywood Courthouse	1,400,000	1,100,000	150,000	150,000	-	-	-
Robert J. Stein Institute of Forensic Medicine	3,131,479	3,131,479	-	-	-	-	-
Rolling Meadows	25,275,000	275,000	-	-	-	-	25,000,000
Sheriff Training	7,000,000	500,000	500,000	3,000,000	3,000,000	-	-
Sheriff Vehicle Services	100,000	100,000	-	-	-	-	-
Skokie Courthouse	23,527,000	4,027,000	2,500,000	1,000,000	-	-	16,000,000
Whitcomb Building	2,420,000	1,070,000	1,350,000	-	-	-	-
Total	\$1,473,818,612	\$123,851,812	\$119,250,000	\$103,453,500	\$145,213,300	\$69,950,000	\$912,100,000

Public Safety (PS) by Project Type
\$123.9 million



PUBLIC SAFETY CAPITAL PROJECTS FOR FY2019

The DCPD contracted a team in FY2017 to provide Capital Program Management (CPM) Services, including development of a master plan for the Maywood and DOC campuses. A building assessment review and update process guides the master plan developments and capital improvement planning. Upon completion, these master plans will provide a roadmap to achieve additional operational efficiencies. Projects to be implemented in FY2019, based upon CPM and master plan services include:

ADA IMPROVEMENTS AT THE MAYWOOD & DOC CAMPUSES

The DCPD continues to partner with the Sheriff's Office, DOC, and DFM to address compliance-related items mentioned in the Department of Justice's (DOJ) Barriers Report. There have been numerous projects where peer reviews have been conducted, meetings held with the City of Chicago Mayor's Office of People with Disabilities (MOPD) and revisions identified on proposed construction projects. The FY2019 Public Safety CIP includes ADA improvements at Cermak Hospital, Division VIII, Maywood Courthouse, Leighton Courthouse, and a strategic review of other identified DOC facilities.

CELL DOORS, LOCKS, FRAMES & ELECTRONIC SECURITY DOOR CONTROLS

Many of the cells in housing units at DOC are beyond their useful life and are exhibiting failure due to the condition of the locks, doors, frames, hinges and frame strapping. The DOC staff manually operates some cell doors and gates in its divisions because of the age of these buildings. The design of an automatic, tamper-proof system was completed in late FY2018 along with the development of the phasing and constraints portion of the work. The replacement of the cell locks, doors, frames and associated electronic door controls for Divisions IV, V and VI will begin in FY2019. The development of Requests for Proposals for additional design work is progressing for similar project scopes at Divisions IX, X and XI, with design targeted to begin in FY2019.

COURTHOUSE SECURITY ENHANCEMENTS

The DCP, in partnership with the Cook County Department of Homeland Security & Emergency Management, supported by a US Department of Homeland Security grant, is conducting a full-spectrum assessment of security needs at all district courthouses and issue detailed recommendations for the hardening of those facilities. The intent of these enhancements is to deter threats and maximize safety at the courts for the public, court employees, and visitors. Implementation of the first phase of such measures will begin in FY2019.

CCAB/CCB & DISTRICT COURTS MECHANICAL/ELECTRICAL/PLUMBING SYSTEMS REPLACEMENTS

The Cook County Criminal Court Administration Building (CCAB), erected in FY1978, continues to experience deterioration of some core building systems. Continuing efforts started in previous years. The FY2019 CIP includes improvements to the systems and components identified by Building Assessment Reviews, DFM and DCP projects. The projects will include design/construction services for HVAC improvements, pneumatic control replacements, electrical service and DX unit replacements.

CCAB ADULT PROBATION RENOVATION PHASE I, II & III

In FY2016, DCP worked with the Office of the Chief Judge (OCJ) to consolidate and renovate the existing Adult Probation offices located in the lower level of the CCAB. The Phase I project was completed in FY2017. This more modern, secure and efficient space allows personnel working in satellite offices to re-join their divisions as well as resolving union grievances due to deteriorated working conditions. Phase II of the project was completed in FY2018 and included additional areas in the lower level of the CCAB. For FY2019, Phase III will enter design/construction and will renovations to the B1 and Lower Level Basement areas of the CCAB.

CCB MAIN HOLDING & LOCKUP AREA ADA IMPROVEMENTS

The existing holding cells areas in the Leighton Criminal Courts Building (CCB) are significantly dated and were designed prior to legal requirements for appropriate accommodations for persons with disabilities. To bring these areas into compliance, the DCP, partnering with the OCJ and the Sheriff's Office, is embarking on a major renovation of these areas to improve functionality and provide equality of treatment regardless of a person's mobility. In FY2017, design was completed to include the rehabilitation of areas, ADA compliance measures, HVAC, electrical and security upgrades to improve the opera-

tion, security and environment of these areas. The phasing of the work in the Courthouse, which must remain operational during construction, was worked out with the Chief Judge and the Sheriff, and documents were revised for bid in FY2018. The multi-year construction project is projected to be bid in FY2018. The project is scheduled for completion in FY2022.

DEMOLITION OF DIVISIONS I & IA

As the detainee population has declined, the DCPD has begun to demolish buildings on the DOC campus. These strategic demolitions offer opportunities for redevelopment and restructuring across the campus. The site of the former Division III, demolished in FY2017, is included in the FY2019 CIP for conversion to secure outdoor recreation space to be utilized by Cermak Health Services and Division VIII. Demolition of Division XVII was also completed in FY2017, with site restoration completed in FY2018. The design phase for the demolition of Division I & IA will be complete in FY2018, which include the development of similarly challenging phasing for the work. Demolition of Divisions I & IA will begin in FY2019.

DEPARTMENT OF CORRECTIONS (DOC) CAMERA PROJECTS

Phase I of the Sheriff Video Camera and Recording Systems project was completed in FY2015 with the installation of over 1700 security cameras and monitoring equipment at DOC campus and outlying courthouses. Phase I has reduced the number of potential lawsuits, violations and grievances filed, with an improved and more secure environment for employees, detainees and the public. Phase II includes the design, bid, award and installation/replacement of security cameras for another large portion of the DOC Campus. Phase II design will be completed in FY2019 and the project will enter construction. The FY2019 Budget also includes a Phase III Camera project to identify and begin design for the third phase of video surveillance security enhancements.

JUVENILE COURTHOUSE & JUVENILE TEMPORARY DETENTION CENTER (JTDC)

Collaborating with the JTDC team, the DCPD is moving forward with a project to renovate/replace the existing elevator systems in the East building, West Courthouse, and the Parking Garage, which are each original to the building construction, erected in FY1974 and FY1993 respectively. This project will bring the vertical elevator systems into compliance with current fire service code, address ADA compliance, and deferred maintenance needs. The work has been broken up into two projects to facilitate an expedited replacement of the four elevators in the West Courthouse. The design of the remaining elevators and escalators was completed and advertised for construction in FY2018. Construction is targeted to begin late in FY2018 and will continue through FY2019.

ROOF REPLACEMENTS

In 2013, the DCPD determined that most roof systems on the DOC campus needed full tear off and replacement. Working with the Sheriff's Office, and in response to its needs, the DCPD established a priority ranking for roof replacements at the DOC, and began replacing priority one roofing systems. In FY2015, the DCPD replaced the roof on both Division III Annex and Division IV. By the end of the fourth quarter of FY2018, the DCPD will have performed complete tear offs and replacement of roof systems for Division IX, Division II – Dorm 4, Division IV Gymnasium, South Campus - Building 1, and the Leighton Courthouse Building upper roofs, for a total of over 190,600 square feet of new roof installation. In addition, design for roof replacement and associated mechanical work for the Whitcomb building at the Maywood campus will be completed and construction will begin in FY2019.

COUNTYWIDE CAPITAL PROJECTS

The DCPD developed the FY2019 Countywide Capital Projects Program to comprehensively target the needs of various facilities with similar systems. These countywide programs increase efficiency by packaging similar projects together for cost effective procurement and project delivery. Properties are assessed regularly for the need to replace or upgrade building systems, such as: elevators, roofs, Fire & Life Safety Systems, and telecommunications.

FIRE & LIFE SAFETY SYSTEM UPGRADES

Fire & Life Safety Systems are critical to the well-being of employees and visitors of all County facilities. Throughout our portfolio, the County has a variety of aging and antiquated Life Safety Systems that need replacement, renovation or upgrades. DCPD has created an aggressive, multi-year, countywide program to assess and address these core building systems.

Halon Fire Suppression systems were first-generation dry suppression systems employed years ago to provide a means of fire suppression, primarily in rooms with high-value electronics equipment. New codes and standards have been created since these systems were installed. The gaseous chemical used in Halon Suppression systems was identified to cause ozone depletion and is no longer allowed for recharging the existing systems. The DCPD is replacing these systems across the portfolios on a rolling basis, including at outlying courthouses, either complete replacement and installation or conversion of a pre-action Fire Suppression System.

FLOOR COVERING REPLACEMENT

The Countywide Carpet Replacement Program identifies and addresses floor covering needs in the portfolio through a needs-based assessment process. Floor covering replacement not only enhances building aesthetics, but also provides safe use for the public and increases the overall cleanliness of our facilities. As a core building capital renewal, the replacement of floor coverings ensure that a building's useful life is attained through systematic and phased replacement of these necessary building features.

GREEN BUILDINGS PROGRAM (GBP)

The BAM is developing metrics to track improvements in sustainability across the three portfolios. Using a points-based system that evaluates each new and existing facility on its adherence to the GBP pillars and associated goals, a Facility Sustainability Condition Index score, from 0 (worst) to 100 (best) will be generated for each facility. Year-over-year improvement of the average score will be a Key Performance Indicator (KPI) for evaluating the GBP success. The baseline was in FY2018 to start the assessment process.

GUARANTEED ENERGY PERFORMANCE CONTRACTS (GEPC)

- The first two guaranteed energy performance contracts, the DOC and JTDC campuses and the Stroger Hospital Campus, entered the second year of measurement and verification in FY2018. These two projects have delivered \$8.6 million in savings in the first two years. The final two GEPC's completed construction in the 3rd and 4th quarters of FY2017 and began measurement and verification (M&V) in the 1st quarter of FY2018.

- The M&V firms provided quarterly inspection reports that generate corrective action lists aimed at increasing savings. BAM is working with our trades to implement the corrective actions to increase savings, while offering training opportunities.



Domestic Violence Courthouse – Photovoltaic/Solar Panel Array

roofing consultant to inspect and prioritize County facilities' roof replacements. The DCPD has also reviewed the options for roofing systems to appropriately marry the existing and new systems, maximizing its useful life and energy efficiency. In association with the President's Green Initiative and utilizing LEED principles, the DCPD is utilizing roofing systems that reduce the heat island effect and provide increased life expectancy. In some instances, the DCPD is evaluating green or vegetative roof options.

LEED (LEADERSHIP IN ENERGY & ENVIRONMENTAL DESIGN)

- Cook County was the first governmental agency in Illinois to pass an ordinance requiring all new construction to be LEED-certified by the US Green Building Council in FY2002; the CIP in FY2019 continues this progressive approach.
- The new Campus Health Center on the Stroger Hospital Campus, completed in FY2018, will be seeking to achieve LEED certification.
- The DCPD has continued to reduce operating expenses in FY2018 and implemented eight energy efficiency projects across all three portfolios, with an emphasis on reducing lighting loads within buildings by updating to LED lighting.

ROOF REPLACEMENTS

With a countywide portfolio that contains 70% of facilities built before FY1970, the requirement for new roofs and significant replacements is a critical need for many buildings. In FY2017, the DCPD engaged a professional

DEPARTMENT OF CAPITAL PLANNING & POLICY

ACCOMPLISHMENTS FOR FY2018

In FY2018, the DCPD completed many other projects in all three portfolios. The DCPD staff has been augmented through the use of the prequalified pool of professional consultants, Job Order Contracting program, increased capital project support by DFM forces, and cloud-based project management software. These additional resources have allowed the delivery of more projects on time and within budget during the fiscal year. The following are projects completed in FY2018:

CORPORATE PORTFOLIO

- Cicero Records Center
New Facilities for Cook County Board of Elections
- County Building
Multiple County Offices Renovations
- Daley Center
Plaza, Ramp, & Stairway Upgrades
Relocation & Consolidation of the States Attorney's Office facilities from the Dunne Building
- Dunne Building
22nd Floor Shared Conference Facilities, Phases I & II
Elevator & Elevator Lobby Renovations
Multiple Mechanical & Electrical Systems Upgrades
- RJS/Institute of Forensic Medicine
Parking Lot & Security Gate
- Rockwell Warehouse
Consolidation of Multiple Public Safety Stakeholders' Records Storage

HEALTH & HOSPITALS PORTFOLIO

- John H Stroger, Jr., Hospital
Water Booster Pump Replacement
Domestic Water & Non-Potable Booster Pumps Replacement
Replace Nuclear Accelerator Door Hinges
Steam Valve Replacement
Flooring Replacement, 5th Floor
Mechanical & Electrical Analysis, Phase 1
Fire Door Assessment, Phase 1

- New Cook County Central Campus Health Center
- Provident Hospital
 - ED HVAC Upgrade
 - Preheat Coil Replacement
- Prieto Health Center
 - Parking Lot Improvement
 - Flooring Replacement

PUBLIC SAFETY PORTFOLIO

- Bridgeview Courthouse
 - Retrofit Areas for Public E-File
- Cermak Hospital
 - Holding Cells/Separation
- Countywide Public Safety
 - Replacement of Cell Doors, Locks, Frames & Rotary Switches: Divisions IV; V; & VI (Design), Phasing, Constraints & Logistics
 - Emergency Power & UPS Upgrades, Phase I
- Countywide PS Roof Replacement
 - Contract 1: Division II; Dorm 4; South Campus Building 1
 - Contract 2: Division IX; Division IV Gymnasium
 - Contract 3: Criminal Courts Building
- Criminal Court Administration Building
 - Adult Probation Renovation, Phase II
 - Replace Domestic Hot Water Heater
 - Terminal Package Units
- Criminal Courts Building
 - Security Enhancements at CCB Sallyport (Design)
 - Replace Courtroom Sound Systems
 - Install Floor Drains – Penthouse & Equipment Rooms
 - Renovation of Bond Court
 - Replace 29 DX Units, Phase I
 - Main Holding Area ADA Improvements & Lock up Renovations (Design), Phasing, Constraints & Logistics
- Department of Correction
 - Division XVII Demolition, Sitework
 - Restroom Exhaust Fan Replacements, Divisions IV; V; & V

- Division 1 & 1A
Demolition (Design), Phasing, Constraints & Logistics
- Division VIII Residential Treatment Unit
Recreation Yard Concealment, Phase I
- Jefferson Building
ADA Bathroom Upgrade
- Juvenile Temporary Detention Center West
Replace Cooling Tower Fill, Filtering & Backwash System, Phase I
- Juvenile Temporary Detention Center East
Additional Water Fountains in Courtyard
Electronic Medical Records (Infrastructure Only), Design
Elevator Modernization, Design
Replace 2 Boilers
- Markham Courthouse
Retrofit Areas for Public E-File
- Maywood Courthouse
Boiler Replacement
New Motor Control Center
Water Heater Replacement
- Rolling Meadows Courthouse
Retrofit for Public E-File
- Skokie Courthouse
Retrofit for Public E-File
- Whitcomb Building
ADA Bathroom Upgrade

CAPITAL IMPROVEMENT PROJECTS

ANNUAL APPROPRIATION BILL VOLUME 1

CIP Project Type / Portfolio / Facility	Prioritized Spending 2019-2028	Annual Capital Investment 2019	Annual Capital Investment 2020	Annual Capital Investment 2021	Annual Capital Investment 2022	Annual Capital Investment 2023	Annual Capital Investment 2024-2028
CIP Total Spending	\$2,041,371,658	\$274,857,415	\$284,555,338	\$226,416,676	\$184,749,064	\$106,608,404	\$964,184,761
Capital Renewals/Deferred Maintenance	\$555,467,572	\$85,647,872	\$58,169,700	\$49,230,000	\$86,350,000	\$66,170,000	\$209,900,000
Corporate	\$42,551,050	\$11,656,350	\$11,744,700	\$8,780,000	\$1,300,000	\$2,270,000	\$6,800,000
CCHD Maintenance Facility District 1	\$2,985,000	-	\$2,985,000	-	-	-	-
Highway District 1 - Capital Renewals	2,985,000	-	2,985,000	-	-	-	-
CCHD Maintenance Facility District 2	\$5,709,700	-	\$5,209,700	\$500,000	-	-	-
Highway District 2 - Capital Renewals	5,709,700	-	5,209,700	500,000	-	-	-
CCHD Maintenance Facility District 4	\$6,730,000	-	\$600,000	\$6,130,000	-	-	-
Highway District 4 - Capital Renewals	6,730,000	-	600,000	6,130,000	-	-	-
CCHD Maintenance Facility District 5	\$800,000	-	\$200,000	\$500,000	\$100,000	-	-
Highway District 5 - Capital Renewal	800,000	-	200,000	500,000	100,000	-	-
County Building	\$7,780,000	\$2,380,000	\$1,400,000	\$500,000	\$500,000	\$500,000	\$2,500,000
5th Floor Board Room Sound System	30,000	30,000	-	-	-	-	-
County Building - Mechanical/Electrical Renovation	1,000,000	100,000	100,000	100,000	100,000	100,000	500,000
County Building Critical Mechanical Systems Replacements (JOC)	550,000	250,000	300,000	-	-	-	-
County Building Mechanical Systems Capital Renewal/Replacement Pr	3,800,000	200,000	400,000	400,000	400,000	400,000	2,000,000
County Building Recorder of Deeds: CCL Leakage	2,000,000	1,500,000	500,000	-	-	-	-
County Building Re-Stack/Consolidation - Interim Offices	400,000	300,000	100,000	-	-	-	-
Countywide Corporate	\$9,600,000	\$1,700,000	\$1,300,000	\$1,100,000	\$600,000	\$700,000	\$4,200,000
801 Countywide CF Roof Replacements	1,700,000	700,000	-	-	-	-	1,000,000
805 Countywide CCHD Maintenance Facilities Upgrades	500,000	100,000	-	100,000	-	100,000	200,000
832 Countywide - BAS/Smart Building Projects Upgrades	700,000	200,000	200,000	300,000	-	-	-
Countywide CF CM Services	600,000	300,000	300,000	-	-	-	-
Countywide CF Elevator Renovations	1,500,000	300,000	300,000	200,000	100,000	100,000	500,000
Countywide CF Job Order Contracting Projects	4,600,000	100,000	500,000	500,000	500,000	500,000	2,500,000
Daley Center	\$3,630,000	\$3,630,000	-	-	-	-	-
Building Automation System Upgrades	600,000	600,000	-	-	-	-	-
Clark Street Stairway Repairs	650,000	650,000	-	-	-	-	-
Concrete Sealer and Traffic Topping Replacement	75,000	75,000	-	-	-	-	-
Elastomeric Coating Re-application	190,000	190,000	-	-	-	-	-
Elevator Upgrades	200,000	200,000	-	-	-	-	-
Exit Ramp Barrier Replacement	700,000	700,000	-	-	-	-	-
Façade and Louver Repairs	1,000,000	1,000,000	-	-	-	-	-
Plaza Sealant Joints Replacement	35,000	35,000	-	-	-	-	-
Re-lining of Cooling Towers	180,000	180,000	-	-	-	-	-
George W. Dunne Administration Building	\$3,736,350	\$3,536,350	-	\$50,000	-	\$50,000	\$100,000
Arc Flash Evaluation Study	91,350	91,350	-	-	-	-	-
Chiller 10 Year Teardown	500,000	500,000	-	-	-	-	-
Chiller Frequency Drive	350,000	350,000	-	-	-	-	-
Dunne Building Boiler Replacement 2018	400,000	400,000	-	-	-	-	-
Dunne Building Plaza Improvements	250,000	50,000	-	50,000	-	50,000	100,000
Electrical Transformer Panels	300,000	300,000	-	-	-	-	-
Elevator Door Operators	350,000	350,000	-	-	-	-	-
Facility Condition Assessment	80,000	80,000	-	-	-	-	-
HVAC AIR Handling	400,000	400,000	-	-	-	-	-
HVAC MECH & SYSTEM Component	65,000	65,000	-	-	-	-	-
Liftnet Elevator Monitoring System	50,000	50,000	-	-	-	-	-
Plaza Improvements	150,000	150,000	-	-	-	-	-

CIP Project Type / Portfolio / Facility	Prioritized Spending 2019-2028	Annual Capital Investment 2019	Annual Capital Investment 2020	Annual Capital Investment 2021	Annual Capital Investment 2022	Annual Capital Investment 2023	Annual Capital Investment 2024-2028
CIP Total Spending	\$2,041,371,658	\$274,857,415	\$284,555,338	\$226,416,676	\$184,749,064	\$106,608,404	\$964,184,761
Pumps Replacement	350,000	350,000	-	-	-	-	-
Restrooms Upgrades	400,000	400,000	-	-	-	-	-
Rockwell Warehouse	\$410,000	\$410,000	-	-	-	-	-
817 Rockwell Warehouse - Renovation of Sheriff's Vehicle Service Oil	150,000	150,000	-	-	-	-	-
818 Rockwell Warehouse - Renovation of Sheriff's Vehicle Service Ex	60,000	60,000	-	-	-	-	-
834 Rockwell - Capital Renewals to support consolidation	150,000	150,000	-	-	-	-	-
Rockwell - Sheriff's Garage Entrance Renovation(JOC/DFM)	50,000	50,000	-	-	-	-	-
Sheriff Vehicle Services	\$1,170,000	-	\$50,000	-	\$100,000	\$1,020,000	-
Highway District 3 - Capital Renewals	1,170,000	-	50,000	-	100,000	1,020,000	-
Health and Hospitals	\$119,120,933	\$30,545,933	\$8,675,000	\$9,400,000	\$10,350,000	\$19,550,000	\$40,600,000
Cottage Grove Medical Center	\$35,000	\$35,000	-	-	-	-	-
913 CGMC Replacement of RTU#1/Upgrade BAS	35,000	35,000	-	-	-	-	-
Countywide Hospitals	\$6,750,000	\$1,350,000	\$600,000	\$600,000	\$600,000	\$600,000	\$3,000,000
Countywide HH Infrastructure Projects	1,300,000	400,000	100,000	100,000	100,000	100,000	500,000
Countywide HH Roof Replacement	5,450,000	950,000	500,000	500,000	500,000	500,000	2,500,000
Des Plaines TB Clinic	\$60,000	\$60,000	-	-	-	-	-
Des Plaines TB Clinic Roof Replacement	60,000	60,000	-	-	-	-	-
Dr. Jorge Prieto Health Center	\$900,000	\$400,000	-	-	-	\$500,000	-
Prieto Clinic-Site and Envelope Renovations	400,000	400,000	-	-	-	-	-
Prieto Health Center Capital Renewals	500,000	-	-	-	-	500,000	-
Englewood Health Center	\$1,465,000	\$365,000	-	-	\$350,000	-	\$750,000
914 EHC Flooring Replacement	350,000	350,000	-	-	-	-	-
990 Englewood Health Center - Capital Renewals	765,000	15,000	-	-	-	-	750,000
Englewood Health Center - Roof Replacement	350,000	-	-	-	350,000	-	-
John H. Stroger Jr. Hospital	\$99,720,933	\$24,945,933	\$8,075,000	\$8,800,000	\$8,850,000	\$17,350,000	\$31,700,000
923 JHS – Replace Powerhouse Roof	76,000	76,000	-	-	-	-	-
925 JHS - Elevator modernization	3,100,000	2,325,000	775,000	-	-	-	-
Central Campus (JHS) Parking - Capital Renewals	2,750,000	-	2,750,000	-	-	-	-
JHS - Capital Renewals	1,750,000	-	-	-	-	-	1,750,000
JHS Add Chillers to Emergency Power	2,200,000	2,200,000	-	-	-	-	-
JHS Auto Transfer Switches	400,000	400,000	-	-	-	-	-
JHS Blower Replacement at Powerhouse	750,000	-	750,000	-	-	-	-
JHS Dielectric Fittings Replacement	400,000	-	200,000	200,000	-	-	-
JHS Domestic Water System	80,000	80,000	-	-	-	-	-
JHS Extended Exhaust Stacks for Ventilation System	650,000	650,000	-	-	-	-	-
JHS Façade Inspection & Repair	2,060,000	2,060,000	-	-	-	-	-
JHS Interior LED Lighting Replacement Phase 2	750,000	-	-	-	250,000	250,000	250,000
JHS Interior LED Lighting Replacement Phase I	1,200,000	1,200,000	-	-	-	-	-
JHS Interior Re-Stack	22,000,000	-	-	500,000	1,500,000	10,000,000	10,000,000
JHS Isolation Room Controls Replacement	50,000	50,000	-	-	-	-	-
JHS Mechanical Systems Capital Renewal/Replacement Projects	29,300,000	2,200,000	600,000	4,100,000	4,100,000	4,100,000	14,200,000
JHS New Redundant Battery for the Generator Paralleling Board	60,000	60,000	-	-	-	-	-
JHS Parking Garage Upgrade	3,200,000	1,200,000	-	-	-	-	2,000,000
JHS Penn Heat Recovery	300,000	300,000	-	-	-	-	-
JHS Renovation/Replacement Projects	30,000	30,000	-	-	-	-	-
JHS Replace 16 Steam Valves on Heat Exchanges	21,000	21,000	-	-	-	-	-
JHS Replace Hinges on Nuclear Accelerator Doors	3,003,933	3,003,933	-	-	-	-	-
JHS Replace/Upgrade Electrical System	11,400,000	600,000	800,000	2,000,000	3,000,000	3,000,000	2,000,000

CAPITAL IMPROVEMENT PROJECTS

ANNUAL APPROPRIATION BILL VOLUME 1

CIP Project Type / Portfolio / Facility	Prioritized Spending 2019-2028	Annual Capital Investment 2019	Annual Capital Investment 2020	Annual Capital Investment 2021	Annual Capital Investment 2022	Annual Capital Investment 2023	Annual Capital Investment 2024-2028
CIP Total Spending	\$2,041,371,658	\$274,857,415	\$284,555,338	\$226,416,676	\$184,749,064	\$106,608,404	\$964,184,761
JHS Replacement Carpet with Tile Flooring	150,000	150,000	-	-	-	-	-
JHS Replacement of All Chilled Water Coils	3,050,000	1,000,000	1,050,000	1,000,000	-	-	-
JHS Replacement Project 40 Fan Units	3,050,000	1,000,000	1,050,000	1,000,000	-	-	-
JHS Roof Replacement	4,600,000	4,600,000	-	-	-	-	-
JHS Stormwater Sewer and Irrigation Replacement	325,000	225,000	100,000	-	-	-	-
JHS Total Rebalancing of HVAC System	2,700,000	1,200,000	-	-	-	-	1,500,000
JHS Variable Frequency Drive Replacement for AHU's and Pumps	250,000	250,000	-	-	-	-	-
JHS Variable Frequency Drive Replacement for Cooling Towers	65,000	65,000	-	-	-	-	-
Oak Forest Health Center	\$1,200,000	\$1,200,000	-	-	-	-	-
OFC Homeland Security Emergency Back-up Second Power Source	1,200,000	1,200,000	-	-	-	-	-
Provident Hospital	\$6,990,000	\$2,190,000	-	-	\$200,000	\$1,100,000	\$3,500,000
931 Provident - Parking Structure - Capital Renewals	6,300,000	1,500,000	-	-	200,000	1,100,000	3,500,000
933 Provident Hospital Replacement of Domestic Hot Water Heater	350,000	350,000	-	-	-	-	-
936 Provident Hospital DX Cooling Add-on System for HVAC - 7 Surgic	265,000	265,000	-	-	-	-	-
Provident Renal Dialysis Exterior Sealant Replacement	75,000	75,000	-	-	-	-	-
Robbins Health	\$2,000,000	-	-	-	\$350,000	-	\$1,650,000
Robbins Health Center - Capital Renewals	1,650,000	-	-	-	-	-	1,650,000
Robbins Health Center - Roof Replacement	350,000	-	-	-	350,000	-	-
Public Safety	\$393,795,589	\$43,445,589	\$37,750,000	\$31,050,000	\$74,700,000	\$44,350,000	\$162,500,000
Bridgeview Courthouse	\$30,000,000	-	-	\$5,000,000	\$20,000,000	\$5,000,000	-
Bridgeview Courthouse - Capital Renewals	30,000,000	-	-	5,000,000	20,000,000	5,000,000	-
Countywide Public Safety	\$139,975,000	\$31,225,000	\$22,650,000	\$22,700,000	\$12,250,000	\$9,000,000	\$42,150,000
836 Countywide PS - Carpet Replacement	3,250,000	550,000	300,000	300,000	300,000	300,000	1,500,000
860 Countywide PS - Elevator Upgrades and Modernizations	20,500,000	400,000	2,500,000	2,400,000	2,000,000	2,400,000	10,800,000
861 Countywide PS - Emergency Generator Projects	2,300,000	300,000	1,000,000	1,000,000	-	-	-
863 Countywide PS -Mechanical, Electrical and Plumbing Projects	29,600,000	2,300,000	3,500,000	4,000,000	3,300,000	3,000,000	13,500,000
864 Countywide PS Building Envelope & Foundation Projects	15,250,000	250,000	1,800,000	1,800,000	1,500,000	1,800,000	8,100,000
865 Countywide PS - Sidewalks, Roads and Parking Lot Projects	16,850,000	1,500,000	2,050,000	1,800,000	1,750,000	1,500,000	8,250,000
880 Ceiling Tile Replacement - All Outlying Courthouses	1,600,000	400,000	400,000	400,000	400,000	-	-
881 JTDC/Rolling Meadows Courthouses - Concrete Ramp & Sidewalk	400,000	300,000	100,000	-	-	-	-
Countywide PS Replacement of Cell Doors, Locks, Frames and Rotary	20,000,000	8,000,000	6,000,000	6,000,000	-	-	-
Countywide PS Roof Replacements	22,500,000	9,500,000	5,000,000	5,000,000	3,000,000	-	-
Outlying Courthouses - Replace Garage Doors	250,000	250,000	-	-	-	-	-
Rolling Meadows and Domestic Violence - Replace Cooling Tower	2,000,000	2,000,000	-	-	-	-	-
States Attorney Carpet Replacement Project	225,000	225,000	-	-	-	-	-
States Attorney Office Space Remodel	5,250,000	5,250,000	-	-	-	-	-
DOC Campus	\$129,310,000	\$6,610,000	\$8,600,000	\$3,000,000	\$42,100,000	\$20,000,000	\$49,000,000
866 DOC Campus - Main Parking Garage Improvements	2,650,000	400,000	750,000	750,000	750,000	-	-
887 Mental Health Transition Center	3,300,000	300,000	1,500,000	1,500,000	-	-	-
CCAB - Replace Non-Operational Chilled Water & Heating Makeup Sys	75,000	75,000	-	-	-	-	-
CCAB Capital Renewals	15,000,000	-	-	-	-	-	15,000,000
CCB - Installation of New Carpeting / Tile	100,000	100,000	-	-	-	-	-
CCB - Remodel Bond Court Judges Bathroom	30,000	30,000	-	-	-	-	-
CCB - Replace Court Room Gallery & Office Ceilings - Flrs 1-3	300,000	150,000	150,000	-	-	-	-
CCB - Replace Pneumatic Controls	200,000	200,000	-	-	-	-	-
CCB Capital Renewals	15,000,000	-	-	-	-	-	15,000,000
CCB Replace 29 DX Units Phase 2	3,000,000	1,500,000	1,500,000	-	-	-	-
Division IV Building entrance overhang (JOC)	1,815,000	1,315,000	500,000	-	-	-	-

CIP Project Type / Portfolio / Facility	Prioritized Spending 2019-2028	Annual Capital Investment 2019	Annual Capital Investment 2020	Annual Capital Investment 2021	Annual Capital Investment 2022	Annual Capital Investment 2023	Annual Capital Investment 2024-2028
CIP Total Spending	\$2,041,371,658	\$274,857,415	\$284,555,338	\$226,416,676	\$184,749,064	\$106,608,404	\$964,184,761
Division IV Capital Renewals	2,100,000	-	-	750,000	1,350,000	-	-
Division V Capital Renewals	12,000,000	-	-	-	-	-	12,000,000
Division VI - Replace Chilled Water & Steam Coils - All AHU's	600,000	600,000	-	-	-	-	-
Division VI Capital Renewals	7,000,000	-	-	-	-	-	7,000,000
Division X Capital Renewals	41,000,000	-	1,000,000	-	40,000,000	-	-
Division XI Capital Renewals	21,000,000	-	1,000,000	-	-	20,000,000	-
DOC - Division 4 & Gym - Replacement of Building Fire Alarm System	1,100,000	100,000	1,000,000	-	-	-	-
DOC - Division 5 - Replacement of Building Fire Alarm System	1,350,000	150,000	1,200,000	-	-	-	-
DOC - Division 8 RTU - Increasing Underground Sewer Pipe Size	400,000	400,000	-	-	-	-	-
DOC - Division XI Lift Station - Monitoring Station	40,000	40,000	-	-	-	-	-
DOC - Parking Lot A Resurfacing	500,000	500,000	-	-	-	-	-
DOC - Roadway Resurfacing	750,000	750,000	-	-	-	-	-
Domestic Violence Courthouse	\$10,000,000	-	-	-	-	-	\$10,000,000
Domestic Violence - Capital Renewals	10,000,000	-	-	-	-	-	10,000,000
Jefferson Building	\$2,700,000	\$900,000	\$1,800,000	-	-	-	-
Maywood - Renovation of Windows and Gutters	700,000	700,000	-	-	-	-	-
Maywood Campus Rooftop Mechanical Unit Replacements	2,000,000	200,000	1,800,000	-	-	-	-
Juvenile Temporary Detention Center East	\$25,690,000	\$940,000	\$3,350,000	\$350,000	\$350,000	\$350,000	\$20,350,000
882 JTDC - Floor Tile Replacement - Plus Abatement	2,100,000	350,000	350,000	350,000	350,000	350,000	350,000
JTDC East - Capital Renewals	20,000,000	-	-	-	-	-	20,000,000
JTDC East Replace 2 boilers	3,000,000	500,000	2,500,000	-	-	-	-
JTDC East Replace hot water storage tanks	590,000	90,000	500,000	-	-	-	-
Juvenile Temporary Detention Center West	\$100,000	\$100,000	-	-	-	-	-
Juvenile / Child Protection - New Carpet / Tile	100,000	100,000	-	-	-	-	-
Markham Courthouse	\$10,105,000	\$105,000	-	-	-	\$10,000,000	-
District 6 Markham - New Carpet / Tile	75,000	75,000	-	-	-	-	-
Markham - Replace Carpet - CCSO	30,000	30,000	-	-	-	-	-
Markham Courthouse - Capital Renewals	10,000,000	-	-	-	-	10,000,000	-
Maywood Campus	\$1,500,000	\$1,500,000	-	-	-	-	-
Maywood - Replace Watermain to Jefferson and Whitcomb Buildings	200,000	200,000	-	-	-	-	-
Maywood parking lot curb replacement and asphalt paving	1,300,000	1,300,000	-	-	-	-	-
Robert J. Stein Institute of Forensic Medicine	\$790,589	\$790,589	-	-	-	-	-
938 RJS/IFM Investigators Renovation	25,000	25,000	-	-	-	-	-
Forensic Medicine FY18 Renovation/Replacement Project	350,000	350,000	-	-	-	-	-
R.J. Stein Renovation/Replacement Projects	415,589	415,589	-	-	-	-	-
Rolling Meadows	\$25,075,000	\$75,000	-	-	-	-	\$25,000,000
District 3 Rolling Meadows - New Carpet / Tile	75,000	75,000	-	-	-	-	-
Rolling Meadows Courthouse - Capital Renewals	25,000,000	-	-	-	-	-	25,000,000
Sheriff Vehicle Services	\$100,000	\$100,000	-	-	-	-	-
885 Vehicle Service LaGrange Park Overhead Doors	50,000	50,000	-	-	-	-	-
LaGrange Park - CCSO Vehicle Service Gate	50,000	50,000	-	-	-	-	-
Skokie Courthouse	\$16,105,000	\$105,000	-	-	-	-	\$16,000,000
District 2 Skokie - New Carpet / Tile	75,000	75,000	-	-	-	-	-
Skokie - Replace Carpet - CCSO	30,000	30,000	-	-	-	-	-
Skokie Courthouse - Capital Renewals	16,000,000	-	-	-	-	-	16,000,000
Whitcomb Building	\$2,345,000	\$995,000	\$1,350,000	-	-	-	-
Whitcomb Building - Roof replacement	2,345,000	995,000	1,350,000	-	-	-	-

CAPITAL IMPROVEMENT PROJECTS

ANNUAL APPROPRIATION BILL VOLUME 1

CIP Project Type / Portfolio / Facility	Prioritized Spending 2019-2028	Annual Capital Investment 2019	Annual Capital Investment 2020	Annual Capital Investment 2021	Annual Capital Investment 2022	Annual Capital Investment 2023	Annual Capital Investment 2024-2028
CIP Total Spending	\$2,041,371,658	\$274,857,415	\$284,555,338	\$226,416,676	\$184,749,064	\$106,608,404	\$964,184,761
Energy/Department Initiatives	\$189,301,943	\$26,812,400	\$20,130,638	\$19,136,676	\$31,149,064	\$12,838,404	\$79,234,761
Corporate	\$16,898,143	\$4,575,400	\$4,080,638	\$2,333,176	\$2,335,764	\$1,338,404	\$2,234,761
County Building	\$1,095,000	\$495,000	\$600,000	-	-	-	-
807 County Building - Board of Review Renovation	100,000	100,000	-	-	-	-	-
812 County Building - Real Estate and Tax Services	20,000	20,000	-	-	-	-	-
814 County Building - Renovations of Recorder of Deeds Space	650,000	150,000	500,000	-	-	-	-
815 County Building - Renovation of Room 436 for Secretary to the Board	30,000	30,000	-	-	-	-	-
819 County Building - Renovations of ERP Space	175,000	175,000	-	-	-	-	-
County Building - Electronic Touch Screen Directory & Information Board	120,000	20,000	100,000	-	-	-	-
Countywide Corporate	\$3,853,143	\$630,400	\$480,638	\$333,176	\$335,764	\$338,404	\$1,734,761
831 Countywide Historic Preservation & Public Art Planning	160,000	60,000	100,000	-	-	-	-
Countywide - CF Retro-Commissioning Implementation	140,000	90,000	50,000	-	-	-	-
Countywide CF BAS/Smart Building Systems Assessment/Design	250,000	250,000	-	-	-	-	-
Green Buildings Program	3,303,143	230,400	330,638	333,176	335,764	338,404	1,734,761
George W. Dunne Administration Building	\$11,800,000	\$3,300,000	\$3,000,000	\$2,000,000	\$2,000,000	\$1,000,000	\$500,000
Dunne Building Renovation/Consolidation Projects	11,800,000	3,300,000	3,000,000	2,000,000	2,000,000	1,000,000	500,000
Rockwell Warehouse	\$150,000	\$150,000	-	-	-	-	-
Rockwell Garage - Solar Thermal Wall	150,000	150,000	-	-	-	-	-
Health and Hospitals	\$2,935,000	\$735,000	\$2,200,000	-	-	-	-
Countywide Hospitals	2,800,000	600,000	2,200,000	-	-	-	-
941 Healthcare Services Master Plan	2,800,000	600,000	2,200,000	-	-	-	-
Englewood Health Center	75,000	75,000	-	-	-	-	-
908 Englewood Health Center - Energy Efficiency Upgrades	75,000	75,000	-	-	-	-	-
Provident Hospital	25,000	25,000	-	-	-	-	-
Provident Hospital--RCX	25,000	25,000	-	-	-	-	-
Robbins Health	35,000	35,000	-	-	-	-	-
907 Robbins Health Center Energy Efficiency Upgrades	35,000	35,000	-	-	-	-	-
Public Safety	\$169,468,800	\$21,502,000	\$13,850,000	\$16,803,500	\$28,813,300	\$11,500,000	\$77,000,000
Bridgeview Courthouse	\$600,000	\$600,000	-	-	-	-	-
Bridgeview - Energy Efficiency Upgrades Assessment Implementation	600,000	600,000	-	-	-	-	-
Countywide Public Safety	\$135,981,800	\$7,415,000	\$4,350,000	\$10,603,500	\$25,713,300	\$11,400,000	\$76,500,000
876 BOIT Tap In Boxes	350,000	100,000	250,000	-	-	-	-
955 Department Initiatives PS Projects Non-Capitalizable Items	150,000	150,000	-	-	-	-	-
Countywide - Building Performance Monitors	50,000	50,000	-	-	-	-	-
Countywide - Solar Powered Exterior Lighting	150,000	150,000	-	-	-	-	-
Countywide - Touch Screen Installations	200,000	200,000	-	-	-	-	-
Countywide Maywood Master Plan	85,616,800	300,000	100,000	603,500	713,300	7,400,000	76,500,000
Countywide PS - Courthouse Point of Drinking Water Appliances	25,000	25,000	-	-	-	-	-
Countywide PS - Reconfigure Work Areas Throughout the Offices of the Board	500,000	500,000	-	-	-	-	-
Countywide PS - SAO Lactation Room Project	240,000	240,000	-	-	-	-	-
Court Utilization Study - Phase II	1,200,000	1,200,000	-	-	-	-	-
New Administration/Training Building & Parking	47,500,000	4,500,000	4,000,000	10,000,000	25,000,000	4,000,000	-
DOC Campus	\$12,365,000	\$2,965,000	\$6,500,000	\$2,200,000	\$100,000	\$100,000	\$500,000
877 South Campus Building 1 Window Replacement	1,000,000	500,000	500,000	-	-	-	-
892 DOC Campus - Energy Efficiency Upgrades	1,350,000	50,000	500,000	100,000	100,000	100,000	500,000
893 DOC Campus - Energy Efficiency Upgrades for Water Conservation	650,000	50,000	500,000	100,000	-	-	-
CCB - Cell Phone Locker Storage Renovation	15,000	15,000	-	-	-	-	-

CIP Project Type / Portfolio / Facility	Prioritized Spending 2019-2028	Annual Capital Investment 2019	Annual Capital Investment 2020	Annual Capital Investment 2021	Annual Capital Investment 2022	Annual Capital Investment 2023	Annual Capital Investment 2024-2028
CIP Total Spending	\$2,041,371,658	\$274,857,415	\$284,555,338	\$226,416,676	\$184,749,064	\$106,608,404	\$964,184,761
DOC - Cermak Hospital - Recreation Yard Improvements	100,000	100,000	-	-	-	-	-
DOC - Division 8 RTU and Cermak Hospital Pathway	250,000	250,000	-	-	-	-	-
DOC - Enclose Division 8 Recreation Yards - 2nd/3rd Floor - Phase II	500,000	500,000	-	-	-	-	-
DOC - Retrofit High Mast Lights to LED	400,000	400,000	-	-	-	-	-
DOC Powerhouse - Chillers	5,500,000	500,000	3,000,000	2,000,000	-	-	-
Office of the Chief Judge, Social Services Department	2,600,000	600,000	2,000,000	-	-	-	-
Domestic Violence Courthouse	\$160,000	\$160,000	-	-	-	-	-
Domestic Violence Courthouse - Energy Efficiency Upgrades Assessm	160,000	160,000	-	-	-	-	-
Jefferson Building	\$90,000	\$90,000	-	-	-	-	-
Maywood - Jefferson - Energy Efficiency Upgrades Assessment Imple	90,000	90,000	-	-	-	-	-
Juvenile Temporary Detention Center East	\$2,250,000	\$2,250,000	-	-	-	-	-
JTDC East Electronic Medical Records (Infrastructure only)	2,250,000	2,250,000	-	-	-	-	-
Juvenile Temporary Detention Center West	\$250,000	\$250,000	-	-	-	-	-
JTDC West - Lighting	250,000	250,000	-	-	-	-	-
Markham Courthouse	\$610,000	\$610,000	-	-	-	-	-
Markham - Energy Efficiency Upgrades Assessment Implementation	570,000	570,000	-	-	-	-	-
PD Markham Courthouse Improvements Lower Level	40,000	40,000	-	-	-	-	-
Maywood Campus	\$1,200,000	\$1,200,000	-	-	-	-	-
Maywood - Cooling Tower Refurbishment	1,200,000	1,200,000	-	-	-	-	-
Maywood Courthouse	\$1,050,000	\$1,050,000	-	-	-	-	-
Maywood Courthouse - Clerk of Circuit Courts renovation workstations,	650,000	650,000	-	-	-	-	-
Maywood Courthouse - Energy Efficient Upgrades Assessment Imple	400,000	400,000	-	-	-	-	-
Robert J. Stein Institute of Forensic Medicine	\$255,000	\$255,000	-	-	-	-	-
RJStein/IFM--Assessment Implementation	255,000	255,000	-	-	-	-	-
Rolling Meadows	\$200,000	\$200,000	-	-	-	-	-
Rolling Meadows - Energy Efficiency Upgrades Assessment Imple	200,000	200,000	-	-	-	-	-
Sheriff Training	\$7,000,000	\$500,000	\$500,000	\$3,000,000	\$3,000,000	-	-
878 New CCSO Training Facility	7,000,000	500,000	500,000	3,000,000	3,000,000	-	-
Skokie Courthouse	\$7,382,000	\$3,882,000	\$2,500,000	\$1,000,000	-	-	-
849 Skokie Envelope Project	7,000,000	3,500,000	2,500,000	1,000,000	-	-	-
Skokie - Energy Efficiency Upgrades Assessment Implementation	382,000	382,000	-	-	-	-	-
Whitcomb Building	\$75,000	\$75,000	-	-	-	-	-
Maywood - Whitcomb - Energy Efficiency Upgrades Assessment Imple	75,000	75,000	-	-	-	-	-
Life Safety/ADA/Security	\$159,023,333	\$48,598,333	\$59,475,000	\$29,650,000	\$9,000,000	\$4,250,000	\$8,050,000
Corporate	\$13,660,000	\$6,285,000	\$2,125,000	\$2,000,000	\$1,050,000	\$1,000,000	\$1,200,000
Countywide Corporate	\$11,250,000	\$4,075,000	\$2,075,000	\$2,000,000	\$1,000,000	\$1,000,000	\$1,100,000
828 Countywide CF - High-Rise and Low-Rise Exterior Inspections and	125,000	75,000	50,000	-	-	-	-
829 Countywide CF - Fire Escape Inspections and Renovations	75,000	50,000	25,000	-	-	-	-
Countywide CF ADA Improvements	10,800,000	3,700,000	2,000,000	2,000,000	1,000,000	1,000,000	1,100,000
Countywide CF Pedway ADA Upgrades	250,000	250,000	-	-	-	-	-
Daley Center	\$1,540,000	\$1,540,000	-	-	-	-	-
Daley Center - Court Services Div. Lock-up Security and Privacy Upgra	40,000	40,000	-	-	-	-	-
Security Enhancements	1,500,000	1,500,000	-	-	-	-	-
George W. Dunne Administration Building	\$820,000	\$620,000	\$50,000	-	\$50,000	-	\$100,000
69 W ADA Upgrades	250,000	50,000	50,000	-	50,000	-	100,000
Building Life Safety	50,000	50,000	-	-	-	-	-
Duress Security Alarm	300,000	300,000	-	-	-	-	-
Security Camera Upgrades	220,000	220,000	-	-	-	-	-

CAPITAL IMPROVEMENT PROJECTS

ANNUAL APPROPRIATION BILL VOLUME 1

CIP Project Type / Portfolio / Facility	Prioritized Spending 2019-2028	Annual Capital Investment 2019	Annual Capital Investment 2020	Annual Capital Investment 2021	Annual Capital Investment 2022	Annual Capital Investment 2023	Annual Capital Investment 2024-2028
CIP Total Spending	\$2,041,371,658	\$274,857,415	\$284,555,338	\$226,416,676	\$184,749,064	\$106,608,404	\$964,184,761
Rockwell Warehouse	\$50,000	\$50,000	-	-	-	-	-
816 Rockwell Warehouse - Add back-up Generator	50,000	50,000	-	-	-	-	-
Health and Hospitals	\$14,450,000	\$7,600,000	\$3,750,000	\$1,350,000	\$250,000	\$250,000	\$1,250,000
Countywide Hospitals	\$6,100,000	\$1,350,000	\$1,750,000	\$1,250,000	\$250,000	\$250,000	\$1,250,000
910 Countywide HH - High-Rise and Low-Rise Exterior Inspections and	2,600,000	100,000	1,500,000	1,000,000	-	-	-
911 Countywide HH ADA Improvements	2,500,000	250,000	250,000	250,000	250,000	250,000	1,250,000
Countywide Emergency Uninterrupted Power Supply and Expansion Project	1,000,000	1,000,000	-	-	-	-	-
John H. Stroger Jr. Hospital	\$2,950,000	\$2,450,000	\$500,000	-	-	-	-
JHS Exterior Signage / Wayfinding	600,000	600,000	-	-	-	-	-
JHS Interior Signage / Life Safety	350,000	350,000	-	-	-	-	-
JHS Overhead Paging System & Nurse Call System Replacement (JOC)	2,000,000	1,500,000	500,000	-	-	-	-
Oak Forest Health Center	\$5,100,000	\$3,500,000	\$1,500,000	\$100,000	-	-	-
806 OFH - DHSEM Stand-Alone Facility Upgrades	5,100,000	3,500,000	1,500,000	100,000	-	-	-
Provident Hospital	\$300,000	\$300,000	-	-	-	-	-
Provident Parking Structure--Lighting Upgrade	300,000	300,000	-	-	-	-	-
Public Safety	\$130,913,333	\$34,713,333	\$53,600,000	\$26,300,000	\$7,700,000	\$3,000,000	\$5,600,000
Circuit Court	\$19,898,333	\$5,198,333	\$9,800,000	\$4,900,000	-	-	-
871 Branch Courthouse 43/44 Flournoy Renovations	5,927,000	1,427,000	3,000,000	1,500,000	-	-	-
872 Branch Courthouse 35/38 111th Location Renovations	5,971,333	1,771,333	2,800,000	1,400,000	-	-	-
875 Branch Courthouse 23/50 Grand Location Renovations	8,000,000	2,000,000	4,000,000	2,000,000	-	-	-
Countywide Public Safety	\$58,155,000	\$11,555,000	\$22,050,000	\$8,750,000	\$7,200,000	\$3,000,000	\$5,600,000
835 Countywide PS ADA Improvements	11,100,000	1,100,000	1,200,000	1,000,000	1,200,000	1,000,000	5,600,000
842 Div. IX, X, XI Cell Doors, Locks, Frames and Master Control Systems	22,000,000	2,000,000	6,000,000	6,000,000	6,000,000	2,000,000	-
862 Countywide PS - Fire Alarm Projects	2,100,000	350,000	1,000,000	750,000	-	-	-
884 Courthouse Gallery Seating Replacement Phase III	205,000	205,000	-	-	-	-	-
894 Countywide PS - High-Rise and Low-Rise Exterior Inspections and	2,600,000	100,000	1,500,000	1,000,000	-	-	-
895 Countywide PS - Fire Escape Inspections and Renovations	2,100,000	100,000	2,000,000	-	-	-	-
904 Countywide PS Courthouse - Hardening/Physical Security Upgrades	500,000	500,000	-	-	-	-	-
Countywide - All Courts - Security Assessment and Upgrades	1,000,000	1,000,000	-	-	-	-	-
Countywide Courthouse Security Enhancements - CCB Lobby Security	500,000	500,000	-	-	-	-	-
Countywide DOC Camera Project Phase II	10,300,000	1,200,000	9,100,000	-	-	-	-
Countywide Fire & Life Safety Systems Upgrades Package #10	4,000,000	3,000,000	1,000,000	-	-	-	-
Countywide PS - Courthouse ADA Comprehensive Assessment	750,000	750,000	-	-	-	-	-
Countywide PS - Fire and Life Safety Upgrades	500,000	250,000	250,000	-	-	-	-
Countywide - Courtroom Duress Buttons	500,000	500,000	-	-	-	-	-
DOC Campus	\$33,320,000	\$8,220,000	\$14,600,000	\$10,500,000	-	-	-
839 DOC South Campus Bldg 1 - Backup A/C Cooling System for Servers	200,000	200,000	-	-	-	-	-
840 DOC South Campus Bldg 1 - Fire Suppression System for Servers	140,000	140,000	-	-	-	-	-
841 Division V - Lobby Renovation	1,700,000	200,000	1,500,000	-	-	-	-
845 Post 8 New Construction	4,000,000	500,000	2,500,000	1,000,000	-	-	-
856 Renovate Court Reporter Reception Space at CCAB to Address Security	100,000	100,000	-	-	-	-	-
859 CCB - Enhance Security around Judicial Parking Lot with Improved	240,000	240,000	-	-	-	-	-
CC Enhanced Security Access Leighton Criminal Court Building	450,000	150,000	300,000	-	-	-	-
CCB Main Holding Area ADA Improvements & Lock-Up Renovation	10,500,000	3,500,000	3,500,000	3,500,000	-	-	-
Division VIII ADA Capacity Expansion (JOC)	3,600,000	600,000	2,000,000	1,000,000	-	-	-
DOC - ADA Assessment and Improvements - Div. 2, 4, 6, 9 & 10	750,000	750,000	-	-	-	-	-
DOC - Camera Upgrades - Phase 3 Design	9,900,000	900,000	4,000,000	5,000,000	-	-	-
DOC - Division 10 Holding Cells	250,000	250,000	-	-	-	-	-

CIP Project Type / Portfolio / Facility	Prioritized Spending 2019-2028	Annual Capital Investment 2019	Annual Capital Investment 2020	Annual Capital Investment 2021	Annual Capital Investment 2022	Annual Capital Investment 2023	Annual Capital Investment 2024-2028
CIP Total Spending	\$2,041,371,658	\$274,857,415	\$284,555,338	\$226,416,676	\$184,749,064	\$106,608,404	\$964,184,761
DOC - RTU (Division 8) ADA CPAP Electrical Outlets	50,000	50,000	-	-	-	-	-
DOC - RTU (Division 8) Shower Secure Enclosures	600,000	300,000	300,000	-	-	-	-
DOC - South Campus Upgrade Locks with ID Access	50,000	50,000	-	-	-	-	-
Enhanced Security Access Leighton Criminal Court Bldg.	750,000	250,000	500,000	-	-	-	-
DOC Cermak Health Services	\$3,300,000	\$800,000	\$1,000,000	\$1,000,000	\$500,000	-	-
869 Cermak - Renovation, ADA Improvements, Fixture Installation and	3,300,000	800,000	1,000,000	1,000,000	500,000	-	-
Juvenile Temporary Detention Center East	\$14,650,000	\$7,650,000	\$6,000,000	\$1,000,000	-	-	-
848 DFM-JTDC Renovation of Bathroom Shower Stalls	3,600,000	600,000	2,000,000	1,000,000	-	-	-
886 JTDC - Fire Grade Doors in North and South Gyms	50,000	50,000	-	-	-	-	-
JTDC East Elevator modernization	11,000,000	7,000,000	4,000,000	-	-	-	-
Maywood Courthouse	\$350,000	\$50,000	\$150,000	\$150,000	-	-	-
Maywood - ADA Improvements at Maywood Courthouse Lockup	350,000	50,000	150,000	150,000	-	-	-
Robert J. Stein Institute of Forensic Medicine	\$1,200,000	\$1,200,000	-	-	-	-	-
940 RJS/IFM Biosafety Level 3 Autopsy Suite	1,200,000	1,200,000	-	-	-	-	-
Skokie Courthouse	\$40,000	\$40,000	-	-	-	-	-
868 PD Space Request in Skokie	40,000	40,000	-	-	-	-	-
Redevelopment/Demolition	\$1,137,578,810	\$113,798,810	\$146,780,000	\$128,400,000	\$58,250,000	\$23,350,000	\$667,000,000
Corporate	\$35,215,000	\$24,235,000	\$5,880,000	\$2,600,000	\$2,500,000	-	-
County Building	\$13,150,000	\$4,370,000	\$3,780,000	\$2,500,000	\$2,500,000	-	-
802 County Building - 10th Floor Renovation & Department Consolidati	3,250,000	1,750,000	1,500,000	-	-	-	-
803 County Building - 7th Floor Renovation & Department Consolidatio	300,000	300,000	-	-	-	-	-
804 County Building - 8th Floor Renovation & Department Consolidatio	3,250,000	1,750,000	1,500,000	-	-	-	-
827 County Building - Recorder of Deeds Consolidation	475,000	175,000	300,000	-	-	-	-
833 County Building - County Clerk Consolidation to provide space on	175,000	175,000	-	-	-	-	-
County Building 11th Floor Renovation and Department Consolidation	5,500,000	20,000	480,000	2,500,000	2,500,000	-	-
County Building 2nd Floor Renovation & Department Consolidation	200,000	200,000	-	-	-	-	-
Countywide Corporate	\$9,500,000	\$9,400,000	\$100,000	-	-	-	-
830 Countywide CF - Space Planning for Consolidations	300,000	200,000	100,000	-	-	-	-
County Public Art Initiatives	300,000	300,000	-	-	-	-	-
Countywide CF Redevelopment Projects	8,900,000	8,900,000	-	-	-	-	-
Daley Center	\$775,000	\$775,000	-	-	-	-	-
Daley Center - CCC Training Room Project	50,000	50,000	-	-	-	-	-
Daley Center - Digital Signage	50,000	50,000	-	-	-	-	-
Relocation of the Office of the Chief Judge	675,000	675,000	-	-	-	-	-
George W. Dunne Administration Building	\$11,690,000	\$9,590,000	\$2,000,000	\$100,000	-	-	-
69 W. Washington - Software Quality Assurance Validation Lab	50,000	50,000	-	-	-	-	-
69 W. Washington & Daley Center - CCC Conference Room Upgrade F	40,000	40,000	-	-	-	-	-
69 West Consolidations	2,000,000	2,000,000	-	-	-	-	-
808 Dunne Building - 30th Floor Renovation & Consolidation	3,400,000	2,800,000	600,000	-	-	-	-
809 Dunne Building - 27th Floor Renovation & Consolidation	2,400,000	1,600,000	800,000	-	-	-	-
Buildout of Quality Assurance Test Environment	50,000	50,000	0	-	-	-	-
Countywide PS Courthouse Kiosk Deployment Project.	200,000	200,000	-	-	-	-	-
Dunne Building 22nd Floor Conference Center Renovation	2,250,000	1,750,000	500,000	-	-	-	-
Dunne Building Renovation/Replacement Projects	300,000	100,000	100,000	100,000	-	-	-
Dunne Building Shower/Bike Room	250,000	250,000	-	-	-	-	-
Marriage Court	300,000	300,000	-	-	-	-	-

CAPITAL IMPROVEMENT PROJECTS

ANNUAL APPROPRIATION BILL VOLUME 1

CIP Project Type / Portfolio / Facility	Prioritized Spending 2019-2028	Annual Capital Investment 2019	Annual Capital Investment 2020	Annual Capital Investment 2021	Annual Capital Investment 2022	Annual Capital Investment 2023	Annual Capital Investment 2024-2028
CIP Total Spending	\$2,041,371,658	\$274,857,415	\$284,555,338	\$226,416,676	\$184,749,064	\$106,608,404	\$964,184,761
Pedway Redevelopment and Improved Wayfinding	150,000	150,000	-	-	-	-	-
Re-stack/Consolidation - Design	300,000	300,000	-	-	-	-	-
Rockwell Warehouse	\$100,000	\$100,000	-	-	-	-	-
Rockwell Warehouse - CCSO - Support Services Records Area Update	100,000	100,000	-	-	-	-	-
Health and Hospitals	\$322,722,920	\$65,372,920	\$126,850,000	\$96,500,000	\$21,750,000	\$12,250,000	-
CCHHS Administration	3,400,000	400,000	-	1,500,000	1,500,000	-	-
Polk Building Demolition	3,000,000	-	-	1,500,000	1,500,000	-	-
Polk Building Demolition Preparation (Environmental Assessment & Ab	400,000	400,000	-	-	-	-	-
Cicero Health Center	\$6,500,000	\$6,500,000	-	-	-	-	-
Cicero Health Center Renovation/Replacement Project	6,500,000	6,500,000	-	-	-	-	-
Countywide Hospitals	\$53,997,920	\$5,997,920	\$6,000,000	\$18,000,000	\$12,000,000	\$12,000,000	-
Clinic 4--25,000 sq.ft. Renovation	12,000,000	-	-	12,000,000	-	-	-
Clinic 5--25,000 sq.ft. Renovation	12,000,000	-	-	-	12,000,000	-	-
Clinic 6--25,000 sq.ft. Renovation	12,000,000	-	-	-	-	12,000,000	-
Countywide Clinics Renovation/Replacement Projects	17,997,920	5,997,920	6,000,000	6,000,000	-	-	-
Edward Piszczek TB Clinic	\$4,500,000	\$500,000	\$3,000,000	\$1,000,000	-	-	-
Forest Park--Facility Assessment	4,500,000	500,000	3,000,000	1,000,000	-	-	-
Harvey TB Clinic	\$350,000	\$350,000	-	-	-	-	-
Harvey Clinic Renovation	350,000	350,000	-	-	-	-	-
John H. Stroger Jr. Hospital	\$7,500,000	\$7,500,000	-	-	-	-	-
Central Campus Health Center (New)	7,500,000	7,500,000	-	-	-	-	-
Logan Square Health Center	\$12,575,000	\$3,775,000	\$8,300,000	-	\$250,000	\$250,000	-
Existing Logan Square -- Assessing and Repurposing	575,000	75,000	-	-	250,000	250,000	-
New Health Clinic Logan Square	12,000,000	3,700,000	8,300,000	-	-	-	-
Oak Forest Health Center	\$48,500,000	\$19,450,000	\$25,050,000	\$4,000,000	-	-	-
946 OFC - Major Site Demolition	12,500,000	2,500,000	6,000,000	4,000,000	-	-	-
989 OFC Renovation/Relocation Mail order pharmacy	500,000	500,000	-	-	-	-	-
Oak Forest Regional_Outpatient_Center	32,000,000	15,000,000	17,000,000	-	-	-	-
Oak Forest Watermain Connection	200,000	100,000	100,000	-	-	-	-
Oak Forest--Master Plan	1,800,000	1,300,000	500,000	-	-	-	-
OFC Data Center DR site (mirror site)	1,500,000	50,000	1,450,000	-	-	-	-
OFH Administration Building, Floors 1,2,3	\$7,500,000	\$800,000	\$6,700,000	-	-	-	-
926 OFH - Administration	500,000	500,000	-	-	-	-	-
942 IT Department/Relocation	7,000,000	300,000	6,700,000	-	-	-	-
Old Main Hospital	\$10,800,000	\$6,000,000	\$4,800,000	-	-	-	-
927 Old Cook County Hospital Environmental Remediation	1,200,000	1,200,000	-	-	-	-	-
CHDG Tenant Buildout	9,600,000	4,800,000	4,800,000	-	-	-	-
Provident Hospital	\$166,450,000	\$13,450,000	\$73,000,000	\$72,000,000	\$8,000,000	-	-
929 Provident Chronic Renal Dialysis Clinic	2,500,000	2,500,000	-	-	-	-	-
Behavioral Health Center Renovation/Replacement Project	3,000,000	2,000,000	1,000,000	-	-	-	-
John Sengstacke Clinic Demolition (JOC)	2,000,000	2,000,000	-	-	-	-	-
Provident New Clinical Diagnostic Center	158,950,000	6,950,000	72,000,000	72,000,000	8,000,000	-	-
Public Health Clinic	\$400,000	\$400,000	-	-	-	-	-
CCDPH--Hillside	400,000	400,000	-	-	-	-	-
Vista Health Center	\$250,000	\$250,000	-	-	-	-	-
(944) Vista Health Clinic-CCH	250,000	250,000	-	-	-	-	-

CIP Project Type / Portfolio / Facility	Prioritized Spending 2019-2028	Annual Capital Investment 2019	Annual Capital Investment 2020	Annual Capital Investment 2021	Annual Capital Investment 2022	Annual Capital Investment 2023	Annual Capital Investment 2024-2028
CIP Total Spending	\$2,041,371,658	\$274,857,415	\$284,555,338	\$226,416,676	\$184,749,064	\$106,608,404	\$964,184,761
Public Safety	\$779,640,890	\$24,190,890	\$14,050,000	\$29,300,000	\$34,000,000	\$11,100,000	\$667,000,000
Countywide Public Safety	\$2,210,000	\$1,610,000	\$300,000	\$300,000	-	-	-
Countywide PS - Washroom Upgrades	900,000	300,000	300,000	300,000	-	-	-
Countywide PS Carpeting	1,000,000	1,000,000	-	-	-	-	-
Countywide PS Office/Workstation Hoteling	60,000	60,000	-	-	-	-	-
State's Attorney's Evidence Control Room Renovation Project	250,000	250,000	-	-	-	-	-
DOC Campus	\$705,025,000	\$21,175,000	\$11,750,000	\$27,000,000	\$30,000,000	\$100,000	\$615,000,000
CCAB - Office of Chief Judge - Adult Probation - Phase III	4,750,000	2,500,000	250,000	2,000,000	-	-	-
CCAB - State's Attorney's Victim Witness Unit Relocation	400,000	400,000	-	-	-	-	-
CCB - Relocation and Reconfiguration of Bond Room	75,000	75,000	-	-	-	-	-
Division I & 1A Demolition	19,000,000	15,000,000	4,000,000	-	-	-	-
DOC - New Jail (Replacement)	680,800,000	3,200,000	7,500,000	25,000,000	30,000,000	100,000	615,000,000
Jefferson Building	\$71,460,000	\$460,000	\$2,000,000	\$2,000,000	\$4,000,000	\$11,000,000	\$52,000,000
846 Maywood ERPS HVAC Upgrades	2,300,000	300,000	2,000,000	-	-	-	-
Maywood - Firearms Range Target/Vent System	160,000	160,000	-	-	-	-	-
New Police Headquarters	69,000,000	-	-	2,000,000	4,000,000	11,000,000	52,000,000
Juvenile Temporary Detention Center East	\$60,000	\$60,000	-	-	-	-	-
870 JTDC - Staff Showers	60,000	60,000	-	-	-	-	-
Robert J. Stein Institute of Forensic Medicine	\$885,890	\$885,890	-	-	-	-	-
937 Forensic Medicine Toxicology & Autopsy Modernization	385,890	385,890	-	-	-	-	-
939 RJS/IFM Intake Garage Enclosure	500,000	500,000	-	-	-	-	-



TRANSPORTATION & HIGHWAYS OVERVIEW

With the adoption of its Long Range Transportation Plan, Connecting Cook County, in August 2016, the Cook County Department of Transportation and Highways (DOTH) has taken important steps to become an active contributor to economic and community development and leader in developing critical regional transportation improvements. The DOTH works toward these goals through strategic investments in the transportation system to make Cook County an attractive place to live and work. These transportation investments now cover all forms of transportation including: public transportation, pedestrian, bicycle, freight facilities, roads and bridges. The DOTH aggressively pursues grant funding to supplement its traditional motor fuel tax (MFT) program, leveraging these limited MFT funds to increase the overall impact of the County's investments.

The DOTH has jurisdiction over 561 center-line miles of roadway and maintenance responsibility for 1,620 lane-miles of pavement, 365 traffic signals, 7 pumping stations and 4 maintenance facilities. It also has jurisdiction over 98 bridges, and shares joint tenancy with other agencies for an additional 40 bridges. In order to maintain, modernize and prudently expand this network—as well as make strategic investments in the regional transportation system—this Capital Budget presents work to be implemented in FY2019 and planned for FY2020-2023. The FY2019 Capital Budget is a fiscally prudent program that ensures projected expenditures fall within the revenues anticipated.

The DOTH's Capital Budget is both a financial document and planning tool. The DOTH presents a balanced FY2019 spending plan, meeting the DOTH's requirement to develop an annual appropriation for review and approval by the Cook County Board of Commissioners. It also outlines a five-year investment plan for bringing current projects to a conclusion and advancing new projects.

While MFT revenue continues to represent the backbone of the DOTH's program, the DOTH also receives project-specific revenue from federal, state and local governments in the form of grants and reimbursements. The DOTH has been aggressive in competing for discretionary grant funding in recent years and plans to spend \$52.5 million in grant funds in FY2019 to augment its program. Grant funding has grown as a share of the DOTH's annual capital program, rising from less than 3.0% of FY2018 revenues to nearly 29.0% of FY2019 revenues.

BUDGET DEVELOPMENT

At the policy level, the DOTH's capital planning is guided by the Long Range Transportation Plan, Connecting Cook County. Approved by the Cook County Board of Commissioners on August 3, 2016, this policy document provides a strategic framework to ensure that transportation improvements yield both economic and quality of life outcomes. The Long Range Transportation Plan marks a significant change in the DOTH's longstanding mission, broadening its role from the maintenance of the County's highway system to taking a holistic view of the transportation network. It marks a willingness by the County to invest in transportation improvements not under County jurisdiction, including transit, bicycle, pedestrian and freight facilities.

The Long Range Transportation Plan identifies five policy priorities to guide future implementation of transportation projects:

- Prioritize transit and other transportation alternatives
- Support the region's role as North America's freight capital
- Promote equal access to opportunities
- Maintain and modernize what already exists
- Increase investments in transportation

At the program level, the DOTH's capital programming reflects the advancement of projects and services through the DOTH's Multi-Year Capital Improvement Program (MYP). The project development process is complex, with the potential for each of the planning, engineering, land acquisition, construction and maintenance phases to span multiple years. The MYP provides an outlook of how those various phases will progress over time, ensuring that adequate funds will be available to support future project phases. As a recipient of state MFT revenues, state law requires Cook County to publish the MYP each year.



Figure 1. Budget development process. The FY2019 Capital Budget Book request implements the goals of the Long Range Transportation Plan by advancing projects in the MYP.

The majority of projects in the FY2019 Capital Budget are a continuation of work underway in FY2018. Many projects advance from one phase to the next, while others continue work within a current phase. Some projects closed out in FY2018, providing resources to initiate new projects in FY2019. Phases are reprogrammed within the MYP to reflect the current status of the projects. Projects may be removed, deferred or replaced with other projects based on circumstances related to funding opportunities, traffic or safety considerations or coordination with other projects.

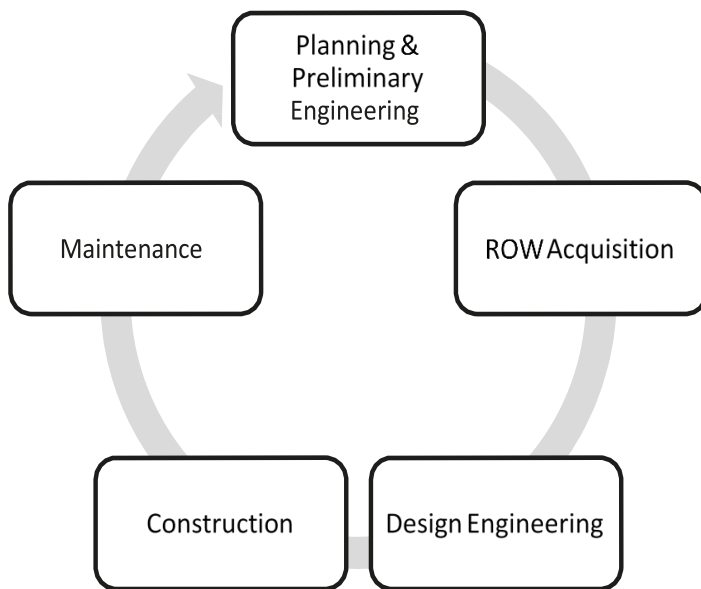


Figure 2. Project development cycle. Project development is a complex process that proceeds through multiple phases, each of which can span multiple years.

At the project level, the purpose and need for an improvement is identified by integrating stakeholder input with the results of asset inventories, traffic surveys, crash analyses, pavement condition analyses, intersection design studies, drainage analyses and other technical criteria. Once the need is defined, preliminary design studies are conducted, viable options considered and a preferred alternative selected in coordination with municipalities, local residents and businesses. Next, detailed design plans, specifications and estimated construction costs are prepared, any necessary right-of-way is secured, and the project is constructed.

RECENT ACCOMPLISHMENTS

The Cook County DOTH is an emerging leader in supporting regional transportation improvements. The DOTH has secured over \$70.0 million in grant funding for three major improvements – the grade separation of Touhy Avenue and the Union Pacific Railroad, new ramps from I-294 to Franklin Avenue and improvements to the interchange complex at County Line Road, North Avenue and Lake Street. These three projects account for \$62.7 million in FY2019 expenditures, representing about 34.0% of the DOTH's total capital expenditures. The DOTH has also become a member of the CREATE program of rail improvements, contributing \$77.7 million to the top priority in that program. It has managed two rounds of the Invest in Cook competitive grant program and has positioned some of these projects to receive millions of dollars in additional grant funds to ensure their completion. Finally, the DOTH is laying the foundation for future projects by preparing plans such as the Cook County Freight Plan and Lincoln Highway Logistics Corridor Strategic Plan—both of which identify priority projects to be advanced—and by undertaking feasibility studies essential for the redevelopment of the Rosemont Transit Center.

CREATE PROGRAM

The DOTH is the newest member of the Chicago Regional Environmental and Transportation Efficiency (CREATE) Program, a longstanding public-private partnership of railroads and public-sector agencies that advances a set of 70 rail improvements across northeastern Illinois. Since joining the partnership in 2015, the County's participation has proved transformative. The DOTH's commitment of \$77.7 million in matching funds was critical in winning a \$132.0 million federal grant in June 2018 for the 75th Street Corridor Improvement Project (CIP). The 75th Street CIP is the largest single remaining component of the CREATE Program, and will address chronic freight railroad, passenger railroad and motorist congestion on the southwest side of Chicago.



Figure 3. The 75th Street Corridor Improvement Project is the single largest project remaining in the CREATE program, and will address major rail bottlenecks. At this location, the north-south rail lines will be separated from the east-west rail lines, eliminating a major point of congestion.

In addition, the DOTH was instrumental in the grade separation of Columbus Avenue from the Belt Railway of Chicago (CREATE Project GS11) receiving \$49.0 million in Illinois Competitive Freight Program funds in June 2018.

INVEST IN COOK PROGRAM

The FY2018 round of the Invest in Cook competitive grant program provided \$6.8 million in awards to support 34 projects, leveraging \$26.8 million in federal, state and local funds. The FY2018 program includes nine roadway projects, 13 bicycle and pedestrian projects, 6 transit projects and 6 freight projects. Half of the funding is directed to projects in low- and moderate-income communities. By helping fund preliminary engineering, Invest in Cook positions transportation projects for future funding opportunities and filling a significant gap for many local communities.

Figure 4. The DOTH's investment in local truck routes has supported the growth of local businesses. For example, Sterling Lumber in the Village of Phoenix has grown from 112 jobs to 240 jobs since the DOTH led the reconstruction of 151st Street. In addition, LB Steel in the City of Harvey has grown from 166 to 208 jobs and achieved a 65.0% increase in sales since the DOTH led the reconstruction of 156th Street. That road is built to accommodate the heavy and oversized loads routinely shipped from the LB Steel facility.



FEDERAL, STATE AND LOCAL GRANT AWARDS

The County's investment of \$800,000 in three Invest in Cook projects in FY2017 positioned those projects to secure follow-on federal, state, and local commitments of over \$40.0 million, leading to full funding for two projects and partial funding for the third. The County worked closely with local agencies to secure these funds, and is the direct recipient of grants for the Butler Drive and Division Street projects.

- The reconstruction of Butler Drive in the Illinois International Port District received \$2.0 million in IDOT Economic Development Program funds, \$10.9 million in Illinois Competitive Freight Program funds and \$1.0 million in City of Chicago TIF funds. A related project, the replacement of a Port-owned rail line along Butler Drive, also received a \$2.0 million City of Chicago TIF award.
- The reconstruction of Franklin Avenue in the Village of Franklin Park received \$23.0 million in Illinois Competitive Freight Program funds, along with commitments for \$2.0 million in other County funds.
- The reconstruction of Division Street in the City of Blue Island received \$2.0 million in IDOT Economic Development Program funds.



Figure 5. While just 1.16 miles in length, the Butler Drive corridor services 13 companies, which employ 150 full-time employees and 22 part-time employees. Collectively, businesses served by Butler Drive generate freight volumes equating to 830 trucks, 75 rail cars and four barges on a weekly basis. This level of traffic, combined with deferred maintenance, has resulted in poor pavement quality and Butler Drive is unpaved along the western portion of the corridor.

In October 2017, the DOTH received funding for two projects through the regional Congestion

Mitigation and Air Quality Improvement (CMAQ) Program and Transportation Alternatives Program (TAP).

- The Skokie Valley Trail Extension, a partnership with Lake County Division of Transportation and the Village of Northbrook, received \$2.7 million in TAP funding to complete a critical gap in the regional Skokie Valley Trail system. When completed, cyclists and pedestrians will have more than 20 miles of continuous off-street trails available to them, stretching from the Sauganash Trail in Chicago to the North Shore Bike Trail in Lake Bluff.
- The I-294 ramps to and from Franklin Avenue/Green Street project received \$19.0 million CMAQ funds. This project would construct new ramps to and from I-294 as part of the completion of the Illinois Tollway's Elgin O'Hare Western Access Project. These new ramps will reduce out-of-direction travel for thousands of trucks and workers traveling to and from the industrial district in Franklin Park and Bensenville while reducing local congestion and pavement impacts. Over 160 freight-related firms employing over 5,700 workers are located within one-quarter mile of the Franklin Avenue project. Greater O'Hare has the largest concentration of employment in freight and manufacturing industries in the Chicago metropolitan area.

Figure 6. The Skokie Valley Trail Bridge over Lake Cook Road will help close a gap in the regional trail network and is being pursued in coordination with Lake County and the Village of Northbrook.



In June 2018, the DOTH received funding for two projects through IDOT's Highway Safety Improvement Program. The scope of work for both projects includes traffic signal modernization, increasing left turn offsets, lighting and bicycle and pedestrian improvements.

- \$824,040 for improvements at 143rd Street and Ridgeland Avenue in Unincorporated Bremen Township.
- \$640,440 for improvements at Nerge Road and Plum Grove Road in the Village of Schaumburg.

The award of grant funds for these seven projects will allow them to move from design through to construction. Although grants were awarded in late FY2017 or FY2018, construction will not occur for several years until the engineering and right-of-way phases are complete.

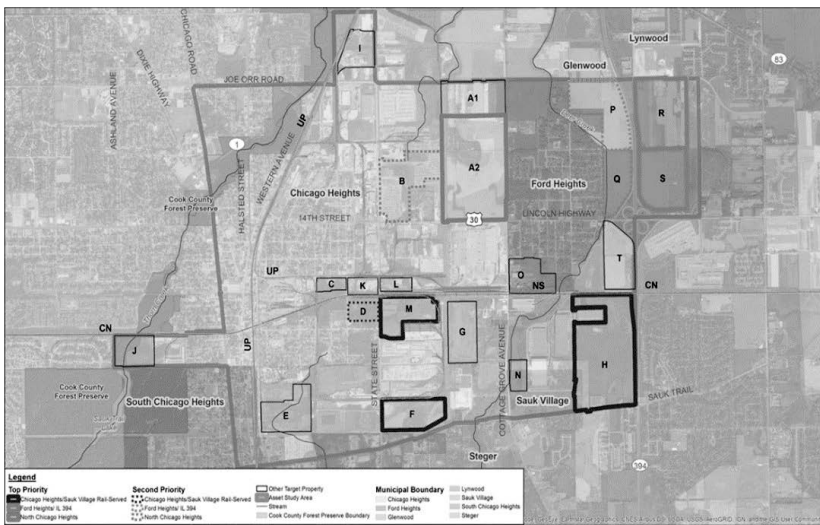
COOK COUNTY FREIGHT PLAN

In FY2018, the DOTH completed the Cook County Freight Plan, the first modal plan stemming from Connecting Cook County. The Cook County Freight Plan takes an in-depth look at the current performance of the freight system with a particular focus on roads and railroads, which together carry 95.0% of freight by value. Cook County is the freight capital of North America. The high concentration of freight transportation facilities and freight volumes here translates to significant economic benefits. A total of 27.0% of all jobs in the County are in freight-dependent industries, which collectively represent 56.0% of the County's total economic output. The Cook County Freight Plan provides a framework for reinvesting in the County's freight assets to ensure that our communities benefit from the anticipated fast growth of the freight sector, while at the same time improving quality of life.

Figure 7. The Cook County Freight Plan identifies priority trucking corridors, highway-rail crossing locations other capital investment and public policy needs to improve the movement of goods across all modes.



LINCOLN HIGHWAY LOGISTICS CORRIDOR STRATEGIC PLAN



In FY2018, the DOTH also completed the Lincoln Highway Logistics Corridor Strategic Plan. The Plan identifies rail- and highway-served industrial redevelopment opportunities in the south Cook County communities of Chicago Heights, Ford Heights and Sauk Village. The Plan systematically evaluates 21 vacant or underutilized sites across multiple environmental, infrastructure and other development criteria. It identified six sites as the strongest candidates for redevelopment, and provides an action plan for County, municipal, regional and state agencies to prepare these sites for development.

Figure 8. The Lincoln Highway Logistics Corridor Strategic Plan identified top candidates for rail- or highway-served industrial redevelopment in the communities of Chicago Heights, Ford Heights, and Sauk Village, and lays out an action plan for bringing the sites to market.

ROSEMONT TRANSIT CENTER

In FY2018, Cook County applied to the U.S. DOT's Better Utilizing Investments to Leverage Development (BUILD) program for \$24.8 million in funding to support the redevelopment of the Rosemont Transit Center, which is located on County-owned land at the CTA Blue Line Station in the Village of Rosemont. The planned improvements include a new bus transfer facility that will increase capacity for Pace buses and create a better connection to the CTA. The cost of the transportation center will be partially covered through joint development of a mixed-use, privately developed office and retail complex. A traffic study of River Road, which fronts the site of the transit center and geotechnical work were both completed in FY2018 as part of the due diligence required before advertising for the site's eventual development.

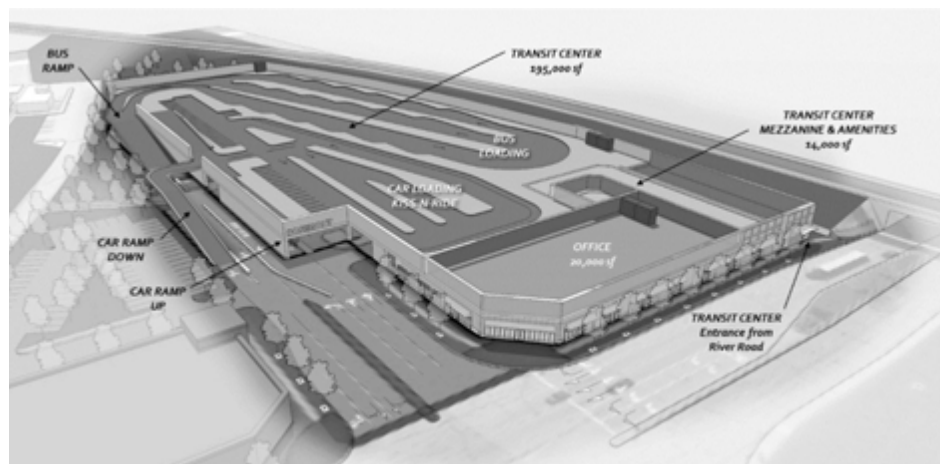


Figure 9. The Rosemont Transit Center will enhance the existing multimodal transit center, using a joint development opportunity to help cover the capital costs.

CONSTRUCTION HIGHLIGHTS

The DOTH completed over \$23.0 million in construction projects during the FY2018 season, including pavement preservation and rehabilitation activities at 13 locations, bridge repairs at Quentin Road over Salt Creek and East Lake Avenue over the North Branch of the Chicago River, major intersection improvements at Roselle Road and Schaumburg Road, and major improvements to Central Road. Two of these projects are described in more detail below:

The Central Road project includes full reconstruction of the facility from Ela Road to Roselle Road and also provides a new, all electronic on-ramp from Central Road to westbound I-90/Jane Addams Memorial Tollway. This improvement completes the full interchange at the I-90/Roselle Road complex. The reconstruction of Central Road includes a new land bridge, storm sewers and culverts, open channel to accommodate Salt Creek, multi-use path, ADA compliant ramps and sidewalks, traffic signals and street lighting. This project is led by the DOTH in cooperation with the Illinois Tollway, Village of Schaumburg and Forest Preserve District of Cook County. The cost participation is 50.0% Cook County, 40.0% Illinois Tollway and 10.0% Village of Schaumburg.

The Roselle Road at Schaumburg Road project provides intersection improvements including the construction of a new dedicated southbound right turn lane. It also includes new curb and gutters, traffic signal system and re-optimization, emergency vehicle priority system, street lighting, pedestrian signals and push buttons as well as ADA compliant ramps and sidewalks with decorative pavers. This project is led by the DOTH in cooperation with the Village of Schaumburg. The majority of costs are paid by the DOTH, with the Village paying for specific items.



Figure 10. The improvements to the Central Road corridor include a new on-ramp to westbound I-90/Jane Addams Memorial Tollway which completes the full interchange at the I-90/Roselle Road complex.



Figure 11. The intersection improvements at Roselle Road and Schaumburg Road provide new turn lanes to reduce congestion at this busy intersection, along with new sidewalks, curbs and gutters.

PLANNING INITIATIVES

Major planning studies secured grant funding in spring and summer FY2018, allowing the DOTH to move forward on critical transit and trucking studies. A total of \$800,000 has been secured for the Cook County Transit Plan and \$280,000 has been secured for the Southwest Cook County Trucking Study.

COOK COUNTY TRANSIT PLAN

The Long Range Transportation Plan identifies mass transit as a top priority for Cook County. Following the lead of the Cook County Freight Plan, the DOTH will prepare a countywide mass transit plan to better define its role in the transit arena, as well as the types of policies and improvements where the County can add the most value. The DOTH is initially focusing on transit needs in south Cook County, where the loss of jobs and population over the course of decades has significantly reduced transit ridership. The challenges are significant—the ability to reach jobs and other opportunities by transit is limited, services offered by different transit agencies are not coordinated and fare policies can make some services unaffordable—but the potential for increased utilization of existing facilities is great. The DOTH will incorporate the findings from south Cook County into the larger countywide transit plan.

SOUTHWEST COOK COUNTY TRUCKING STUDY

Further building on the Cook County Freight Plan, the DOTH will initiate a small area plan focusing on truck mobility and investment needs in southwest Cook County, one of the major industrial and logistics clusters in northeastern Illinois. The project scope includes the identification of existing locally designated truck routes and truck restrictions, existing conditions analyses and policy and capital investment recommendations. In addition, the study will identify significant vacant or underutilized industrial sites within the study area, as well as the main challenges that prevent redevelopment of these sites.

FY2019 - FY2023 PRIORITIES

In alignment with the County's policies as outlined in Connecting Cook County, projects are categorized into three primary work types: preservation, modernization, and expansion. This approach assists the DOTH in assessing the resource allocation required to preserve its assets and support a diverse portfolio of projects that generate both economic growth and improved quality of life. While expansion represents 58.2% of expenditures in FY2019, such a high share is somewhat uncommon and reflects the progress of several major grant-funded projects into the construction phase. Over the five-year FY2019-2023 period, 65.0% of expenditures are attributed to preservation or modernization projects.

Totals by Project Type	FY2019	FY2020	FY2021	FY2022	FY2023	Total
Preservation	38,209,526	34,625,000	18,064,340	11,050,000	12,074,463	114,023,329
Modernization	38,048,025	57,207,853	56,392,281	130,333,863	75,151,650	357,133,672
Expansion	106,350,646	64,854,083	72,582,441	9,731,990	20,000	253,539,160
Total - All Projects	\$182,608,197	\$156,686,936	\$147,039,062	\$151,115,853	\$87,246,113	\$724,696,161

PRESERVATION

In FY2019, \$38.2 million is budgeted for preservation projects, and a total of \$114.0 million, or 15.7%, is programmed over the FY2019-2023 period. This includes projects, services, and maintenance aimed at extending the service life of County roadways, bridges, traffic signals and other transportation assets to minimize their life cycle cost.

COUNTYWIDE MAINTENANCE PROGRAM

The DOTH maintains County-jurisdiction transportation facilities through a combination of internal operations and external maintenance contracts. The Countywide Maintenance Program has \$36.0 million budgeted from FY2019-2023. The DOTH is responsible for maintaining 1,620 lane-miles of roadways with tasks that include:



- Maintaining a safe riding surface
- Traffic control devices and signals
- Signs
- Pavement markings
- Snow and ice control
- Repairing storm sewers
- Mowing
- Tree trimming
- Assisting local agencies in emergency responses

Figure 12. Tree trimming operations on County facilities.

PAVEMENT PRESERVATION AND REHABILITATION PROGRAM

The Pavement Preservation and Rehabilitation Program (PPRP) is the DOTH's main asset preservation program. Maintenance activities, such as pavement rehabilitation, performed at the right times can extend the life of a facility, reducing its overall costs. Each year, the DOTH issues two PPRP contracts, one for the northern half of the County and the other for the southern half. Each contract is made up of several project locations, improving efficiency in both design and construction, streamlining the procurement process and taking advantage of economies of scale to lower construction costs. Locations included in these contracts are based on data-driven evaluations of roadway condition.

The FY2019-2023 program includes nearly \$13.7 million towards the PPRP including \$1.9 million in funds to complete projects from previous rounds of the PPRP. A total of \$3.8 million is programmed for a new PPRP South 2019 program and \$4.0 million is programmed each for PPRP North and South programs to cover the period FY2020-2023. PPRP South 2019 Program includes four projects: Sauk Trail from Governors Highway to Lakewood Boulevard, Kedzie Avenue from 159th Street to 147th Street, Stony Island Avenue from Joe Orr Road to Glenwood Lansing Road, and Harlem Avenue from Steger Road to Sauk Trail. Note that the PPRP North 2019 program has been consolidated into a larger FY2019 construction project, West Lake Avenue from Wolf Road to Landwehr Road, in northern Cook County that includes pavement rehabilitation and bridge joint repair.

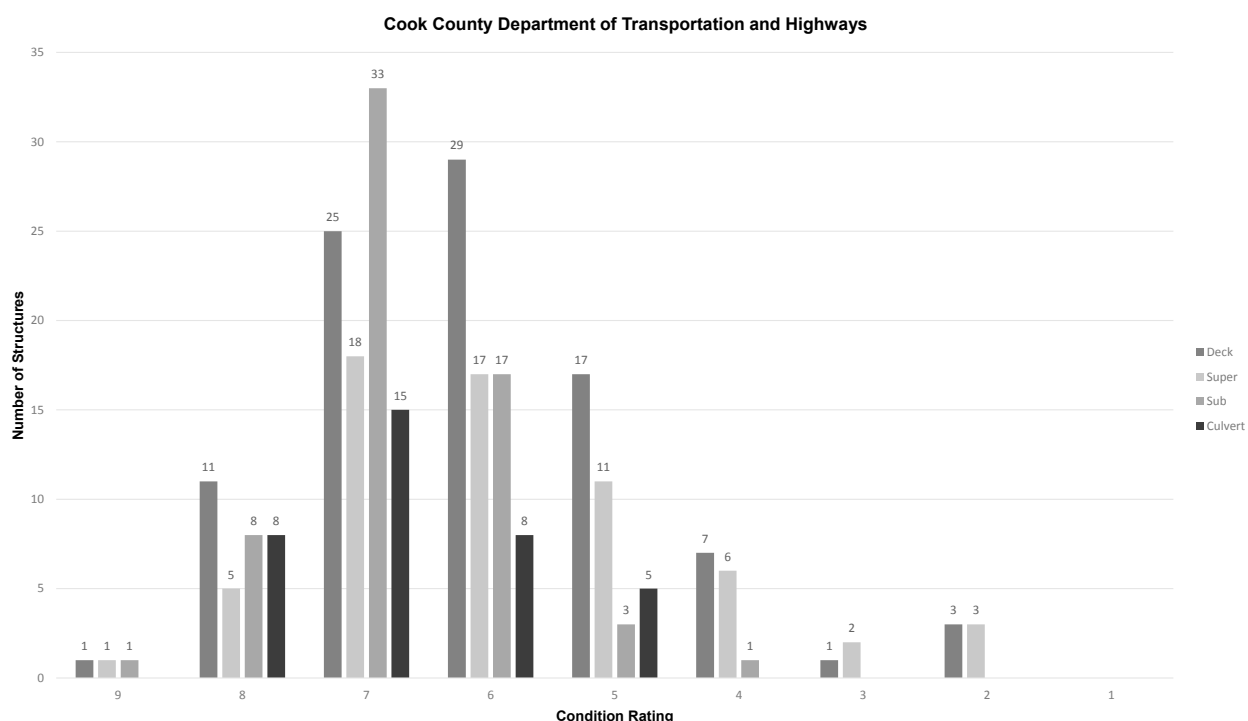
BRIDGE REHABILITATION PROGRAM

Projects and services in this category extend the service life of bridges through repairs and inspections. Typical bridge repairs include joint or bearing replacement, partial and full deck patching, substructure repairs and bridge painting. In-house crews perform preventive maintenance, such as power washing and bridge scupper cleaning. The Bridge Rehabilitation Program includes \$750,000 annually.

Three projects to replace failing expansion joints are programmed to be let in late FY2018 or early FY2019: Bartlett Road over Poplar Creek, Lake Cook Road over Middle Fork and West Lake Avenue over Des Plaines River. Of these, two projects are bundled into larger PPRP projects to reduce construction delays for motorists. Of the 19 bridges identified in FY2012 in need of joint replacement, 12 have been repaired to date.

The Bridge Rehabilitation Program also includes a \$3.0 million contract to repair and strengthen all main load carrying members on four Calumet Sag Channel bridges in FY2018: 104th Avenue, Ridgeland Avenue, Pulaski Road and Francisco Avenue. Collectively, these bridges carry over 60,000 vehicles each day, serving major industrial areas in the municipalities of Alsip and Blue Island; providing connections to neighborhoods in Palos Heights, Robbins, and Worth; and improving access to major Cook County Forest Preserve facilities. In addition, a new initiative of the Bridge Rehabilitation Program is to complete steel painting for a group of approximately ten bridges over the next five years.

The DOTH inspects its structure inventory on a routine basis, in accordance with National Bridge Inspection Standards (NBIS). Through a regular inspection and repair program, the DOTH currently maintains acceptable NBIS condition ratings seen in Chart 1. NBIS condition ratings range from 0 (failed condition) to 9 (excellent condition). About three-quarters of the DOTH's structures rate 6 or higher.



Cook County Bridge and Culvert Ratings

The DOTH successfully maintains its bridges near the state and national averages within a constrained budget. Future bridge work, notably the planned Calumet Sag Channel bridge repairs, will continue to maintain or improve upon the County's condition ratings compared to statewide and national benchmarks.

MODERNIZATION

In FY2019, a total of \$38.0 million is budgeted for modernization projects and a total of \$357.1 million, or 49.3%, is programmed over the five-year FY2019-2023 period. Projects in this category involve the replacement of assets such as pavement, traffic signals, structures, drainage systems, medians, sidewalks and multi-use paths. Improvements to these assets includes design elements to accommodate future enhancement opportunities while providing safety and capacity improvements to the system. Major reconstruction projects planned for FY2019-2023 include the following improvements:

- 108th Avenue – 167th Street to 159th Street
- 131st Street – Pulaski Road to Kedzie Avenue
- 134th Street – Halsted Street to Marsden Drive
- Busse Road – Golf Road to Central Road
- Central Avenue – Over Chicago Sanitary and Ship Canal
- Kedzie Avenue – Flossmoor Road to 159th Street
- Old Orchard Road – Woods Drive to Skokie Boulevard
- Quentin Road – Dundee Road to Lake Cook Road
- Sanders Road – Milwaukee Avenue to Willow Road
- Shoe Factory Road – Essex Drive to east of Beverly Road

The project on 134th Street, for example, would reconstruct 0.3 miles of roadway, which immediately fronts industrial businesses such as Riverdale Plating and Heat Treating, Inc. and Universal Scrap Metals, which recently redeveloped a vacant 9-acre site. It also provides access to the 163-acre ArcelorMittal steel facility, which alone employs nearly 300 workers. These firms collectively run up to 200 heavy trucks per day on 134th Street, which is currently not designed to handle these volumes. The corridor is also served by Pace's only 24-hour route in south Cook County and also provides an opportunity to connect two major regional trails, the Cal-Sag Trail and the Major Taylor Trail.

The modernization category also includes funds to pay for the various contracts the County utilizes for engineering consulting services such as Phase I, Phase II, Land Surveying, Drainage Engineering and Geotechnical Engineering. These contract services are necessary to build a pipeline of future projects, including projects that are expected to enter construction phases in the later years of the current FY2019-2023 program. This category also includes Invest in Cook expenditures, which support more than 60 projects across all modes that improve the overall transportation system in Cook County.

BRIDGE REPLACEMENT PROJECTS

The DOTH's main initiative in this area is to replace its inventory of deck beam bridges over time due to their higher susceptibility to failure. Within the next five to ten years, it aims to replace 11 deck beam bridges, and is initiating work on six of these structures in the next year. The DOTH has already issued a scope of services for a Preliminary Engineering study for the replacement of the Pulaski Avenue bridge over the Calumet Sag Channel (the rehabilitation of this bridge in FY2019 extends the life of the facility until the DOTH can replace the bridge in the future). The DOTH will soon issue the Preliminary Engineering scope of services to replace an additional five bridges: 143rd Street over Tinley Creek, 170th Street over Thorn Creek, East Lake Avenue over the Middle Fork of the North Branch of the Chicago River, Lehigh Avenue over East Lake Avenue and Meacham Avenue over Salt Creek. Work for these projects will begin in FY2019.

EXPANSION

In FY2019, \$106.4 million is budgeted for expansion projects, and a total of \$253.5 million, or 35.0%, is programmed over the FY2019-2023 period. Projects in this category typically involve improvements to existing facilities, such as new multi-use paths, new lanes or intersection improvements to address traffic bottlenecks or safety concerns. Less frequently, these projects involve the creation of new roadways to promote regional economic benefits. These improvements typically extend across a larger corridor, require multi-agency coordination, and leverage federal, state, and local partnerships for funding and execution.

Expansion projects, while a small proportion of total projects, make up an outsized share of FY2019-2023 projected expenditures due to their size and complexity. Construction is anticipated to begin in FY2019 on the following major projects. Taking direction from Connecting Cook County, two of these projects, Touhy Avenue and the County Line Road corridor, involve substantial improvements to facilities not under the County's jurisdiction but with broad regional impact.

TOUHY AVENUE – ELMHURST ROAD TO MT. PROSPECT AVENUE

Located adjacent to O'Hare International Airport, this \$71.0 million project involves improvements to 1.5 miles of IL 72/ Touhy Avenue between Elmhurst Road and Mt. Prospect Road. The project includes the grade separation of Touhy Avenue over the Union Pacific Railroad—a busy corridor with an average of 47 trains each day and immediately adjacent to the Chicago Terminal Railroad's operations within the large Elk Grove Village industrial park. It also includes intersection improvements at Touhy Avenue and Elmhurst Road as well as pavement reconstruction.

Touhy Avenue is an important link in the regional transportation network. It serves as a major corridor for trucks, providing access to the largest industrial district in the



Figure 13. Map of Touhy Avenue improvements. This project reduces congestion and improves reliability through a new grade separation at the Union Pacific Railroad and intersection improvements at Elmhurst Road.

Chicago metropolitan area, located north and west of O'Hare Airport. The project also improves access to the airport itself, including the new northeast air cargo facility, remote parking and rental car facilities. O'Hare is the third largest passenger airport and fourth largest cargo airport in the nation. This project provides a substantial reduction in highway congestion throughout the corridor benefitting all modes of transportation.

The Touhy Avenue project is coordinated with the Illinois Tollway's Elgin O'Hare Western Access (EOWA) project, which will provide a new expressway connection between I-90/Jane Addams Memorial Tollway and I-294/Tri-State Tollway west of O'Hare Airport.



Figure 14. Map of County Line Road improvements. This project provides new access at the complex interchange of I-294, US 20/Lake Street, and IL 64/North Avenue.

COUNTY LINE ROAD - I-294 TO NORTH AVENUE

This \$31.0 million project involves multiple components to eliminate traffic bottlenecks and improve access to the regional expressway network in west Cook County. It will reconfigure the IL 64/North Avenue and US 20/Lake Street intersections with County Line Road and add new connections between County Line Road and North Avenue.

This project is coordinated with a second, future improvement, which will provide a new southbound exit ramp from I-294 to County Line Road north of North Avenue. Together, these two projects will address a regional traffic bottleneck caused by inadequate connections between I-294, Lake Street and North Avenue. They will provide shorter travel distances particularly for trucks accessing major industrial districts in Cook and DuPage counties and UP's Proviso and Global II railyards.

LAKE COOK ROAD - RAUPP BOULEVARD TO HASTINGS LANE

This \$60.0 million project will reconstruct and widen Lake Cook Road to a six-lane cross section between Raupp Boulevard and Hastings Lane, provide intersection improvements at Buffalo Grove Road and IL 83/McHenry Road and extend Weiland Road from Buffalo Grove Road and McHenry Road. The project will reduce traffic congestion in the area, improve connections among arterials and provide new bicycle and pedestrian facilities.

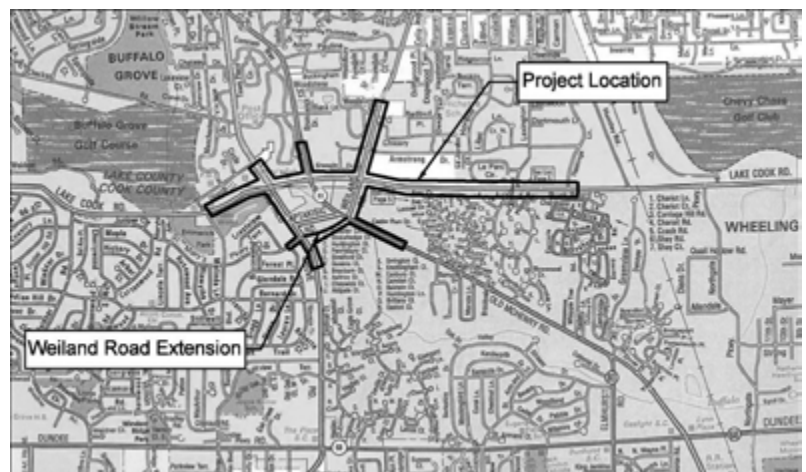


Figure 15. Map of Lake Cook Road improvements. This project reconstructs pavements and provides new connections among the major roadways in the area.

FY2019 BUDGET

The DOTH projects \$174.8 million in total new revenues and \$182.6 million in project expenditures, of which \$84.9 million are capital expenditures, and \$97.7 million appropriated to spend in maintenance or non-capitalizable expenses in FY2019. The program is balanced by transferring fund balances carried over from prior years, grants, as well as remaining bond proceeds from the 2012 Sales Tax Bond series. The anticipated total FY2019 expenditures level is 80.0% higher than the expenditures requested in the FY2018 appropriation, reflecting the advancement of major grant-funded expansion projects into the construction phase.

REVENUES

The primary source of revenue for the DOTH is its monthly MFT allotments from the State of Illinois per state statute (35 ILCS 505). These are anticipated to total \$92.5 million in FY2019, and are supplemented by a carryover balance of \$43.2 million from FY2018. MFT funds are invested on the DOTH's behalf by the Cook County Treasurer, creating an anticipated \$126,000 in interest revenue in FY2019. A total of \$47.0 million is transferred from MFT funds to cover the DOTH's operating costs—including staff salaries and benefits, office supplies, and maintenance-related services, materials, and equipment—resulting in a total of \$88.8 million in MFT revenues available for capital projects in FY2019.

The DOTH also receives project-specific revenue from federal, state and local governments in the form of grants and reimbursements. Grant revenues total \$52.5 million in FY2019. The DOTH has been aggressive in competing for discretionary grant funding in recent years, seeking to leverage its MFT allotment to increase overall investment in the transportation system. Grant funding has grown as a share of the DOTH's annual capital program, rising from less than 3.0% of FY2018 revenues to 29.0% of FY2019 revenues.

In addition, the DOTH also partners with other agencies including IDOT, Illinois Tollway, Metropolitan Water Reclamation District and municipalities to complete specific projects. When the DOTH leads these projects, the other agencies often provide reimbursements for a portion of the project costs. A total of \$29.3 million is expected in FY2019 from these reimbursements.

Two other revenue sources account for the remaining funds in the FY2019 budget. A total of \$9.0 million remains in bond proceeds from the 2012 Sales Tax Bond. Further, the DOTH serves as the central repository for the monthly Township MFT allotments and manages these accounts on behalf of 23 townships in a separate special revenue fund. Townships advance projects for their roadway construction and maintenance needs and seek reimbursement of these efforts from the DOTH. A total of \$421,800 in township revenues is projected for FY2019, and the DOTH will also draw down \$2.7 million in carryover township revenues from prior years.

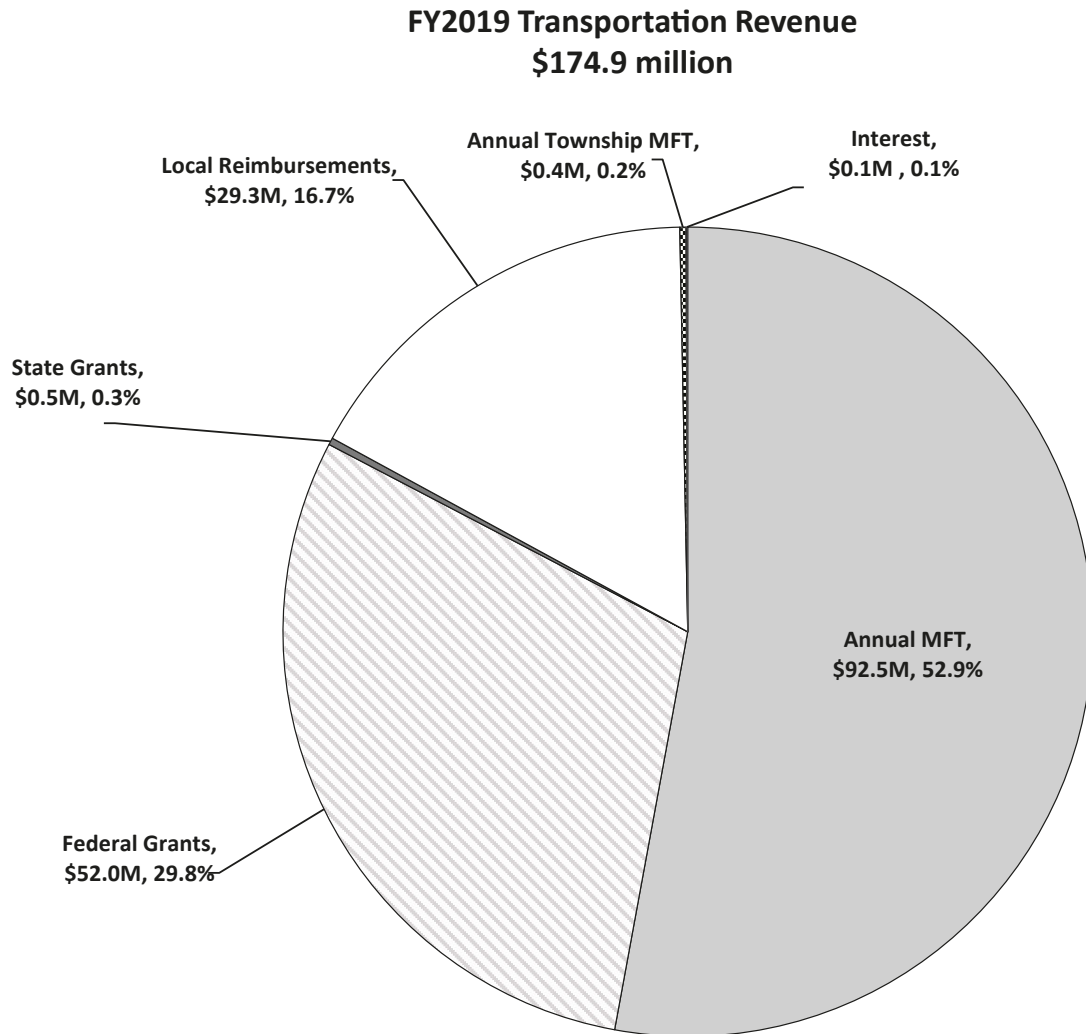


Chart 2. FY2019 Transportation revenues, excluding carryovers of MFT fund balances and remaining 2012 Sales Tax Bond proceeds

EXPENDITURES

The total FY2019 appropriated expenditure is \$182.6 million, predominately funded by MFT fund for \$90.1 million, followed by \$52.5 million in Federal and State grants, \$27.8 million in local agency reimbursements, and \$9.0 million in debt service for the 2012 Sales Tax Bond.

Of the appropriated expenditures, \$97.7 million or 53.5% is in maintenance activities or non-capitalizable projects in the County. The remaining \$84.9 million 46.5% are capitalizable expenditures, divided among preliminary engineering activities, design engineering activities, construction and right-of-way activities.

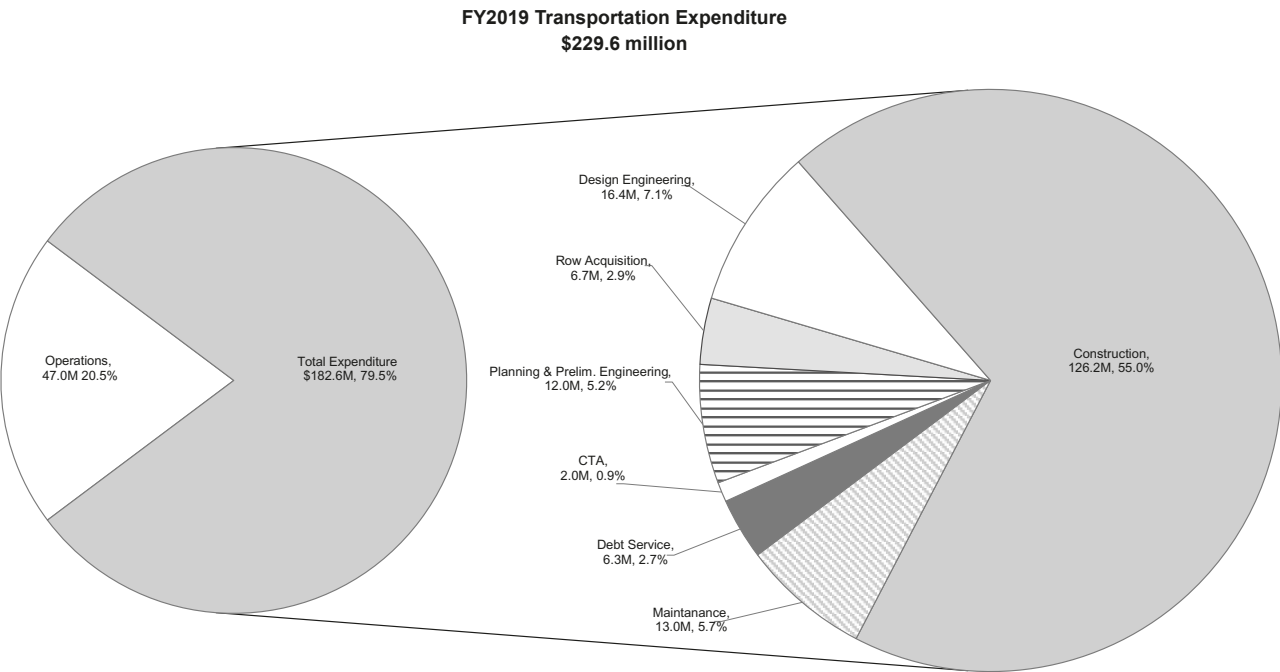


Chart 3. FY2019 Transportation expenditure

COOK COUNTY DEPARTMENT OF TRANSPORTATION AND HIGHWAYS FY2019 PROGRAM

Cook County Department of Transportation and Highways Capitalizable Projects

Project Name	Project Description	Commissioner District	Primary Work Type	Municipality	Miles	Scope of Work	Funded by Debt Proceeds	Funded by MFT	Funded by Federal Grant	Funded by Local Reimbursements	Total Project Request
104TH AVE 12-W2515-03-BR	Over Calumet Sag Channel	17	Preservation	N/A	0	Joint Removal And Replacement; Deck Repairs; Structural Repairs	-	196,096	-	-	196,096
108TH AVE 13-W7509-02-FP	167Th Street To 159Th Street	17	Modernization	Orland Park	1.00	3 Lane Pavement Reconstruction, Drainage Improvements, Shared Use Path	-	175,000	-	-	175,000
HAPP RD 16-W4043-00-BR	Over Skokie River	13	Modernization	Northfield, Wilmette	0.13	Bridge Removal And Replacement	-	35,407	141,629	-	177,036
170TH ST 08-B5934-04-RP	At South Park Avenue; Cottage Grove Avenue To I-94	6	Modernization	South Holland	0.62	Intersection Improvement; Pavement Reconstruction And Widening; Drainage Improvements	-	11,727	-	-	11,727
31ST ST 13-B3025-03-SS	At Wenonah Avenue	16	Preservation	Berwyn	0	Sewer System Repairs; Pavement Replacement	-	20,000	-	-	20,000
CENTER ST 02-W5208-02-RP	171St Street To 159Th Street	5	Modernization	Harvey	1.50	Pavement Reconstruction, Channelizations, Drainage Improvements	-	263,129	-	-	263,129
CRAWFORD AVE 08-W4337-03-PV	Devon Avenue To Oakton Street	13	Expansion	Lincolnwood, Skokie	2.00	Pavement Reconstruction, Drainage Improvements	-	228,385	-	-	228,385
DESIGN ENG 14-8DESV-01-EG	Countywide	Countywide	Modernization	Various Municipalities	0	Countywide Phase II Design Engineering Services	-	800,000	-	-	800,000
DESIGN ENG 14-8DESV-02-EG	Countywide	Countywide	Modernization	Various Municipalities	0	Countywide Phase II Design Engineering Services	-	800,000	-	-	800,000
DESIGN ENG 14-8DESV-03-EG	Countywide	Countywide	Modernization	Various Municipalities	0	Countywide Phase II Design Engineering Services	-	800,000	-	-	800,000
TRAF SIGNAL ENG 15-8TSDS-11-ES	-	Countywide	Modernization	N/A	0	Countywide Traffic Signal Design Services	-	200,000	-	-	200,000
HYDRAULIC ENG 13-6HESS-10-ES	-	Countywide	Modernization	N/A	0	Countywide Hydraulic Engineering, Surveying, And Wetland Services	-	40,000	-	-	40,000
JOE ORR RD 02-B6736-01-EG	Torrence Ave To Burnham Ave	6	Expansion	Lynwood	2.03	Design Services For New Roadway Reconstruction And Purchasing Of Wetland Credits	-	470,000	-	-	470,000
KEDZIE AVE 13-W4611-02-RP	147Th Street To 146Th Street	5	Preservation	Midlothian, Posen	0.12	Concrete Pavement Reconstruction With Median And Southbound Left Lane	-	251,771	-	-	251,771
LAKE COOK RD 13-A5015-02-EG	Raupp Boulevard To Hastings Lane	14	Expansion	Buffalo Grove, Wheeling	0	Pavement Reconstruction, New Roadway Construction, Bridge Improvements, Traffic Signal Improvements	-	90,000	-	-	90,000
LAND ACQ 14-6LAND-02-ES	-	Countywide	Modernization	N/A	0	Countywide Land Acquisition Services	-	99,955	-	-	99,955
OLD ORCHARD RD 14-A8327-09-RP	I-94 To Skokie Boulevard	13	Expansion	Skokie	0.28	Pavement Widening And Reconstruction, Intersection Improvements, Drainage Improvements	-	499,715	1,093,600	-	1,593,315
OLD ORCHARD RD 15-A8327-10-PV	Woods Drive To I-94	13	Expansion	Skokie	0.72	Pavement Widening And Reconstruction, Intersection Improvements, Drainage Improvements	-	130,820	22,880	-	153,700
PPRPS 2014 13-PREPS-01-RS	Various Locations	Multi	Preservation	Various Municipalities	4.25	Pavement Preservation And Rehabilitation	-	136,002	-	-	136,002
PRELIM ENG 14-6PEVS-01-ES	-	Countywide	Modernization	N/A	0	Countywide Phase I Preliminary Engineering Services	-	265,000	-	-	265,000
PRELIM ENG 14-6PEVS-02-ES	-	Countywide	Modernization	N/A	0	Countywide Phase I Preliminary Engineering Services	-	305,000	-	-	305,000
PRELIM ENG 14-6PEVS-03-ES	Barrington Road To Huntington Blvd	Countywide	Modernization	Various Municipalities	1.3	Countywide Phase I Preliminary Engineering Services	-	700,000	-	-	700,000
QUENTIN RD 05-V6246-10-ES	Dundee Road To Lake Cook Road	14	Modernization	Deer Park, Palatine	0	Pavement Reconstruction, Bridge Replacement, Shared Use Path	-	266,604	-	-	266,604
ROSELLE RD 14-V6039-02-TL	At Schaumburg Road	15	Modernization	Schaumburg	0	Traffic Signal Modernization And Channelization	-	104,357	-	112,378	216,735
SCHAUMBURG RD 10-A6606-03-CH	Roselle Road To Meachem Road	15	Modernization	Schaumburg	1.76	Concrete Patching; Diamond Grinding; Drainage Improvements	-	273,191	-	-	273,191
SHOE FACTORY RD 06-A6202-01-EG	Essex Drive To Beverly Road	15	Modernization	Hoffman Estates	0	Pavement Reconstruction To 4 Lanes With Median	-	130,585	-	67,271	197,856
SHOE FACTORY RD 11-A6204-01-CH	At Sutton Road	15	Modernization	Hoffman Estates	0	Intersection Widening; New Turn Lanes; Traffic Signal Modernization	-	23,470	-	-	23,470
TOUHY AVE 14-13018-01-EG	Elmhurst Road To Mount Prospect Road	Multi	Expansion	Chicago, Des Plaines, Elk Grove, Unincorporated	2.74	Design Engineering For Touhy Avenue Reconstruction	-	250,000	-	-	250,000
TRAFFIC ENG 13-TCIDS-11-ES	-	Countywide	Modernization	N/A	0	Countywide Traffic Engineering Services	-	117,226	-	-	117,226
SURVEYING 16-6SURV-00-ES	-	Countywide	Modernization	N/A	0	Countywide Land Surveying And Topographical Services	-	250,000	-	-	250,000
LAKE COOK RD 14-A5015-03-RP	Weiland Road To Hastings Lane	14	Expansion	Buffalo Grove, Wheeling	3.08	Pavement Reconstruction, Storm Sewer Installation, New Roadway Construction, Bridge Improvements, Traffic Signal Improvements	4,988,338	4,837,992	10,350,000	2,150,000	22,326,330
LAKE COOK RD 14-A5015-04-RP	Raupp Boulevard To Weiland Road	14	Expansion	Buffalo Grove, Wheeling	3.08	Pavement Reconstruction, New Roadway Construction, Bridge Improvements, Traffic Signal Improvements	4,000,000	1,536,718	6,500,000	825,000	12,861,718
BUSSE RD 16-W7141-00-PV	Golf Road To Central Road	Multi	Modernization	Mount Prospect	1.24	Pavement Reconstruction And Multi-Use Path	-	119,467	-	-	119,467
SANDERS RD 16-W2444-00-PV	Milwaukee Avenue To Techy Road	9	Modernization	Glenview, Prospect Heights	1.90	Pavement Reconstruction	-	150,000	-	-	150,000
E FRONTAGE 16-EFEDN-00-FP	Old Orchard Road To Glenview Road	13	Preservation	Skokie, Wilmette	0.60	Hot-Mix Asphalt Resurfacing With Patching	-	38,490	-	-	38,490
LAKE COOK 16-A5019-00-FP	At Takeda Parkway	14	Preservation	Northbrook	0.297	Hot-Mix Asphalt Resurfacing	-	53,797	-	-	53,797
MUNDHANK RD 16-A8106-00-FP	Barrington Road To Freeman Road	15	Preservation	South Barrington	0.96	Hot-Mix Asphalt Resurfacing With Patching	-	22,539	-	-	22,539
W FRONTAGE RD 16-WFEDN-00-FP	Illinois Road To Orchard Lane	13	Preservation	Northfield, Wilmette	1.145	Hot-Mix Asphalt Resurfacing With Patching	-	7,124	-	-	7,124
SAUK TRAIL 16-C1129-00-RP	At Richton Square Road	6	Preservation	Park Forest	0	Pcc Patching And Diamond Grinding	-	16,536	-	-	16,536
KEDZIE AVE 16-W4609-00-FP	At 163Rd Street	5	Preservation	Markham	0	Hot-Mix Asphalt Resurfacing	-	5,512	-	-	5,512
JOE ORR RD 16-B6735-00-PV	Cottage Grove Avenue To Stony Island Avenue	5	Preservation	Ford Heights, Lynwood	1.00	Hot-Mix Asphalt Resurfacing	-	39,962	-	-	39,962
HIBBARD RD 12-W4142-01-CH	At Skokie Road	13	Expansion	Wilmette	0	Widening The Intersection To Provide Left Turn Lanes, Drainage Improvements, Combination Curb And Gutter, Sidewalks, Street Lighting, Pedestrian Signal, Traffic Signal Modernization	-	318,671	-	-	318,671

COOK COUNTY DEPARTMENT OF TRANSPORTATION AND HIGHWAYS FY2019 PROGRAM

175TH ST 17-B6125-00-EG	Oak Park Avenue To Ridgeland Avenue; 175Th Street To Oak Forest Avenue; Ridgeland Avenue To 167Th Street	Multi	Modernization	Tinley Park	2.00	Pavement Reconstruction, Drainage Improvements	-	210,000	-	-	210,000
KEDZIE FRONTAGE 16-W4612-00-FP	143RD Street To 141St Street	5	Preservation	Blue Island, Robbins	0.32	Hot-Mix Asphalt Resurfacing	-	63,870	-	-	63,870
SAUK TRAIL 16-C1129-01-RP	At Lakewood Boulevard	6	Preservation	Park Forest	0	Pcc Patching And Diamond Grinding	-	12,402	-	-	12,402
PPRPN 16-PPRPN-00-PV	Various Locations	Multi	Preservation	Various Municipalities	9.94	Hot-Mix Asphalt Resurfacing And/Or Concrete Patching	-	765,700	-	-	765,700
PPRPS 16-PPRPS-00-PV	Various Locations	Multi	Preservation	Various Municipalities	5.02	Hot-Mix Asphalt Resurfacing And/Or Concrete Patching	-	685,921	-	-	685,921
HAPP RD 16-W4044-00-FP	Winnetka Road To Willow Road	Multi	Modernization	Northfield	0.57	Pavement Reconstruction, Intersection Improvements	-	20,349	-	-	20,349
PULASKI RD 16-W4312-00-EG	143Rd Street To 127Th Street	Multi	Modernization	Alsip, Crestwood, Robbins	1.93	Pavement Reconstruction	-	400,000	-	-	400,000
DESIGN ENG 17-8DESV-00-EG	Countywide	Countywide	Modernization	Various Municipalities	0	Countywide Phase II Design Engineering Services	-	800,000	-	-	800,000
SHOE FACTORY RD 16-A6202-00-PV	Essex Drive To Beverly Road	15	Modernization	Hoffman Estates	0.50	Pavement Reconstruction To 4 Lanes With Median	-	800,000	-	-	800,000
WEST FRONTAGE 16-WFCRA-00-FP	At Crawford Road	5	Preservation	Markham	0	Hot-Mix Asphalt Resurfacing	-	6,890	-	-	6,890
PLAINFIELD RD 16-B3719-00-EG	County Line Road To 1St Avenue	Multi	Modernization	Burr Ridge, Brookfield, Countryside, Indian Head Park, Lagrange, Lyons, Mccook, Western Springs	4.80	Pavement Reconstruction, Drainage Improvements	-	500,000	-	-	500,000
LAKE COOK RD 17-A5022-00-BR	Over Middle Fork Branch Of Chicago River	14	Preservation	Northbrook	0	Removal And Replacement Of Existing Expansion Joint, Deck Slab	-	200,000	-	-	200,000
FLOSSMOOR RD 16-B6529-00-RP	At Kedzie Avenue	5	Preservation	Flossmoor	1.00	Joint Repair And Pcc Patching	-	9,646	-	-	9,646
GEOTECHNICAL 16-6SOIL-00-ES	Countywide	Countywide	Modernization	Various Municipalities	0	Countywide Geotechnical Engineering Services	-	100,000	-	-	100,000
WISE RD 16-A6908-00-RP	Irving Park Road To Roselle Road	15	Preservation	Schaumburg	2.39	Pavement Patching And Curb And Gutter Replacement	-	1,795,827	-	-	1,795,827
DESIGN ENG 17-8DESV-01-EG	Countywide	Countywide	Modernization	Various Municipalities	0	Countywide Phase II Design Engineering Services	-	800,000	-	-	800,000
CONST ENG 16-8CEGN-00-EG	Countywide	Countywide	Modernization	Various Municipalities	0	Countywide Phase III Construction Engineering Services	-	750,000	-	-	750,000
WEST LAKE AVE 17-A5919-00-BR	Over Des Plaines River	9	Preservation	Unincorporated	0	Removal And Replacement Of Existing Expansion Joint	-	200,000	-	-	200,000
BARTLETT RD 17-V4740-00-BR	Over Poplar Creek	15	Preservation	Hoffman Estates	0	Removal And Replacement Of Existing Expansion Joint	-	200,000	-	-	200,000
CENTRAL RD. 16-A6110-00-RP	Ela Road To Roselle Road	15	Expansion	Hoffman Estates, Schaumburg	1.00	Construction Of Westbound On-Ramp To I-90; Land Bridge And Reconstruction Of Central Road	45,784	1,096,583	-	282,496	1,424,863
ROSELLE RD 16-V6041-00-RP	Over I-90	15	Expansion	Schaumburg	0.90	Reconstruction, Realignment, Widening Of Roselle Road, New Ramps To I-90	-	2,792,013	-	-	2,792,013
KEDZIE AVE 16-W4606-00-EG	Flossmoor Road To 159Th Street	Multi	Modernization	Flossmoor, Hazel Crest, Homewood, Markham	4.00	Pavement Patching And Pavement Resurfacing, Traffic Signal Modernization, Safety Improvements	-	100,000	-	-	100,000
CAL-SAG BRIDGE 18-CSSTS-00-BR	104Th, Ridgeland, Pulaski, Francisco	Multi	Preservation	Alsip, Palos Heights, Worth, Unincorporated	0	Steel Truss Member Repair, Full Depth Slab Repair, Cleaning And Painting Steel, Structural Repair Of Concrete	-	1,500,000	-	-	1,500,000
QUENTIN RD BR 18-V6247-00-BR	Over Salt Creek	14	Preservation	Palatine	0	Bridge Repair	-	120,000	-	-	120,000
QCQA MATERIALS 17-8TEST-00-EG	-	Countywide	Modernization	N/A	0	Qc/Qa Material Testing, Inspection, Coordination, Documentation, Training And Forensic Investigation	-	500,000	-	-	500,000
SKOKIE VALLEY 18-SVTEX-00-BT	Lake Cook Rd To Voltz Rd	14	Expansion	Northbrook	2.31	Pedestrian/Bicycle Bridge Construction	-	39,200	156,800	-	196,000
EAST LAKE AVE 18-A5924-00-BR	Over North Branch Of Chicago River	14	Preservation	Wilmette, Glenview	0	Bridge Repair	-	480,000	-	-	480,000
IL19 BARTLETT 18-V4738-00-PV	East Of Il Route 59 To Bartlett Road	15	Modernization	Streamwood	1.09	Reconstruction And Intersection Improvements	-	325,000	-	-	325,000
COUNTY LN 1294 18-W7331-00-RP	I-294 To Grand Ave	17	Expansion	Elmhurst	1.06	Roadway Reconstruction, Ramp Construction	-	240,000	7,360,000	1,600,000	9,200,000
HAPP ROAD 18-W4044-00-PV	Winnetka Road To Willow Road	Multi	Preservation	Northfield	0.57	Roadway Resurfacing	-	10,000	-	-	10,000
143RD ST BRIDGE REPLACEMENT (016-3069)	Over Tinley Creek	6	Modernization	Unincorporated	0	Remove And Replace Bridge	-	150,000	-	-	150,000
170TH ST BRIDGE AT THORN CREEK	Over Thorn Creek	6	Modernization	South Holland	0	Remove And Replace Bridge	-	350,000	-	-	350,000
CENTRAL AVE - OVER SANITARY AND SHIP CANAL	Over Sanitary & Ship Canal	16	Modernization	Forest View, Stickney	0.54	Remove And Replace Bridge Deck	-	100,000	-	-	100,000
CENTRAL RD - BARRINGTON TO HUNTINGTON	Barrington Road To Huntington Blvd	15	Modernization	Barrington, Hoffman States	1.3	Reconstruction And New Bike Path	-	117,772	-	64,307	182,079
CONTINGENCIES	Countywide	Countywide	Preservation	Various	0.0	Contingencies	-	3,500,000	-	-	3,500,000
CRAWFORD AVE - OAKTON TO GOLF	Oakton St To Golf Rd	13	Modernization	Countywide	2.0	Reconstruction	-	500,000	-	-	500,000
DRAINAGE ENGINEERING SERVICES	Countywide	Countywide	Modernization	Various Municipalities	0.00	Countywide Phase II Drainage Engineering Services	-	40,000	-	-	40,000
EAST LAKE BRIDGE (016-0544) REPLACEMENT	Over Mfn Chicago River	Multi	Modernization	Glenview, Wilmette	0.00	Structure Replacement	-	150,000	-	-	150,000
I-294 AT FRANKLIN AVE/GREEN STREET	At I-294	17	Expansion	Elmhurst	1	Ramp Construction, Intersection Improvements	-	503,512	-	503,512	1,007,024
KEDZIE AVE @ 139TH ST (HSIP)	At 139Th St	5	Modernization	Robbins	0.00	Traffic Signal Modernization	-	80,000	-	-	80,000
LAKE COOK RD @ OLD HICKS RD (HSIP)	At Old Hicks	14	Modernization	Palatine	0.00	Traffic Signal Modernization	-	80,000	-	-	80,000
LAND ACQUISITION SERVICES	Countywide	Countywide	Expansion	Coddoth	0.0	Land Acquisition Services	-	25,000	-	-	25,000
LEHIGH AVE BRIDGE (016-1129) REPLACEMENT	Over East Lake Ave Ext	14	Modernization	Glenview	0.00	Structure Replacement	-	100,000	-	-	100,000
MEACHAM AVE BRIDGE (016-3217) REPLACEMENT	Over Salt Creek	15	Modernization	Schaumburg	0.00	Structure Replacement	-	100,000	-	-	100,000
MIDLOTHIAN TURNPIKE 16-B8027-00-EG	Central Ave To Pulaski Rd	6	Modernization	Crestwood	1	New Sidewalk	-	30,000	-	-	30,000
PPRPS 2019 VARIOUS LOCATIONS	Various Locations	Multi	Preservation	Richton Park, Markham, Lynwood, Lemont, Unincorporated	3.8	Grind And Overlay Of Hma Pavement, Pcc Pavement Patching, Ada Improvements	-	3,040,000	-	-	3,040,000
PRELIM ENG 18-6PSV-00-ES	Various Locations	Countywide	Modernization	Various Municipalities	0.00	Various Phase I Services	-	300,000	-	-	300,000
PRELIM ENG 18-6PSV-01-ES	Various Locations	Countywide	Modernization	Various Municipalities	0.00	Various Phase I Services	-	300,000	-	-	300,000

COOK COUNTY DEPARTMENT OF TRANSPORTATION AND HIGHWAYS FY2019 PROGRAM

PRELIM ENG 18-6PESV-02-ES	Various Locations	Countywide	Modernization	Various Municipalities	1.0	Various Phase I Services	-	300,000	-	-	300,000
RIDGELAND @ 143RD ST (HSIP)	At 143Rd St	5	Modernization	Unincorporated	0.00	Traffic Signal Modification	-	80,000	-	-	80,000
ROBERTS RD @ 111TH ST	At 111Th St	17	Modernization	Palos Hills	0.00	Pavement Rehab, Drainage Relocation, Add Bidirectional Left Turn Lane	-	12,000	-	-	12,000
TRAFFIC ENGINEERING SERVICES	Countywide	Countywide	Modernization	Various Municipalities	0.00	Performance Of Traffic Engineering Services Including Traffic Counts, Projections	-	400,000	-	-	400,000
WEST LAKE: WOLF TO LANDWEHR	Wolf Road To Land Weher	Multi	Preservation	Glenview, Mount Prospect	2.6	Grind And Overlay Of Hma Pavement, Pcc Pavement Patching, Ada Improvements	-	3,680,000	-	-	3,680,000
NERGE AT PLUM GROVE (HSIP)	At Plum Grove	15	Modernization	Schaumburg	0.00	Traffic Signal Modernization	-	80,000	-	-	80,000
Total:							\$9,034,122	\$44,621,933	\$25,624,909	\$5,604,964	\$84,885,928

COOK COUNTY DEPARTMENT OF TRANSPORTATION AND HIGHWAYS FY2019 PROGRAM

Cook County Department of Transportation and Highways Non-Capitalizable Projects

Project Name	Project Description	Commissioner District	Primary Work Type	Municipality	Miles	Scope of Work	Funded by Township Funds	Funded by MFT	Funded by Federal Grant	Funded by State Grant	Funded by Local Reimbursements	Total Project Request
131ST ST 15-13129-01-FP	Pulaski Road To Kedzie Avenue	Multi	Modernization	Alsip	1.00	Pavement Reconstruction	-	150,000	-	150,000	-	300,000
EMIM 17-8EMIM-00-GM	-	Countywide	Preservation	N/A	0	Countywide Electrical And Mechanical Item Maintenance Services	-	10,000	-	-	-	10,000
LEYDEN 13-15133-90-RS	Various Locations	Multi	Preservation	N/A	1.90	Pavement Preservation And Rehabilitation	59,242	-	-	-	-	59,242
KEDZIE AVE 14-W4632-01-EG	At Milwaukee Avenue And Logan Boulevard	8	Modernization	Chicago	0.12	Phase II Design Engineering Services For Kedzie Avenue	-	100,000	-	-	-	100,000
R-B TRAIL 16-B1CYC-00-BT	31St Street From First Avenue To Golfview Road; Golfview Road From 31St Street To 26Th Street	Multi	Expansion	North Riverside, Riverside	0	Multi-Use Path	-	50,000	-	-	-	50,000
TOUHY AVE 13-A8730-02-SW	At Kedzie Avenue; At Francisco Avenue; At Albany Avenue	13	Modernization	Chicago	0.36	Sidewalk And Pedestrian Safety Improvements	-	192,000	-	-	-	192,000
TOUHY AVENUE 15-34117-01-RP	Elmhurst Road To Mount Prospect Road	Multi	Expansion	Chicago, Des Plaines, Elk Grove, Unincorporated	2.74	Pavement Reconstruction, New Grade Separations, Intersection Improvements	-	4,884,774	10,421,700	-	11,933,000	27,239,474
LAGRANGE-26TH 17-REHAB-01-PV	Beach Ave To Kenman Ave	Multi	Preservation	Lagrange Park	0.12	Pavement And Rehab	-	175,000	-	-	-	175,000
CDOT - 18-REHAB-00-PV	Countywide	Countywide	Preservation	Chicago	0	Pavement And Rehab	-	5,600,000	-	-	-	5,600,000
CHICAGO HEIGHTS 16-REHAB-02-PV	Various Locations	5	Preservation	Chicago Heights	0	Pavement Rehabilitation, Drainage Repairs And Adjustments, Ada Compliant Ramps, Sidewalk, Curb And Gutter Repair And Replacements.	-	650,000	-	-	-	650,000
156TH ST 14-15632-01-FP	Commercial Avenue To Halsted Street	5	Modernization	Harvey	1.00	Pavement Reconstruction, Storm Sewer Improvements	-	-	83,782	83,783	-	167,565
134TH ST 16-13433-00-RP	Halsted Street To Marsden Drive	5	Modernization	Riverdale	0.33	Drainage Improvements, Traffic Signal Modernization, Pavement Reconstruction	-	-	32,081	32,081	-	64,162
EMIM 18-8EMIM-00-GM	-	Countywide	Preservation	N/A	0	Countywide Electrical And Mechanical Item Maintenance Services	-	450,277	-	-	-	450,277
SPAM 17-8SPAM-00-GM	-	Countywide	Preservation	N/A	0	Countywide Sign Panel And Assembly Maintenance Services	-	18,000	-	-	-	18,000
CENTRAL RD 16-A6110-00-RP	Ela Road To Roselle Road	15	Expansion	Hoffman Estate, Schaumburg	1.00	Construction Of Westbound On-Ramp To I-80; Land Bridge And Reconstruction Of Central Road	-	427,211	-	-	108,581	535,792
IIC - HALSTED 17-IICTR-04-ES	Cta Red Line 79Th St Station To 154Th St/Park Ave	Multi	Modernization	Various	11	Environmental Study Of Proposed Enhanced Pace Service Along Halsted Street	-	200,000	-	-	-	200,000
IIC - METRA 17-IICTR-03-EG	Willow Road To Winnetka Road	5	Modernization	Harvey	0.6	Sidewalk Construction	-	100,000	-	-	-	100,000
IIC - ARMITAGE 17-IICFB-00-PV	Manheim Rd To 25Th Ave	16	Modernization	Melrose Park	0	Preliminary Engineering For Reconstruction	-	121,800	-	-	-	121,800
IIC - WASHGTON 17-IICRB-02-ES	22Nd Ave To 1St Ave	1	Preservation	Maywood	0	Preliminary Engineering For Roadway Resurfacing, New Curb And Gutter, Bike Lane, And Drainage	-	58,900	-	-	-	58,900
IIC - CICERO 17-IICRD-00-PV	Nb Edens Exit To Touhy Ave	13	Modernization	Lincolnwood	0	Preliminary Engineering For The Reconstruction	-	93,800	-	-	-	93,800
IIC - BUTLER DR 17-IICFR-03-PV	130Th St To Doty Ave	4	Preservation	Chicago	1.1	Reconstruction Of Existing Roadway	-	225,000	-	225,000	-	450,000
IIC - SVT 17-IICBP-02-BT	Old Orchard Rd To Voltz Rd	14	Expansion	Glenview	3.9	Preliminary Engineering To Fill In Skokie Valley Trail Network	-	98,000	-	-	-	98,000
IIC - FRANKLIN 17-IICFR-02-PV	Runge St To Mannheim Road	Multi	Modernization	Franklin Park	1.7	Reconstruction, Add Lanes, Multi-Use Path, Drainage	-	145,000	-	-	-	145,000
IIC - DPRT 17-IICBP-01-BT	At Upr	9	Modernization	Des Plaines	0	Phase I Study To Create Safer Crossing Of Des Plaines River Trail At Upr	-	66,000	-	-	-	66,000
IIC - 135TH ST 17-IICRB-01-PV	Central Ave To Kostner Ave	6	Modernization	Crestwood	1.5	Preliminary Engineering For Resurfacing And Addition Of Sidewalk And Bikepath	-	15,000	-	-	-	15,000
IIC - CTA BLUE 17-IICTR-02-ES	O'Hare To Forest Park	Multi	Modernization	Various	27	Study To Determine Current And Future Power Needs Along The Blue Line	-	145,000	-	-	-	145,000
IIC - DIVISION 17-IICFR-01-PV	123Rd St To 119Th St	5	Modernization	Blue Island	1	Reconstruction Of Roadway With Drainage Improvements	-	80,000	-	80,000	-	160,000
IIC - RIDGELAND 17-IICTR-01-RP	88Th To 108Th	6	Modernization	Chicago Ridge, Oak Lawn, Worth	2.48	Design And Construction Of Pace Bus Pads	-	178,250	-	-	-	178,250
IIC - CDOT HCC 17-IICRB-00-PV	Various Locations	Multi	Modernization	Chicago	3.25	Traffic Safety Improvements And Improved Pedestrian And Bicycle Accommodations.	-	880,180	-	-	-	880,180
IIC - PROV-WOLF 17-IICFR-00-PV	West Leg Of Proviso Drive To Wolf Road	Multi	Modernization	Berkeley	0.5	Preliminary Engineering For The Reconstruction Of Proviso Drive	-	122,300	-	-	-	122,300
IIC - ARCHER 17-IICFB-01-PV	Henry Detony Woods	17	Modernization	Palos Township	0	Pavement And Rehab. Realignment	-	48,500	-	-	-	48,500
IIC - UNION AV 17-IICBP-09-SW	Steger Road To 34Th Street	6	Expansion	Steger	0.5	Bike Lane And Sidewalk Infill	-	58,500	-	-	-	58,500
IIC - RR STUDY 17-IICFC-00-ES	Various Locations	Multi	Modernization	Various	0	Evaluation Of Ten At-Grade Highway-Rail Crossings In Riverdale And Dolton	-	60,000	-	-	-	60,000
IIC - BARRINGTON 17-IICBP-08-BT	Algonquin Road To Central Road	15	Preservation	South Barrington	1.77	Construction Of A Multi-Use Bike And Pedestrian Asphalt Path.	-	76,000	-	-	-	76,000
IIC - WOODFIELD 17-IICRD-03-TL	Woodfield Rd And National Pkwy To Meacham Rd And Drummer Dr	15	Modernization	Schaumburg	1.75	Installation Of New Traffic Signal Technology.	-	13,000	-	-	-	13,000
IIC - 223RD ST 17-IICRD-02-PV	Torrence Avenue To Cornell Avenue, 223Rd Street To Sauk Trail	6	Preservation	Sauk Village	1.2	Patching, Repair Existing Curb And Gutter, Resurfacing, Remove And Replace Non-Ada Compliant Sidewalks.	-	49,470	-	-	-	49,470
IIC - 135TH ST 17-IICRD-01-PV	Kostner Avenue To Claire Boulevard	Multi	Preservation	Robbins	1.62	The Resurfacing Existing Pavement, Construction Of Ada-Compliant Sidewalks, Detectable Warnings And Handicap Ramps.	-	90,000	-	-	-	90,000
IIC - POPLAR AV 17-IICBP-06-BT	Cicero Ave To Old Plan K	6	Modernization	Matteson	0	Extension Of Bicycle Trail	-	45,000	-	-	-	45,000
IIC - WOLF RD 17-IICBP-05-SW	Willow Road To Palatine Road	14	Expansion	Prospect Heights	0.5	Sidewalk Construction	-	75,000	-	-	-	75,000
IIC - BEDFORD 17-IICTR-00-ES	Village Of Bedford Park Limits	11	Modernization	Bedford Park	0	Study And Pilot To Examine How Emerging Transportation Alternatives Can Promote Transit Connectivity And Access To Employment	-	127,500	-	-	-	127,500
WORTH TWP 17-REHAB-02-PV	Various Locations	6	Preservation	Worth Township	0	Pavement And Rehab	-	428,535	-	-	-	428,535
IIC - DPRT 17-IICBP-07-BT	Touhy Ave To North Ave	9	Modernization	Rosemont	1	Reconstruction Of Roadway With Drainage Improvements	-	200,850	-	-	-	200,850
AGGREGATE MAT 18-STONE-00-GM	Countywide	Countywide	Preservation	Countywide	0.000	Stone Materials Utilized On Countywide Preservation Projects	-	150,000	-	-	-	150,000

COOK COUNTY DEPARTMENT OF TRANSPORTATION AND HIGHWAYS FY2019 PROGRAM

BITUM COLD N 18-CBITN-00-GM	Countywide	Countywide	Preservation	Countywide	0	Bituminous Cold Patch Materials Used In Northern Districts 1 And 2 For Pavement Preservation Maintenance Projects	-	100,000	-	-	-	100,000
BITUM COLD S 18-CBITS-00-GM	Countywide	Countywide	Preservation	Countywide	0	Bituminous Cold Patch Materials Used In Southern Districts 4 And 5 For Pavement Preservation Maintenance Projects	-	100,000	-	-	-	100,000
BITUM HOT N 18-HBITN-00-GM	Countywide	Countywide	Preservation	Countywide	0	Bituminous Hot Patch Materials Utilized In Northern Districts 1 And 2 Pavement Preservation Maintenance Projects	-	200,000	-	-	-	200,000
BITUM HOT S1 18-HBITS-00-GM	Countywide	Countywide	Preservation	Countywide	0	Bituminous Hot Patch Materials Utilized In South Area 1 District 4 Pavement Preservation Maintenance Projects	-	100,000	-	-	-	100,000
BITUM HOT S2 18-HBITS-00-GM	Countywide	Countywide	Preservation	Countywide	0	Bituminous Hot Patch Materials Utilized In South Area 2 District 5 Pavement Preservation Maintenance Projects	-	100,000	-	-	-	100,000
CRACK FILL 18-8CFMA-00-GM	Countywide	Countywide	Preservation	Countywide	0	Crafoo Crack Fill Materials And Detackfying Solution Utilized Countywide For Pavement Preservation Maintenance	-	50,000	-	-	-	50,000
GUARDRAIL 18-8GTBT-00-GM	Countywide	Countywide	Preservation	Countywide	0	Guardrail And Traffic Barrier Terminal Replacement And Repair Services Countywide	-	165,000	-	-	-	165,000
SPOILS REM 18-8SPRS-00-GM	Countywide	Countywide	Preservation	Countywide	0	Spoils Removal Services Utilized For The Removal Of Waste Materials Countywide From Districts 1, 2, 4, And 5	-	200,000	-	-	-	200,000
HERBICIDE N 18-HERBN-00-GM	Countywide	Countywide	Preservation	Countywide	0	Vegetation Removal And Growth Retardation Around Guardrails, Curb And Gutter And Median Areas In Northern Districts 1 And 2	-	150,000	-	-	-	150,000
HERBICIDE S 18-HERBS-00-GM	Countywide	Countywide	Preservation	Countywide	0	Vegetation Removal And Growth Retardation Around Guardrails, Curb And Gutter And Median Areas In Southern Districts 4 And 5	-	150,000	-	-	-	150,000
SALT 18-8SALT-00-GM	Countywide	Countywide	Preservation	Countywide	0	Bulk Rock Salt De-Icing Materials Utilized Countywide During Winter Operations	-	1,900,000	-	-	-	1,900,000
TREE REMOVAL 18-8TREE-00-GM	Countywide	Countywide	Preservation	Countywide	0	Tree Removal Services Countywide In Areas Too Large And Inaccessible Due To Terrain, Near Power Lines, Extend Over Private Property And Are Infested With The Emerald Ash Borer In Maintenance Districts 1, 2, 4, And 5	-	150,000	-	-	-	150,000
LIQ CALCIUM CHL 18-8CACH-00-GM	Countywide	Countywide	Preservation	Countywide	0	De-Icing Materials Utilized Countywide During Winter Operations	-	180,000	-	-	-	180,000
HANOVER TWP 17-09122-00-RS	Various	15	Preservation	Multi	0	Hot-Mix Asphalt Resurfacing	122,218	-	-	-	-	122,218
FOREST PARK 18-FPSUP-00-BT	Park District	1	Preservation	Forest Park District	0	Construction Of A Shared Use Path	-	100,000	-	-	-	100,000
25TH AVE SUP 18-25SUP-00-BT	Salt Creek Greenway Trail To Roosevelt Rd	1	Modernization	Broadview	1.2	Construction Of A Bikepath	-	170,000	-	-	-	170,000
MOWING VEG MT 18-MOWNG-00-GM	Countywide	Countywide	Preservation	Countywide	0	Grass Mowing Services Performed By The Cook County Forest Preserve Along Various County Maintained Highways That Are Adjacent To The Forest Preserves	-	250,000	-	-	-	250,000
ELGIN OHARE WAC 18-6EOWA-00-EG	Eowa Corridor	Multi	Modernization	Dupage County	0	Cost Participation With Dupage County For Engineering And Architectural Services Required For Corridor Enhancements And Improvements Related To The Elgin O'Hare Western Access (Eowa) Project	-	52,532	-	-	-	52,532
LEMONT TWP 18-14138-00-RS	Various	17	Preservation	Lemont	1.25	Hot-Mix Asphalt Resurfacing	36,173	-	-	-	-	36,173
BELLWOOD 18-REHAB-00-PV	Various Locations	1	Preservation	Village Of Bellwood	0	Pavement Rehabilitation	-	100,000	-	-	-	100,000
CONTINGENCIES	Countywide	Countywide	Preservation	Various	0.0	Contingencies	-	100,000	-	-	-	100,000
COUNTY LINE RD 18-W7331-00-RP	I-294 To North Ave	17	Expansion	Elmhurst, North Lake	1.46	Roadway Reconstruction, Bridge Reconstruction, Roadway Construction	-	90,708	15,421,937	-	9,461,959	24,974,604
CREATE 75TH ST	71St St To 87Th St; Kedzie Ave To I-94	Multi	Modernization	Chicago	Various	Phase II, Utilities, And Construction For Ew2, P3, And Gs19	-	5,000,000	-	-	-	5,000,000
DEBT SERVICE	Countywide	Countywide	Modernization	Various Municipalities	0.00	Debt Service For Bonds	-	6,253,763	-	-	-	6,253,763
DUPAGE-COOK TRAVEL DEMAND ASSESSMENT	95Th St To Balmoral Ave	Multi	Expansion	Various Municipalities	0.00	Assess Effects On Local Roadway Network	-	82,257	-	-	-	82,257
EMIM 2019-2023	Countywide	Countywide	Preservation	Various Municipalities	0.00	Maintenance Of Traffic Signal Installations, Street And Roadway Lighting Systems	-	2,200,000	-	-	700,000	2,900,000
INVEST IN COOK PROGRAM	Various	Countywide	Modernization	Various	Various	Invest In Cook Program	-	5,650,000	-	-	-	5,650,000
LEE RD	Shermer Road To Dundee Rd	14	Preservation	Northbrook	0.0	Drainage Improvement	-	150,000	-	-	-	150,000
PAVEMENT MARKINGS	Countywide	Countywide	Preservation	Various	0.00	Paint Pavement And Median Markings	-	2,375,000	-	-	-	2,375,000
CTA TRANSFER	Chicago	Multi	Modernization	Chicago	0.00	Cta Irg Transfer	-	2,000,000	-	-	-	2,000,000
ROSEMONT TRANSIT CENTER	River Road At Cta Blue Line	9	Expansion	Rosemont	0.00	Rfp For Site Development Of Multimodal Transportation Center	-	250,000	-	-	-	250,000
TOWNSHIP	Various Locations	Countywide	Preservation	Various Municipalities	0.00	Township Road Construction & Maintenance Reimbursements	2,907,625	-	-	-	-	2,907,625
SIGNAGE 19-8SIGN-00-GM	Countywide	Countywide	Preservation	Various Municipalities	0.00	Furnishing, Removal, Relocation, And Maintenance Of Existing And New Sign Panels Countywide	-	300,000	-	-	-	300,000
SOUTHWEST COOK TRUCKING STUDY	Various	Multi	Modernization	Various Municipalities	Various	Investigate Truck Mobility And Investment Needs In Southwest Cook County	-	7,000	28,000	-	-	35,000
TRANSIT PLAN	Various	Countywide	Modernization	Various Municipalities	Various	Explore Ways To Improve Transit Service	-	90,000	360,000	-	-	450,000
TRI-STATE INTERCHANGE ACCESS STUDY	Central Tri-State Tollway	Countywide	Expansion	Various	0	Measure Subregional Traffic Impacts Of New Interchanges	-	50,000	-	-	-	50,000
Total:							\$3,125,258	\$45,475,107	\$26,347,500	\$570,864	\$22,203,540	\$97,722,268

	Total Funded by Debt Proceeds	Total Funded by Township Funds	Total Funded by MFT Funded (DOT Only)	Total Funded by Federal Grant	Total Funded by State	Total Funded by Local Reimbursement	Total Funded Request
Grand Total:	\$9,034,122	\$3,125,258	\$90,097,040	\$51,972,409	\$570,864	\$27,808,504	\$182,608,197

FY2019 - FY2023 FORECAST

The DOTH's costs for construction, service contracts and maintenance typically occur over several years. The Budget Book includes a five-year forecast of revenues and expenditures to enable more accurate financial management and planning.

However, only FY2019 expenditures are appropriated by the Cook County Board of Commissioners and, as such, a constrained FY2019 budget is provided. Revenues and expenditures for the FY2020-2023 period are shown for planning purposes and therefore are not subject to fiscal constraint. The DOTH's five-year expenditure outlays currently exceed its projected five-year revenues by a total of \$232.3 million. Should additional revenues not be obtained to eliminate this funding gap, projects will be postponed until the financial resources have been secured.

Over-programming of infrastructure projects in future years is common practice in the transportation industry. Several factors, some of unknown duration, are inherent in major capital projects due to their complex scopes. Projects are advanced to construction based on the readiness of bid documents, securing of all land required for full construction of the project, coordination of adjacent improvements and utility relocations by other agencies and availability of annual appropriations at the state and local levels. Should a project be delayed due to one of these reasons, another project in the five-year program can be advanced in its place.

FIVE-YEAR REVENUE PROJECTIONS

The five-year revenue projections for the FY2019-2023 period total \$437.5 million, and the mix of revenue sources is expected to remain roughly the same as is projected for FY2019. MFT revenues available for capital projects (i.e., those remaining after operations expenditures) are projected to represent about half of total revenues for the DOTH's capital improvement program, accounting for \$227.5 million or 52.0%, of the total. Grants are also expected to hold steady as a share of total revenues at \$135.2 million or 30.9%. Local reimbursements are expected to total \$72.1 million or 16.5% of the total. No transfers of carryover balances are assumed in the five-year projections.

Revenue Source	FY2019	FY2020	FY2021	FY2022	FY2023	Total
Annual MFT for CIP	45,500,000	45,500,000	45,500,000	45,500,000	45,500,000	227,500,000
Township MFT	421,800	421,800	421,800	421,800	421,800	2,109,000
Federal/State Grants	52,543,273	23,249,395	48,911,593	5,219,338	5,294,463	135,218,062
Local Reimbursements	29,293,036	15,032,027	16,965,990	7,829,421	2,966,000	72,086,474
Interest	126,000	126,000	126,000	126,000	126,000	630,000
Total	\$127,884,109	\$84,329,222	\$111,925,383	\$59,096,559	\$54,308,263	\$437,543,536

Table 3. Five-year revenue projections by funding source, excluding carryovers of MFT fund balances and remaining 2012 Sales Tax Bond proceeds

The MFT faces structural challenges to its long-term sustainability as a revenue source. It is based on fixed rates of 19 cents per gallon for gasoline and 21.5 cents per gallon for diesel, which do not keep pace with inflation in construction costs. In addition, vehicles have become more fuel-efficient over time, reducing the consumption of motor fuels and MFT receipts and the overall number of miles driven in the area has grown more slowly in recent years than previously. These trends have resulted in stagnant growth in nominal MFT receipts and a decline in MFT revenues in real terms, while investment needs continue to rise.

MFT revenues to the DOTH in the past several years have been relatively stable in nominal terms. For the purposes of developing this forecast, the DOTH projects annual MFT allotments to stay constant at \$92.5 million throughout the planning period. Transfers of MFT to support the DOTH's operations are also projected to stay constant at \$47.0 million annually leaving \$45.5 million in MFT revenues available each year for capital expenditures in FY2020-2023. The remaining revenue estimates are based on project-specific grant agreements and intergovernmental agreements for local reimbursements.

FIVE-YEAR EXPENDITURE PROJECTIONS

The five-year expenditure projections for the FY2019-2023 period total \$724.7 million. Similar to the expenditure mix expected in FY2019, about two-thirds of expenditures, 67.2%, are for construction and an additional 6.4% are for construction engineering. The remainder of expenditures are again divided among preliminary and design engineering (15.6% of the total); maintenance (7.0%); planning, materials testing and utility relocation (1.9%); and right-of-way activities (1.8%).

Construction expenditures are forecasted to be highest in FY2019, with \$120.5 million in construction expenditures to advance major projects like County Line Road, Lake Cook Road and Touhy Avenue. Construction expenditures fall to roughly \$100.0 million each in FY2020-2022, and then decline further to \$63.4 million in FY2023. Construction engineering expenditures follow the same pattern. Reflecting the decline in construction expenditures in later years of the program, other expenditure categories, including preliminary and design engineering, peak in FY2020 and then decline through FY2023. The remaining categories, such as maintenance, have fairly constant expenditures throughout the planning period.

Phase	FY2019	FY2020	FY2021	FY2022	FY2023	Total
Planning & Prelim. Engineering	8,046,225	12,212,521	5,256,936	2,325,000	1,400,000	29,240,681
Design Engineering	7,083,110	6,888,296	6,572,824	6,210,000	3,050,000	29,804,230
Right-of-Way	6,131,205	665,000	1,380,000	175,000	-	8,351,205
Construction	65,508,890	68,329,228	73,709,252	104,924,128	40,300,000	352,771,497
Maintenance	95,838,768	68,591,892	60,120,050	37,481,725	42,496,113	304,528,548
Total	\$182,608,197	\$156,686,936	\$147,039,062	\$151,115,853	\$87,246,113	\$724,696,161

Table 4. FY2019 - FY2023 Total expenditures by task

For planning purposes, projected revenues and expenditures are compared over the FY2019-2023 period, illustrating a substantial \$232.3 million funding gap. The previous FY2018 Capital Budget Book forecasted a larger five-year funding gap of \$350.0 million, demonstrating the DOTH's progress over the past year in aggressively pursuing grant opportunities and more actively managing its program. Nevertheless, the County's transportation system faces structural fiscal challenges. The DOTH is committed to advocating for new, sustainable transportation revenues, as called for in Connecting Cook County.

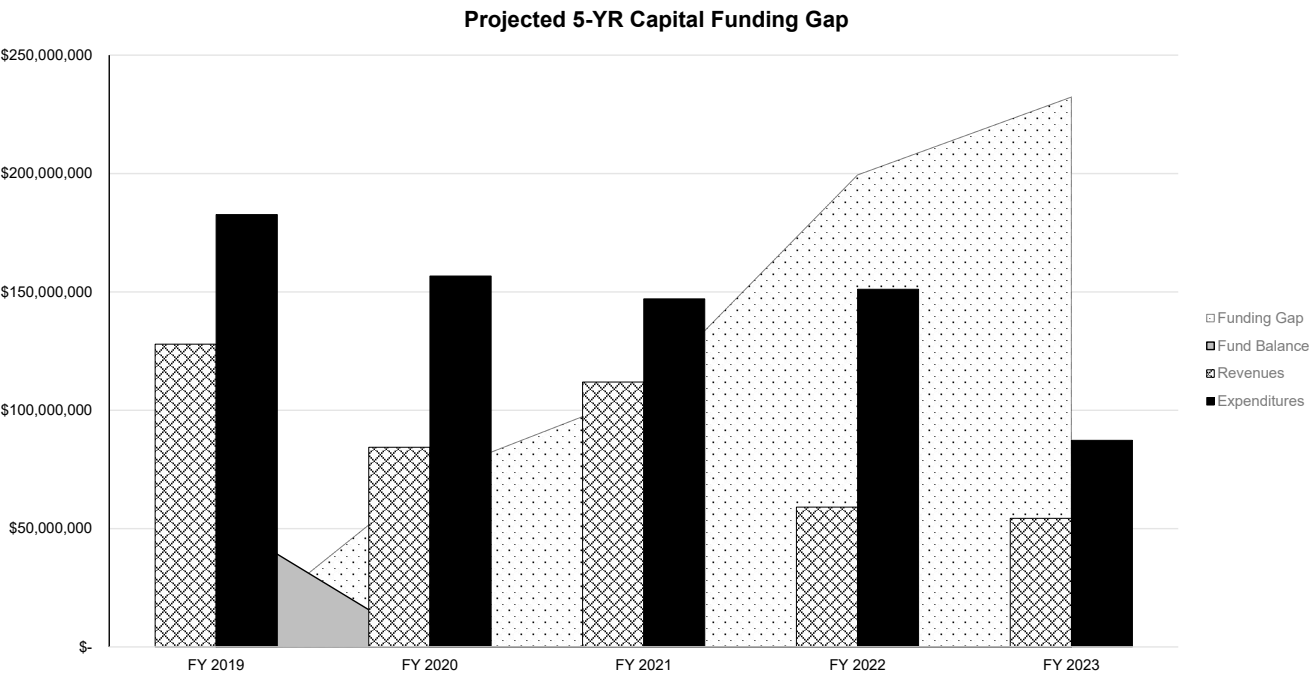


Chart 4. Projected five-year funding gap

COOK COUNTY DEPARTMENT OF TRANSPORTATION AND HIGHWAYS FY2019 TO FY2023 PROGRAM

Cook County Department of Transportation and Highways Capitalizable Projects

	Project Name	Primary Work Type	FY2019	FY2020	FY2021	FY2022	FY2023	Est. Total Cost	County Funding	Outside Funding
Project Tasks	104TH AVE 12-W2515-03-BR	Preservation	-	-	-	-	-	-	-	-
Construction			196,096	-	-	-	-	196,096	196,096	-
Total Project Cost			\$196,096	-	-	-	-	\$196,096	\$196,096	-
Project Tasks	108TH AVE 13-W7509-02-FP	Modernization	-	-	-	-	-	-	-	-
Planning & Prelim. Engineering			175,000	-	-	-	-	175,000	175,000	-
Design Engineering			-	450,000	450,000	-	-	900,000	900,000	-
Right-of-Way			-	-	100,000	-	-	100,000	100,000	-
Construction			-	-	-	4,950,000	4,950,000	9,900,000	9,900,000	-
Total Project Cost			\$175,000	\$450,000	\$550,000	\$4,950,000	\$4,950,000	\$11,075,000	\$11,075,000	-
Project Tasks	131ST ST 15-13129-01-FP	Modernization	-	-	-	-	-	-	-	-
Construction			-	-	6,746,000	-	-	6,746,000	-	6,746,000
Total Project Cost			-	-	\$6,746,000	-	-	\$6,746,000	-	\$6,746,000
Project Tasks	HAPP RD 16-W4043-00-BR	Modernization	-	-	-	-	-	-	-	-
Construction			177,036	-	-	-	-	177,036	35,407	141,629
Total Project Cost			\$177,036	-	-	-	-	\$177,036	\$35,407	\$141,629
Project Tasks	170TH ST 08-B5934-04-RP	Modernization	-	-	-	-	-	-	-	-
Construction			11,727	-	-	-	-	11,727	11,727	-
Total Project Cost			\$11,727	-	-	-	-	\$11,727	\$11,727	-
Project Tasks	31ST ST 13-B3025-03-SS	Preservation	-	-	-	-	-	-	-	-
Construction			20,000	-	-	-	-	20,000	20,000	-
Total Project Cost			\$20,000	-	-	-	-	\$20,000	\$20,000	-
Project Tasks	CENTER ST 02-W5208-02-RP	Modernization	-	-	-	-	-	-	-	-
Construction			263,129	-	-	-	-	263,129	263,129	-
Total Project Cost			\$263,129	-	-	-	-	\$263,129	\$263,129	-
Project Tasks	CRAWFORD AVE 08-W4337-03-PV	Expansion	-	-	-	-	-	-	-	-
Construction			228,385	-	-	-	-	228,385	228,385	-
Total Project Cost			\$228,385	-	-	-	-	\$228,385	\$228,385	-
Project Tasks	DESIGN ENG 14-8DESV-01-EG	Modernization	-	-	-	-	-	-	-	-
Design Engineering			800,000	1,000,000	-	-	-	1,800,000	1,800,000	-
Total Project Cost			\$800,000	\$1,000,000	-	-	-	\$1,800,000	\$1,800,000	-
Project Tasks	DESIGN ENG 14-8DESV-02-EG	Modernization	-	-	-	-	-	-	-	-
Design Engineering			800,000	1,040,000	-	-	-	1,840,000	1,840,000	-
Total Project Cost			\$800,000	\$1,040,000	-	-	-	\$1,840,000	\$1,840,000	-
Project Tasks	DESIGN ENG 14-8DESV-03-EG	Modernization	-	-	-	-	-	-	-	-
Design Engineering			800,000	1,000,000	-	-	-	1,800,000	1,800,000	-
Total Project Cost			\$800,000	\$1,000,000	-	-	-	\$1,800,000	\$1,800,000	-
Project Tasks	TRAF SIGNAL ENG 15-8TSDS-11-ES	Modernization	-	-	-	-	-	-	-	-
Design Engineering			200,000	50,000	-	-	-	250,000	250,000	-
Total Project Cost			\$200,000	\$50,000	-	-	-	\$250,000	\$250,000	-
Project Tasks	HYDRAULIC ENG 13-6HESS-10-ES	Modernization	-	-	-	-	-	-	-	-
Design Engineering			40,000	-	-	-	-	40,000	40,000	-
Total Project Cost			\$40,000	-	-	-	-	\$40,000	\$40,000	-
Project Tasks	JOE ORR RD 15-B6737-03-RP	Expansion	-	-	-	-	-	-	-	-
Construction			-	9,791,587	4,196,395	-	-	13,987,982	13,987,982	-
Total Project Cost			-	\$9,791,587	\$4,196,395	-	-	\$13,987,982	\$13,987,982	-
Project Tasks	JOE ORR RD 02-B6736-01-EG	Expansion	-	-	-	-	-	-	-	-
Design Engineering			20,000	-	-	-	-	20,000	20,000	-
Right-of-Way			450,000	-	-	-	-	450,000	450,000	-
Construction			-	1,828,268	-	-	-	1,828,268	1,828,268	-
Total Project Cost			\$470,000	\$1,828,268	-	-	-	\$2,298,268	\$2,298,268	-
Project Tasks	KEDZIE AVE 13-W4611-02-RP	Preservation	-	-	-	-	-	-	-	-
Construction			251,771	-	-	-	-	251,771	251,771	-
Total Project Cost			\$251,771	-	-	-	-	\$251,771	\$251,771	-
Project Tasks	LAKE COOK RD 13-A5015-02-EG	Expansion	-	-	-	-	-	-	-	-
Design Engineering			90,000	40,000	52,824	-	-	182,824	182,824	-
Total Project Cost			\$90,000	\$40,000	\$52,824	-	-	\$182,824	\$182,824	-
Project Tasks	LAND ACQ 14-6LAND-02-ES	Modernization	-	-	-	-	-	-	-	-
Right-of-Way			99,955	-	-	-	-	99,955	99,955	-
Total Project Cost			\$99,955	-	-	-	-	\$99,955	\$99,955	-
Project Tasks	OLD ORCHARD RD 14-A8327-09-RP	Expansion	-	-	-	-	-	-	-	-
Design Engineering			23,015	-	-	-	-	23,015	23,015	-
Right-of-Way			1,570,300	-	-	-	-	1,570,300	476,700	1,093,600
Total Project Cost			\$1,593,315	-	-	-	-	\$1,593,315	\$499,715	\$1,093,600
Project Tasks	OLD ORCHARD RD 15-A8327-10-PV	Expansion	-	-	-	-	-	-	-	-
Design Engineering			20,000	-	-	-	-	20,000	20,000	-
Right-of-Way			133,700	-	-	-	-	133,700	110,820	22,880
Total Project Cost			\$153,700	-	-	-	-	\$153,700	\$130,820	\$22,880
Project Tasks	PPRPS 2014 13-PREPS-01-RS	Preservation	-	-	-	-	-	-	-	-
Construction			136,002	-	-	-	-	136,002	136,002	-
Total Project Cost			\$136,002	-	-	-	-	\$136,002	\$136,002	-
Project Tasks	PRELIM ENG 14-6PESV-01-ES	Modernization	-	-	-	-	-	-	-	-
Planning & Prelim. Engineering			265,000	433,318	433,318	-	-	1,131,636	1,131,636	-
Total Project Cost			\$265,000	\$433,318	\$433,318	-	-	\$1,131,636	\$1,131,636	-
Project Tasks	PRELIM ENG 14-6PESV-02-ES	Modernization	-	-	-	-	-	-	-	-
Planning & Prelim. Engineering			305,000	325,000	325,000	325,000	-	1,280,000	1,280,000	-
Total Project Cost			\$305,000	\$325,000	\$325,000	\$325,000	-	\$1,280,000	\$1,280,000	-
Project Tasks	PRELIM ENG 14-6PESV-03-ES	Modernization	-	-	-	-	-	-	-	-
Planning & Prelim. Engineering			700,000	133,618	133,618	-	-	967,236	967,236	-
Total Project Cost			\$700,000	\$133,618	\$133,618	-	-	\$967,236	\$967,236	-
Project Tasks	QUENTIN RD 05-V6246-10-ES	Modernization	-	-	-	-	-	-	-	-
Planning & Prelim. Engineering			266,604	-	-	-	-	266,604	266,604	-
Total Project Cost			\$266,604	-	-	-	-	\$266,604	\$266,604	-
Project Tasks	ROSELLE RD 14-V6039-02-TL	Modernization	-	-	-	-	-	-	-	-
Construction			216,735	-	-	-	-	216,735	104,357	112,378
Total Project Cost			\$216,735	-	-	-	-	\$216,735	\$104,357	\$112,378

COOK COUNTY DEPARTMENT OF TRANSPORTATION AND HIGHWAYS FY2019 TO FY2023 PROGRAM

	Project Name	Primary Work Type	FY2019	FY2020	FY2021	FY2022	FY2023	Est. Total Cost	County Funding	Outside Funding
Project Tasks	SCHAUMBURG RD 10-A6606-03-CH	Modernization	-	-	-	-	-	-	-	-
Construction			273,191	-	-	-	-	273,191	273,191	-
Total Project Cost			\$273,191	-	-	-	-	\$273,191	\$273,191	-
Project Tasks	SHOE FACTORY RD 06-A6202-01-EG	Modernization	-	-	-	-	-	-	-	-
Planning & Prelim. Engineering			-	130,585	-	-	-	130,585	130,585	-
Design Engineering			197,856	67,271	-	-	-	265,127	130,585	134,542
Total Project Cost			\$197,856	\$197,856	-	-	-	\$395,712	\$261,170	\$134,542
Project Tasks	SHOE FACTORY RD 11-A6204-01-CH	Modernization	-	-	-	-	-	-	-	-
Construction			23,470	-	-	-	-	23,470	23,470	-
Total Project Cost			\$23,470	-	-	-	-	\$23,470	\$23,470	-
Project Tasks	TOUHY AVE 14-13018-01-EG	Expansion	-	-	-	-	-	-	-	-
Design Engineering			250,000	-	-	-	-	250,000	250,000	-
Total Project Cost			\$250,000	-	-	-	-	\$250,000	\$250,000	-
Project Tasks	TRAFFIC ENG 13-TCIDS-11-ES	Modernization	-	-	-	-	-	-	-	-
Planning & Prelim. Engineering			117,226	-	-	-	-	117,226	117,226	-
Total Project Cost			\$117,226	-	-	-	-	\$117,226	\$117,226	-
Project Tasks	SURVEYING 16-6SURV-00-ES	Modernization	-	-	-	-	-	-	-	-
Planning & Prelim. Engineering			-	150,000	-	-	-	150,000	150,000	-
Design Engineering			250,000	-	-	-	-	250,000	250,000	-
Total Project Cost			\$250,000	\$150,000	-	-	-	\$400,000	\$400,000	-
Project Tasks	LAKE COOK RD 14-A5015-03-RP	Expansion	-	-	-	-	-	-	-	-
Right-of-Way			2,500,000	-	-	-	-	2,500,000	2,500,000	-
Construction			19,826,330	14,171,474	202,202	-	-	34,200,006	16,660,009	17,539,997
Total Project Cost			\$22,326,330	\$14,171,474	\$202,202	-	-	\$36,700,006	\$19,160,009	\$17,539,997
Project Tasks	LAKE COOK RD 14-A5015-04-RP	Expansion	-	-	-	-	-	-	-	-
Right-of-Way			31,250	-	-	-	-	31,250	31,250	-
Construction			12,830,468	8,544,582	146,692	-	-	21,521,742	11,531,957	9,989,785
Total Project Cost			\$12,861,718	\$8,544,582	\$146,692	-	-	\$21,552,992	\$11,563,207	\$9,989,785
Project Tasks	BUSSE RD 16-W7141-00-PV	Modernization	-	-	-	-	-	-	-	-
Planning & Prelim. Engineering			19,467	-	-	-	-	19,467	19,467	-
Design Engineering			100,000	415,000	315,000	-	-	830,000	830,000	-
Right-of-Way			-	100,000	55,000	-	-	155,000	155,000	-
Construction			-	-	2,386,250	7,158,750	-	9,545,000	9,545,000	-
Total Project Cost			\$119,467	\$515,000	\$2,756,250	\$7,158,750	-	\$10,549,467	\$10,549,467	-
Project Tasks	SANDERS RD 16-W2444-00-PV	Modernization	-	-	-	-	-	-	-	-
Design Engineering			150,000	450,000	100,000	-	-	700,000	700,000	-
Right-of-Way			-	100,000	-	-	-	100,000	100,000	-
Construction			-	-	-	8,000,000	-	8,000,000	8,000,000	-
Total Project Cost			\$150,000	\$550,000	\$100,000	\$8,000,000	-	\$8,800,000	\$8,800,000	-
Project Tasks	E FRONTAGE 16-EFEDN-00-FP	Preservation	-	-	-	-	-	-	-	-
Construction			38,490	-	-	-	-	38,490	38,490	-
Total Project Cost			\$38,490	-	-	-	-	\$38,490	\$38,490	-
Project Tasks	LAKE COOK 16-A5019-00-FP	Preservation	-	-	-	-	-	-	-	-
Construction			53,797	-	-	-	-	53,797	53,797	-
Total Project Cost			\$53,797	-	-	-	-	\$53,797	\$53,797	-
Project Tasks	MUNDHANK RD 16-A8106-00-FP	Preservation	-	-	-	-	-	-	-	-
Construction			22,539	-	-	-	-	22,539	22,539	-
Total Project Cost			\$22,539	-	-	-	-	\$22,539	\$22,539	-
Project Tasks	W FRONTAGE RD 16-WFEDN-00-FP	Preservation	-	-	-	-	-	-	-	-
Construction			7,124	-	-	-	-	7,124	7,124	-
Total Project Cost			\$7,124	-	-	-	-	\$7,124	\$7,124	-
Project Tasks	SAUK TRAIL 16-C1129-00-RP	Preservation	-	-	-	-	-	-	-	-
Construction			16,536	-	-	-	-	16,536	16,536	-
Total Project Cost			\$16,536	-	-	-	-	\$16,536	\$16,536	-
Project Tasks	KEDZIE AVE 16-W4609-00-FP	Preservation	-	-	-	-	-	-	-	-
Construction			5,512	-	-	-	-	5,512	5,512	-
Total Project Cost			\$5,512	-	-	-	-	\$5,512	\$5,512	-
Project Tasks	JOE ORR RD 16-B6735-00-PV	Preservation	-	-	-	-	-	-	-	-
Construction			39,962	-	-	-	-	39,962	39,962	-
Total Project Cost			\$39,962	-	-	-	-	\$39,962	\$39,962	-
Project Tasks	HIBBARD RD 12-W4142-01-CH	Expansion	-	-	-	-	-	-	-	-
Construction			318,671	-	-	-	-	318,671	318,671	-
Total Project Cost			\$318,671	-	-	-	-	\$318,671	\$318,671	-
Project Tasks	175TH ST 17-B6125-00-EG	Modernization	-	-	-	-	-	-	-	-
Design Engineering			210,000	-	-	-	-	210,000	210,000	-
Right-of-Way			-	100,000	-	-	-	100,000	100,000	-
Construction			-	-	3,162,500	9,487,500	-	12,650,000	12,650,000	-
Total Project Cost			\$210,000	\$100,000	\$3,162,500	\$9,487,500	-	\$12,960,000	\$12,960,000	-
Project Tasks	KEDZIE FRONTAGE 16-W4612-00-FP	Preservation	-	-	-	-	-	-	-	-
Construction			63,870	-	-	-	-	63,870	63,870	-
Total Project Cost			\$63,870	-	-	-	-	\$63,870	\$63,870	-
Project Tasks	SAUK TRAIL 16-C1129-01-RP	Preservation	-	-	-	-	-	-	-	-
Construction			12,402	-	-	-	-	12,402	12,402	-
Total Project Cost			\$12,402	-	-	-	-	\$12,402	\$12,402	-
Project Tasks	PPRPN 16-PPRPN-00-PV	Preservation	-	-	-	-	-	-	-	-
Construction			765,700	-	-	-	-	765,700	765,700	-
Total Project Cost			\$765,700	-	-	-	-	\$765,700	\$765,700	-
Project Tasks	PPRPS 16-PPRPS-00-PV	Preservation	-	-	-	-	-	-	-	-
Construction			685,921	-	-	-	-	685,921	685,921	-
Total Project Cost			\$685,921	-	-	-	-	\$685,921	\$685,921	-
Project Tasks	HAPP RD 16-W4044-00-FP	Modernization	-	-	-	-	-	-	-	-
Planning & Prelim. Engineering			20,349	-	-	-	-	20,349	20,349	-
Design Engineering			-	-	300,000	300,000	-	600,000	600,000	-
Right-of-Way			-	-	50,000	50,000	-	100,000	100,000	-
Construction			-	-	-	-	3,450,000	3,450,000	3,450,000	-
Total Project Cost			\$20,349	-	\$350,000	\$350,000	\$3,450,000	\$4,170,349	\$4,170,349	-
Project Tasks	PULASKI RD 16-W4312-00-EG	Modernization	-	-	-	-	-	-	-	-
Planning & Prelim. Engineering			400,000	1,120,000	560,000	-	-	2,080,000	2,080,000	-
Design Engineering			-	-	-	1,250,000	1,250,000	2,500,000	2,500,000	-
Total Project Cost			\$400,000	\$1,120,000	\$560,000	\$1,250,000	\$1,250,000	\$4,580,000	\$4,580,000	-

COOK COUNTY DEPARTMENT OF TRANSPORTATION AND HIGHWAYS FY2019 TO FY2023 PROGRAM

	Project Name	Primary Work Type	FY2019	FY2020	FY2021	FY2022	FY2023	Est. Total Cost	County Funding	Outside Funding
Project Tasks	DESIGN ENG 17-8DES00-EG	Modernization	-	-	-	-	-	-	-	-
Planning & Prelim. Engineering			-	1,000,000	-	-	-	1,000,000	1,000,000	-
Design Engineering			800,000	-	-	-	-	800,000	800,000	-
Total Project Cost			\$800,000	\$1,000,000	-	-	-	\$1,800,000	\$1,800,000	-
Project Tasks	SHOE FACTORY RD 16-A6202-00-PV	Modernization	-	-	-	-	-	-	-	-
Right-of-Way			800,000	190,000	-	-	-	990,000	990,000	-
Construction			-	7,601,392	-	-	-	7,601,392	5,073,119	1,928,273
Total Project Cost			\$800,000	\$7,791,392	-	-	-	\$8,591,392	\$6,063,119	\$1,928,273
Project Tasks	WEST FRONTAGE 16-WFCRA-00-FP	Preservation	-	-	-	-	-	-	-	-
Construction			6,890	-	-	-	-	6,890	6,890	-
Total Project Cost			\$6,890	-	-	-	-	\$6,890	\$6,890	-
Project Tasks	PLAINFIELD RD 16-B3719-00-EG	Modernization	-	-	-	-	-	-	-	-
Planning & Prelim. Engineering			500,000	800,000	400,000	-	-	1,700,000	1,700,000	-
Design Engineering			-	-	-	900,000	900,000	1,800,000	1,800,000	-
Total Project Cost			\$500,000	\$800,000	\$400,000	\$900,000	\$900,000	\$3,500,000	\$3,500,000	-
Project Tasks	LAKE COOK RD 17-A5022-00-BR	Preservation	-	-	-	-	-	-	-	-
Construction			200,000	75,000	-	-	-	275,000	275,000	-
Total Project Cost			\$200,000	\$75,000	-	-	-	\$275,000	\$275,000	-
Project Tasks	FLOSSMOOR RD 16-B6529-00-RP	Preservation	-	-	-	-	-	-	-	-
Construction			9,646	-	-	-	-	9,646	9,646	-
Total Project Cost			\$9,646	-	-	-	-	\$9,646	\$9,646	-
Project Tasks	GEOTECHNICAL 16-6SOIL-00-ES	Modernization	-	-	-	-	-	-	-	-
Planning & Prelim. Engineering			-	100,000	-	-	-	100,000	100,000	-
Design Engineering			100,000	-	100,000	50,000	-	250,000	250,000	-
Total Project Cost			\$100,000	\$100,000	\$100,000	\$50,000	-	\$350,000	\$350,000	-
Project Tasks	WISE RD 16-A6908-00-RP	Preservation	-	-	-	-	-	-	-	-
Design Engineering			-	185,215	-	-	-	185,215	185,215	-
Construction			1,610,613	-	-	-	-	1,610,613	1,610,613	-
Total Project Cost			\$1,795,827	-	-	-	-	\$1,795,827	\$1,795,827	-
Project Tasks	DESIGN ENG 17-8DES01-EG	Modernization	-	-	-	-	-	-	-	-
Planning & Prelim. Engineering			-	1,000,000	-	-	-	1,000,000	1,000,000	-
Design Engineering			800,000	-	-	-	-	800,000	800,000	-
Total Project Cost			\$800,000	\$1,000,000	-	-	-	\$1,800,000	\$1,800,000	-
Project Tasks	CONST ENG 16-8CEGN-00-EG	Modernization	-	-	-	-	-	-	-	-
Construction			750,000	340,000	330,000	330,000	-	1,750,000	1,750,000	-
Total Project Cost			\$750,000	\$340,000	\$330,000	\$330,000	-	\$1,750,000	\$1,750,000	-
Project Tasks	WEST LAKE AVE 17-A5919-00-BR	Preservation	-	-	-	-	-	-	-	-
Construction			200,000	75,000	-	-	-	275,000	275,000	-
Total Project Cost			\$200,000	\$75,000	-	-	-	\$275,000	\$275,000	-
Project Tasks	BARTLETT RD 17-V4740-00-BR	Preservation	-	-	-	-	-	-	-	-
Construction			200,000	75,000	-	-	-	275,000	275,000	-
Total Project Cost			\$200,000	\$75,000	-	-	-	\$275,000	\$275,000	-
Project Tasks	CENTRAL RD. 16-A6110-00-RP	Expansion	-	-	-	-	-	-	-	-
Construction			1,424,864	-	-	-	-	1,424,864	1,142,367	282,496
Total Project Cost			\$1,424,864	-	-	-	-	\$1,424,864	\$1,142,367	\$282,496
Project Tasks	ROSELLE RD 16-V6041-00-RP	Expansion	-	-	-	-	-	-	-	-
Construction			2,792,013	-	-	-	-	2,792,013	2,792,013	-
Total Project Cost			\$2,792,013	-	-	-	-	\$2,792,013	\$2,792,013	-
Project Tasks	KEDZIE AVE 16-W4606-00-EG	Modernization	-	-	-	-	-	-	-	-
Planning & Prelim. Engineering			100,000	880,000	250,000	-	-	1,230,000	750,000	480,000
Design Engineering			-	-	-	800,000	800,000	1,600,000	1,600,000	-
Total Project Cost			\$100,000	\$880,000	\$250,000	\$800,000	\$800,000	\$2,830,000	\$2,350,000	\$480,000
Project Tasks	OLD ORCHARD 17-A8327-00-PV	Expansion	-	-	-	-	-	-	-	-
Construction			-	-	14,161,715	8,697,878	-	22,859,593	6,423,593	16,436,000
Total Project Cost			-	-	\$14,161,715	\$8,697,878	-	\$22,859,593	\$6,423,593	\$16,436,000
Project Tasks	CAL-SAG BRIDGE 18-CSSTS-00-BR	Preservation	-	-	-	-	-	-	-	-
Construction			1,500,000	1,500,000	-	-	-	3,000,000	3,000,000	-
Total Project Cost			\$1,500,000	\$1,500,000	-	-	-	\$3,000,000	\$3,000,000	-
Project Tasks	QUENTIN RD BR 18-V6247-00-BR	Preservation	-	-	-	-	-	-	-	-
Construction			120,000	-	-	-	-	120,000	120,000	-
Total Project Cost			\$120,000	-	-	-	-	\$120,000	\$120,000	-
Project Tasks	QCQA MATERIALS 17-8TEST-00-EG	Modernization	-	-	-	-	-	-	-	-
Construction			500,000	500,000	500,000	500,000	500,000	2,500,000	2,500,000	-
Total Project Cost			\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000	\$2,500,000	-
Project Tasks	SKOKIE VALLEY 18-SVTX-00-BT	Expansion	-	-	-	-	-	-	-	-
Right-of-Way			196,000	-	-	-	-	196,000	39,200	156,800
Construction			-	3,368,894	-	-	-	3,368,894	134,941	3,233,953
Total Project Cost			\$196,000	\$3,368,894	-	-	-	\$3,564,894	\$174,141	\$3,390,753
Project Tasks	EAST LAKE AV ER 18-A5924-00-BR	Preservation	-	-	-	-	-	-	-	-
Construction			480,000	-	-	-	-	480,000	480,000	-
Total Project Cost			\$480,000	-	-	-	-	\$480,000	\$480,000	-
Project Tasks	IL19 BARTLETT 18-V4738-00-PV	Modernization	-	-	-	-	-	-	-	-
Right-of-Way			325,000	-	-	-	-	325,000	325,000	-
Construction			-	453,030	-	-	-	453,030	453,030	-
Total Project Cost			\$325,000	\$453,030	-	-	-	\$778,030	\$778,030	-
Project Tasks	COUNTY LN I294 18-W7331-00-RP	Expansion	-	-	-	-	-	-	-	-
Construction			9,200,000	-	-	-	-	9,200,000	240,000	8,960,000
Total Project Cost			\$9,200,000	-	-	-	-	\$9,200,000	\$240,000	\$8,960,000
Project Tasks	HAPP ROAD 18-W4044-00-PV	Preservation	-	-	-	-	-	-	-	-
Construction			10,000	-	-	-	-	10,000	10,000	-
Total Project Cost			\$10,000	-	-	-	-	\$10,000	\$10,000	-
Project Tasks	103RD ST - CENTRAL TO CICERO	Modernization	-	-	-	-	-	-	-	-
Construction			-	-	-	5,000,000	-	5,000,000	5,000,000	-
Total Project Cost			-	-	-	\$5,000,000	-	\$5,000,000	\$5,000,000	-
Project Tasks	143RD ST BRIDGE REPLACEMENT (016-3069)	Modernization	-	-	-	-	-	-	-	-
Planning & Prelim. Engineering			150,000	50,000	-	-	-	200,000	200,000	-
Design Engineering			-	25,000	125,000	-	-	150,000	150,000	-
Construction			-	-	-	2,450,000	-	2,450,000	2,450,000	-
Total Project Cost			\$150,000	\$75,000	\$125,000	\$2,450,000	-	\$2,800,000	\$2,800,000	-

COOK COUNTY DEPARTMENT OF TRANSPORTATION AND HIGHWAYS FY2019 TO FY2023 PROGRAM

	Project Name	Primary Work Type	FY2019	FY2020	FY2021	FY2022	FY2023	Est. Total Cost	County Funding	Outside Funding
Project Tasks	151ST ST CULVERT AT BOCA RIO DITCH	Modernization	-	-	-	-	-	-	-	-
Construction			-	630,000	-	-	-	630,000	25,000	605,000
Total Project Cost			-	\$630,000	-	-	-	\$630,000	\$25,000	\$605,000
Project Tasks	170TH ST BRIDGE AT THORN CREEK	Modernization	-	-	-	-	-	-	-	-
Planning & Prelim. Engineering			350,000	100,000	-	-	-	450,000	450,000	-
Design Engineering			-	50,000	350,000	-	-	400,000	400,000	-
Construction			-	-	-	6,600,000	-	6,600,000	6,600,000	-
Total Project Cost			\$350,000	\$150,000	\$350,000	\$6,600,000	-	\$7,450,000	\$7,450,000	-
Project Tasks	BRIDGE REPAIR PROGRAM NORTH (BRP-N)	Modernization	-	-	-	-	-	-	-	-
Construction			-	750,000	-	750,000	-	1,500,000	1,500,000	-
Total Project Cost			-	\$750,000	-	\$750,000	-	\$1,500,000	\$1,500,000	-
Project Tasks	BRIDGE REPAIR PROGRAM SOUTH (BRP-S)	Modernization	-	-	-	-	-	-	-	-
Construction			-	-	750,000	-	-	750,000	750,000	-
Total Project Cost			-	-	\$750,000	-	-	\$750,000	\$750,000	-
Project Tasks	CENTRAL AVE - OVER SANITARY AND SHIP CANAL	Modernization	-	-	-	-	-	-	-	-
Planning & Prelim. Engineering			100,000	800,000	100,000	-	-	1,000,000	1,000,000	-
Design Engineering			-	-	500,000	1,500,000	-	2,000,000	2,000,000	-
Construction			-	-	-	22,000,000	-	22,000,000	22,000,000	-
Total Project Cost			\$100,000	\$800,000	\$600,000	\$23,500,000	-	\$25,000,000	\$25,000,000	-
Project Tasks	CENTRAL RD - BARRINGTON TO HUNTINGTON	Modernization	-	-	-	-	-	-	-	-
Planning & Prelim. Engineering			182,079	-	-	-	-	182,079	117,772	64,307
Design Engineering			-	300,000	1,200,000	-	-	1,500,000	1,170,000	330,000
Construction			-	-	-	-	10,300,000	10,300,000	8,034,000	2,266,000
Total Project Cost			\$182,079	\$300,000	\$1,200,000	-	\$10,300,000	\$11,982,079	\$9,321,772	\$2,660,307
Project Tasks	CONTINGENCIES	Preservation	-	-	-	-	-	-	-	-
Design Engineering			200,000	-	-	-	-	200,000	200,000	-
Construction			3,300,000	-	-	-	-	3,300,000	3,300,000	-
Total Project Cost			\$3,500,000	-	-	-	-	\$3,500,000	\$3,500,000	-
Project Tasks	COUNTY LINE RD AT CARRIAGE WAY DR	Modernization	-	-	-	-	-	-	-	-
Planning & Prelim. Engineering			-	700,000	-	-	-	700,000	700,000	-
Design Engineering			-	-	800,000	-	-	800,000	800,000	-
Total Project Cost			-	\$700,000	\$800,000	-	-	\$1,500,000	\$1,500,000	-
Project Tasks	CRAWFORD AVE - OAKTON TO GOLF	Modernization	-	-	-	-	-	-	-	-
Planning & Prelim. Engineering			500,000	500,000	-	-	-	1,000,000	1,000,000	-
Total Project Cost			\$500,000	\$500,000	-	-	-	\$1,000,000	\$1,000,000	-
Project Tasks	DRAINAGE ENGINEERING SERVICES	Modernization	-	-	-	-	-	-	-	-
Design Engineering			40,000	250,000	250,000	210,000	-	750,000	750,000	-
Total Project Cost			\$40,000	\$250,000	\$250,000	\$210,000	-	\$750,000	\$750,000	-
Project Tasks	EAST LAKE BRIDGE (016-0544) REPLACEMENT	Modernization	-	-	-	-	-	-	-	-
Planning & Prelim. Engineering			150,000	50,000	-	-	-	200,000	200,000	-
Design Engineering			-	25,000	225,000	-	-	250,000	250,000	-
Construction			-	-	-	2,650,000	-	2,650,000	2,650,000	-
Total Project Cost			\$150,000	\$75,000	\$225,000	\$2,650,000	-	\$3,100,000	\$3,100,000	-
Project Tasks	I-294 AT FRANKLIN AVE/GREEN STREET	Expansion	-	-	-	-	-	-	-	-
Design Engineering			1,007,025	1,007,025	-	-	-	2,014,049	1,007,025	1,007,025
Construction			-	-	30,882,087	-	-	30,882,087	5,521,558	25,360,529
Total Project Cost			\$1,007,025	\$1,007,025	\$30,882,087	-	-	\$32,896,137	\$6,528,583	\$26,367,554
Project Tasks	KEDZIE AVE @ 139TH ST (HSIP)	Modernization	-	-	-	-	-	-	-	-
Planning & Prelim. Engineering			80,000	-	-	-	-	80,000	80,000	-
Design Engineering			-	100,000	-	-	-	100,000	100,000	-
Construction			-	-	660,000	-	-	660,000	585,588	74,412
Total Project Cost			\$80,000	\$100,000	\$660,000	-	-	\$840,000	\$765,588	\$74,412
Project Tasks	LAKE COOK RD -ARLINGTON HEIGHTS RD TO RAUPP BLVD	Preservation	-	-	-	-	-	-	-	-
Construction			-	5,500,000	4,400,000	1,100,000	-	11,000,000	11,000,000	-
Total Project Cost			-	\$5,500,000	\$4,400,000	\$1,100,000	-	\$11,000,000	\$11,000,000	-
Project Tasks	LAKE COOK RD @ OLD HICKS RD (HSIP)	Modernization	-	-	-	-	-	-	-	-
Planning & Prelim. Engineering			80,000	-	-	-	-	80,000	80,000	-
Design Engineering			-	100,000	-	-	-	100,000	100,000	-
Construction			-	-	617,130	-	-	617,130	585,000	32,130
Total Project Cost			\$80,000	\$100,000	\$617,130	-	-	\$797,130	\$765,000	\$32,130
Project Tasks	LAKE COOK RD AT BUFFALO CRK MAINTENANCE AND MONITORING	Expansion	-	-	-	-	-	-	-	-
Construction			-	-	20,000	20,000	20,000	60,000	60,000	-
Total Project Cost			-	-	\$20,000	\$20,000	\$20,000	\$60,000	\$60,000	-
Project Tasks	LAND ACQUISITION SERVICES	Expansion	-	-	-	-	-	-	-	-
Right-of-Way			25,000	175,000	175,000	125,000	-	500,000	500,000	-
Total Project Cost			\$25,000	\$175,000	\$175,000	\$125,000	-	\$500,000	\$500,000	-
Project Tasks	LEHIGH AVE BRIDGE (016-1129) REPLACEMENT	Modernization	-	-	-	-	-	-	-	-
Planning & Prelim. Engineering			100,000	130,000	-	-	-	230,000	230,000	-
Design Engineering			-	20,000	180,000	-	-	200,000	200,000	-
Construction			-	-	-	3,400,000	-	3,400,000	3,400,000	-
Total Project Cost			\$100,000	\$150,000	\$180,000	\$3,400,000	-	\$3,830,000	\$3,830,000	-
Project Tasks	MEACHAM AVE BRIDGE (016-3217) REPLACEMENT	Modernization	-	-	-	-	-	-	-	-
Planning & Prelim. Engineering			100,000	170,000	-	-	-	270,000	270,000	-
Design Engineering			-	25,000	225,000	-	-	250,000	250,000	-
Construction			-	-	-	3,950,000	-	3,950,000	3,950,000	-
Total Project Cost			\$100,000	\$195,000	\$225,000	\$3,950,000	-	\$4,470,000	\$4,470,000	-
Project Tasks	MIDLOTHIAN TURNPIKE 16-B8027-00-EG	Modernization	-	-	-	-	-	-	-	-
Planning & Prelim. Engineering			30,000	-	-	-	-	30,000	30,000	-
Total Project Cost			\$30,000	-	-	-	-	\$30,000	\$30,000	-
Project Tasks	PPRP (NORTH) 2020-2023	Preservation	-	-	-	-	-	-	-	-
Construction			-	3,200,000	800,000	-	-	4,000,000	4,000,000	-
Total Project Cost			-	\$3,200,000	\$800,000	-	-	\$4,000,000	\$4,000,000	-
Project Tasks	PPRPS 2019 VARIOUS LOCATIONS	Preservation	-	-	-	-	-	-	-	-
Construction			3,040,000	760,000	-	-	-	3,800,000	3,800,000	-
Total Project Cost			\$3,040,000	\$760,000	-	-	-	\$3,800,000	\$3,800,000	-

COOK COUNTY DEPARTMENT OF TRANSPORTATION AND HIGHWAYS FY2019 TO FY2023 PROGRAM

	Project Name	Primary Work Type	FY2019	FY2020	FY2021	FY2022	FY2023	Est. Total Cost	County Funding	Outside Funding
Project Tasks	PPRP(SOUTH) 2020-2023	Preservation	-	-	-	-	-	-	-	-
Construction			-	3,200,000	800,000	-	-	4,000,000	4,000,000	-
Total Project Cost			-	\$3,200,000	\$800,000	-	-	\$4,000,000	\$4,000,000	-
Project Tasks	PRELIM ENG 18-6PESV-00-ES	Modernization	-	-	-	-	-	-	-	-
Planning & Prelim. Engineering			300,000	500,000	500,000	200,000	-	1,500,000	1,500,000	-
Total Project Cost			\$300,000	\$500,000	\$500,000	\$200,000	-	\$1,500,000	\$1,500,000	-
Project Tasks	PRELIM ENG 18-6PESV-01-ES	Modernization	-	-	-	-	-	-	-	-
Planning & Prelim. Engineering			300,000	500,000	500,000	200,000	-	1,500,000	1,500,000	-
Total Project Cost			\$300,000	\$500,000	\$500,000	\$200,000	-	\$1,500,000	\$1,500,000	-
Project Tasks	PRELIM ENG 18-6PESV-02-ES	Modernization	-	-	-	-	-	-	-	-
Planning & Prelim. Engineering			300,000	500,000	500,000	200,000	-	1,500,000	1,500,000	-
Total Project Cost			\$300,000	\$500,000	\$500,000	\$200,000	-	\$1,500,000	\$1,500,000	-
Project Tasks	QUENTIN RD 00-V6246-09-RP	Modernization	-	-	-	-	-	-	-	-
Design Engineering			-	200,000	1,200,000	1,000,000	-	2,400,000	2,400,000	-
Right-of-Way			-	-	1,000,000	-	-	1,000,000	1,000,000	-
Construction			-	-	-	10,000,000	19,180,000	29,180,000	25,500,000	3,680,000
Total Project Cost			-	\$200,000	\$2,200,000	\$11,000,000	\$19,180,000	\$32,580,000	\$28,900,000	\$3,680,000
Project Tasks	RIDGELAND @ 143RD ST (HSIP)	Modernization	-	-	-	-	-	-	-	-
Planning & Prelim. Engineering			80,000	-	-	-	-	80,000	80,000	-
Design Engineering			-	100,000	-	-	-	100,000	100,000	-
Construction			-	-	915,600	-	-	915,600	91,560	824,040
Total Project Cost			\$80,000	\$100,000	\$915,600	-	-	\$1,095,600	\$271,560	\$824,040
Project Tasks	ROBERTS RD - 108TH ST TO 86TH ST	Preservation	-	-	-	-	-	-	-	-
Construction			-	4,320,000	1,214,340	-	-	5,534,340	5,534,340	-
Total Project Cost			-	\$4,320,000	\$1,214,340	-	-	\$5,534,340	\$5,534,340	-
Project Tasks	ROBERTS RD @ 111TH ST	Modernization	-	-	-	-	-	-	-	-
Planning & Prelim. Engineering			12,000	-	-	-	-	12,000	12,000	-
Design Engineering			-	24,000	-	-	-	24,000	24,000	-
Construction			-	-	-	280,000	-	280,000	280,000	-
Total Project Cost			\$12,000	\$24,000	-	\$280,000	-	\$316,000	\$316,000	-
Project Tasks	SAUK TRAIL WESTERN AVE TO ASHLAND AVE	Modernization	-	-	-	-	-	-	-	-
Construction			-	-	-	7,600,000	1,900,000	9,500,000	9,500,000	-
Total Project Cost			-	-	-	\$7,600,000	\$1,900,000	\$9,500,000	\$9,500,000	-
Project Tasks	TRAFFIC ENGINEERING SERVICES	Modernization	-	-	-	-	-	-	-	-
Planning & Prelim. Engineering			400,000	400,000	400,000	400,000	400,000	2,000,000	2,000,000	-
Total Project Cost			\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$2,000,000	\$2,000,000	-
Project Tasks	TRAFFIC SIGNAL ENGINEERING SERVICES	Modernization	-	-	-	-	-	-	-	-
Design Engineering			-	50,000	200,000	200,000	100,000	550,000	550,000	-
Total Project Cost			-	\$50,000	\$200,000	\$200,000	\$100,000	\$550,000	\$550,000	-
Project Tasks	WEST LAKE: WOLF TO LANDWEHR	Preservation	-	-	-	-	-	-	-	-
Construction			3,680,000	920,000	-	-	-	4,600,000	4,600,000	-
Total Project Cost			\$3,680,000	\$920,000	-	-	-	\$4,600,000	\$4,600,000	-
Project Tasks	WILLOW RD OVER HILLCREST AVE	Modernization	-	-	-	-	-	-	-	-
Construction			-	725,000	-	-	-	725,000	725,000	-
Total Project Cost			-	\$725,000	-	-	-	\$725,000	\$725,000	-
Project Tasks	NERGE AT PLUM GROVE (HSIP)	Modernization	-	-	-	-	-	-	-	-
Planning & Prelim. Engineering			80,000	-	-	-	-	80,000	80,000	-
Design Engineering			-	100,000	-	-	-	100,000	100,000	-
Construction			-	-	818,340	-	-	818,340	177,900	640,440
Total Project Cost			\$80,000	\$100,000	\$818,340	-	-	\$998,340	\$357,900	\$640,440
Total - Projects			\$84,885,929	\$86,355,044	\$85,764,012	\$112,634,128	\$43,750,000	\$413,389,113	\$311,246,897	\$102,142,216

COOK COUNTY DEPARTMENT OF TRANSPORTATION AND HIGHWAYS FY2019 TO FY2023 PROGRAM

Cook County Department of Transportation and Highways Non-Capitalizable Projects

	Project Name	Primary Work Type	FY2019	FY2020	FY2021	FY2022	FY2023	Est. Total Cost	County Funding	Outside Funding
Project Tasks	131ST ST 15-13129-01-FP	Modernization	-	-	-	-	-	-	-	-
Maintenance			300,000	-	-	-	-	300,000	150,000	150,000
Total Project Cost			\$300,000	-	-	-	-	\$300,000	\$150,000	\$150,000
Project Tasks	EMIM 17-8EMIM-00-GM	Preservation	-	-	-	-	-	-	-	-
Maintenance			10,000	-	-	-	-	10,000	10,000	-
Total Project Cost			\$10,000	-	-	-	-	\$10,000	\$10,000	-
Project Tasks	LEYDEN 13-15133-90-RS	Preservation	-	-	-	-	-	-	-	-
Maintenance			59,242	-	-	-	-	59,242	59,242	-
Total Project Cost			\$59,242	-	-	-	-	\$59,242	\$59,242	-
Project Tasks	KEDZIE AVE 14-W4632-01-EG	Modernization	-	-	-	-	-	-	-	-
Maintenance			100,000	-	-	-	-	100,000	100,000	-
Total Project Cost			\$100,000	-	-	-	-	\$100,000	\$100,000	-
Project Tasks	R-B TRAIL 16-BICYC-00-BT	Expansion	-	-	-	-	-	-	-	-
Maintenance			50,000	-	-	-	-	50,000	50,000	-
Total Project Cost			\$50,000	-	-	-	-	\$50,000	\$50,000	-
Project Tasks	TOUHY AVE 13-A8730-02-SW	Modernization	-	-	-	-	-	-	-	-
Maintenance			192,000	-	-	-	-	192,000	192,000	-
Total Project Cost			\$192,000	-	-	-	-	\$192,000	\$192,000	-
Project Tasks	TOUHY AVENUE 15-34117-01-RP	Expansion	-	-	-	-	-	-	-	-
Maintenance			27,239,474	19,683,625	22,745,525	809,112	-	70,477,736	12,626,934	57,850,802
Total Project Cost			\$27,239,474	\$19,683,625	\$22,745,525	\$809,112	-	\$70,477,736	\$12,626,934	\$57,850,802
Project Tasks	LAGRANGE-26TH 17-REHAB-01-PV	Preservation	-	-	-	-	-	-	-	-
Maintenance			175,000	-	-	-	-	175,000	175,000	-
Total Project Cost			\$175,000	-	-	-	-	\$175,000	\$175,000	-
Project Tasks	CDOT - 18-REHAB-00-PV	Preservation	-	-	-	-	-	-	-	-
Maintenance			5,600,000	5,400,000	1,100,000	-	-	12,100,000	12,100,000	-
Total Project Cost			\$5,600,000	\$5,400,000	\$1,100,000	-	-	\$12,100,000	\$12,100,000	-
Project Tasks	CHICAGO HEIGHTS 16-REHAB-02-PV	Preservation	-	-	-	-	-	-	-	-
Maintenance			650,000	-	-	-	-	650,000	650,000	-
Total Project Cost			\$650,000	-	-	-	-	\$650,000	\$650,000	-
Project Tasks	156TH ST 14-15632-01-FP	Modernization	-	-	-	-	-	-	-	-
Maintenance			167,565	-	-	-	-	167,565	-	167,565
Total Project Cost			\$167,565	-	-	-	-	\$167,565	-	\$167,565
Project Tasks	134TH ST 16-13433-00-RP	Modernization	-	-	-	-	-	-	-	-
Maintenance			64,162	226,076	-	3,119,338	-	3,409,576	-	3,409,576
Total Project Cost			\$64,162	\$226,076	-	\$3,119,338	-	\$3,409,576	-	\$3,409,576
Project Tasks	EMIM 18-8EMIM-00-GM	Preservation	-	-	-	-	-	-	-	-
Maintenance			450,277	-	-	-	-	450,277	450,277	-
Total Project Cost			\$450,277	-	-	-	-	\$450,277	\$450,277	-
Project Tasks	SPAM 17-8SPAM-00-GM	Preservation	-	-	-	-	-	-	-	-
Maintenance			18,000	-	-	-	-	18,000	18,000	-
Total Project Cost			\$18,000	-	-	-	-	\$18,000	\$18,000	-
Project Tasks	CENTRAL RD 16-A6110-00-RP	Expansion	-	-	-	-	-	-	-	-
Maintenance			535,792	-	-	-	-	535,792	427,211	108,581
Total Project Cost			\$535,792	-	-	-	-	\$535,792	\$427,211	\$108,581
Project Tasks	IIC - HALSTED 17-IICTR-04-ES	Modernization	-	-	-	-	-	-	-	-
Planning & Prelim. Engineering			200,000	300,000	-	-	-	500,000	500,000	-
Total Project Cost			\$200,000	\$300,000	-	-	-	\$500,000	\$500,000	-
Project Tasks	IIC - METRA 17-IICTR-03-EG	Modernization	-	-	-	-	-	-	-	-
Maintenance			100,000	-	-	-	-	100,000	100,000	-
Total Project Cost			\$100,000	-	-	-	-	\$100,000	\$100,000	-
Project Tasks	IIC - ARMITAGE 17-ICFB-00-PV	Modernization	-	-	-	-	-	-	-	-
Maintenance			121,800	-	-	-	-	121,800	121,800	-
Total Project Cost			\$121,800	-	-	-	-	\$121,800	\$121,800	-
Project Tasks	IIC - WASHGTON 17-ICRB-02-ES	Preservation	-	-	-	-	-	-	-	-
Maintenance			58,900	-	-	-	-	58,900	58,900	-
Total Project Cost			\$58,900	-	-	-	-	\$58,900	\$58,900	-
Project Tasks	IIC - CICERO 17-IICRD-00-PV	Modernization	-	-	-	-	-	-	-	-
Maintenance			93,800	-	-	-	-	93,800	93,800	-
Total Project Cost			\$93,800	-	-	-	-	\$93,800	\$93,800	-
Project Tasks	IIC - BUTLER DR 17-ICFR-03-PV	Preservation	-	-	-	-	-	-	-	-
Maintenance			450,000	150,000	300,000	300,000	2,614,463	3,814,463	300,000	3,514,463
Total Project Cost			\$450,000	\$150,000	\$300,000	\$300,000	\$2,614,463	\$3,814,463	\$300,000	\$3,514,463
Project Tasks	IIC - SVT 17-IICBP-02-BT	Expansion	-	-	-	-	-	-	-	-
Maintenance			98,000	-	-	-	-	98,000	98,000	-
Total Project Cost			\$98,000	-	-	-	-	\$98,000	\$98,000	-
Project Tasks	IIC - FRANKLIN 17-IICFR-02-PV	Modernization	-	-	-	-	-	-	-	-
Maintenance			145,000	145,000	270,000	270,000	170,000	1,000,000	1,000,000	-
Total Project Cost			\$145,000	\$145,000	\$270,000	\$270,000	\$170,000	\$1,000,000	\$1,000,000	-
Project Tasks	IIC - DPRT 17-ICBP-01-BT	Modernization	-	-	-	-	-	-	-	-
Planning & Prelim. Engineering			66,000	-	-	-	-	66,000	66,000	-
Total Project Cost			\$66,000	-	-	-	-	\$66,000	\$66,000	-
Project Tasks	IIC - 135TH ST 17-ICRB-01-PV	Modernization	-	-	-	-	-	-	-	-
Maintenance			15,000	-	-	-	-	15,000	15,000	-
Total Project Cost			\$15,000	-	-	-	-	\$15,000	\$15,000	-
Project Tasks	IIC - CTA BLUE 17-IICTR-02-ES	Modernization	-	-	-	-	-	-	-	-
Planning & Prelim. Engineering			145,000	-	-	-	-	145,000	145,000	-
Total Project Cost			\$145,000	-	-	-	-	\$145,000	\$145,000	-
Project Tasks	IIC - DIVISION 17-ICFR-01-PV	Modernization	-	-	-	-	-	-	-	-
Maintenance			160,000	40,000	-	-	-	200,000	100,000	100,000
Total Project Cost			\$160,000	\$40,000	-	-	-	\$200,000	\$100,000	\$100,000
Project Tasks	IIC - RIDGELAND 17-IICTR-01-RP	Modernization	-	-	-	-	-	-	-	-
Maintenance			178,250	-	-	-	-	178,250	178,250	-
Total Project Cost			\$178,250	-	-	-	-	\$178,250	\$178,250	-
Project Tasks	IIC - CDOT HCC 17-ICRB-00-PV	Modernization	-	-	-	-	-	-	-	-
Maintenance			880,180	-	-	-	-	880,180	880,180	-
Total Project Cost			\$880,180	-	-	-	-	\$880,180	\$880,180	-

COOK COUNTY DEPARTMENT OF TRANSPORTATION AND HIGHWAYS FY2019 TO FY2023 PROGRAM

	Project Name	Primary Work Type	FY2019	FY2020	FY2021	FY2022	FY2023	Est. Total Cost	County Funding	Outside Funding
Project Tasks	IIC - PROV-WOLF 17-ICFR-00-PV	Modernization	-	-	-	-	-	-	-	-
Maintenance			122,300	-	-	-	-	122,300	122,300	-
Total Project Cost			\$122,300	-	-	-	-	\$122,300	\$122,300	-
Project Tasks	IIC - ARCHER 17-ICFB-01-PV	Modernization	-	-	-	-	-	-	-	-
Maintenance			48,500	-	-	-	-	48,500	48,500	-
Total Project Cost			\$48,500	-	-	-	-	\$48,500	\$48,500	-
Project Tasks	IIC - UNION AV 17-ICBP-09-SW	Expansion	-	-	-	-	-	-	-	-
Maintenance			58,500	-	-	-	-	58,500	58,500	-
Total Project Cost			\$58,500	-	-	-	-	\$58,500	\$58,500	-
Project Tasks	IIC - RR STUDY 17-ICFC-00-ES	Modernization	-	-	-	-	-	-	-	-
Planning & Prelim Engineering			60,000	-	-	-	-	60,000	60,000	-
Total Project Cost			\$60,000	-	-	-	-	\$60,000	\$60,000	-
Project Tasks	IIC -BARRINGTON 17-ICBP-08-BT	Preservation	-	-	-	-	-	-	-	-
Maintenance			76,000	-	-	-	-	76,000	76,000	-
Total Project Cost			\$76,000	-	-	-	-	\$76,000	\$76,000	-
Project Tasks	IIC - WOODFIELD 17-ICRD-03-TL	Modernization	-	-	-	-	-	-	-	-
Maintenance			13,000	-	-	-	-	13,000	13,000	-
Total Project Cost			\$13,000	-	-	-	-	\$13,000	\$13,000	-
Project Tasks	IIC - 223RD ST 17-ICRD-02-PV	Preservation	-	-	-	-	-	-	-	-
Maintenance			49,470	-	-	-	-	49,470	49,470	-
Total Project Cost			\$49,470	-	-	-	-	\$49,470	\$49,470	-
Project Tasks	IIC - 135TH ST 17-ICRD-01-PV	Preservation	-	-	-	-	-	-	-	-
Maintenance			90,000	-	-	-	-	90,000	90,000	-
Total Project Cost			\$90,000	-	-	-	-	\$90,000	\$90,000	-
Project Tasks	IIC - POPLAR AV 17-ICBP-06-BT	Modernization	-	-	-	-	-	-	-	-
Maintenance			45,000	-	-	-	-	45,000	45,000	-
Total Project Cost			\$45,000	-	-	-	-	\$45,000	\$45,000	-
Project Tasks	IIC - WOLF RD 17-ICBP-05-SW	Expansion	-	-	-	-	-	-	-	-
Maintenance			75,000	-	-	80,000	-	155,000	155,000	-
Total Project Cost			\$75,000	-	-	\$80,000	-	\$155,000	\$155,000	-
Project Tasks	IIC - BEDFORD 17-ICTR-00-ES	Modernization	-	-	-	-	-	-	-	-
Planning & Prelim Engineering			127,500	-	-	-	-	127,500	127,500	-
Total Project Cost			\$127,500	-	-	-	-	\$127,500	\$127,500	-
Project Tasks	WORTH TWP 17-REHAB-02-PV	Preservation	-	-	-	-	-	-	-	-
Maintenance			428,535	-	-	-	-	428,535	428,535	-
Total Project Cost			\$428,535	-	-	-	-	\$428,535	\$428,535	-
Project Tasks	IIC - DPRT 17-ICBP-07-BT	Modernization	-	-	-	-	-	-	-	-
Maintenance			200,850	-	-	-	-	200,850	200,850	-
Total Project Cost			\$200,850	-	-	-	-	\$200,850	\$200,850	-
Project Tasks	AGGREGATE MAT 18-STONE-00-GM	Preservation	-	-	-	-	-	-	-	-
Maintenance			150,000	150,000	100,000	100,000	100,000	600,000	600,000	-
Total Project Cost			\$150,000	\$150,000	\$100,000	\$100,000	\$100,000	\$600,000	\$600,000	-
Project Tasks	BITUM COLD N 18-CBITN-00-GM	Preservation	-	-	-	-	-	-	-	-
Maintenance			100,000	100,000	125,000	125,000	125,000	575,000	575,000	-
Total Project Cost			\$100,000	\$100,000	\$125,000	\$125,000	\$125,000	\$575,000	\$575,000	-
Project Tasks	BITUM COLD S 18-CBITS-00-GM	Preservation	-	-	-	-	-	-	-	-
Maintenance			100,000	125,000	125,000	125,000	125,000	600,000	600,000	-
Total Project Cost			\$100,000	\$125,000	\$125,000	\$125,000	\$125,000	\$600,000	\$600,000	-
Project Tasks	BITUM HOT N 18-HBITN-00-GM	Preservation	-	-	-	-	-	-	-	-
Maintenance			200,000	200,000	200,000	200,000	200,000	1,000,000	1,000,000	-
Total Project Cost			\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000	\$1,000,000	-
Project Tasks	BITUM HOT S1 18-HBITS-00-GM	Preservation	-	-	-	-	-	-	-	-
Maintenance			100,000	100,000	100,000	100,000	100,000	500,000	500,000	-
Total Project Cost			\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000	\$500,000	-
Project Tasks	BITUM HOT S2 18-HBITS-00-GM	Preservation	-	-	-	-	-	-	-	-
Maintenance			100,000	100,000	100,000	100,000	100,000	500,000	500,000	-
Total Project Cost			\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000	\$500,000	-
Project Tasks	CRACK FILL 18-SCFMA-00-GM	Preservation	-	-	-	-	-	-	-	-
Maintenance			50,000	50,000	50,000	50,000	50,000	250,000	250,000	-
Total Project Cost			\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000	\$250,000	-
Project Tasks	GUARDRAIL 18-GBTBT-00-GM	Preservation	-	-	-	-	-	-	-	-
Maintenance			165,000	150,000	150,000	150,000	150,000	765,000	765,000	-
Total Project Cost			\$165,000	\$150,000	\$150,000	\$150,000	\$150,000	\$765,000	\$765,000	-
Project Tasks	SPOILS REM 18-SPRS-00-GM	Preservation	-	-	-	-	-	-	-	-
Maintenance			200,000	200,000	200,000	200,000	200,000	1,000,000	1,000,000	-
Total Project Cost			\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000	\$1,000,000	-
Project Tasks	HERBICIDE N 18-HERBN-00-GM	Preservation	-	-	-	-	-	-	-	-
Maintenance			150,000	150,000	150,000	150,000	150,000	750,000	750,000	-
Total Project Cost			\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$750,000	\$750,000	-
Project Tasks	HERBICIDE S 18-HERBS-00-GM	Preservation	-	-	-	-	-	-	-	-
Maintenance			150,000	150,000	150,000	150,000	150,000	750,000	750,000	-
Total Project Cost			\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$750,000	\$750,000	-
Project Tasks	SALT 18-SALT-00-GM	Preservation	-	-	-	-	-	-	-	-
Maintenance			1,900,000	2,000,000	2,000,000	2,000,000	2,000,000	9,900,000	9,900,000	-
Total Project Cost			\$1,900,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$9,900,000	\$9,900,000	-
Project Tasks	TREE REMOVAL 18-8TREE-00-GM	Preservation	-	-	-	-	-	-	-	-
Maintenance			150,000	150,000	150,000	150,000	150,000	750,000	750,000	-
Total Project Cost			\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$750,000	\$750,000	-
Project Tasks	LIQ CALCIUM CHL 18-SCACH-00-GM	Preservation	-	-	-	-	-	-	-	-
Maintenance			180,000	-	-	200,000	-	380,000	380,000	-
Total Project Cost			\$180,000	-	-	\$200,000	-	\$380,000	\$380,000	-
Project Tasks	HANOVER TWP 17-09122-00-RS	Preservation	-	-	-	-	-	-	-	-
Maintenance			122,218	-	-	-	-	122,218	122,218	-
Total Project Cost			\$122,218	-	-	-	-	\$122,218	\$122,218	-
Project Tasks	FOREST PARK 18-FPSUP-00-BT	Preservation	-	-	-	-	-	-	-	-
Maintenance			100,000	-	-	-	-	100,000	100,000	-
Total Project Cost			\$100,000	-	-	-	-	\$100,000	\$100,000	-

COOK COUNTY DEPARTMENT OF TRANSPORTATION AND HIGHWAYS FY2019 TO FY2023 PROGRAM

Cook County Department of Transportation and Highways Capitalizable Projects

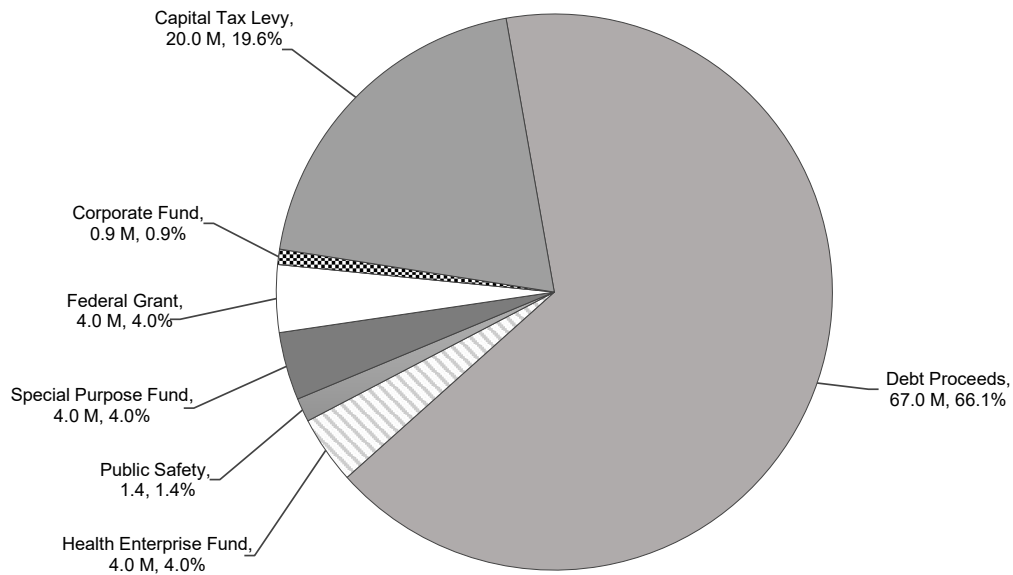
	Project Name	Primary Work Type	FY2019	FY2020	FY2021	FY2022	FY2023	Est. Total Cost	County Funding	Outside Funding
Project Tasks	25TH AVE SUP 18-25SUP-00-BT	Modernization	-	-	-	-	-	-	-	-
Maintenance			170,000	-	-	-	-	170,000	170,000	-
Total Project Cost			\$170,000	-	-	-	-	\$170,000	\$170,000	-
Project Tasks	MOWING VEG MT 18-MOWNG-00-GM	Preservation	-	-	-	-	-	-	-	-
Maintenance			250,000	250,000	250,000	250,000	250,000	1,250,000	1,250,000	-
Total Project Cost			\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,250,000	\$1,250,000	-
Project Tasks	ELGIN OHARE WAC 18-6EOWA-00-EG	Modernization	-	-	-	-	-	-	-	-
Maintenance			52,532	-	-	-	-	52,532	52,532	-
Total Project Cost			\$52,532	-	-	-	-	\$52,532	\$52,532	-
Project Tasks	LEMONT TWP 18-14138-00-RS	Preservation	-	-	-	-	-	-	-	-
Maintenance			36,173	-	-	-	-	36,173	36,173	-
Total Project Cost			\$36,173	-	-	-	-	\$36,173	\$36,173	-
Project Tasks	BELLWOOD 18-REHAB-00-PV	Preservation	-	-	-	-	-	-	-	-
Maintenance			100,000	-	-	-	-	100,000	100,000	-
Total Project Cost			\$100,000	-	-	-	-	\$100,000	\$100,000	-
Project Tasks	CONTINGENCIES	Preservation	-	-	-	-	-	-	-	-
Maintenance			100,000	-	-	-	-	100,000	100,000	-
Total Project Cost			\$100,000	-	-	-	-	\$100,000	\$100,000	-
Project Tasks	COUNTY LINE RD 16-W7331-00-RP	Expansion	-	-	-	-	-	-	-	-
Maintenance			24,974,604	6,243,628	-	-	-	31,218,232	113,363	31,104,869
Total Project Cost			\$24,974,604	\$6,243,628	-	-	-	\$31,218,232	\$113,363	\$31,104,869
Project Tasks	CREATE 75TH ST	Modernization	-	-	-	-	-	-	-	-
Maintenance			5,000,000	11,000,000	10,000,000	7,000,000	14,000,000	47,000,000	47,000,000	-
Total Project Cost			\$5,000,000	\$11,000,000	\$10,000,000	\$7,000,000	\$14,000,000	\$47,000,000	\$47,000,000	-
Project Tasks	DEBT SERVICE	Modernization	-	-	-	-	-	-	-	-
Maintenance			6,253,763	6,253,563	6,254,525	6,253,275	6,251,650	31,266,775	31,266,775	-
Total Project Cost			\$6,253,763	\$6,253,563	\$6,254,525	\$6,253,275	\$6,251,650	\$31,266,775	\$31,266,775	-
Project Tasks	DUPAGE-COOK TRAVEL DEMAND ASSESSMENT	Expansion	-	-	-	-	-	-	-	-
Maintenance			82,257	-	-	-	-	82,257	82,257	-
Total Project Cost			\$82,257	-	-	-	-	\$82,257	\$82,257	-
Project Tasks	EMIM 2019-2023	Preservation	-	-	-	-	-	-	-	-
Maintenance			2,900,000	2,900,000	2,900,000	2,900,000	2,900,000	14,500,000	11,000,000	3,500,000
Total Project Cost			\$2,900,000	\$2,900,000	\$2,900,000	\$2,900,000	\$2,900,000	\$14,500,000	\$11,000,000	\$3,500,000
Project Tasks	INVEST IN COOK PROGRAM	Modernization	-	-	-	-	-	-	-	-
Planning & Prelim. Engineering			550,000	1,000,000	1,000,000	1,000,000	1,000,000	4,550,000	4,550,000	-
Maintenance			5,100,000	8,000,000	8,000,000	8,000,000	8,000,000	37,100,000	37,100,000	-
Total Project Cost			\$5,650,000	\$9,000,000	\$9,000,000	\$9,000,000	\$9,000,000	\$41,650,000	\$41,650,000	-
Project Tasks	LAKE COOK ROAD BMP MONITORING AND MAINTENANCE	Preservation	-	-	-	-	-	-	-	-
Maintenance			-	-	15,000	15,000	15,000	45,000	45,000	-
Total Project Cost			-	-	\$15,000	\$15,000	\$15,000	\$45,000	\$45,000	-
Project Tasks	LEE RD	Preservation	-	-	-	-	-	-	-	-
Maintenance			150,000	-	-	-	-	150,000	150,000	-
Total Project Cost			\$150,000	-	-	-	-	\$150,000	\$150,000	-
Project Tasks	PAVEMENT MARKINGS	Preservation	-	-	-	-	-	-	-	-
Maintenance			2,375,000	2,375,000	2,375,000	2,375,000	2,375,000	11,875,000	11,875,000	-
Total Project Cost			\$2,375,000	\$2,375,000	\$2,375,000	\$2,375,000	\$2,375,000	\$11,875,000	\$11,875,000	-
Project Tasks	CTA TRANSFER	Modernization	-	-	-	-	-	-	-	-
Maintenance			2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,000,000	10,000,000	-
Total Project Cost			\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$10,000,000	\$10,000,000	-
Project Tasks	ROSEMONT TRANSIT CENTER	Expansion	-	-	-	-	-	-	-	-
Planning & Prelim. Engineering			250,000	-	-	-	-	250,000	250,000	-
Total Project Cost			\$250,000	-	-	-	-	\$250,000	\$250,000	-
Project Tasks	TOWNSHIP	Preservation	-	-	-	-	-	-	-	-
Maintenance			2,907,625	-	-	-	-	2,907,625	2,907,625	-
Total Project Cost			\$2,907,625	-	-	-	-	\$2,907,625	\$2,907,625	-
Project Tasks	SIGNAGE 19-8SIGN-00-GM	Preservation	-	-	-	-	-	-	-	-
Maintenance			300,000	300,000	310,000	310,000	320,000	1,540,000	1,540,000	-
Total Project Cost			\$300,000	\$300,000	\$310,000	\$310,000	\$320,000	\$1,540,000	\$1,540,000	-
Project Tasks	SOUTHWEST COOK TRUCKING STUDY	Modernization	-	-	-	-	-	-	-	-
Planning & Prelim. Engineering			35,000	140,000	105,000	-	-	280,000	56,000	224,000
Total Project Cost			\$35,000	\$140,000	\$105,000	-	-	\$280,000	\$56,000	\$224,000
Project Tasks	TRANSIT PLAN	Modernization	-	-	-	-	-	-	-	-
Planning & Prelim. Engineering			450,000	300,000	50,000	-	-	800,000	160,000	640,000
Total Project Cost			\$450,000	\$300,000	\$50,000	-	-	\$800,000	\$160,000	\$640,000
Project Tasks	TRI-STATE INTERCHANGE ACCESS STUDY	Expansion	-	-	-	-	-	-	-	-
Maintenance			50,000	-	-	-	-	50,000	50,000	-
Total Project Cost			\$50,000	-	-	-	-	\$50,000	\$50,000	-
Total - Projects			\$97,722,268	\$70,331,892	\$61,275,050	\$38,481,725	\$43,496,113	\$311,307,048	\$210,537,192	\$100,769,856
Grand Total:			FY2019	FY2020	FY2021	FY2022	FY2023	Est. Total Cost	County Funding	Outside Funding
			\$182,608,197	\$156,686,936	\$147,039,062	\$151,115,853	\$87,246,113	\$724,696,161	\$521,784,089	\$202,912,072



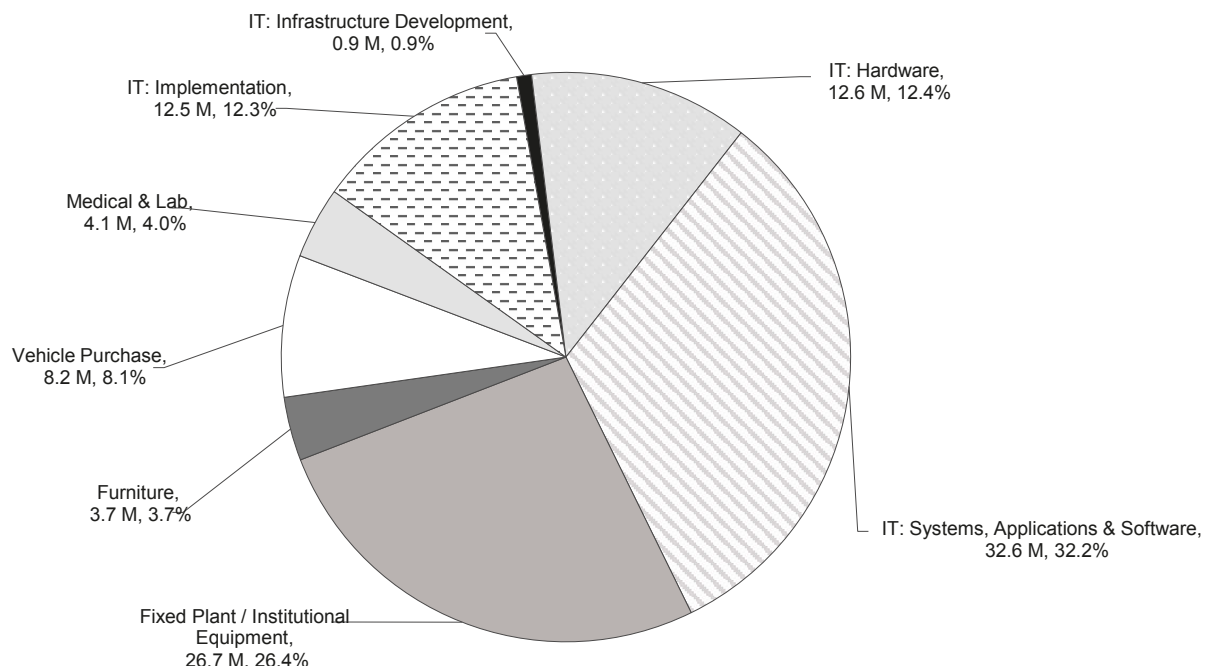
CAPITAL EQUIPMENT OVERVIEW

Cook County's capital equipment acquisition strategy is a two-pronged approach that is meant to improve customer service and contribute to taxpayer savings. These goals are achieved by: updating aging technologies, replacing existing infrastructure, refreshing outdated computer systems to increase efficiencies, purchasing vehicles with modern safety standards, and making cost-conscious purchases on various discrete equipment, like technology hardware and software, furniture, institutional equipment, etc. The County's Capital Equipment Program (CEP) provides for long-term investments in major countywide systems and ensures that the essential tools for day-to-day operations are adequate and operational.

FY2019 Capital Equipment Funding Sources
\$101.3 million



FY2019 Adopted Capital Equipment
\$101.3 million



APPROPRIATION

All Cook County departments were required to identify specific capital equipment needs for FY2019. The capital equipment requests submitted by departments initially totaled \$200.9 million for FY2019. Following the completion of a County capital equipment review process designed to judiciously determine priorities and projects, the capital equipment appropriation for funding was reduced from \$200.9 million to \$101.3 million or 50.4%. Of the FY2019 capital equipment appropriation, a total of \$58.6 million or 57.9% is devoted to information technology, with the remaining \$42.7 million or 42.1% composed of vehicle purchases, fixed plant assets, institutional equipment, furniture and medical lab equipment.

REVIEW PROCESS

Each year, as part of the annual budget process, Cook County departments provide DBMS with cost estimates, project details, and an explanation of how capital equipment investments have the potential to improve services/yield value to taxpayers. In an effort to improve oversight and reduce waste; capital equipment requests undergo an extensive review process. This ensures the appropriated projects or items are indeed necessary, produce operational savings, or improve services to County residents and employees. The Department of Budget and Management Services (DBMS) reviews requests in partnership with the Bureau of Technology (BOT), the Chief Administrative Officer, the Department of Capital Planning and Policy, and the Department of Facilities Management to prioritize limited resources and ensure compatibility with the County's long-term strategic plan and vision.

During FY2018, all County departments were required to submit an annual capital equipment inventory which included a replacement cycle for all assets under their control. The departments were also required to provide a business case to justify the FY2019 capital equipment request and a review of alternative financing to acquiring the item. A separate analysis was performed for vehicle requests to determine if vehicles are being utilized as intended by the County's fleet vehicle policy and to ensure that additional or replacement vehicles are required due to safety reasons or useful life parameters. The departments requesting furniture for FY2019 were required to submit a space request form to the Space Allocation Committee to evaluate departmental needs as well as conduct site visits and interviews to confirm certain specific criteria were met. Combined these process changes further enhance the ability to provide a long-term funding plan for capital equipment in FY2019 and future years.

The appropriation to fund \$101.3 million in FY2019 resulted from this collaborative, transparent review process. The review committees identified investments that:

- Support County strategic priorities, such as: centralized vehicle management, reuse of equipment in good condition, and standardizing County computer hardware and software
- Have a useful life of at least five years
- Secure operational savings and process efficiencies to support departments' core functions
- Achieve strategic savings through Countywide contracts when possible
- Have a viable implementation plan

OVERALL CAPITAL EQUIPMENT STRATEGY

As part of President Preckwinkle's comprehensive plan for Cook County, the capital equipment appropriations have historically been driven by four key goals: fiscal responsibility, innovative leadership, transparency and accountability, and improved services. Investments in capital equipment support these goals while providing departments and employees with the tools they need to better serve all residents.

FISCAL RESPONSIBILITY

The other major IT capital equipment projects include:

- Replacing the County's timeworn financial systems with a new, fully integrated Enterprise Phone System (ERP) system will provide cost savings, management efficiencies, and ensure accurate data.
- Upgrading the County's GIS systems will continue to allow the County to maintain property tax information and ensure collection of a critical revenue source.
- Continuing to prioritize projects that will facilitate the countywide replacement of old phone systems like the Unified Communications (VoIP) project improves overall communications, reduces costs, ensures compliance with Federal and State laws, and provides disaster recovery with business continuity capabilities

INNOVATIVE LEADERSHIP

- A Countywide data integration project will help County agencies and public more efficient access and utilize data to make better data-driven policy decisions.
- Clerk of the Circuit Court's case management system will provide an efficient and cost effective operational system that will increase productivity while simultaneously complying with all court designated laws on technology improvement and public records.

TRANSPARENCY & ACCOUNTABILITY

- Securing the replacement of 20-year-old voter registration system and the implementation of said system will improve accuracy of voter rolls while also allowing integration with other County systems.
- Implementing a centralized solution that supports the management of the entire County citation process including: the issuance of citations, adjudication process, collection of fines, and system management at the department level.
- The addition of a new case and document management systems will eliminate redundant data entry and enhance reporting abilities for numerous departments.

IMPROVED SERVICES

- Replacement of current land record processing and transaction system with a new technically advanced solution. The Recorder of Deeds Land Management System, will enhance the County's overall efficiency and leverage economies of scale.
- Public safety and public service will be enhanced by investing in new radios, squad car wireless hotspots, and video interrogation software.
- New election equipment will allow improved voter experiences and enhance the security of the democratic process.

INVESTMENTS IN TECHNOLOGY

Historically, the County has underinvested in technology resulting in outdated systems being utilized for mission-critical operations. Consequently, with its FY2013 capital budget the County began addressing its critical need to update its systems and the related infrastructure that supports key finance, human resources, public safety, public health and property tax related functions.

The BOT and the DBMS met with departments with major information technology (IT) requests to review: computer, software, case-management system, and other IT infrastructure needs. In addition to specifically evaluating FY2019 requests, BOT and DBMS reviewers and user departments discussed spending-to-date on approved FY2017-2018 IT equipment. The initial IT requests went through the capital review process that determined which requests would best meet the County's most critical IT needs and provide the highest return on investment, resulting in the acceptance of a \$58.6 million or 57.9% proposed out of the \$101.3 million of the total capital equipment appropriated for FY2019.

The two largest IT capital equipment projects appropriated in FY2019 are the Election Equipment and Tally System for the County Clerk (\$25.0 million) and the Clerk of the Circuit Court Case Management System (\$9.1 million).

The County Clerk is the legal entity responsible for conducting elections in Cook County outside the City of Chicago in approximately 1,600 precincts on any Countywide Election Day. The Election Equipment and Tally System (EETS) is a FY2018 capital equipment project re-appropriated to FY2019. The EETS is a blended voting system that uses both optical scan ballots marked by voters using a pen, and optical scan ballots generated by a touch-screen ballot marking device, in which a voter makes selections on a touchscreen, and the device produces an optical scan ballot which is fed into a digital ballot reader. The system will provide wireless transmission of in-precinct voting results from individual precincts to a central location, as well as wire-based transmission of results from regional receiving stations to a central location. The implementation of the new EETS will improve voting accessibility, security, auditability, deliver transparency, and faster results reporting. The new system will benefit over 1.5 million registered voters in suburban Cook County and improve election administration for all stakeholders.

The Clerk of the Circuit Court's (CCC) new Case Management System (CMS) will improve court operations and allow the CCC's customers to interact more efficiently with the office. The new system solution will replace the CCC's office legacy mainframe CMS applications for all areas of law in Cook County. It will also enhance the efficiency of court operations, increase the services offered by the court, provide the ability to create court generated documents, and facilitate document management. The CCC will be able to maintain an electronic case file that will reduce paper by consolidating all important information into a centralized location.

The other major IT capital equipment projects include:

- Integrated Property Tax System (\$5.6 million)
- Asset Management System (\$5.0 million)
- Cashiering System Upgrade (\$2.4 million)
- Enterprise Service Bus (EBS) Data Integration (\$2.3 million)
- Unified Communications (\$2.0 million)
- EBS Financials Implementation (\$2.0 million)
- Enterprise Identity Access (\$1.8 million)
- Network and Computer Equipment (\$1.6 million)

Upon the full implementation of the IT systems mentioned above, the County will be able to fundamentally transform the way it operates while providing more innovative and transparent services to its residents.

VEHICLE POLICY IMPLEMENTATION

To reduce costs and improve efficiencies, the countywide fleet continues to undergo a comprehensive internal fleet assessment. In coordination with the County's Vehicle Steering Committee (VSC), a review of all passenger and light duty vehicles resulted in the second phase of a fleet reduction effort. This assessment process examines criteria such as: vehicle utilization, odometer readings, and fleet age. All FY2019 vehicle requests were reviewed against these criteria to ensure that the County's established requirements for new or replacement vehicles were met.

Per the Cook County Vehicle Ordinance, the VSC will annually review all take-home vehicle assignments, not including Law Enforcement or Specialty Vehicles. The County will continue to move into a cost-efficient replacement cycle for passenger vehicles by establishing a replacement plan for all passenger vehicles.

In FY2019, vehicle requests were appropriated in the amount of \$8.2 million or 8.1% of the total CEP budget. The Sheriff (\$3.1 million) and Department of Transportation and Highways (\$3.7 million) are the two largest recipients of capital equipment funding for vehicles with a majority of funding designated for specialized heavy-duty vehicles.

CAPITAL EQUIPMENT FUNDING

Currently, the primary source of capital equipment funding is debt proceeds. Debt will fund \$67.0 million or 66.2% of the \$101.3 million in capital equipment appropriated in this budget. The debt funded capital includes several major IT projects, discussed in the Investments to Technology section, that are expected to transform the way the County operates. The remaining \$34.3 million or 33.8% is funded on a “Pay-As-You-Go” basis by operating funds, grant funds and special purpose funds (SPF), to reduce the reliance on debt proceeds.

The County is allocating \$26.3 million of its General fund operating revenues towards the acquisition of various discrete capital equipment like technology, hardware, and vehicles. The largest projects being funded by these revenues are planned IT hardware and software purchases by the Bureau of Technology. Additionally, \$4.0 million is allocated from the Health fund operating revenues mainly to fund medical and lab equipment for the Ambulatory & Community Health Network (ACHN) clinics.

Grant funds are also used to offset the capital needs in the amount of \$4.0 million or 3.9%. This will be used to fund IT projects for the Department of Homeland Security and Emergency Management (DHSEM). The remaining funds will go toward various other projects at the DHSEM in the form of enhancements to prevent cyber terrorism, replace metal detectors at courthouses, replace vehicles for the State’s Attorney, Bomb Unit Response Vehicles and replace radio equipment for under the Office of the Chief Judge.

Special Purpose Funds will fund \$4.0 million or 4.0% of the total capital equipment appropriation. The largest projects funded with SPF are the improvements for Geographic Information Systems (GIS) software (\$2.6 million) and the vehicle replacement for the Office of the Sheriff (\$0.8 million). By utilizing SPF, the County avoids funding these projects with long-term debt.

FY2019 CAPITAL PROJECTS BY BUREAU

	Project Title	Project Type	Request
1021-Off Of The Chief Fndl Officer	052 2018 Fixed Plant Equipm	Fixed Plant or Institutional Equipment	500,000
	234 2018 IT Equipment	IT and Telecommunications	1,500,000
Total Project Request - Debt Proceeds for 1076-Chief Financial Officer			\$2,000,000
1009-Enterprise Technology	Unified Communications	IT and Telecommunications	2,000,000
	Appl Modern (MF Migrtions)	IT and Telecommunications	750,000
	ERP Financial System	IT and Telecommunications	1,504,512
	ESB/CW Data Intergration	IT and Telecommunications	2,260,800
	GIS IPTS	IT and Telecommunications	5,614,435
	080 2018 Consolidated Disas	IT and Telecommunications	500,000
	116 Integrated Property Tax	IT and Telecommunications	480,000
	218 Enterp Identity Access	IT and Telecommunications	1,750,000
	1009_Independent Verification & Validation for CCC	IT and Telecommunications	417,350
	1009_Justice Advisory Council	IT and Telecommunications	350,000
	1009_Citation Management	IT and Telecommunications	700,000
	1009_Taleo Integration w/EBS HCM	IT and Telecommunications	350,000
	1009_Adoption Case Management System	IT and Telecommunications	650,000
	DOTH Appropriation Management System	IT and Telecommunications	725,000
	EBS Financials Implementation	IT and Telecommunications	2,000,000
Total Project Request - Debt Proceeds for 1105-Chief Information Officer			\$20,052,097
1031-Office Of Asset Management	081 Asset Management System	IT and Telecommunications	5,000,000
Total Project Request - Debt Proceeds for 1140-Chief Of Asset Management			\$5,000,000
1110-County Clerk	Cashiering Solution Upgrade	IT and Telecommunications	2,369,000
	Voter Registration System	IT and Telecommunications	500,000
	067 Election Equipment and	Fixed Plant or Institutional Equipment	25,000,000
Total Project Request - Debt Proceeds for 1352-County Clerk			\$27,869,000
1130-Recorder Of Deeds	079 Recorder of Deeds Land	IT and Telecommunications	1,091,123
Total Project Request - Debt Proceeds for 1402-Recorder Of Deeds			\$1,091,123
1217-Sheriff'S Information Technology	181 Records Management Syst	IT and Telecommunications	450,000
Total Project Request - Debt Proceeds for 1427-Sheriff			\$450,000
1250-State's Attorney	206 SAO Case Managment Syst	IT and Telecommunications	646,338
Total Project Request - Debt Proceeds for 1453-State's Attorney			\$646,338
1310-Office Of The Chief Judge	Jury Administration Case Management System	IT and Telecommunications	750,000
Total Project Request - Debt Proceeds for 1478-Chief Judge			\$750,000
1335-Clerk Of Crct Crt Off.Of Clerk	CCC Legacy Elec CMS	IT and Telecommunications	9,141,897
Total Project Request - Debt Proceeds for 1503-Clerk Of The Circuit Court			\$9,141,897
Total Project Requests Funded by Debt Proceeds for All Departments			\$67,000,455

FY2019 CAPITAL PROJECTS BY BUREAU

	Project Title	Project Type	Request
1231-Police Department	Police Interceptors - Vehicles	Vehicle Purchase	926,000
	Police Interceptors - Automotive Eqpmnt	Vehicle Purchase	176,901
	Police Interceptors - IT Eqpmnt	IT and Telecommunications	297,110
Total Project Request - Operating Funded for 1427-Sheriff			\$1,400,011
4893-AMBULATORY/COMMUNITY HLTH NTKW	ACHN Medical Surgical and Laboratory Furniture	Furniture Not Under CIP	659,200
	ACHN Medical, Surgical and Laboratory Medical Equipment	Medical and Lab Equipment	3,374,800
Total Project Request - Operating Funded for 4020-Cook County Health & Hospital System			\$4,034,000
Total Project Requests Funded by Operating Funded for All Departments			\$5,434,011

FY2019 CAPITAL PROJECTS BY BUREAU

	Project Title	Project Type	Request
1009-Enterprise Technology	GIS Orthoimagery	IT and Telecommunications	450,000
	034 GIS Oblique	IT and Telecommunications	95,000
	046 GIS Enterprise Upgrade	IT and Telecommunications	250,000
	047 GIS PINMAP Upgrade	IT and Telecommunications	750,000
	058 GIS Planimetric Develop	IT and Telecommunications	300,000
	GIS Metro Data Base Software	IT and Telecommunications	61,000
	GIS Enterprise Upgrade	IT and Telecommunications	670,000
Total Project Request - Special Purpose Fund for 1105-Chief Information Officer			\$2,576,000
1510-Animal Control Department	026 Animal Control Warden V	Vehicle Purchase	33,000
	Animal Control Vehicles with Specialized Modules	Vehicle Purchase	205,000
	Electronic Filing and Printing at Mobile Clinics	IT and Telecommunications	30,000
	Hyland OnBase Phase Two Portal System Development	IT and Telecommunications	50,000
1530-Cook County Law Library	Computer refresh	IT and Telecommunications	22,500
Total Project Request - Special Purpose Fund for 1115-Chief Administrative Officer			\$340,500
1060-County Treasurer	Computer Equipment Replacement	IT and Telecommunications	41,080
	Increase & Improve Data Storage Capacity	IT and Telecommunications	78,700
Total Project Request - Special Purpose Fund for 1301-Treasurer			\$119,780
1210-Office Of The Sheriff	High Miles Vehicle Replacement	Vehicle Purchase	750,000
Total Project Request - Special Purpose Fund for 1427-Sheriff			\$750,000
1335-Clerk Of Crct Crt Off.Of Clerk	Microfilm Reader & Printer	IT and Telecommunications	12,735
Total Project Request - Special Purpose Fund for 1503-Clerk Of The Circuit Court			\$12,735
4890-Bureau Of Health	XRF LEAD PAINT ANALYZER (11248)	Medical and Lab Equipment	200,000
Total Project Request - Special Purpose Fund for 4020-Cook County Health & Hospital System			\$200,000
Total Project Requests Funded by Special Purpose Fund for All Departments			\$3,999,015

FY2019 CAPITAL PROJECTS BY BUREAU

	Project Title	Project Type	Request
1009-Enterprise Technology	1009 Cyber Terrorist Attack Detection & Response	IT and Telecommunications	380,000
Total Project Request - Federal Grant for 1105-Chief Information Officer			\$380,000
1265-Emergency Management Agency	142 Cyber Terrorist Attack-	IT and Telecommunications	600,000
	Sheriff Police Radio Shop	IT and Telecommunications	615,800
	Medical Examiner Refrigerated Trailer for Body Storage	Medical and Lab Equipment	120,000
	FPDCC Police K-9 Police Vehcles	Vehicle Purchase	86,900
	DHSEM UCP Radio Replacement	IT and Telecommunications	204,000
	DHSEM Countywide Video Federation	IT and Telecommunications	130,000
	DHSEM Integrated Geospatial Dashboard	IT and Telecommunications	150,000
	DHSEM Vehicle Request	Vehicle Purchase	202,880
Total Project Request - Federal Grant for 1115-Chief Administrative Officer			\$2,109,580
1230-Court Services Division	X-ray and Magnetometer Replacement	Fixed Plant or Institutional Equipment	476,000
1231-Police Department	Bomb Unit Response Vehicles	Vehicle Purchase	700,000
Total Project Request - Federal Grant for 1427-Sheriff			\$1,176,000
1250-State's Attorney	SAO Investigation Vehicle	Vehicle Purchase	100,000
Total Project Request - Federal Grant for 1453-State's Attorney			\$100,000
1280-Adult Probation Dept.	Radio Equipment	IT and Telecommunications	100,000
1326-Juvenile Probation	Motorola Hand-Held Radios	IT and Telecommunications	100,000
Total Project Request - Federal Grant for 1478-Chief Judge			\$200,000
Total Project Requests Funded by Federal Grant for All Departments			\$3,965,580

FY2019 CAPITAL PROJECTS BY BUREAU

	Project Title	Project Type	Request
1490-Fixed Chrgs & Specl Purp Appr	SharePoint_1009 (191)	IT and Telecommunications	150,000
	Server Upgarde_1040	IT and Telecommunications	240,000
	Website Upgrade_1040	IT and Telecommunications	250,000
	Field Tablets_1040	IT and Telecommunications	10,000
	Storage/Backup Upgrade_1040	IT and Telecommunications	200,000
Total Project Request - Fixed Charges (DBMS Only) for 1588-Fixed Charges			\$850,000
Total Project Requests Funded by Fixed Charges (DBMS Only) for All Departments			\$850,000

FY2019 CAPITAL PROJECTS BY BUREAU

	Project Title	Project Type	Request
1020-County Comptroller	IT Refresh Equipment Request	IT and Telecommunications	38,395
1030-Chief Procurement Officer	1030_CEP_ComputerHardware Refresh	IT and Telecommunications	11,415
1021-Off Of The Chief Fncl Officer	234 2018 IT Equipment	IT and Telecommunications	199,005
	CCHHS Consolidation IT Equipment	IT and Telecommunications	92,200
	1009_Space Allocation Request IT	IT and Telecommunications	200,000
Total Project Request - Pay As You Go (DBMS only) for 1076-Chief Financial Officer			\$541,015
1009-Enterprise Technology	031 Test/Development + DMZ	IT and Telecommunications	800,000
	080 2018 Consolidated Disas	IT and Telecommunications	406,000
	188 Enterprise Archive	IT and Telecommunications	50,000
	190 Building and Zoning Enh	IT and Telecommunications	75,000
	1009_Production Environment Replacement	IT and Telecommunications	425,000
	1009_IVR Platform Migration	IT and Telecommunications	337,300
	1009_Vehicles	Vehicle Purchase	90,000
	1009_Environmental & Sustainability	IT and Telecommunications	24,000
	1009_Cable TV Equipment	IT and Telecommunications	14,000
	1009_Citation Management	IT and Telecommunications	50,000
	1009_Learning Management System Implementation	IT and Telecommunications	150,000
	1009_Collaboration /Presentation Pilot	IT and Telecommunications	115,000
	DOTH Appropriation Management System	IT and Telecommunications	25,000
	1009_Space Allocation Request	Furniture Not Under CIP	600,000
	ERP Office Reconfiguration	IT and Telecommunications	42,750
	Data Center Remediation	IT and Telecommunications	415,000
	FY19 OTP IT Refresh Equ	IT and Telecommunications	250,000
	Network & Computer Equi	IT and Telecommunications	1,550,000
	FY19 Software Bucket	IT and Telecommunications	250,000
	219 2019 SAN Expan CW Imagi	IT and Telecommunications	500,000
	ERP Office Reconfiguration Furniture	Furniture Not Under CIP	30,000
Total Project Request - Pay As You Go (DBMS only) for 1105-Chief Information Officer			\$6,199,050
1011-Office Of Chief Admin Officer	Replacement Shared Fleet Vehicles	Vehicle Purchase	26,000
	Laptops/Docking Stations and New Conference Room Monitor	IT and Telecommunications	8,100
	GPS/AVL for Passenger and Light Duty Vehicles	IT and Telecommunications	36,000
1259-Medical Examiner	055 Office Furniture	Furniture Not Under CIP	60,000
	Tissue Embedding Centers	Medical and Lab Equipment	45,000
	Autopsy Carts	Medical and Lab Equipment	35,000
	Investigations Renovation Cubicles and Chairs	Furniture Not Under CIP	60,000
1161-Department of Environment and Sustainability	Primary/Secondary Standard Equipment	Medical and Lab Equipment	23,750
	005 Particulate Matter (PM2	Medical and Lab Equipment	91,250
	007 Dilution Systems	Medical and Lab Equipment	75,000
	104 Flow Systems	Medical and Lab Equipment	7,500
	143 Air Monitoring Trailer	Fixed Plant or Institutional Equipment	262,500
	Refresh of Office Computers	IT and Telecommunications	15,285
	Field Technician Vehicle Replacement	Vehicle Purchase	30,000
	Laboratory Pool Vehicle Replacement	Vehicle Purchase	26,000
	Particulate Speciation Monitors	Medical and Lab Equipment	138,600
	Sonic Meteorological Data Translation System	Medical and Lab Equipment	14,800
1500-County Highway Department	118 DOTH - FY 2018 - New Re	Vehicle Purchase	1,560,000
	Snow Fighters	Vehicle Purchase	2,114,044
	Micro-Work Stations Type 2400	IT and Telecommunications	52,500
	Desktops - Elite Desk 800 G3	IT and Telecommunications	22,500

FY2019 CAPITAL PROJECTS BY BUREAU

	Project Title	Project Type	Request
Total Project Request - Pay As You Go (DBMS only) for 1115-Chief Administrative Officer			\$4,703,829
1160-Building & Zoning	IT refresh	IT and Telecommunications	32,400
Total Project Request - Pay As You Go (DBMS only) for 1125-Chief Of Economic Development			\$32,400
1032-Department Of Human Resources	Computer Equipment	IT and Telecommunications	24,196
	Training Room IT Upgrades	IT and Telecommunications	59,354
Total Project Request - Pay As You Go (DBMS only) for 1135-Chief Of Human Resources			\$83,550
1200-Dept. Of Facilities/Mgmt	floor scrubbers	Fixed Plant or Institutional Equipment	7,260
	Leibert Units	Fixed Plant or Institutional Equipment	95,000
	ride on burnishers	Fixed Plant or Institutional Equipment	62,000
	stand on floor scrubbers	Fixed Plant or Institutional Equipment	52,000
	Water heater system	Fixed Plant or Institutional Equipment	100,000
	Bradley and Acorn replacement valves	Fixed Plant or Institutional Equipment	32,000
	Scissor lift - 32 ft.	Fixed Plant or Institutional Equipment	17,000
	Handicap sliding doors	Fixed Plant or Institutional Equipment	40,000
	Roof top heating and cooling units	Fixed Plant or Institutional Equipment	66,260
	Replacement Vehicles	Vehicle Purchase	326,956
	Computer Replacement	IT and Telecommunications	28,480
1031-Office Of Asset Management	Laptops for BAM FY19	IT and Telecommunications	19,630
Total Project Request - Pay As You Go (DBMS only) for 1140-Chief Of Asset Management			\$846,586
1026-Administrative Hearing Board	Administrative Hearings Computer Refresh	IT and Telecommunications	16,725
Total Project Request - Pay As You Go (DBMS only) for 1150-Administrative Hearings			\$16,725
1260-Public Defender	PD Mobile Devices for Public Defender Investigators	IT and Telecommunications	14,500
	PD Presentation Equipment	IT and Telecommunications	8,700
	PD Resource Library	IT and Telecommunications	200,000
	PD Computer Refresh	IT and Telecommunications	213,250
	PD Blue Ray Players for Review of Discovery	IT and Telecommunications	5,800
	PD Various Office Furniture at Markham and Maywood	Furniture Not Under CIP	40,000
Total Project Request - Pay As You Go (DBMS only) for 1126-Public Defender			\$482,250
1040-County Assessor	CCAO Hardware Update 2019	IT and Telecommunications	113,618
Total Project Request - Pay As You Go (DBMS only) for 1251-Assessor			\$113,618
1050-Board Of Review	Board of Review DAPS Workflow	IT and Telecommunications	132,200
	DAPS IPT and Legacy Integration	IT and Telecommunications	75,000
	BOR CPU upgrade/end of life	IT and Telecommunications	50,000
Total Project Request - Pay As You Go (DBMS only) for 1276-Board Of Review			\$257,200
1110-County Clerk	068 Asset tracking software	IT and Telecommunications	30,000
Total Project Request - Pay As You Go (DBMS only) for 1352-County Clerk			\$30,000
1217-Sheriff'S Information Technology	Tableau Hardware	IT and Telecommunications	280,000
	Flexpod Storage Expansion and Infrastructure Hardware	IT and Telecommunications	214,000
1210-Office Of The Sheriff	High Miles Vehicle Replacement	Vehicle Purchase	500,000
Total Project Request - Pay As You Go (DBMS only) for 1427-Sheriff			\$994,000
1250-State's Attorney	132 New Document Imaging an	IT and Telecommunications	30,000
	206 SAO Case Managment Syst	IT and Telecommunications	378,662
	Desktop Equipment Refresh	IT and Telecommunications	125,000
	Crimes Strategies Task Force Update	IT and Telecommunications	42,563
	New Office Chairs as part of the SAO Replacement Schedule for all SAO Locations	Furniture Not Under CIP	60,000
	CCSAO New Desks, File Cabinets and Training Tables Replacement	Furniture Not Under CIP	212,800
	New Mail Machines for Courthouse	Furniture Not Under CIP	122,026
Total Project Request - Pay As You Go (DBMS only) for 1453-State's Attorney			\$971,051
1280-Adult Probation Dept.	280_Adult Probation Furnishing - Phase III	Furniture Not Under CIP	577,500

FY2019 CAPITAL PROJECTS BY BUREAU

	Project Title	Project Type	Request
	Vehicles	Vehicle Purchase	138,000
	280_Adult Probation Furnishing - Phase II	Furniture Not Under CIP	205,172
1313-Social Service	Renovation of the Social Service Department on the 9th Floor of the CCAB	Furniture Not Under CIP	500,000
1326-Juvenile Probation	Juvenile EMS(JEMS)	IT and Telecommunications	926,243
	Replacement Vehicles	Vehicle Purchase	133,500
1440-Juvenile Temporary Detent.Cntr	Computer Technology Equipment	IT and Telecommunications	81,700
1310-Office Of The Chief Judge	Replacement of Counsel Chairs	Furniture Not Under CIP	55,680
	1310-Jury Assembly Room Furnishings	Furniture Not Under CIP	41,760
	Replacement of Office of Furnishings	Furniture Not Under CIP	91,010
	Computer Technology Equipment Refresh	IT and Telecommunications	472,500
	Replacement Courtroom Chairs	Furniture Not Under CIP	154,170
	Replacement Jury Box Chairs	Furniture Not Under CIP	50,350
	Central Bond Court Office - Furniture	Furniture Not Under CIP	47,000
Total Project Request - Pay As You Go (DBMS only) for 1478-Chief Judge			\$3,474,585
1335-Clerk Of Crct Crt Off.Of Clerk	CCC Legacy Elec CMS	IT and Telecommunications	821,141
	SUV Vehicle for Public Information Department	Vehicle Purchase	35,000
	Kiosk Deployment Project	IT and Telecommunications	200,000
	Digital Signage	IT and Telecommunications	100,000
	Furniture for Maywood Courthouse - Clerk of the Circuit Courts	Furniture Not Under CIP	98,000
Total Project Request - Pay As You Go (DBMS only) for 1503-Clerk Of The Circuit Court			\$1,254,141
Total Project Requests Funded by Pay As You Go (DBMS only) for All Departments			\$20,000,000

Grand Total: \$101,249,061

