

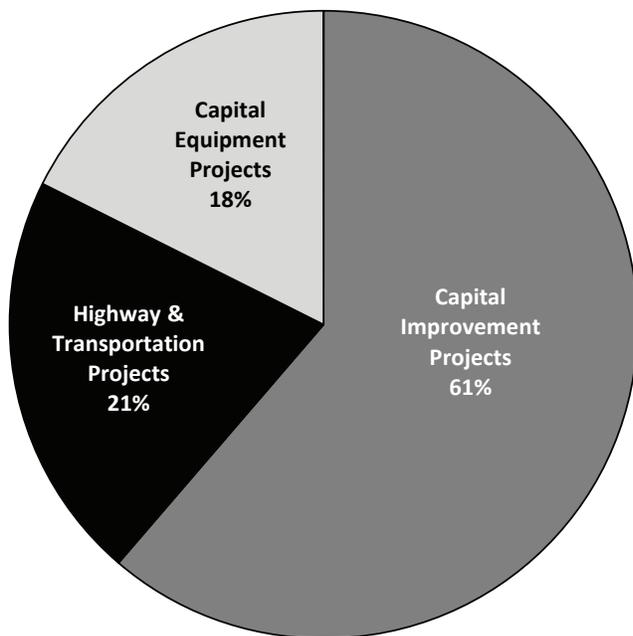
## OVERVIEW OF CAPITAL BUDGET

Each year as part of the annual budget process the County reassesses its capital programming needs in regards to capital improvements for facilities, capital equipment purchases and highway and transportation planning. The County then separately determines its ability and willingness to both issue new taxpayer-funded debt for capital expenditures and fund less expensive and/or shorter duration capital projects through the operating budget as pay-as-you-go financing. The determination of funding levels and funding types are made as part of the Capital Budget and is reevaluated annually in light of legacy debt obligations, operating budget priorities and debt service costs. Once a prudent level of debt and operating financing is identified, the funding is matched to the projects and equipment that are necessary to address critical needs as determined by the capital renewal and deferred maintenance assessment. The available funding for that fiscal year determines the capital budget funding. The appropriation of the capital budget is part of the annual budget process.

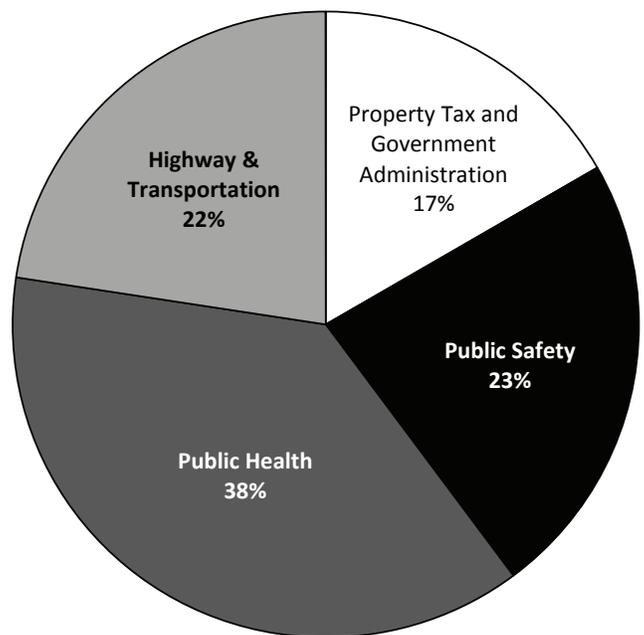
The County’s proposed FY2017 Capital Budget recommends \$475.7M in Capital Investments and includes:

\$291.6M in Capital Improvement Program (CIP) for County facilities; \$100.48 M in Highway & Transportation projects for County maintained roads; and \$83.7M in Capital Equipment needs (CE) for County departments and agencies. These amounts include all projects that are expected to be reasonably be funded in FY2017, which includes re-appropriation of projects approved in prior years that were not expended.

**Capital Investment Plan**



**Capital Investment by Function**



## 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, which 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 and strategic repair and replacement of capital assets. Programming capital assets, such as facilities, highway infrastructure and technological systems, over time can promote more strategic use of Cook County's limited financial resources and assist in the coordination of public and private development. Because the capital programming process involves mid- and long-term planning, it allows the County to go beyond basic year-to-year budgeting and planning and to maintain an effective level of service for both the present and future County residents. Capital programming that coordinates planning, financing, and infrastructure and facilities improvements is essential to meet the needs of a jurisdiction uniquely situated as the center of the Midwest.

## 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 operating budget and fiscal policy as applied to 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 such as the Department of Corrections pre-trial detainee population.

### DEMOGRAPHIC CHANGES

Changes in the number and/or locations within the County of specific age groups or other special groups, which provide an indication of requirements and costs of specific public facilities (e.g. the Health and Hospital 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-as-you-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-as-you-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 FY2017 Capital Budget, the County employed the fundamentals of both zero and performance-based budgeting in the evaluation and recommendation of projects and 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 (in future years this component will be significantly impacted by the new requirement that all County agencies provide a capital equipment inventory and replacement cycle), and long-range transportation plan
- To improve financial planning by comparing needs with resources, estimating future debt service and debt issuance to fund the plan, thus identifying future operating budget implications
- 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 among others
- To provide a concise, central source of information on all planned rehabilitation of public facilities for citizens, agencies, and other stakeholders in the County
- To ensure any unused funds from prior year appropriations are re-appropriated to new and other multiyear projects.

## **FINANCIAL AND DEBT MANAGEMENT POLICIES**

The Cook County Board-adopted financial and debt management policies provide the parameters for the amounts and timing of bond-financed projects to be included in the capital budget, ensuring that the CIP is financially sustainable and that it supports best practices in budgeting and capital programming. The FY2017 Budget Recommendation includes revisions to the County's financial and debt management policies. The County's financial policies including specific policies on debt and asset management, capital programming and capital expenditure accountability are located in the financial policies section of the budget book.

## FUNDING THE CAPITAL PROGRAMMING PROCESS

Capital funding will be made using the following criteria:

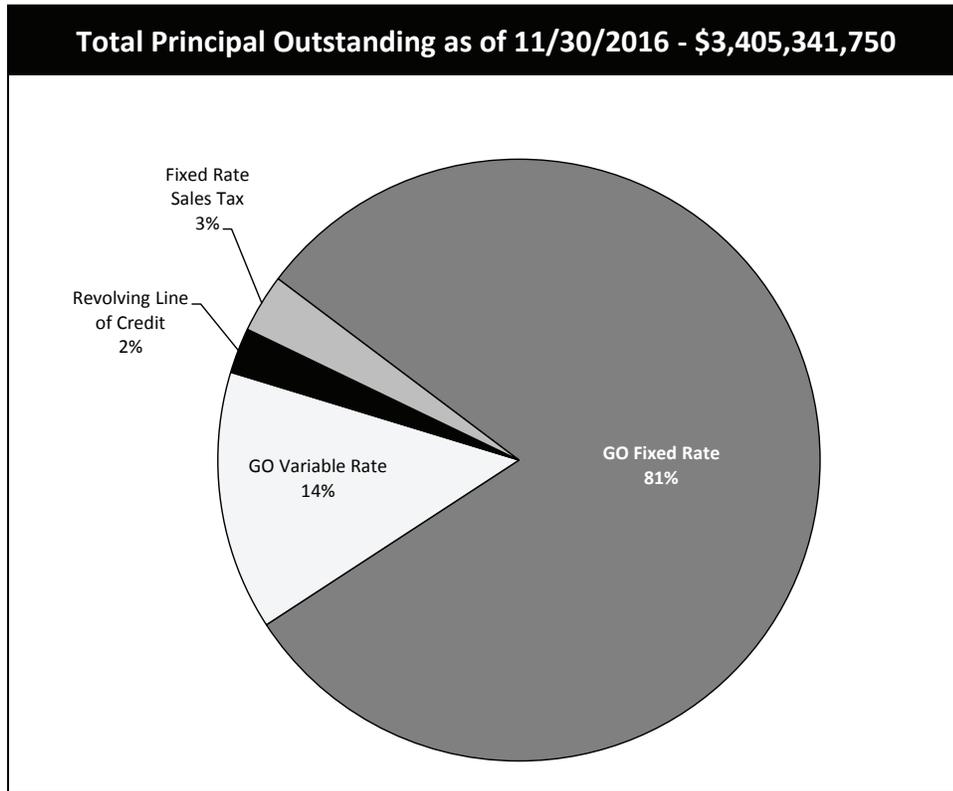
- Use of debt to finance components of the capital budget will be used only when other financing sources have been evaluated and deemed unavailable
- All equipment with a useful life of less than 5 years will be funded through pay-as-you-go means
- The County will prioritize equipment/projects costing less than \$150,000 and equipment/projects with lower useful life to be funded through pay-as-you-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-as-you means entirely, with the exception of large non-recurring multi-year initiatives to acquire entirely new depreciable technology
- The County will utilize a Capital Equipment inventory to be submitted by all County Agencies in 2017 to guide the long-term funding plan for a replacement cycle of all capital equipment Countywide
- The County will utilize the election cycle levy requirements to provide additional pay-go financial resources for the Capital Budget in odd years beginning with 2017; this will provide greater stability in the operating budget as well as 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 and maintenance of capital projects and equipment and ensure that the County's debt does not unduly burden taxpayers or pose a risk to the County's credit ratings and 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 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.

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



Underlying the administration’s focus on austerity with regards to debt issuance, the long-term General Obligation debt and self-insurance fund liabilities stood at \$3.8 billion at the close of FY 2011. At the close of FY 2016 the County is projected to have a total of slightly more than \$3.4 billion in long-term bonded debt and self-insurance fund liabilities, or a 10.7% reduction.

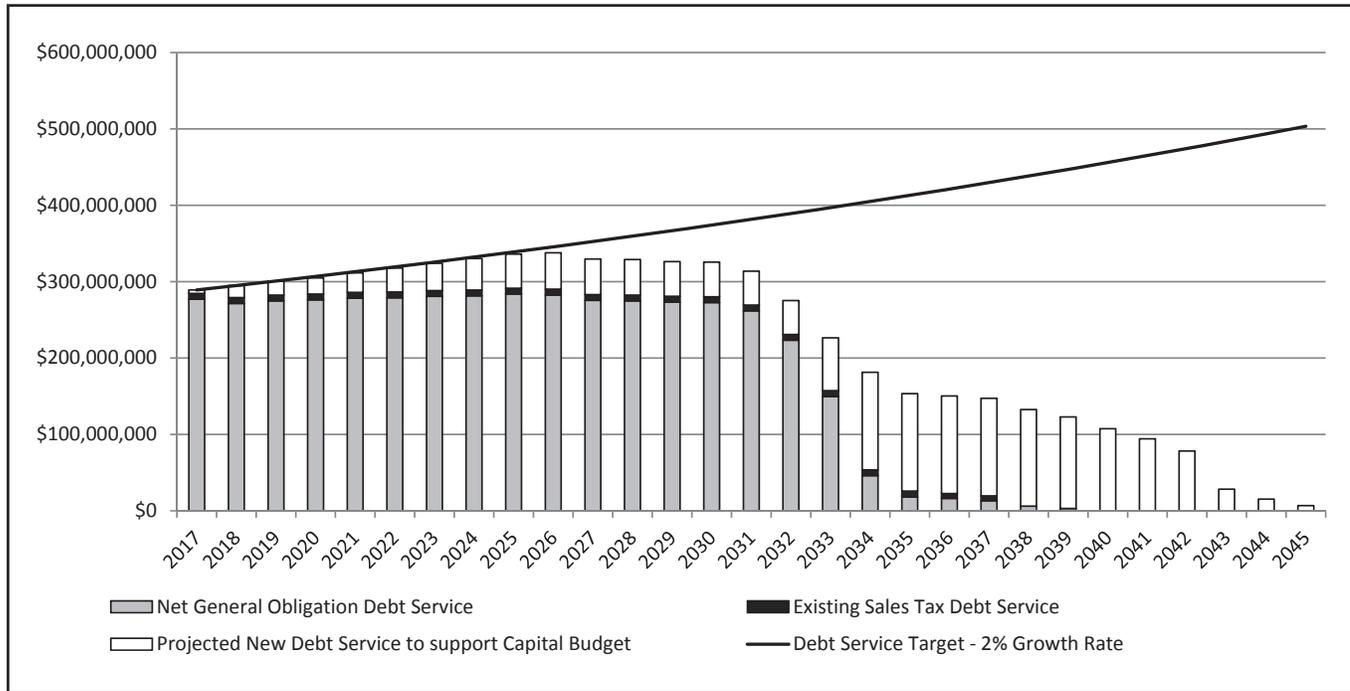
METRIC	CURRENT	MAXIMUM ALLOWED*
Direct Debt per Capita	\$650	\$1,000
Direct Debt as a percentage of Estimated Market Value of all taxable property	0.74%	1.25%
Direct Debt as a percentage of Equalized Assessed Value of all taxable property	2.57%	4.00%
Debt Service as a percentage of all operating funds	6.10%	15.00%
Variable Rate Debt as a percentage of overall debt portfolio	16.35%	25.00%

*\*Maximum values are self-imposed limitations as included in the County’s Debt Management policies within the Financial Polices section of the FY2017 Executive Budget Recommendation*

## DEBT SERVICE

The County’s Bond and Interest fund is utilized for General Obligation debt service payments. General Obligation debt service is paid through levy of ad valorem taxes upon all the taxable property in the County. Sales Tax bond debt service is paid through monthly deposits of sales tax revenue received by the County.

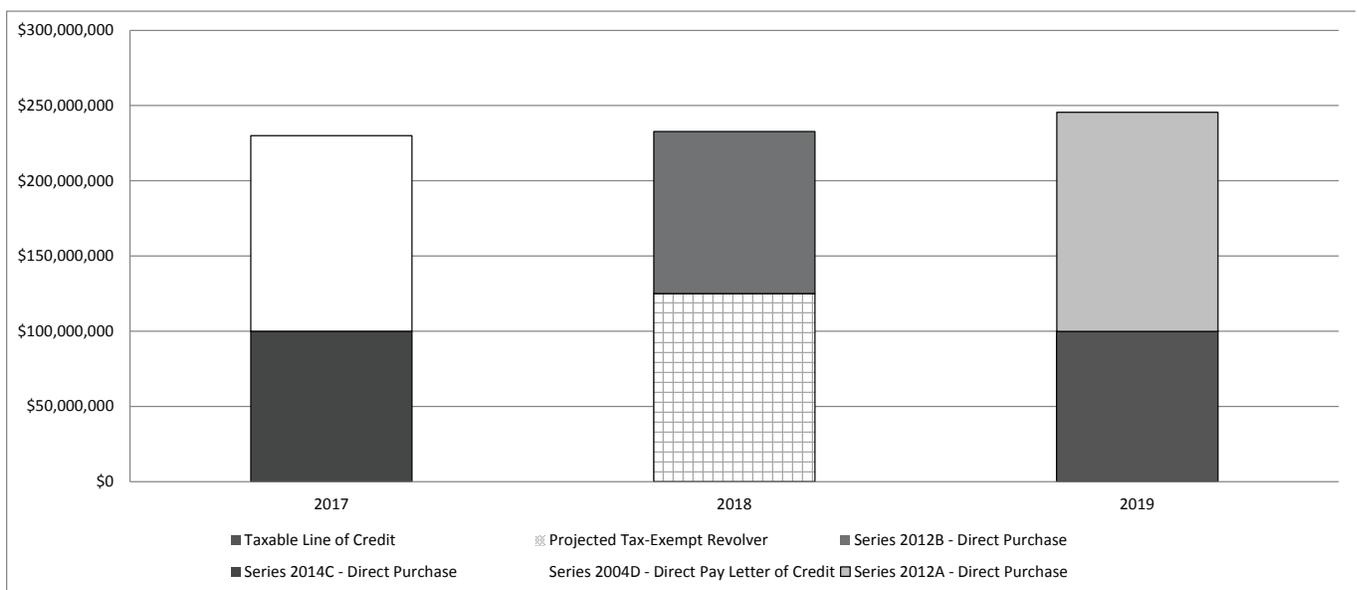
The following chart and the accompanying table shows the County’s anticipated debt service due in coming years based on debt currently outstanding and anticipated new future borrowing:



Budget Year	Existing General Obligation Debt Service	Levy Abatement from Debt Service on Hand	Net General Obligation Debt Service	Existing Sales Tax Debt Service	Projected New Debt Service to support Capital Budget	Total Projected Debt Service
2017	\$290,331,308	(\$13,197,916)	\$277,133,392	\$7,535,000	\$4,500,000	\$289,168,392
2018	\$280,368,569	(\$8,781,210)	\$271,587,358	\$7,536,000	\$15,767,241	\$294,890,599
2019	\$274,900,451		\$274,900,451	\$7,535,000	\$18,089,824	\$300,525,275
2020	\$276,238,642		\$276,238,642	\$7,534,000	\$21,190,281	\$304,962,923
2021	\$278,455,547		\$278,455,547	\$7,535,000	\$25,569,352	\$311,559,899
2022	\$278,937,346		\$278,937,346	\$7,534,000	\$31,342,221	\$317,813,567
2023	\$280,851,133		\$280,851,133	\$7,532,000	\$35,788,883	\$324,172,017
2024	\$281,540,618		\$281,540,618	\$7,534,000	\$41,334,565	\$330,409,182
2025	\$283,843,645		\$283,843,645	\$7,534,000	\$44,756,791	\$336,134,436
2026	\$282,604,407		\$282,604,407	\$7,531,000	\$47,669,500	\$337,804,907
2027	\$275,612,388		\$275,612,388	\$7,535,000	\$46,565,750	\$329,713,138
2028	\$274,921,903		\$274,921,903	\$7,535,000	\$46,565,000	\$329,021,903
2029	\$273,370,960		\$273,370,960	\$7,535,000	\$45,459,500	\$326,365,460
2030	\$272,708,230		\$272,708,230	\$7,531,000	\$45,459,250	\$325,698,480
2031	\$261,829,668		\$261,829,668	\$7,532,000	\$44,351,500	\$313,713,168
2032	\$223,428,072		\$223,428,072	\$7,533,000	\$44,351,500	\$275,312,572
2033	\$149,756,814		\$149,756,814	\$7,534,000	\$69,201,500	\$226,492,314
2034	\$46,081,750		\$46,081,750	\$7,534,000	\$127,754,000	\$181,369,750
2035	\$18,193,500		\$18,193,500	\$7,532,000	\$127,761,750	\$153,487,250
2036	\$16,375,250		\$16,375,250	\$6,251,000	\$127,747,500	\$150,373,750
2037	\$13,283,000		\$13,283,000	\$6,253,000	\$127,751,750	\$147,287,750
2038	\$6,143,000		\$6,143,000		\$126,387,500	\$132,530,500
2039	\$3,041,000		\$3,041,000		\$119,909,000	\$122,950,000
2040	\$0		\$0		\$107,496,500	\$107,496,500
2041	\$0		\$0		\$94,209,000	\$94,209,000
2042	\$0		\$0		\$78,267,750	\$78,267,750
2043	\$0		\$0		\$28,310,500	\$28,310,500
2044	\$0		\$0		\$15,221,500	\$15,221,500
2045	\$0		\$0		\$6,762,000	\$6,762,000

### 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 Fiscal Years 2017 and 2019. The Tax exempt revolving line of credit is currently subject to expiration at the end of FY2016; however, the County intends to renew it for another two year period. The table below summarizes the expiration timing for each facility and type of credit facility. Specifically the 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 General Obligation bond rating is downgraded below BBB/Baa2.



### COUNTY BOND RATING

#### GENERAL OBLIGATION DEBT

Rating Agency	Rating	Outlook
Moody's Investor Services	A2	Stable
Standard & Poor's	AA-	Stable
Fitch Rating	A+	Stable

#### SALES TAX DEBT

Rating Agency	Rating	Outlook
Standard & Poor's	AAA	Stable

## FY2016 RECAP

### GENERAL OBLIGATION BONDS, SERIES 2016A

On July 14, 2016, the County issued General Obligation Bonds, Series 2016A in the amount of \$284.9 million as authorized by the Board of Commissioners. The bonds refunded \$333.7 million of outstanding 2006A bonds, which had an average interest rate cost of 4.83%. The refunded bonds have a blended net interest cost of 3.16%, which enabled the County to reduce debt service costs by \$56.6 million, without any change in the final maturity.

## FUTURE FINANCING ANTICIPATED IN FY2017

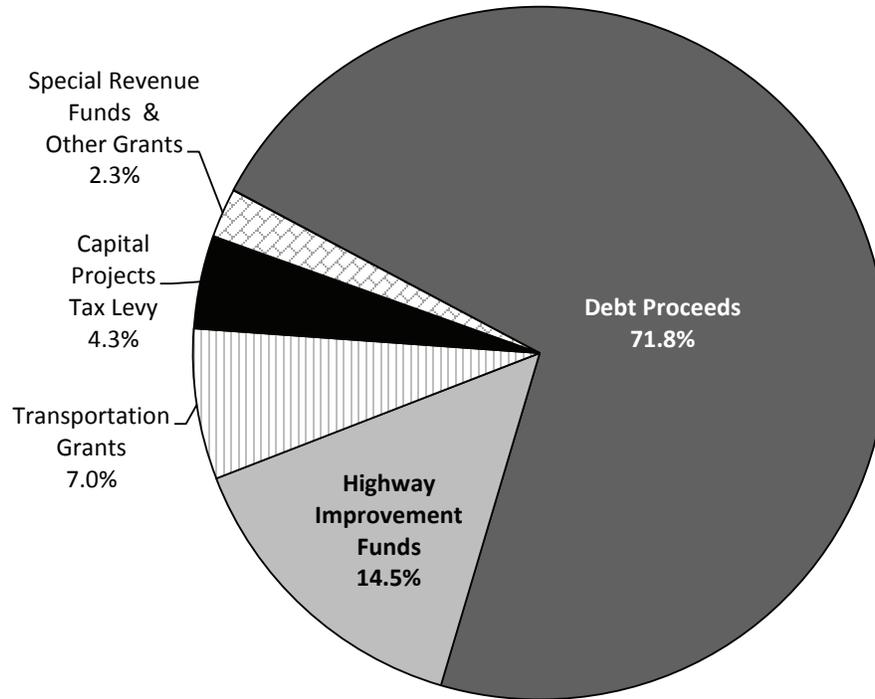
### USE OF TAX EXEMPT REVOLVER, SERIES 2014D

The capital investment identified from debt proceeds in the 2017 Capital Budget is currently contemplated to come in part from proceeds of draws on the Tax Exempt Revolver, Series 2014D, and the Revolver is expected to be the primary funding source in Fiscal Year 2017. 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 FY2017 will total \$125 million, reflecting the funding for projects approved in 2015, 2016 and the 2017 Capital Budget. 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. Additionally, the County will continue to monitor municipal debt capital markets to seek opportunities for economic refunding of its substantial legacy debt.

## 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 CE is municipal debt issued by the County; although, a small portion of capital improvement projects and capital equipment is funded through grants, and special purpose funds; additionally in an effort to begin funding more discrete capital equipment items, like technology hardware and vehicles from operating (pay as you go) sources, the County is levying \$20.65M in property taxes to fund these items in FY2017. The Capital Projects levy will be recurring in odd years 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 Highway projects are primarily funded through the County's allocation of the Motor Fuel Tax funds from the State of Illinois as well as other Federal and State of Illinois grants on a pay-as-you-go basis.

### Capital Funding Source



Sources	Amounts
Debt Proceeds	\$341,663,705
Highway Improvement Funds	\$68,975,200
Transportation Grants	\$33,446,000
Capital Projects Tax Levy	\$20,648,073
Special Revenue Funds & Other Grants	\$10,932,891
<b>Total</b>	<b>\$475,665,869</b>

Uses	Amounts
Capital Improvement Projects	\$291,551,563
Highway & Transportation Projects	\$100,448,000
Capital Equipment Projects	\$83,666,306
<b>Total</b>	<b>\$475,665,869</b>

**FUTURE BORROWING REQUIRED TO SUPPORT THE CAPITAL BUDGET:  
FY2017 TO FY2021**

Source	Proposed FY2017	Proposed FY2018	Proposed FY2019	Proposed FY2020	Proposed FY2021
Capital Improvement Program	\$238,219,000	\$144,290,000	\$162,375,000	\$122,215,000	\$152,290,000
Capital Equipment Purchases	\$46,000,000	\$25,000,000	\$17,500,000	\$0	\$5,000,000

**RELATIONSHIP BETWEEN CAPITAL AND OPERATING BUDGETS**

The County’s bond and interest fund is utilized to fund General Obligation 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 similarly reduce sales tax revenues available for operations in future years as debt service claims a portion of these revenues in future years. If borrowing is used to fund the investment, a \$10 million investment in a capital equipment asset with an eight-year useful life would have a \$1.6 million impact in subsequent years’ operating budgets through increased debt service. Similarly, if debt is used to fund a \$10 million investment in highways or County facilities, there would be an impact of \$550,000 during the initial 10-year interest-only period and greater impacts in out years. These factors underlie the need to prudently determine the best means of financing the Capital Budget, and to ensure that investments that 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 in turn 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, and additional operating and utility costs would add expense lines to the operating budget. Similarly, completed information technology projects will likely entail additional operating costs such as upgrades, license renewals, or 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 AND THEIR IMPACT ON THE COOK COUNTY OPERATING BUDGET**

Each year Cook County lays out its capital investment needs through its Capital Improvement Program for facilities, Capital Equipment Budget for asset purchases and Highway and Transportation Plan for road and bridge infrastructure improvements.

## CAPITAL IMPROVEMENT PROGRAM

The Department of Capital Planning and Policy (DCPP) works collaboratively with the Bureau of Finance to determine available resources and project the cash flow needs in order 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, so that the cost of capital improvements are not measured solely in terms of the initial cost, but takes into consideration the long-term fiscal impacts on the County's operating budget. DCPP is recommending approximately \$1.35 billion in spending over the next 10 years, which averages roughly \$135 million a year. The three guiding principles that dictate the Capital Improvement Program's (CIP) approach includes achieving code compliance, creating operational savings and right-sizing operations. DCPP, in conjunction with other departments with-in the Bureau of Asset Management, continues to seek and provide additional operational efficiencies by reducing operational expenses through the consolidation of underutilized space and dispensation of assets that are no longer viable. The 2017 CIP also emphasizes the County's continued commitment to initiatives to consolidate its real estate footprint that began in 2016 and to reduce energy and natural resource usage through energy efficiency and guaranteed performance contracts. The County maintains a goal of reducing one million square feet of real estate in its portfolio by FYE2018, and is on track to achieve this target and several projects funded in this year's Capital Budget facilitate this objective: demolition of three divisions at the Department of Corrections reflects the reduced pre-trial detained population; the construction of the new central medical campus clinical and administration building will also allow for a significant reduction in square footage, as will the improvements at the Cicero Warehouse that will facilitate closure of the Hawthorne Warehouse by FYE2017.

## DEMOLITION OF COOK COUNTY JAIL DIVISION I, IA, III, & XVII

In conjunction with the President's and Sheriff's Offices, DCPP continues to move forward with substantial demolition initiatives on the Department of Corrections campus (County Jail). The initial phase of this demolition began with Divisions III & XVII and demolition of Divisions I & IA will follow. **These demolitions are expected to save more than \$3 million in building operating costs during FY 2017 and avoid \$188 million in capital costs over the next decade.** Based upon the excessive age of these facilities and the sustained decreases in the jail population, there is a cost benefit to reducing the current footprint of the jail for operational and energy savings. Demolishing older and underutilized buildings provides immediate operational savings as well as relieves congestion on the campus and provides opportunity for further consolidation and redevelopment that is in tune with the changing dynamics of the County's public safety policies.

## COOK COUNTY CENTRAL HOSPITAL CAMPUS REDEVELOPMENT AND STRATEGIC CONSOLIDATION

To better serve patients, and County taxpayers, Cook County's Stroger Hospital Campus is in the beginning phases of redevelopment. Building on the recommendations from the REASRP, facilities will undergo consolidation to reduce the cost of deferred maintenance, 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. And the realignment of space will free up land to be used for market rate development, which will provide a new revenue source for the County.

Additionally, through the countywide facility condition assessment, it was determined that a strategic reduction of aging and underutilized healthcare facilities could result in substantial operational and energy savings.

Through further analysis, DCPD developed a strategic plan to reduce the healthcare footprint at all three primary campuses; Central Campus (IMD), Provident and Oak Forest. Phase one of this demolition initiative includes the razing of four buildings at the Oak Forest Campus, the Sengstacke building at the Provident Campus and Fantus Clinic at the Stroger Campus. Over the next 20 years, the County estimates operating the campus as it is would cost \$350 million, and another \$130 million would need to be spent in capital investments to repair aged buildings. **Demolishing the buildings will enable the County to avoid a 10-year capital investment of more than \$100 million, and will also reduce operating expenses by about \$1.3 million annually.** This is a substantial undertaking that will provide immediate operational savings and provide a platform for both strategic redevelopment and adaptive reuse.

## WAREHOUSE CONSOLIDATION

Through the county-wide facility condition assessment, it was determined that a strategic reduction of aging and underutilized warehouse facilities could result in substantial operational and energy savings. Through further analysis, DCPD developed a strategic plan to reduce the County's warehouse portfolio and look for alternatives to provide modern and right-sized storage facilities. Phase 1 of this consolidation was the build-out of the new Cicero warehouse, completed last year, which combined the Clerk of the Circuit Court's storage needs into one modern and efficient facility. The next phase will include the consolidation of the remaining Rockwell and Hawthorne storage facilities. This consolidation will accommodate the balance of the County's current and future storage needs. Key components of this new facility will include areas for secure and environmentally sensitive material as well as data storage requirements.

## HIGHWAY AND TRANSPORTATION

The Cook County 2017-2020 Transportation Program totals \$423.3M, with \$100.4M programmed in FY2017 for engineering, construction, right-of-way acquisition and maintenance contracts. The program is fiscally constrained based on expected levels of funding from current revenue sources. The Department continues to prioritize maintenance and preservation of our existing infrastructure assets, with transportation system modernization and expansion integrated as funding becomes available.

The 2016-2019 Transportation Plan is funded primarily by Motor Fuel Tax (MFT) revenues, supplemented with Federal and State grants, local reimbursements, the remainder of the 2012 Cook County Road Construction Bond program, and interest earnings.

Cook County is pleased to announce the adoption of the Connecting Cook County 2040 Long Range Transportation Plan (2040 LRTP) by the Cook County Board of Commissioners, which will act as a policy for the Department for future Multi Year Programs. Connecting Cook County, 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 and more fully realize its opportunities to attract and retain businesses, people, capital, and talent.

Collaboration with the State and local municipalities in recent years has resulted in success securing new State and Federal funding sources related to economic development for a number of projects, including \$5.06 million in IDOT Economic Development Program (EDP) funds for 131st Street, 134st Street and 156th Street projects,

\$1.27 million in federal Community Development Block Grant funding for 156th Street project, and \$2.5 million in Illinois Department of Commerce and Economic Opportunity funds for the 167th Street project.

Local reimbursements from municipalities, the Metropolitan Water Reclamation District, and the Illinois State Toll Highway Authority also provide project funding to support collaborative improvements, which impact multiple jurisdictions and involve multi-agency coordination.

## CAPITAL EQUIPMENT

The FY2017 operating budget includes \$20.3 investments in capital equipment that will be funded through a capital project property tax levy on a pay as-you-go basis. The goal is to prioritize equipment/projects that cost less than \$150,000, and in any event ensure that any projects that have a useful life of less than 5 years are paid through these funds.

The largest major IT capital equipment project recommended in FY2017 is the Enterprise Resourcing Planning (ERP) Software Implementation project (\$31.4M). Its implementation will address a critical need in modernizing County government operations through the use of 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 and hosting costs once all data has been migrated in approximately five years. Other major IT capital equipment projects include the Integrated Tax Administration System (\$3.2M). The new Integrated Property Tax System will improve customer service by sending out timely and accurate property tax information, modernizing an antiquated system and reducing outmoded data. Getting tax bills out on time also saves underlying taxing districts an estimated \$1 million per month by avoiding tax anticipation warrants or dipping into reserves.

## CAPITAL BUDGET HIGHLIGHTS & SIGNIFICANT PROJECTS FOR THE UPCOMING YEAR

### CAPITAL IMPROVEMENT PROGRAM HIGHLIGHTS

#### CORPORATE CAPITAL PROJECTS

- Warehouse Consolidation
- 5th Floor Boardroom Renovation for ADA Compliance
- Consolidating the Print Shop into a Centralized Facility

#### HEALTH AND HOSPITAL SYSTEM PROJECTS

- New Clinical and Administration Building
- Strategic Demolition on each Major Healthcare Campus
- Construction of Community Based Healthcare Clinics
- New Medical Diagnostic Center
- Forensic Medicine Toxicology and Autopsy Facility Modernization

#### PUBLIC SAFETY PROJECTS

- Department of Corrections demolitions
- Courthouse Security Enhancements
- Juvenile Courthouse and Juvenile Temporary Detention Center

#### COUNTYWIDE PROJECTS

- Phase 2 Guaranteed Energy Performance Contracting
- LEED-Certified Construction Projects
- Roof Replacements
- ADA Compliance Assessment for the Corporate, Health & Hospital, and Department of Corrections Facilities

### HIGHWAY AND TRANSPORTATION HIGHLIGHTS

#### MAJOR FY2017 PROJECTS:

- Lake Cook Road – road, bridge, and traffic signal improvements
- County Line Road – I-294 to North Avenue
- Joe Orr Road – new roadway construction
- Touhy Avenue – Elmhurst Road to Mt Prospect Avenue

### CAPITAL EQUIPMENT SUMMARY

- Countywide Enterprise Resource Planning System
- Integrated Property Tax System
- Unified Communication Upgrade
- Clerk of the Court Case Management System
- Revenue Integrated Tax Administration System
- Recorder of Deeds Land Management System

## EXECUTIVE SUMMARY

Cook County's Capital Improvement Program (CIP) sets forth the plan for the design, construction and renovation of County buildings and building systems to make them safe, functional, efficient and cost-effective. The Bureau of Asset Management and the Department of Capital Planning & Policy (DCPP) – with the approval of the Cook County Board President and Cook County Board of Commissioners – develops and provides daily oversight of the County's CIP.

DCPP recommends spending approximately \$1.35 billion over the next 10 years, which averages roughly \$135 million a year. Code compliance, economical operations and appropriate utilization are the three guiding principles that dictate the CIP's approach. The 2017 CIP emphasizes the County's commitment to improving the occupant and visitor's experience by facilitating projects that improve security, code compliance, fire and life safety systems, as well as continued strides to comply with the American with Disabilities Act. In parallel, DCPP maintains its commitment to initiatives that reduce energy and natural resource. Furthermore, DCPP – in conjunction with other departments within the Bureau of Asset Management – continues to find additional operational efficiencies through the consolidation of underutilized space and dispensation of assets that are no longer viable. The 2017 efforts build on the previous year's initiatives and continue with implementation of strategic developments across the County's portfolios to realize these goals.



*Cook County Health and Hospital System - Rendering of Proposed Clinic and Administration Building*

## STRATEGIC FRAMEWORK FOR CAPITAL IMPROVEMENTS

In 2013, DCPD and the Department of Real Estate Management (DREM) hired a consultant to conduct condition assessments of building structures, systems, utilities and equipment at County-owned facilities. As a result, the Real Estate Asset Strategic Realignment Plan (REASRP) provided comprehensive reports that serve as the basis for utilization efforts and priority capital improvements. From the inspection data, a long-range capital improvement plan for years 2014 to 2023 was developed to address identified capital needs strategically. 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 year's 2017-2026 CIP continues to build upon and implement the REASRP data.

The 2017-2026 CIP is a 10 year plan with an estimated budgetary appropriation of \$292 million in FY 2017 to address capital renewals and renovations, as well as strategic redevelopments across all County portfolios.

DCPD 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

DCPD develops the Capital Plan by gathering analytical information from the Facility Condition Assessment (FCA) report and by completing a comprehensive review of individual business case requests.

This enables the DCPD 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.
- 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 DCPD to maintain updated 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 DCPD to prioritize, plan systematically and bundle similar projects for cost effective procurement.

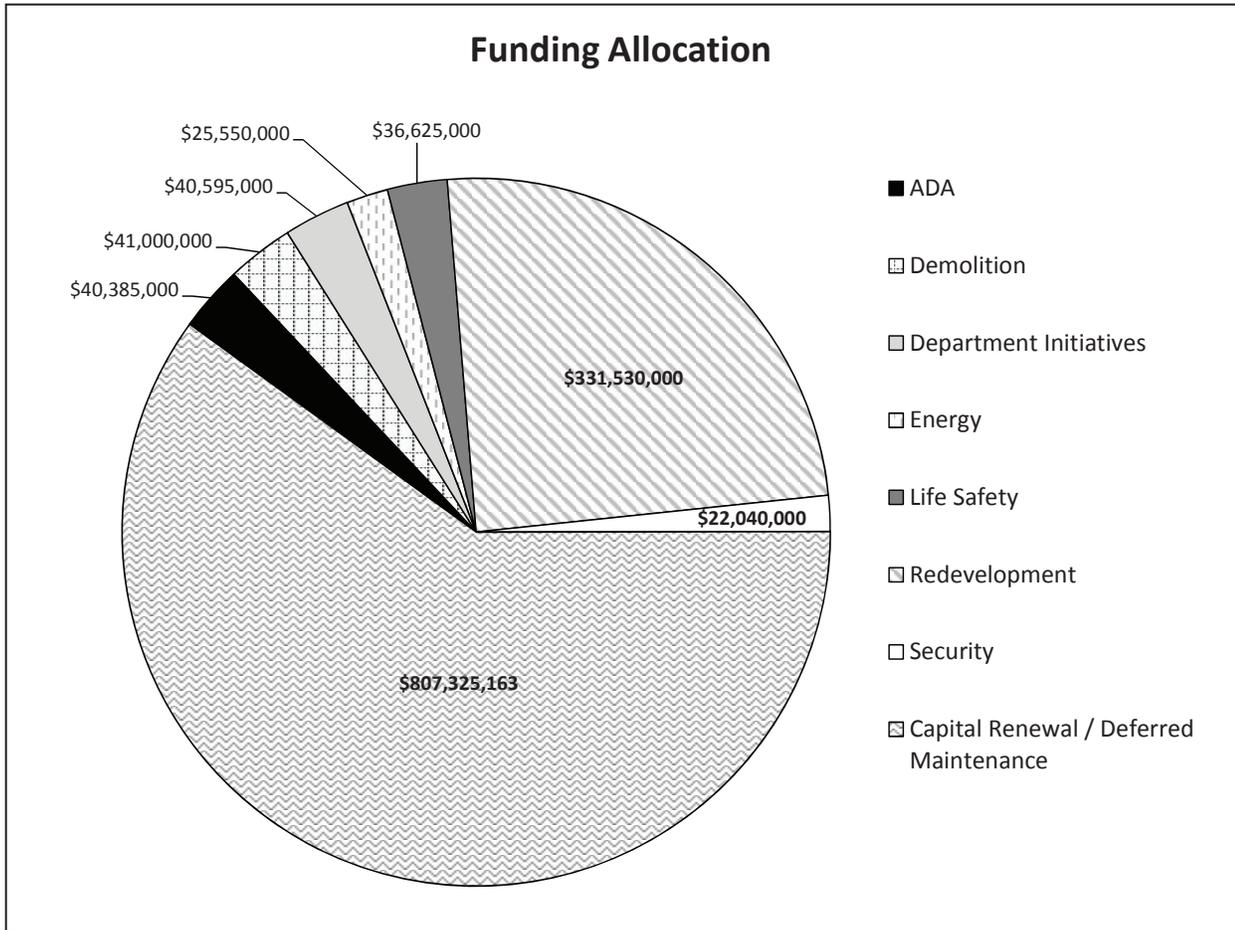
<b>PRIORITY FOR MAINTENANCE AND REPLACEMENT</b>
<b>Priority 1</b> – Currently Critical (Immediate) Conditions require immediate action to correct a cited safety hazard, stop accelerated deterioration, or return a facility to operation.
<b>Priority 2</b> – Potentially Critical (Years 1-2) Conditions, if not corrected expeditiously, will become critical within a year resulting in intermittent operations, rapid deterioration, potential life safety hazards, etc.
<b>Priority 3</b> – 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.
<b>Priority 4</b> – 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.
<b>Priority 5</b> – 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 2013 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).

$$FCI = \frac{\text{Maintenance, replacements, deficiencies of facility(ies)}}{\text{Current Replacement value of facility(ies)}}$$

In 2013, Cook County facilities had an average FCI of 40.40%. The industry standard for an FCI above 75% represents that the cost to renovate has exceeded the potential for a return on invested capital. The funding requested in the CIP is needed to gradually reduce the current facility condition index; (FCI is forecasted with on-going capital renewal needs and strategic redevelopments, retiring facilities that have exceeded their useful life, and investments in new facilities).

This recommended Capital Improvement Program allocates funding to address Priority 1 ‘critical needs’ projects (e.g. life safety, code and regulatory, risk of failure to critical systems and building envelopes), limited Priority 2 ‘Potentially Critical’ projects and strategic redevelopment opportunities. The actual funding needs have been identified in the 2017 CIP and are allocated as shown in the chart on the following page.



2017-2026 Capital Improvement Program – Funding Allocation

## PORTFOLIO OVERVIEWS & SIGNIFICANT PROJECTS

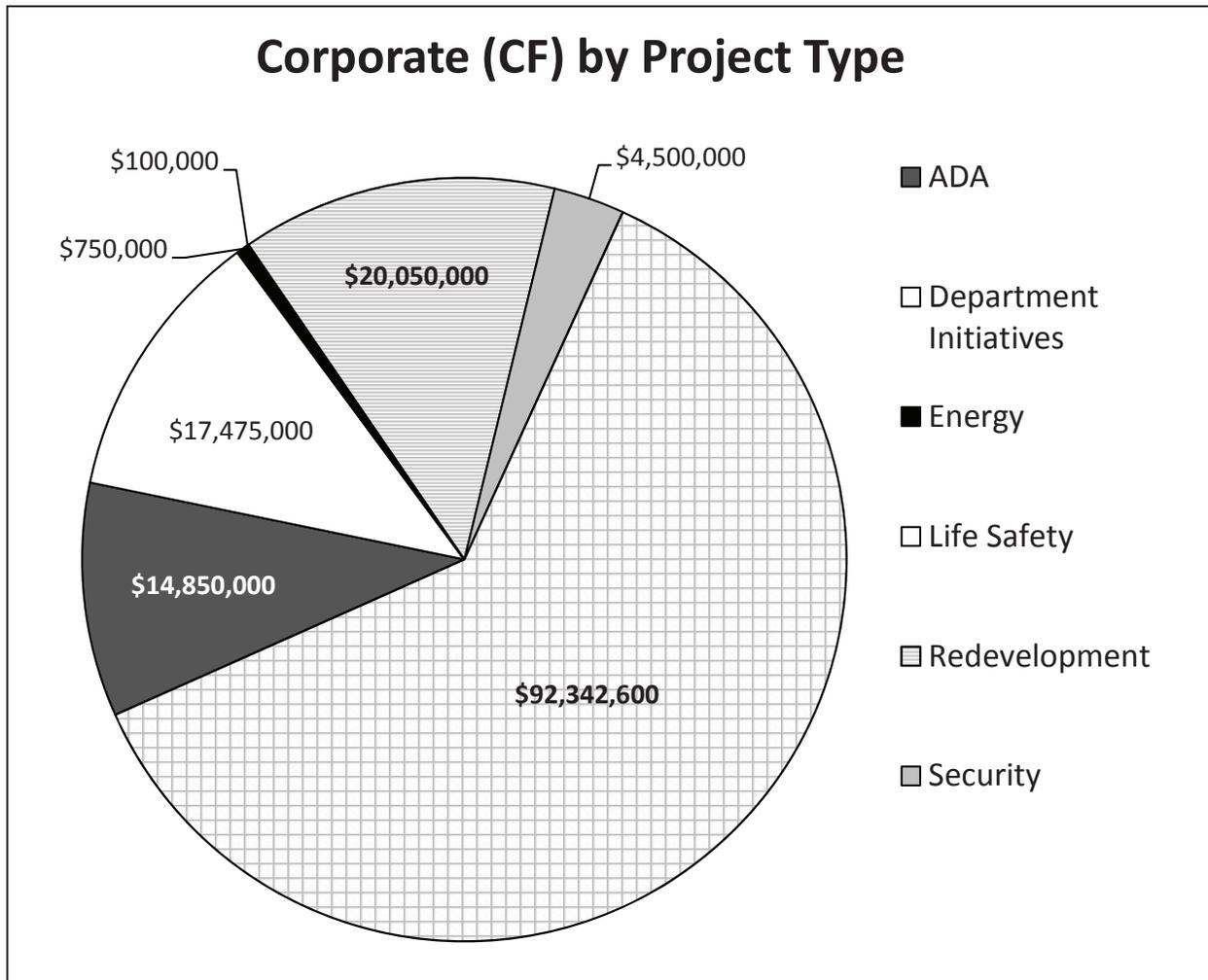
The County’s assets have been categorized into four separate portfolios as follows:

- Corporate Facilities
- Health and Hospitals
- Public Safety

### CORPORATE PORTFOLIO

The Cook County Corporate Portfolio operating group utilizes 2.6M square feet of facilities built between 1906 and 2013. Included in the corporate operating group are projects at facilities such as the County Building, George W. Dunne County Office Building, Warehouses, and Highway Department facilities.

Corporate Portfolio	CIP 2017-2026 Total	2017	2018	2019	2020	2021	Total 2022-2026
Countywide Corporate	\$39,750,000	\$1,250,000	\$7,500,000	\$7,000,000	\$7,000,000	\$4,000,000	\$13,000,000
County Building	\$60,031,500	\$9,431,500	\$8,000,000	\$5,600,000	\$17,500,000	\$2,500,000	\$17,000,000
George W. Dunne Admin. Building	\$24,903,200	\$9,383,200	\$8,065,000	\$7,065,000	\$65,000	\$65,000	\$260,000
Rockwell Warehouse	\$1,300,000	\$1,050,000	\$250,000	\$0	\$0	\$0	\$0
CCHD Maintenance Fac. Dist. 1	\$2,985,000	\$0	\$0	\$2,985,000	\$0	\$0	\$0
CCHD Maintenance Fac. Dist. 2	\$5,709,700	\$0	\$5,209,700	\$500,000	\$0	\$0	\$0
CCHD Maintenance Fac. Dist. 3	\$1,120,000	\$0	\$0	\$0	\$0	\$100,000	\$1,020,000
CCHD Maintenance Fac. Dist. 4	\$6,730,000	\$0	\$600,000	\$6,130,000	\$0	\$0	\$0
CCHD Maintenance Fac. Dist. 5	\$7,538,200	\$0	\$0	\$0	\$7,538,200	\$0	\$0
<b>Grand Total</b>	<b>\$150,067,600</b>	<b>\$21,114,700</b>	<b>\$29,624,700</b>	<b>\$29,280,000</b>	<b>\$32,103,200</b>	<b>\$6,665,000</b>	<b>\$31,280,000</b>





*Dunne Building, 69 W. Washington – 24th Floor Renovation Project for Department of Transportation and Highways*

## CORPORATE CAPITAL PORTFOLIO PROJECTS FOR 2017

### **WAREHOUSE CONSOLIDATION**

Following a comprehensive review of the county-wide facility condition assessment reports, it was determined that a strategic reduction of aging and underutilized warehouse facilities could result in substantial operational and energy savings. DCCP developed a strategic plan to reduce the County’s aging warehouse portfolio and provide modern and right-sized storage facilities. Phase 1 of the effort was the build-out of the new Cicero warehouse, completed in 2015, which consolidated the Clerk of the Circuit Court’s storage needs into one modern and efficient facility. The next phase, planned for 2017, will include the move of the County Clerk Elections Department from Hawthorne into the vacant east section of the Cicero warehouse. DCCP has met with the Elections Department to conduct feasibility studies and will assign a contractor in the fourth quarter of 2016. The remaining Hawthorne warehouse occupants will then consolidate into the Rockwell storage facility. These consolidations will accommodate the balance of the County’s current and future storage needs while vacating Hawthorne warehouse. Key components of the new build-outs at Cicero and Rockwell facilities will include storage areas for secure and environmentally sensitive material as well as data.

### **ADA 5TH FLOOR BOARDROOM RENOVATION**

The Cook County Boardroom lacks the appropriate level of ADA compliance for employees and public visitors as required by current code. DCCP is addressing these compliance issues by renovating the existing Boardroom

and reconfiguring the adjoining spaces on the 5th floor. A contracted design team will complete its design in the first quarter of 2017. The project will include ADA compliance alterations as well as associated finishes, fixtures and equipment. There will also be technology and security upgrades incorporated into the project in order to better serve the occupants and public visitors to the Boardroom and 5th floor.

### PRINT SHOP CONSOLIDATION

Currently the in-house printing functions for the County are housed in three separate locations. The goal of this project is to consolidate these functions into a centralized, modern space at Rockwell warehouse, to increase productivity and operational performance. Furthermore, this consolidation will reduce the print shop's gross original footprint and right-size the space for current operations. Overall, efficiency and performance of the printing functions will increase and render savings for the County.

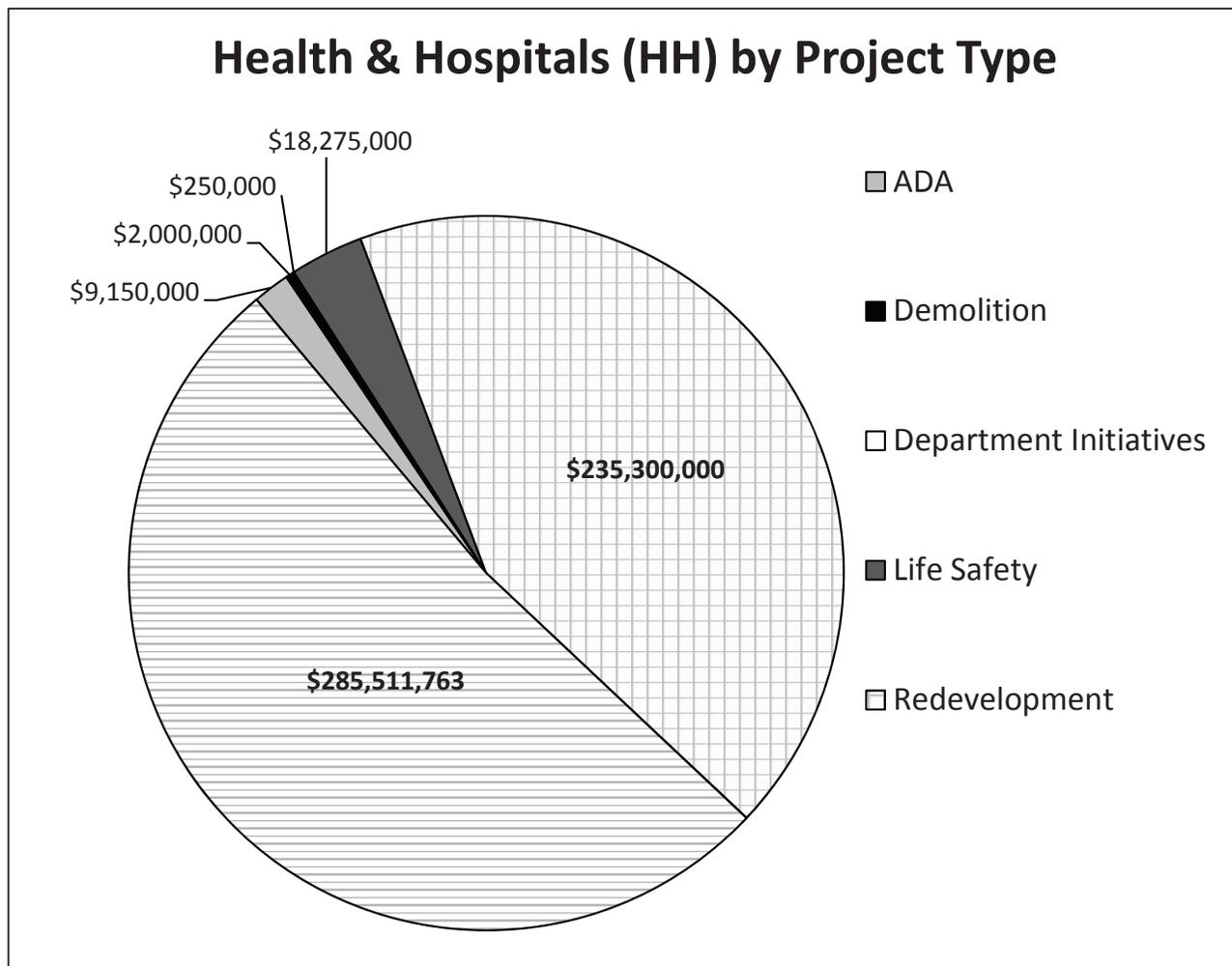
### CORPORATE OFFICE CONSOLIDATION

DCCP, in conjunction with other Bureau of Asset Management departments, is studying how to consolidate the corporate office footprint and better utilize space in the downtown offices. With these studies, the Bureau is also reviewing opportunities to lease spaces that could become available as a result of the consolidation efforts.

### HEALTH AND HOSPITALS SYSTEM PORTFOLIO

The Cook County Health and Hospitals System operates in 5.2M square feet of facilities built between 1908 and 2002. Projects for this operating group are included at various locations throughout the County, including the John H. Stroger Campus, Oak Forest Regional Outpatient Center, Provident Hospital, and Countywide clinics.

Facility	CIP 2017-2026 Total	2017	2018	2019	2020	2021	Total 2022-2026
Countywide Hospitals	\$73,950,000	\$20,200,000	\$24,750,000	\$8,000,000	\$4,000,000	\$4,000,000	\$13,000,000
Oak Forest	\$37,000,000	\$12,200,000	\$24,800,000	\$0	\$0	\$0	\$0
John H. Stroger, Jr., Hospital	\$353,250,000	\$113,450,000	\$27,700,000	\$17,700,000	\$1,200,000	\$0	\$193,200,000
Provident Campus	\$43,000,000	\$22,000,000	\$21,000,000	\$0	\$0	\$0	\$0
Robert J. Stein Institute of Forensic Medicine	\$4,675,000	\$1,325,000	\$3,350,000	\$0	\$0	\$0	\$0
Robbins Health Center	\$4,900,000	\$0	\$0	\$0	\$4,000,000	\$0	\$900,000
Ruth M. Rothstein Core Center	\$4,021,763	\$106,063	\$1,425,000	\$1,105,000	\$680,450	\$215,000	\$490,250
Dr. Jorge Prieto Health Center	\$400,000	\$400,000	\$0	\$0	\$0	\$0	\$0
Cottage Grove Medical Center	\$4,450,000	\$0	\$200,000	\$0	\$4,250,000	\$0	\$0
Englewood Health Center	\$4,840,000	\$40,000	\$500,000	\$0	\$4,000,000	\$0	\$300,000
Logan Square Health Center	\$12,000,000	\$6,000,000	\$6,000,000	\$0	\$0	\$0	\$0
Old Main Hospital	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cicero Health Center	\$8,000,000	\$3,200,000	\$4,800,000	\$0	\$0	\$0	\$0
<b>Grand Total</b>	<b>\$550,486,763</b>	<b>\$178,921,063</b>	<b>\$114,525,000</b>	<b>\$26,805,000</b>	<b>\$18,130,450</b>	<b>\$4,215,000</b>	<b>\$207,890,250</b>



*Stroger Hospital*

## HEALTH AND HOSPITALS CAPITAL PROJECTS FOR 2017

### **OAK FOREST HOSPITAL CAMPUS FEASIBILITY STUDY**

The Bureau of Asset Management is working with the Health & Hospital System to look at a more efficient use for the Oak Forest Hospital campus. An RFQ will be issued in the last quarter of 2016 to engage a qualified team to complete a feasibility analysis for the entire campus. Many of the buildings on the campus are beyond their useful life and the site is substantially underutilized. The feasibility study will provide the Bureau with a guide for how to address the long-range campus needs in parallel with the changing requirements of the Cook County Health & Hospital System as a whole.

### **COMMUNITY BASED HEALTHCARE CLINICS**

Capital Planning, in partnership with the Health & Hospital System, is designing and constructing new community based healthcare clinics for the residents of Cook County. These facilities will provide much needed healthcare services locally and will expand the System's network of community-based services. These modern clinics will increase the availability of local medical services in 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.

### **NEW DIAGNOSTIC CENTER**

In the upcoming year, the DCPD will embark on an aggressive campaign to add a much needed Diagnostic Center to the Health System portfolio. Working in conjunction with the CCHHS, DCPD will move forward with the design and construction of a modern diagnostic center to provide a broad range of medical analytic services to the residents of Cook County. This new facility will expand the breadth and scale of services CCHHS can provide and create an additional revenue stream for the health system, while meeting the core healthcare needs of our geographic area.

### **FORENSIC MEDICINE TOXICOLOGY & AUTOPSY MODERNIZATION**

The Forensic Medicine facility is one of the core service facilities servicing the entire county. The functions housed and performed at this building support numerous departments within the county that require precise and timely analysis. The current structure is in need of a major renovation to improve efficiency, employee work conditions and account for advancements in forensic medicine technology. This project will improve workflow throughout and enhance the services this department provides to all user agencies of the system.

### **CENTRAL CAMPUS REDEVELOPMENT**

The Bureau of Asset Management, in partnership with CCHHS, has hired a contractor to design, develop and construct a new clinic and administration building. The new building will replace the current Fantus Clinic and consolidate the campus' clinic and administration needs into a single, 9-story, approximately 282,000 square foot facility. The design will be completed in the first quarter of 2017 and construction is planned to be completed in the 3rd quarter of 2018.

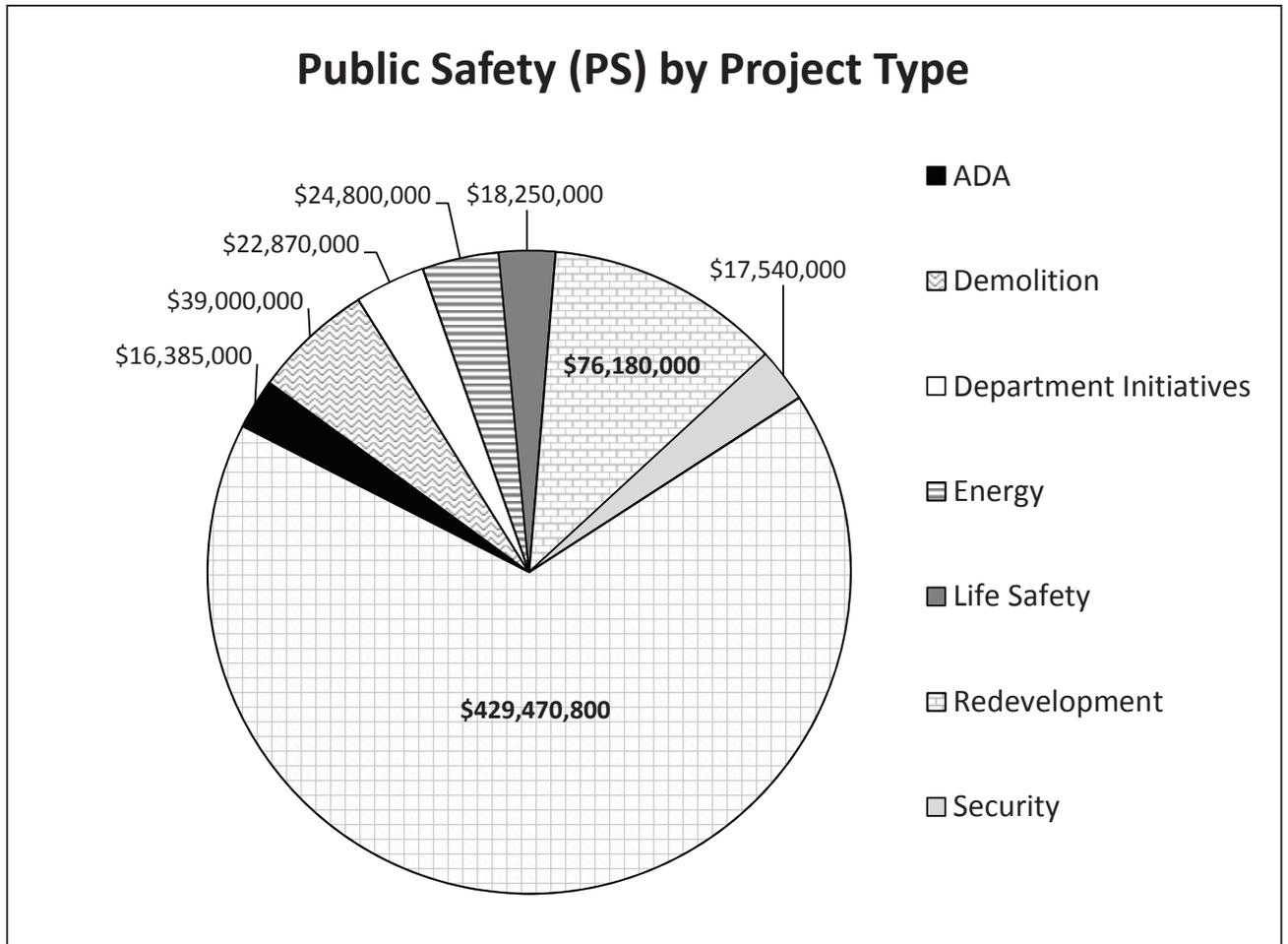


*Cook County Health and Hospital System - Rendering of Proposed Clinic and Administration Building Lobby*

## PUBLIC SAFETY PORTFOLIO

Cook County Court System and Corrections operates 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 the Department of Corrections, the Juvenile Temporary Detention Center, the Daley Center and the outlying District Court Houses.

Facility	CIP 2017-2026 Total	2017	2018	2019	2020	2021	Total 2022-2026
Countywide Public Safety	\$77,010,000	\$17,100,000	\$19,700,000	\$13,410,000	\$11,800,000	\$3,000,000	\$12,000,000
Department of Corrections	\$368,560,000	\$43,740,000	\$29,095,000	\$38,300,000	\$28,900,000	\$138,525,000	\$90,000,000
Daley Center	\$4,025,800	\$2,625,800	\$1,350,000	\$50,000	\$0	\$0	\$0
Domestic Violence Courthouse	\$16,700,000	\$200,000	\$500,000	\$6,000,000	\$0	\$0	\$10,000,000
Juvenile West Courthouse	\$300,000	\$300,000	\$0	\$0	\$0	\$0	\$0
Markham Courthouse	\$11,900,000	\$0	\$0	\$900,000	\$11,000,000	\$0	\$0
Maywood Courthouse	\$9,840,000	\$4,840,000	\$1,500,000	\$3,500,000	\$0	\$0	\$0
Rolling Meadows Courthouse	\$34,625,000	\$75,000	\$550,000	\$8,000,000	\$26,000,000	\$0	\$0
Skokie Courthouse	\$22,825,000	\$175,000	\$0	\$1,050,000	\$1,000,000	\$0	\$20,600,000
Circuit Court Branch 23/50	\$2,175,000	\$2,175,000	\$0	\$0	\$0	\$0	\$0
Circuit Court Branch 34/48	\$1,100,000	\$1,100,000	\$0	\$0	\$0	\$0	\$0
Bridgeview Courthouse	\$31,600,000	\$600,000	\$0	\$30,000,000	\$1,000,000	\$0	\$0
Circuit Court Branch 29/42	\$1,375,000	\$1,375,000	\$0	\$0	\$0	\$0	\$0
JDTC	\$40,130,000	\$8,130,000	\$7,500,000	\$4,500,000	\$0	\$0	\$20,000,000
Cicero Warehouse	\$16,500,000	\$6,500,000	\$2,000,000	\$0	\$5,000,000	\$125,000	\$2,875,000
Jefferson Building	\$4,580,000	\$1,330,000	\$250,000	\$3,000,000	\$0	\$0	\$0
Whitcomb Building	\$1,250,000	\$1,250,000	\$0	\$0	\$0	\$0	\$0
<b>Grand Total</b>	<b>\$644,495,800</b>	<b>\$91,515,800</b>	<b>\$62,445,000</b>	<b>\$108,710,000</b>	<b>\$84,700,000</b>	<b>\$141,650,000</b>	<b>\$155,475,000</b>



## PUBLIC SAFETY CAPITAL PROJECTS FOR 2017

### DEPARTMENT OF CORRECTIONS MASTER PLAN

In 2016, the Department of Capital Planning and Policy (DCPP) solicited an RFQ for Capital Program Management services. These services include development of a master plan for the Maywood and Department of Corrections (DOC) campuses along with facility condition assessments for all of the buildings at each site. Once complete, the master plan will provide a roadmap to achieve additional operational efficiencies.

### ADA IMPROVEMENTS

Over the last two years, DCPP has partnered with the Sheriff’s Office, Department of Corrections (DOC) and Department of Facilities Management (DFM) to address many of the ADA compliance-related items mentioned in the Department of Justice’s (DOJ) Barriers Report. However, numerous ADA compliance issues still exist on the jail campus and courthouses. Some of the improvements made to date include renovations to the detainee holding cells in the Criminal Courts Building (CCB) and Cermak Hospital on the DOC campus.

### CELL DOORS, LOCKS, FRAMES AND ROTARY SWITCH REPLACEMENT

Many of the cells have lost their structural integrity and are exhibiting failure due to the condition of the locks, doors, frames, hinges and frame strapping. The Department of Corrections staff manually operates some cell

doors and gates in its divisions because of the age of these buildings. An automatic, tamper-proof system will be installed in late 2017 to ensure the safety of the occupants and the building. This project not only includes the replacement of cell locks, doors and frames, but also the master control station for Divisions, IV, V, and VI.

## **ROOF REPLACEMENTS**

In 2013, DCPD determined that the majority of roof systems on the DOC campus were in need of full tear off and replacement. DCPD established a priority rating mechanism through a roof assessment and began replacing priority one roofing systems. In 2015, DCPD replaced the roof on both Division III Annex and Division IV. By the end of the fourth quarter of 2016, DCPD will have a contractor procured to design the remaining roof replacements on the DOC campus.

## **COURTHOUSE SECURITY ENHANCEMENTS**

Many of the County Courthouses do not have adequate, modern security and processing entrances to provide safety for staff and visitors. DCPD, in partnership with the Sheriff's Department and Department of Homeland Security, is working to modernize the entry configuration of the deficient facilities. The intent of these enhancements is to maximize the screening process and improve both facility security and visitor movement. Such enhancements include renovations to entrance lobbies, screening areas, security cameras and ADA improvements. These developments will significantly improve the operational efficiency and security of a person's movement in and out of the court facilities. An RFP for design services will be issued in the first quarter of 2017. The renovations will be phased over a period of five years and begin at the Leighton Criminal Courthouse in 2017.

## **DOC CAMERA PROJECT PHASE II**

The initial phase of the Sheriff Video Camera and Recording Systems project was completed in 2015 and included the installation of over 1700 new security cameras and monitoring equipment at the DOC campus and the outlying courthouses. The second phase will incorporate upgrades to the remaining balance of buildings in this project. The first phase of the project has succeeded in reducing the number of potential lawsuits, violations and grievances filed, resulting in an improved and more secure environment for employees, detainees and the public.

## **CCAB/CCB MECHANICAL/ELECTRICAL/PLUMBING SYSTEMS REPLACEMENT**

The Cook County Administration Building (CCAB), erected in 1978, is currently experiencing the deterioration and failure of many of its core building systems. Over the 2016 and 2017 construction years, DCPD will oversee the replacement of the following systems and components: courtroom sound systems, electrical service, sump pumps, hot water heaters, chilled water bridges and air handlers.

## **CCAB ADULT PROBATION RENOVATION**

In 2016, DCPD worked with the Office of the Chief Judge to consolidate and renovate the existing Adult Probation offices located in the lower level of the CCAB. The project is in construction and is expected to complete in the fourth quarter of 2016. The more modern, secure and efficient space will allow personnel working in satellite offices to re-join their divisions as well as resolving union grievances due to deteriorated working conditions. A second phase is planned for 2017 which will include the remaining areas in the lower level of the Criminal Court Administration Building and is expected to complete in the fourth quarter of 2017.

### **CCB MAIN HOLDING & LOCKUP AREA ADA IMPROVEMENTS**

The existing holding cells in the Criminal Courts Building (CCB) are significantly dated and designed prior to and without appropriate accommodations for persons with disabilities. The limitations of the outdated layout caused undue hardships for both the staff as well as those being sent to the area to be processed efficiently and effectively. Therefore to bring these areas into full compliance, DCPD along with the Chief Judge and Sheriff's Office are embarking on a major renovation of these areas to improve functionality and provide equality of treatment regardless of a person's mobility. The rehabilitation of these areas will be extensive and include ADA compliance measures, HVAC, electrical and security upgrades to improve the operation, security and environment of these areas.

### **DEMOLITION OF DIVISION III, XVII, I & IA**

In conjunction with the President's and Sheriff's Offices, DCPD is moving forward with demolition initiatives on the DOC campus. The County will realize immediate operational savings and congestion relief on the campus by demolishing older and underutilized buildings. These strategic demolitions will also provide opportunities for redevelopment and restructuring on the campus. Contractors have been procured and will demolish Division III & XVII starting in the fourth quarter of 2016 and finishing in the first quarter of 2017. Procurement of design services for the demolition of Division I & IA will be completed in the fourth quarter of 2016 with demolition scheduled for completion by the end of 2018.

### **DIVISION XI MAIN ENTRANCE SECURITY MODIFICATIONS**

The Department of Corrections Division XI is the only detention facility not housed on the DOC campus, but rather across the street. As constructed, the entrance to this division lacks the appropriate level of security measures found on the primary DOC campus. As such, the DOC has requested improvements to the entrance of this division to enhance security, visitor processing and employee safety. The project includes new security fencing, ADA improvements and a visitor processing facility to screen persons prior to entering the division. These improvements will limit the risk of contraband and life threatening devices entering the facility.

### **JUVENILE COURTHOUSE AND JUVENILE TEMPORARY DETENTION CENTER**

Collaborating with the JTDC team, 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 1974 and 1993 respectively. This project will bring the vertical elevator systems into compliance with current fire service code and 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, which are already failing. Both projects are in design and construction is expected to begin in the fourth quarter of 2016.

## **COUNTYWIDE CAPITAL PROJECTS**

DCPD developed the 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 and life safety systems and telecommunications.

## COUNTYWIDE PROJECTS FOR 2017

### **ADA COMPLIANCE PROGRAM**

The DCPP ADA program continues to move Cook County towards greater ADA compliance. Last year we started the design process for significant ADA renovation at the Leighton Courthouse and made improvements at all suburban courthouses and Cermak Infirmary. Some of the projects have been collaborative efforts with Facilities Management, utilizing County trades' skillsets whenever possible. This coming year we will make improvements to the DOC campus and implement thorough ADA assessments of our Public Safety, Health & Hospital and Corporate facilities. This comprehensive documentation will enable DCPP to identify all potential physical barriers and coordinate strategic planning, prioritization and project development. By executing a countywide assessment, DCPP can realize efficiency and economies of scale in the development of program projects.

### **GREEN CONSTRUCTION: 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 2002; the CIP in 2017 continues this progressive approach.

DCPP has implemented LEED principles on all CIP projects. For example, standard products and materials installed on any County project meet LEED requirements regardless of formal LEED project registration. The Department of Corrections Residential Treatment Unit has formally received a LEED Silver certification in 2015.

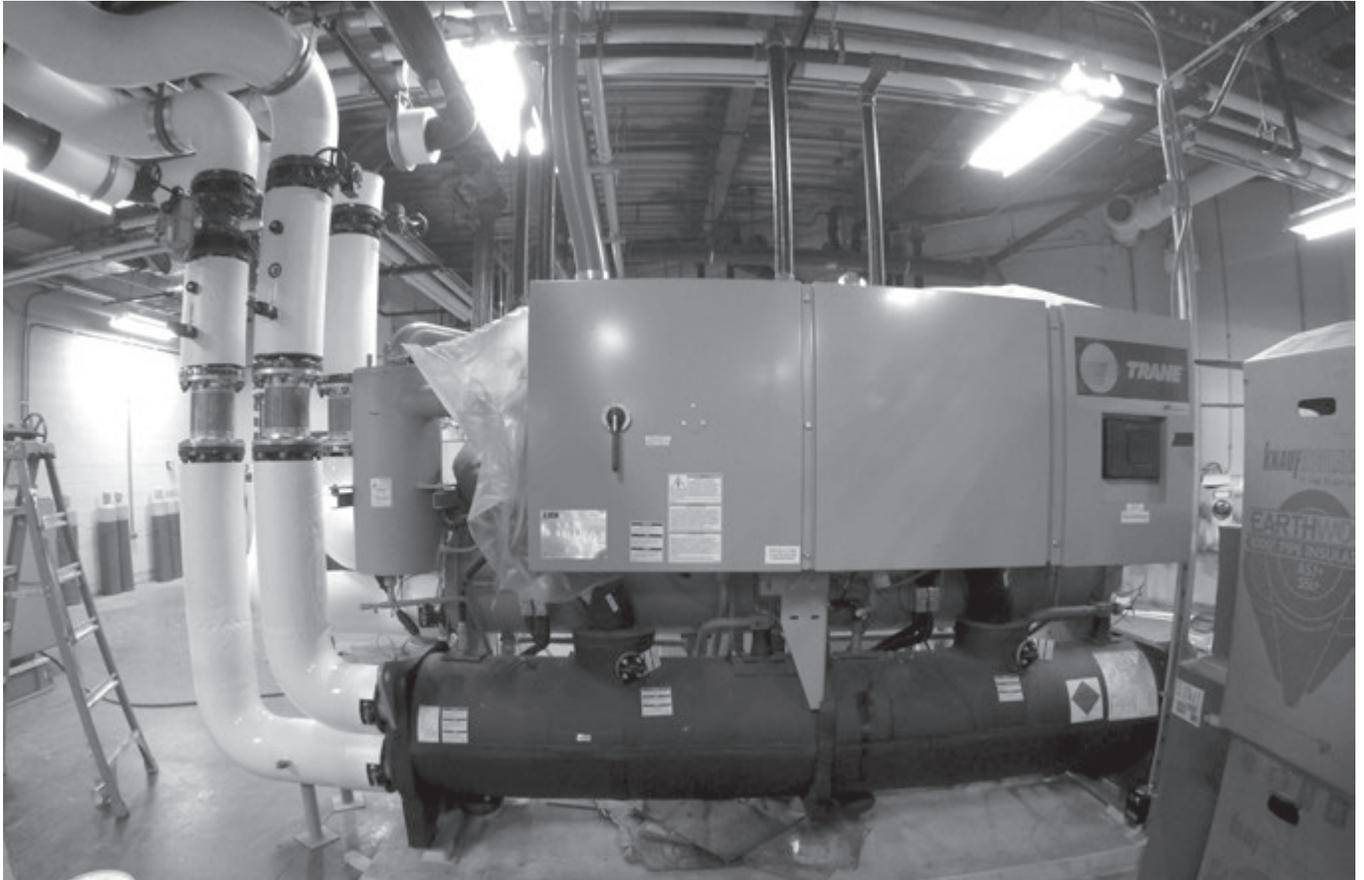
DCPP anticipates the new Core Medical building for the central campus redevelopment to achieve LEED Silver Rating once it is completed.

DCPP is coordinating the Existing Building Operation and Maintenance (EBOM) LEED Certification of the George Dunne Building and anticipates a rating of LEED Gold.

### **GUARANTEED ENERGY PERFORMANCE CONTRACTING**

DCPP partnered with the Department of Environmental Control to enter into a Guaranteed Energy Performance Contract (GEPC), which totals \$24M in improvements at Stroger Hospital campus and \$36M at the Department of Corrections facilities. The GEPC projects began in August of 2012 and are completed at both sites.

These energy conservation projects will yield \$4.1M annually in operational and utility cost savings over the 20-year contract performance period. These projects have also earned the county over \$4.2M in Illinois DCEO related rebates and grants. In July 2015, the Board of Commissioners approved two additional GEPC projects totaling \$44M to begin Phase 2 Construction and Implementation at four suburban courthouses, five highway maintenance facilities, and the corporate buildings (118 N. Clark and 69 W. Washington). The Phase 2 projects are in construction and expected to be complete by the third quarter of 2017. The implementation of these projects saves taxpayer money, demonstrates the County's commitment to improving our buildings' performance and reduces our impact on the environment.



*Skokie Courthouse – New Geothermal Chiller*

## **FIRE & LIFE SAFETY SYSTEM UPGRADES**

Fire & Life Safety Systems are critical to the wellbeing of employees and visitors of all County facilities. Throughout our portfolio, the County has a variety of aging and antiquated Life Safety Systems that require replacement, renovation or upgrades to bring them up to code compliance. DCPD has created an aggressive countywide program to assess and address these core building systems. Some of the facilities receiving new or upgrades in Fire & Life Safety Systems for the 2016 CIP include:

- Division VI on the DOC Campus
- Division XI on the DOC Campus
- Boot Camp on the DOC Campus
- 6th District Courthouse , Markham, Illinois

Halon Fire Suppression systems were employed over 17 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. DCPD will address this obsolete system through a complete replacement and installation of a Pre-action Fire Suppression System at the following locations:

- 2nd District Courthouse, Skokie, Illinois
- Stein Forensic Institute
- Jefferson Building, Maywood Campus
- Juvenile Temporary Detention Center
- 4th District Courthouse, Maywood Campus

### **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.

### **ROOF REPLACEMENTS**

With a countywide portfolio that contains 70% of facilities built before 1970, the requirement for new roofs and significant replacements is a critical need for many buildings. DCPP has engaged a professional roofing consultant to inspect and prioritize County facilities' roof replacements. In addition, DCPP reviews the selected 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, DCPP will be utilizing roofing systems that reduce the heat island effect and provide increased life expectancy.

## DEPARTMENT OF CAPITAL PLANNING & POLICY 2016

### ACCOMPLISHMENTS

#### NATIONAL ASSOCIATION OF COUNTIES AWARD

The National Association of Counties (NACo) recognized Cook County and awarded DCPD a 2016 Achievement Award for its Guaranteed Energy Performance Contracting. This program was recognized in the category of “County Resiliency: Infrastructure, Energy & Sustainability” for reducing the County’s carbon footprint.

#### COMPLETED CAPITAL PROJECTS FOR FY 2015

In 2015 DCPD completed a large number of projects. The use of the prequalified pool of professional consultants, Job Order Contracting program and cloud-based project management software are a few of the measures that have allowed the delivery of projects on time and within budget.

118 N. Clark Heat Condensate Conversion	Hawthorne Warehouse Fire Pump Replacement
CCB Fire Pump Replacement Pump 1 & Pump 2	JTDC Ceiling Replacement, Phase II
CCB Sound System Improvements	JTDC Digital Video Data Center
Compressor Replacement - DOC	Markham Courtroom Partition Wall & Addition
Countywide Public Restroom Upgrade	Morgue Sinks & Scales Replacement
Daley Center - Penthouse Overhead Sectional Door Replacement	Morgue-Cameras and Monitors
Daley Center - Replace Glass Hardware in CL & Double Door Threshold Lobby	New Parking Lot - DOC Empowerment
DOC Div I Hot water Tank Semi Instantaneous tank	Oak Forest Hospital New 40KW UPS Installation
DOC Div IX Cell Replacement	Oak Forest Hospital(Homeland Security building) Roof & Tuck-pointing
DOC Division IV Fire Pump Replacement	Rockwell warehouse Fire Pump Replacement
DOC Division IV Plumbing Piping Replacement	Rolling Meadows Fire Pump Replacement
DOC Division V Fire Pump Replacement	Rolling Meadows Repair - Replace North and East Entrance Doors
DOC Division VI Plumbing Piping Replacement	Skokie Dock Lighting Replacement
DOC Officer's Dining Room Renovations	Stroger/JTDC ADA Compliance

# CAPITAL IMPROVEMENT PROJECTS EXECUTIVE BUDGET RECOMMENDATION 2017

Facility/Project Name	Prioritized Spending 2017-2026	Annual Capital Investment 2017	Annual Capital Investment 2018	Annual Capital Investment 2019	Annual Capital Investment 2020	Annual Capital Investment 2021	Annual Capital Investment 2022- 2026
<b>CIP Total Spending</b>	<b>\$1,345,050,163</b>	<b>\$291,551,56</b>	<b>\$206,594,70</b>	<b>\$164,795,00</b>	<b>\$134,933,65</b>	<b>\$152,530,00</b>	<b>\$394,645,250</b>
<b>Corporate Portfolio</b>	<b>\$150,067,600</b>	<b>\$21,114,700</b>	<b>\$29,624,700</b>	<b>\$29,280,000</b>	<b>\$32,103,200</b>	<b>\$6,665,000</b>	<b>\$31,280,000</b>
<b>Countywide Corporate</b>	<b>\$39,750,000</b>	<b>\$1,250,000</b>	<b>\$7,500,000</b>	<b>\$7,000,000</b>	<b>\$7,000,000</b>	<b>\$4,000,000</b>	<b>\$13,000,000</b>
Countywide CF ADA Improvements (JOC)	\$8,250,000	\$250,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$4,000,000
Countywide CF Fire and Life Safety Upgrades (Package11)	\$4,500,000	\$500,000	\$4,000,000	\$0	\$0	\$0	\$0
Countywide CF Job Order Contracting Projects	\$16,500,000	\$500,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$8,000,000
Countywide CF Roof Replacements	\$10,500,000	\$0	\$500,000	\$4,000,000	\$4,000,000	\$1,000,000	\$1,000,000
<b>County Building</b>	<b>\$60,031,500</b>	<b>\$9,431,500</b>	<b>\$8,000,000</b>	<b>\$5,600,000</b>	<b>\$17,500,000</b>	<b>\$2,500,000</b>	<b>\$17,000,000</b>
County Building - 10th Floor Renovation & Department Consolidation	\$5,500,000	\$0	\$500,000	\$2,500,000	\$2,500,000	\$0	\$0
County Building - 11th Floor Renovation & Department Consolidation	\$5,500,000	\$0	\$0	\$500,000	\$2,500,000	\$2,500,000	\$0
County Building - 2nd Floor Renovation & Department Consolidation	\$1,000,000	\$1,000,000	\$0	\$0	\$0	\$0	\$0
County Building - 5th Floor ADA Compliance Renovation	\$6,500,000	\$6,500,000	\$0	\$0	\$0	\$0	\$0
County Building - 8th Floor Renovation & Department Consolidation	\$5,500,000	\$0	\$500,000	\$2,500,000	\$2,500,000	\$0	\$0
County Building - Capital Renewals	\$27,000,000	\$0	\$0	\$0	\$10,000,000	\$0	\$17,000,000
County Building - Critical Mechanical Systems Replacements (JOC)	\$631,500	\$631,500	\$0	\$0	\$0	\$0	\$0
County Building - Electronic Touch Screen Directory & Information Boards in Lobby (JOC)	\$100,000	\$0	\$0	\$100,000	\$0	\$0	\$0
County Building - Print Shop Consolidation (JOC)	\$300,000	\$300,000	\$0	\$0	\$0	\$0	\$0
County Building - Recorder of Deeds: CCL Leakage	\$8,000,000	\$1,000,000	\$7,000,000	\$0	\$0	\$0	\$0
<b>George W. Dunne Admin Building</b>	<b>\$24,903,200</b>	<b>\$9,383,200</b>	<b>\$8,065,000</b>	<b>\$7,065,000</b>	<b>\$65,000</b>	<b>\$65,000</b>	<b>\$260,000</b>
Dunne Building - (HVAC) induction unit BAS networking	\$500,000	\$500,000	\$0	\$0	\$0	\$0	\$0
Dunne Building - 22nd Floor Conference Center Renovation	\$2,000,000	\$2,000,000	\$0	\$0	\$0	\$0	\$0
Dunne Building - 69 W Consolidation	\$16,500,000	\$2,500,000	\$7,000,000	\$7,000,000	\$0	\$0	\$0
Dunne Building - A/C Replacements	\$275,000	\$275,000	\$0	\$0	\$0	\$0	\$0
Dunne Building - ADA upgrades	\$100,000	\$100,000	\$0	\$0	\$0	\$0	\$0
Dunne Building - Air handler project (A/C replacements - 2016)	\$400,000	\$400,000	\$0	\$0	\$0	\$0	\$0
Dunne Building - Boiler Replacement	\$1,050,000	\$50,000	\$1,000,000	\$0	\$0	\$0	\$0
Dunne Building - Chiller adaptive frequency drive project	\$350,000	\$350,000	\$0	\$0	\$0	\$0	\$0
Dunne Building - Command center upgrade	\$300,000	\$300,000	\$0	\$0	\$0	\$0	\$0
Dunne Building - Electrical Panel & Transformer Replacement	\$350,000	\$350,000	\$0	\$0	\$0	\$0	\$0
Dunne Building - Electrical Transformers	\$350,000	\$350,000	\$0	\$0	\$0	\$0	\$0
Dunne Building - ESCO CM Oversight	\$250,000	\$250,000	\$0	\$0	\$0	\$0	\$0
Dunne Building - Exterior doors	\$100,000	\$100,000	\$0	\$0	\$0	\$0	\$0
Dunne Building - HVAC Mechanical Component & System Valve Replacement	\$585,000	\$65,000	\$65,000	\$65,000	\$65,000	\$65,000	\$260,000
Dunne Building - HVAC mechanical component and system valve replacement	\$100,000	\$100,000	\$0	\$0	\$0	\$0	\$0
Dunne Building - HVAC pump replacement	\$350,000	\$350,000	\$0	\$0	\$0	\$0	\$0
Dunne Building - HVAC Pump Replacements	\$400,000	\$400,000	\$0	\$0	\$0	\$0	\$0
Dunne Building - Pedway flooring	\$300,000	\$300,000	\$0	\$0	\$0	\$0	\$0
Dunne Building - Pedway revolving door break-away wings	\$100,000	\$100,000	\$0	\$0	\$0	\$0	\$0
Dunne Building - Plaza Improvements	\$100,000	\$100,000	\$0	\$0	\$0	\$0	\$0
Dunne Building - Plaza Improvements	\$268,200	\$268,200	\$0	\$0	\$0	\$0	\$0
Dunne Building - Pressure reducing valves	\$175,000	\$175,000	\$0	\$0	\$0	\$0	\$0
<b>CCHD Maintenance Fac. Dist. 1</b>	<b>\$2,985,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,985,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Highway District 1 - Capital Renewals	\$2,985,000	\$0	\$0	\$2,985,000	\$0	\$0	\$0
<b>CCHD Maintenance Fac. Dist. 2</b>	<b>\$5,709,700</b>	<b>\$0</b>	<b>\$5,209,700</b>	<b>\$500,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Highway District 2 - Capital Renewals	\$5,709,700	\$0	\$5,209,700	\$500,000	\$0	\$0	\$0
<b>CCHD Maintenance Fac. Dist. 3</b>	<b>\$1,120,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$100,000</b>	<b>\$1,020,000</b>	<b>\$1,020,000</b>
Highway District 3 - Capital Renewals	\$1,120,000	\$0	\$0	\$0	\$100,000	\$1,020,000	\$1,020,000
<b>CCHD Maintenance Fac. Dist. 4</b>	<b>\$6,730,000</b>	<b>\$0</b>	<b>\$600,000</b>	<b>\$6,130,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Highway District 4 - Capital Renewals	\$6,730,000	\$0	\$600,000	\$6,130,000	\$0	\$0	\$0
<b>CCHD Maintenance Fac. Dist. 5</b>	<b>\$7,538,200</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$7,538,200</b>	<b>\$0</b>	<b>\$0</b>
Highway District 5 - Capital Renewals	\$7,538,200	\$0	\$0	\$0	\$7,538,200	\$0	\$0
<b>Rockwell Warehouse</b>	<b>\$1,300,000</b>	<b>\$1,050,000</b>	<b>\$250,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Rockwell - Energy efficiency upgrades	\$500,000	\$500,000	\$0	\$0	\$0	\$0	\$0
Rockwell - Garage oil shop renovation	\$250,000	\$0	\$250,000	\$0	\$0	\$0	\$0
Rockwell - Sheriff's Garage Entrance Renovation(JOC/DFM)	\$250,000	\$250,000	\$0	\$0	\$0	\$0	\$0
Rockwell - Print shop Consolidation	\$300,000	\$300,000	\$0	\$0	\$0	\$0	\$0
<b>Health and Hospitals Portfolio</b>	<b>\$550,486,763</b>	<b>\$178,921,063</b>	<b>\$114,525,000</b>	<b>\$26,805,000</b>	<b>\$18,130,450</b>	<b>\$4,215,000</b>	<b>\$207,890,250</b>
<b>Countywide Hospitals</b>	<b>\$73,950,000</b>	<b>\$20,200,000</b>	<b>\$24,750,000</b>	<b>\$8,000,000</b>	<b>\$4,000,000</b>	<b>\$4,000,000</b>	<b>\$13,000,000</b>
Countywide HH ADA Improvements (JOC)	\$9,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$4,000,000
Countywide HH Job Order Contracting Projects	\$16,000,000	\$0	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$8,000,000
Countywide HH Roof Replacements	\$4,950,000	\$0	\$950,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000
Countywide Clinics	\$36,000,000	\$16,000,000	\$16,000,000	\$4,000,000	\$0	\$0	\$0
Behavioral Health Center	\$8,000,000	\$3,200,000	\$4,800,000	\$0	\$0	\$0	\$0
<b>John H. Stroger Jr. Hospital</b>	<b>\$393,250,000</b>	<b>\$133,450,000</b>	<b>\$47,700,000</b>	<b>\$17,700,000</b>	<b>\$1,200,000</b>	<b>\$0</b>	<b>\$193,200,000</b>
Central Campus (JHS) Parking - Capital Renewals	\$2,750,000	\$0	\$2,750,000	\$0	\$0	\$0	\$0
Central Campus Redevelopment (New Building)	\$95,500,000	\$85,500,000	\$10,000,000	\$0	\$0	\$0	\$0
Fantus Clinic to Stroger Hospital consolidation	\$11,000,000	\$11,000,000	\$0	\$0	\$0	\$0	\$0
JHS - Capital Renewals	\$190,000,000	\$0	\$0	\$0	\$0	\$0	\$190,000,000
JHS - Door and Hardware Replacement	\$1,000,000	\$0	\$1,000,000	\$0	\$0	\$0	\$0
JHS - Elevator modernization	\$8,250,000	\$0	\$750,000	\$7,500,000	\$0	\$0	\$0
JHS - Fire Alarm System Replacements	\$5,500,000	\$0	\$500,000	\$5,000,000	\$0	\$0	\$0
JHS - Flooring Replacement (JOC)	\$350,000	\$250,000	\$100,000	\$0	\$0	\$0	\$0
JHS - Mechanical Systems Capital Renewal / Replacements (JOC)	\$30,600,000	\$11,600,000	\$12,600,000	\$5,200,000	\$1,200,000	\$0	\$0
JHS - Overhead Paging System & Nurse Call System Replacement (JOC)	\$2,500,000	\$2,500,000	\$0	\$0	\$0	\$0	\$0
JHS - Power Plant - Capital Renewals	\$3,800,000	\$600,000	\$0	\$0	\$0	\$0	\$3,200,000
JHS - Precast & Sealant Replacements	\$2,000,000	\$2,000,000	\$0	\$0	\$0	\$0	\$0
Provident - New Clinical Diagnostic Center (Replacement Center)	\$40,000,000	\$20,000,000	\$20,000,000	\$0	\$0	\$0	\$0
<b>Cottage Grove Medical Center</b>	<b>\$4,450,000</b>	<b>\$0</b>	<b>\$200,000</b>	<b>\$0</b>	<b>\$4,250,000</b>	<b>\$0</b>	<b>\$0</b>
Cottage Grove	\$4,000,000	\$0	\$0	\$0	\$4,000,000	\$0	\$0
Cottage Grove Medical Center - Capital Renewals	\$450,000	\$0	\$200,000	\$0	\$250,000	\$0	\$0
<b>Dr. Jorge Prieto Health Center</b>	<b>\$400,000</b>	<b>\$400,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Prieto Health Center - Capital Renewals	\$200,000	\$200,000	\$0	\$0	\$0	\$0	\$0
Prieto Health Center - Parking Lot Paving	\$200,000	\$200,000	\$0	\$0	\$0	\$0	\$0
<b>Englewood Health Center</b>	<b>\$4,840,000</b>	<b>\$400,000</b>	<b>\$500,000</b>	<b>\$0</b>	<b>\$4,000,000</b>	<b>\$0</b>	<b>\$300,000</b>
Englewood Health Center - Capital Renewals	\$690,000	\$400,000	\$500,000	\$0	\$0	\$0	\$150,000
Englewood Health Center - New Clinic	\$4,150,000	\$0	\$0	\$0	\$4,000,000	\$0	\$150,000
<b>John Sengstacke Clinic (former)</b>	<b>\$3,000,000</b>	<b>\$2,000,000</b>	<b>\$1,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
John Sengstacke Clinic Demolition (JOC)	\$2,000,000	\$2,000,000	\$0	\$0	\$0	\$0	\$0
Provident - Parking Structure - Capital Renewals	\$1,000,000	\$0	\$1,000,000	\$0	\$0	\$0	\$0
<b>Logan Square Health Center</b>	<b>\$12,000,000</b>	<b>\$0</b>	<b>\$6,000,000</b>	<b>\$6,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
New Health Clinic Logan Square (Replacement Clinic)	\$12,000,000	\$0	\$6,000,000	\$6,000,000	\$0	\$0	\$0
<b>New Oak Forest Outpatient Facility</b>	<b>\$32,500,000</b>	<b>\$7,700,000</b>	<b>\$24,800,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Oak Forest Regional Outpatient Center	\$32,000,000	\$7,200,000	\$24,800,000	\$0	\$0	\$0	\$0
OFC Renovation/Relocation Mail order pharmacy	\$500,000	\$500,000	\$0	\$0	\$0	\$0	\$0
<b>OFH Building A</b>	<b>\$250,000</b>	<b>\$250,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Hawthorne MDF room relocation (JOC/DFM)	\$250,000	\$250,000	\$0	\$0	\$0	\$0	\$0
<b>OFH Employee Annex</b>	<b>\$1,750,000</b>	<b>\$1,750,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
OFC - Emergency Operations Center - Capital Renewals	\$250,000	\$250,000	\$0	\$0	\$0	\$0	\$0
OFC - Homeland Security Emergency back-up 2nd power source (JOC)	\$1,500,000	\$1,500,000	\$0	\$0	\$0	\$0	\$0
<b>OFH Employee Residence</b>	<b>\$2,500,000</b>	<b>\$2,500,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
OFH Data center expansion (mirror site)	\$2,500,000	\$2,500,000	\$0	\$0	\$0	\$0	\$0
<b>Old Main Hospital</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Old Cook County Hospital - Adaptive Re-use (Ground Lease for Re-Development)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Robbins Health Center</b>	<b>\$4,900,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,000,000</b>	<b>\$0</b>	<b>\$900,000</b>
Robbins Health Center - Capital Renewals	\$900,000	\$0	\$0	\$0	\$0	\$0	\$900,000
Robbins Health Center - new clinic	\$4,000,000	\$0	\$0	\$0	\$4,000,000	\$0	\$0
<b>Rob't J. Stein Institute of Forensic Medicine</b>	<b>\$4,675,000</b>	<b>\$1,325,000</b>	<b>\$3,350,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Forensic Medicine East parking lot security gates - (JOC)	\$125,000	\$125,000	\$0	\$0	\$0	\$0	\$0
Forensic Medicine Toxicology & Autopsy Modernization	\$3,400,000	\$350,000	\$3,050,000	\$0	\$0	\$0	\$0
Forensic Medicine Toxicology Walk-in Refrigerator /Freezer Replacement (JOC)	\$200,000	\$200,000	\$0	\$0	\$0	\$0	\$0
Modification of Existing CCME X-ray room (JOC)	\$500,000	\$500,000	\$0	\$0	\$0	\$0	\$0
Renovations of investigation department	\$300,000	\$0	\$300,000	\$0	\$0	\$0	\$0

Facility/Project Name	Prioritized Spending 2017-2026	Annual Capital Investment 2017	Annual Capital Investment 2018	Annual Capital Investment 2019	Annual Capital Investment 2020	Annual Capital Investment 2021	Annual Capital Investment 2022- 2026
<b>CIP Total Spending</b>	<b>\$1,345,050,163</b>	<b>\$291,551,56</b>	<b>\$206,594,70</b>	<b>\$164,795,00</b>	<b>\$134,933,65</b>	<b>\$152,530,00</b>	<b>\$394,645,250</b>
Stein Conference Room Ramp (JOC/DFM)	\$150,000	\$150,000	\$0	\$0	\$0	\$0	\$0
<b>Ruth M. Rothstein Core Center</b>	<b>\$4,021,763</b>	<b>\$106,063</b>	<b>\$1,425,000</b>	<b>\$1,105,000</b>	<b>\$680,450</b>	<b>\$215,000</b>	<b>\$490,250</b>
Core Center - Asphalt resurfacing	\$162,500	\$0	\$0	\$0	\$162,500	\$0	\$0
Core Center - Atrium temperature control	\$30,000	\$30,000	\$0	\$0	\$0	\$0	\$0
Core Center - AVA system inspection and rebalance	\$30,000	\$30,000	\$0	\$0	\$0	\$0	\$0
Core Center - Capital Renewals	\$1,250,000	\$0	\$1,250,000	\$0	\$0	\$0	\$0
Core Center - Common areas finish replacement	\$600,000	\$0	\$0	\$0	\$0	\$200,000	\$400,000
Core Center - Domestic water - heat pumps	\$30,000	\$0	\$0	\$30,000	\$0	\$0	\$0
Core Center - Elevators - modernize	\$525,000	\$0	\$175,000	\$175,000	\$175,000	\$0	\$0
Core Center - Exhaust fans - replace	\$15,000	\$0	\$0	\$0	\$0	\$15,000	\$0
Core Center - Exterior metal elements - scrape and paint roof area, steel lintels, entrance canopy	\$34,000	\$14,000	\$0	\$0	\$0	\$0	\$20,000
Core Center - HVAC central unit motor - replace	\$20,000	\$0	\$0	\$0	\$0	\$0	\$20,000
Core Center - HVAC split system (15 room)-replace	\$4,000	\$0	\$0	\$0	\$0	\$0	\$4,000
Core Center - HVAC unit coil - replace	\$30,000	\$0	\$0	\$0	\$0	\$0	\$30,000
Core Center - Masonry pointing/sealing	\$900,000	\$0	\$0	\$900,000	\$0	\$0	\$0
Core Center - Painting-metal signs, fence	\$5,000	\$5,000	\$0	\$0	\$0	\$0	\$0
Core Center - Parking lot and driveways: asphalt surfaces - sealcoat, restripe	\$16,250	\$0	\$0	\$0	\$0	\$0	\$16,250
Core Center - Parking lot and driveways: asphalt/concrete pavement repairs	\$9,750	\$9,750	\$0	\$0	\$0	\$0	\$0
Core Center - Parking lot sidewalks/wheel stops	\$4,000	\$4,000	\$0	\$0	\$0	\$0	\$0
Core Center - Roof perimeter sealant replacement/epoxy coat at HVAC air intake rooms	\$13,313	\$13,313	\$0	\$0	\$0	\$0	\$0
Core Center - Roof replacement	\$342,950	\$0	\$0	\$0	\$342,950	\$0	\$0
<b>Cicero Health Center</b>	<b>\$8,000,000</b>	<b>\$3,200,000</b>	<b>\$4,800,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Cicero Health Center	\$8,000,000	\$3,200,000	\$4,800,000	\$0	\$0	\$0	\$0
<b>Public Safety Portfolio</b>	<b>\$644,495,800</b>	<b>\$91,515,800</b>	<b>\$62,445,000</b>	<b>\$108,710,000</b>	<b>\$84,700,000</b>	<b>\$141,650,000</b>	<b>\$155,475,000</b>
<b>Countywide Public Safety</b>	<b>\$176,085,000</b>	<b>\$23,675,000</b>	<b>\$26,700,000</b>	<b>\$35,410,000</b>	<b>\$36,800,000</b>	<b>\$41,500,000</b>	<b>\$12,000,000</b>
Countywide Courthouse Security Enhancements	\$16,610,000	\$200,000	\$2,200,000	\$5,410,000	\$8,800,000	\$0	\$0
Countywide DOC Camera Project Phase II	\$10,600,000	\$600,000	\$5,000,000	\$5,000,000	\$0	\$0	\$0
Countywide PS ADA Improvements (JOC)	\$8,000,000	\$0	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$4,000,000
Countywide PS Building Envelope (JOC/DFM)	\$500,000	\$0	\$500,000	\$0	\$0	\$0	\$0
Countywide PS Emergency Power and UPS System Upgrades	\$1,500,000	\$1,500,000	\$0	\$0	\$0	\$0	\$0
Countywide PS Guaranteed Energy Performance Contract (ESCO) - Courthouses	\$3,300,000	\$3,300,000	\$0	\$0	\$0	\$0	\$0
Countywide PS Job Order Contracting Projects	\$16,500,000	\$500,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$8,000,000
Countywide PS Replacement of Cell Doors, Locks, Frames and Rotary Switches	\$8,000,000	\$5,000,000	\$3,000,000	\$0	\$0	\$0	\$0
Countywide PS Roof Replacements	\$12,000,000	\$6,000,000	\$6,000,000	\$0	\$0	\$0	\$0
DOC - Energy Improvements	\$100,000	\$0	\$100,000	\$0	\$0	\$0	\$0
DOC - Replacement Administration/Training Building	\$61,500,000	\$4,000,000	\$5,000,000	\$5,000,000	\$9,000,000	\$38,500,000	\$0
DOC Mechanical Systems Capital Renewal / Replacements (JOC)	\$1,825,000	\$1,825,000	\$0	\$0	\$0	\$0	\$0
DOC Restroom Exhaust Fan Replacements (JOC)	\$750,000	\$750,000	\$0	\$0	\$0	\$0	\$0
Energy Efficiency Up-grades for Water Conservation	\$14,900,000	\$0	\$900,000	\$10,000,000	\$4,000,000	\$0	\$0
South Campus Demolition - All Building	\$14,000,000	\$0	\$0	\$2,000,000	\$12,000,000	\$0	\$0
DOC - Asphalt parking lot & sidewalk replacement (JOC)	\$6,000,000	\$0	\$1,000,000	\$5,000,000	\$0	\$0	\$0
<b>Boot Camp Building 10</b>	<b>\$2,300,000</b>	<b>\$0</b>	<b>\$300,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$0</b>	<b>\$0</b>
DOC - Parking Garage - Capital Renewals	\$1,000,000	\$0	\$0	\$0	\$1,000,000	\$0	\$0
DOC - Tunnels - Chilled Water Bridges (JOC)	\$300,000	\$0	\$300,000	\$0	\$0	\$0	\$0
DOC - Tunnels Capital Renewals	\$1,000,000	\$0	\$0	\$1,000,000	\$0	\$0	\$0
<b>Bridgeview Courthouse</b>	<b>\$31,600,000</b>	<b>\$600,000</b>	<b>\$0</b>	<b>\$30,000,000</b>	<b>\$1,000,000</b>	<b>\$0</b>	<b>\$0</b>
Bridgeview Courthouse - Capital Renewals	\$30,000,000	\$0	\$0	\$30,000,000	\$0	\$0	\$0
Bridgeview Courthouse - Carpet Replacement (DFM)	\$600,000	\$600,000	\$0	\$0	\$0	\$0	\$0
Bridgeview Reconfiguration, new carpet and workstations	\$1,000,000	\$0	\$0	\$0	\$1,000,000	\$0	\$0
<b>Cermak Hospital</b>	<b>\$30,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$30,000,000</b>
Cermak Hospital - Capital Renewals	\$30,000,000	\$0	\$0	\$0	\$0	\$0	\$30,000,000
Cermak Hospital Holding cells / separation (JOC/DFM)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Chiller Plant</b>	<b>\$1,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,000,000</b>	<b>\$0</b>	<b>\$0</b>
DOC - Central Chiller Plant - Capital Renewals	\$1,000,000	\$0	\$0	\$0	\$1,000,000	\$0	\$0
<b>Cicero Warehouse</b>	<b>\$16,500,000</b>	<b>\$6,500,000</b>	<b>\$2,000,000</b>	<b>\$0</b>	<b>\$5,000,000</b>	<b>\$125,000</b>	<b>\$2,875,000</b>
Cicero Records - Build out for Elections (JOC)	\$8,500,000	\$6,500,000	\$2,000,000	\$0	\$0	\$0	\$0
Cicero Records - Capital Renewals	\$8,000,000	\$0	\$0	\$0	\$5,000,000	\$125,000	\$2,875,000
Cicero Records - Security Enhancements (JOC)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cicero Records - Warehouse Improvements (JOC)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Circuit Court Branch 23/50</b>	<b>\$2,175,000</b>	<b>\$2,175,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Circuit Court Branch 23/50 - Capital Renewals (JOC/DFM)	\$2,175,000	\$2,175,000	\$0	\$0	\$0	\$0	\$0
<b>Circuit Court Branch 29/42</b>	<b>\$1,375,000</b>	<b>\$1,375,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Circuit Court Branch 29/42 - Capital Renewals (JOC/DFM)	\$1,375,000	\$1,375,000	\$0	\$0	\$0	\$0	\$0
<b>Circuit Court Branch 34/48</b>	<b>\$1,100,000</b>	<b>\$1,100,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Circuit Court Branch 34/48 - Capital Renewals (JOC/DFM)	\$1,100,000	\$1,100,000	\$0	\$0	\$0	\$0	\$0
<b>Criminal Court Admin. Building</b>	<b>\$22,150,000</b>	<b>\$6,575,000</b>	<b>\$75,000</b>	<b>\$500,000</b>	<b>\$0</b>	<b>\$15,000,000</b>	<b>\$0</b>
CCAB - Capital Renewals	\$15,000,000	\$0	\$0	\$0	\$0	\$15,000,000	\$0
CCAB Adult Probation Renovation - Phase II (JOC)	\$3,000,000	\$3,000,000	\$0	\$0	\$0	\$0	\$0
CCAB carpet replacement	\$650,000	\$75,000	\$75,000	\$500,000	\$0	\$0	\$0
CCAB Renovation Floors 7, 8, & 9	\$3,500,000	\$3,500,000	\$0	\$0	\$0	\$0	\$0
<b>Criminal Courts (26th/California)</b>	<b>\$27,600,000</b>	<b>\$3,525,000</b>	<b>\$8,475,000</b>	<b>\$600,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$15,000,000</b>
CCB - Capital Renewals	\$15,000,000	\$0	\$0	\$0	\$0	\$0	\$15,000,000
CCB carpet replacement	\$750,000	\$75,000	\$75,000	\$600,000	\$0	\$0	\$0
CCB Main Holding Area ADA Improvements & Lock-Up Renovation	\$6,500,000	\$2,000,000	\$4,500,000	\$0	\$0	\$0	\$0
CCB Mechanical/Electrical Systems Replacements (JOC)	\$3,900,000	\$0	\$3,900,000	\$0	\$0	\$0	\$0
DOC Removal of underground storage tank	\$400,000	\$400,000	\$0	\$0	\$0	\$0	\$0
Renovation of Bond Court	\$500,000	\$500,000	\$0	\$0	\$0	\$0	\$0
Renovation of the Criminal CBC Bond Control Room (JOC)	\$200,000	\$200,000	\$0	\$0	\$0	\$0	\$0
Security enhancements at CCB sally port	\$350,000	\$350,000	\$0	\$0	\$0	\$0	\$0
<b>Daley Center</b>	<b>\$4,025,800</b>	<b>\$2,625,800</b>	<b>\$1,350,000</b>	<b>\$50,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Daley - Boiler Upgrades	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Daley - CC and LL restroom door ADA modifications	\$35,000	\$35,000	\$0	\$0	\$0	\$0	\$0
Daley - Clark street exterior stairway	\$697,000	\$697,000	\$0	\$0	\$0	\$0	\$0
Daley - Clark street service tunnel leakage	\$160,000	\$160,000	\$0	\$0	\$0	\$0	\$0
Daley - Cooling towers re-lining	\$180,000	\$180,000	\$0	\$0	\$0	\$0	\$0
Daley - Elevator Modernization	\$250,000	\$250,000	\$0	\$0	\$0	\$0	\$0
Daley - EM Radiator & Load Bank Replacement	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Daley - Exit ramp barrier system upgrades	\$500,000	\$500,000	\$0	\$0	\$0	\$0	\$0
Daley - Exterior granite paver replacements	\$61,800	\$61,800	\$0	\$0	\$0	\$0	\$0
Daley - Exterior Window Sealant Removal & Replacement	\$1,300,000	\$0	\$1,300,000	\$0	\$0	\$0	\$0
Daley - Install 15 new key card readers (9th floor, 31st floor, Freight Elevators)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Daley - Install Drug/Bomb Detection Device	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Daley - Life safety system upgrades	\$100,000	\$100,000	\$0	\$0	\$0	\$0	\$0
Daley - Roof Door Intrusion Alarm & Phone	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Daley - Security Enhancements	\$250,000	\$250,000	\$0	\$0	\$0	\$0	\$0
Daley - Security upgrades	\$250,000	\$250,000	\$0	\$0	\$0	\$0	\$0
Daley - Upgrade 208V switchboard; service and feeder cables on 31st floor	\$50,000	\$0	\$0	\$50,000	\$0	\$0	\$0
Daley - Upgrade 208V switchboard; service and feeder cables on 9th floor	\$50,000	\$50,000	\$0	\$0	\$0	\$0	\$0
Daley - Upgrade 208V switchboard; service and feeder cables on Concourse Level	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Daley - Upgrade 408V switchboard; service and feeder cables on 9th floor	\$50,000	\$0	\$50,000	\$0	\$0	\$0	\$0
Daley - Upgrade 408V switchboard; service and feeder cables on Concourse Level	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Daley - Washington street tunnel leakage	\$92,000	\$92,000	\$0	\$0	\$0	\$0	\$0
Daley - Wireless LAN For Video Interpreters	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Division I</b>	<b>\$19,000,000</b>	<b>\$15,000,000</b>	<b>\$4,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Division I & 1A Demolition	\$19,000,000	\$15,000,000	\$4,000,000	\$0	\$0	\$0	\$0
<b>Division II, Dorm II</b>	<b>\$250,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$250,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Remove underground storage tank	\$250,000	\$0	\$0	\$250,000	\$0	\$0	\$0
<b>Division II, Dorm IV</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Division II - Renovations of shower and direct supervision stations	\$500,000	\$500,000	\$0	\$0	\$0	\$0	\$0
<b>Division III</b>	<b>\$2,000,000</b>	<b>\$2,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Division III & XVII (Old Cermak Hospital) Demolition (JOC)	\$2,000,000	\$2,000,000	\$0	\$0	\$0	\$0	\$0

# CAPITAL IMPROVEMENT PROJECTS EXECUTIVE BUDGET RECOMMENDATION 2017

Facility/Project Name	Prioritized Spending 2017-2026	Annual Capital Investment 2017	Annual Capital Investment 2018	Annual Capital Investment 2019	Annual Capital Investment 2020	Annual Capital Investment 2021	Annual Capital Investment 2022- 2026
<b>CIP Total Spending</b>	<b>\$1,345,050,163</b>	<b>\$291,551,56</b>	<b>\$206,594,70</b>	<b>\$164,795,00</b>	<b>\$134,933,65</b>	<b>\$152,530,00</b>	<b>\$394,645,250</b>
<b>Division IV</b>	<b>\$4,665,000</b>	<b>\$1,715,000</b>	<b>\$950,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$0</b>	<b>\$0</b>
Division IV Building entrance overhang (JOC)	\$100,000	\$100,000	\$0	\$0	\$0	\$0	\$0
Division IV Capital Renewals	\$800,000	\$0	\$800,000	\$0	\$0	\$0	\$0
Division IV Dock Concrete replacement (JOC)	\$150,000	\$150,000	\$0	\$0	\$0	\$0	\$0
Division IV Elevator modernization (JOC)	\$2,150,000	\$0	\$150,000	\$1,000,000	\$1,000,000	\$0	\$0
Division IV Exterior walls / clay brick (JOC/DFM)	\$815,000	\$815,000	\$0	\$0	\$0	\$0	\$0
Division IV, V, VI Structural foundation upgrades.	\$650,000	\$650,000	\$0	\$0	\$0	\$0	\$0
<b>Division IX</b>	<b>\$4,020,000</b>	<b>\$800,000</b>	<b>\$250,000</b>	<b>\$1,000,000</b>	<b>\$0</b>	<b>\$40,000,000</b>	<b>\$0</b>
Division IX - Hardened glass in cell doors (JOC)	\$800,000	\$800,000	\$0	\$0	\$0	\$0	\$0
Division IX Capital Renewals	\$400,000	\$0	\$0	\$0	\$0	\$40,000,000	\$0
Division IX Elevator modernization (JOC)	\$1,250,000	\$0	\$250,000	\$1,000,000	\$0	\$0	\$0
<b>Division V</b>	<b>\$12,750,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$750,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$12,000,000</b>
Division V - Capital Renewals	\$12,000,000	\$0	\$0	\$0	\$0	\$0	\$12,000,000
Division V Lobby Renovations	\$750,000	\$0	\$0	\$750,000	\$0	\$0	\$0
<b>Division VI</b>	<b>\$9,000,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$7,000,000</b>
Division VI - Capital Renewals	\$7,000,000	\$0	\$0	\$0	\$0	\$0	\$7,000,000
Division VI - Structural/Foundation Capital Renewals (JOC)	\$2,000,000	\$1,000,000	\$1,000,000	\$0	\$0	\$0	\$0
<b>Division VII-Div. I Annex</b>	<b>\$6,900,000</b>	<b>\$1,900,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,000,000</b>
Division VIII - Capital Renewals	\$5,000,000	\$0	\$0	\$0	\$0	\$0	\$5,000,000
Division VIII ADA Capacity Expansion (JOC)	\$900,000	\$900,000	\$0	\$0	\$0	\$0	\$0
Division VIII Play Yards Concealment (JOC)	\$1,000,000	\$1,000,000	\$0	\$0	\$0	\$0	\$0
<b>Division X</b>	<b>\$41,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,000,000</b>	<b>\$0</b>	<b>\$40,000,000</b>	<b>\$0</b>
Division X Capital Renewals	\$41,000,000	\$0	\$0	\$1,000,000	\$0	\$40,000,000	\$0
<b>Division XI</b>	<b>\$21,150,000</b>	<b>\$150,000</b>	<b>\$0</b>	<b>\$1,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$20,000,000</b>
Division XI Training kitchen (JOC)	\$150,000	\$150,000	\$0	\$0	\$0	\$0	\$0
Division XI Capital Renewals	\$21,000,000	\$0	\$0	\$1,000,000	\$0	\$0	\$20,000,000
<b>Division XVII (Old Cermak Hospital)</b>	<b>\$16,795,000</b>	<b>\$4,000,000</b>	<b>\$445,000</b>	<b>\$7,050,000</b>	<b>\$300,000</b>	<b>\$5,000,000</b>	<b>\$0</b>
Division III & XVII (Old Cermak Hospital) Demolition (JOC)	\$4,000,000	\$4,000,000	\$0	\$0	\$0	\$0	\$0
Division XI Entrance - New Security Post	\$5,300,000	\$0	\$0	\$0	\$300,000	\$5,000,000	\$0
DOC Post 8 - Replacement Security Post	\$7,000,000	\$0	\$0	\$7,000,000	\$0	\$0	\$0
DOC Security Posts - Capital Renewals	\$495,000	\$0	\$445,000	\$50,000	\$0	\$0	\$0
<b>DOC Guard Post Division XI</b>	<b>\$1,075,000</b>	<b>\$0</b>	<b>\$50,000</b>	<b>\$400,000</b>	<b>\$600,000</b>	<b>\$25,000</b>	<b>\$0</b>
DOC - Guard Tower - Capital Renewals	\$475,000	\$0	\$50,000	\$400,000	\$0	\$25,000	\$0
DOC - Guard Tower D Demolition & New Tower Constructed (JOC)	\$600,000	\$0	\$0	\$0	\$600,000	\$0	\$0
<b>DOC Gym (Div IV)</b>	<b>\$1,300,000</b>	<b>\$0</b>	<b>\$550,000</b>	<b>\$750,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Division IV Capital Renewals	\$1,300,000	\$0	\$550,000	\$750,000	\$0	\$0	\$0
<b>DOC Kitchen</b>	<b>\$200,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$200,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
DOC - Powerhouse Plant - Capital Renewals	\$200,000	\$0	\$0	\$200,000	\$0	\$0	\$0
<b>DOC Powerhouse</b>	<b>\$6,800,000</b>	<b>\$0</b>	<b>\$5,000,000</b>	<b>\$800,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,000,000</b>
DOC - Central Chiller Plant - Capital Renewals	\$3,000,000	\$0	\$3,000,000	\$0	\$0	\$0	\$0
DOC - Powerhouse Plant - Capital Renewals	\$1,600,000	\$0	\$0	\$600,000	\$0	\$0	\$1,000,000
DOC- Powerhouse Chiller replacement - 1500 Ton	\$2,200,000	\$0	\$2,000,000	\$200,000	\$0	\$0	\$0
<b>DOC South Campus Building 1</b>	<b>\$1,000,000</b>	<b>\$0</b>	<b>\$1,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
DOC - Administration bldg fire suppression server room	\$1,000,000	\$0	\$1,000,000	\$0	\$0	\$0	\$0
<b>Domestic Violence Courthouse</b>	<b>\$16,700,000</b>	<b>\$200,000</b>	<b>\$500,000</b>	<b>\$6,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$10,000,000</b>
Domestic Violence - PV Inverter replacement	\$200,000	\$200,000	\$0	\$0	\$0	\$0	\$0
Domestic Violence - Capital Renewals	\$10,000,000	\$0	\$0	\$0	\$0	\$0	\$10,000,000
Domestic Violence - Energy enhancements	\$6,500,000	\$0	\$500,000	\$6,000,000	\$0	\$0	\$0
<b>Jefferson Building</b>	<b>\$4,580,000</b>	<b>\$1,330,000</b>	<b>\$250,000</b>	<b>\$3,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Exterior renovation and landscaping (JOC/DFM)	\$180,000	\$180,000	\$0	\$0	\$0	\$0	\$0
Jefferson ADA Bathroom up-grade (JOC)	\$150,000	\$150,000	\$0	\$0	\$0	\$0	\$0
Jefferson Building - Roof replacement	\$1,000,000	\$1,000,000	\$0	\$0	\$0	\$0	\$0
Jefferson ERPS addition (Evidence storage)	\$250,000	\$0	\$250,000	\$0	\$0	\$0	\$0
Jefferson/Whitcomb Parking lot resurfacing	\$3,000,000	\$0	\$0	\$3,000,000	\$0	\$0	\$0
<b>Juvenile Temporary Detention Center</b>	<b>\$40,130,000</b>	<b>\$8,130,000</b>	<b>\$7,500,000</b>	<b>\$4,500,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$20,000,000</b>
JTDC East - Capital Renewals	\$20,000,000	\$0	\$0	\$0	\$0	\$0	\$20,000,000
JTDC East Additional lighting for courtyard	\$250,000	\$250,000	\$0	\$0	\$0	\$0	\$0
JTDC East Additional water fountains in courtyard	\$50,000	\$50,000	\$0	\$0	\$0	\$0	\$0
JTDC East Admission showers upgrades	\$250,000	\$0	\$0	\$0	\$0	\$0	\$0
JTDC East Electronic Medical Records (Infrastructure only)	\$2,750,000	\$2,750,000	\$0	\$0	\$0	\$0	\$0
JTDC East Elevator modernization	\$12,000,000	\$3,000,000	\$4,500,000	\$4,500,000	\$0	\$0	\$0
JTDC East PA System Replacement (JOC/DFM)	\$3,000,000	\$0	\$3,000,000	\$0	\$0	\$0	\$0
JTDC East Replace 2 boilers (JOC)	\$900,000	\$900,000	\$0	\$0	\$0	\$0	\$0
JTDC East/West - Mechanical/Electrical Capital Renewals (JOC)	\$830,000	\$830,000	\$0	\$0	\$0	\$0	\$0
Replacement of kitchen area ceiling light fixture	\$50,000	\$50,000	\$0	\$0	\$0	\$0	\$0
Storeroom floor renovation	\$50,000	\$50,000	\$0	\$0	\$0	\$0	\$0
<b>Juvenile West Courthouse</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
JTDC East/West - Mechanical/Electrical Capital Renewals (JOC)	\$300,000	\$300,000	\$0	\$0	\$0	\$0	\$0
<b>Markham Courthouse</b>	<b>\$11,900,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$900,000</b>	<b>\$11,000,000</b>	<b>\$0</b>	<b>\$0</b>
Markham Courthouse - Capital Renewals	\$10,000,000	\$0	\$0	\$0	\$10,000,000	\$0	\$0
Markham Courthouse - Electrical Upgrade	\$900,000	\$0	\$0	\$900,000	\$0	\$0	\$0
Reconfiguration, new carpet and workstations	\$1,000,000	\$0	\$0	\$0	\$1,000,000	\$0	\$0
<b>Maywood Courthouse</b>	<b>\$9,840,000</b>	<b>\$4,840,000</b>	<b>\$1,500,000</b>	<b>\$3,500,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Maywood Courthouse Environmental Lab	\$1,000,000	\$1,000,000	\$0	\$0	\$0	\$0	\$0
Maywood Cooling tower replacement (JOC)	\$250,000	\$250,000	\$0	\$0	\$0	\$0	\$0
Maywood Courthouse - Carpet Replacement (DFM)	\$280,000	\$280,000	\$0	\$0	\$0	\$0	\$0
Maywood Courthouse - Clerk of Circuit Courts renovation workstations, shelving, data & power (JOC)	\$750,000	\$750,000	\$0	\$0	\$0	\$0	\$0
Maywood Courthouse - Mechanical Systems Capital Renewal / Replacements (JOC/DFM)	\$1,060,000	\$1,060,000	\$0	\$0	\$0	\$0	\$0
Maywood parking lot curb replacement and asphalt paving	\$5,750,000	\$750,000	\$1,500,000	\$3,500,000	\$0	\$0	\$0
Renovation of lock-up and interview area	\$750,000	\$750,000	\$0	\$0	\$0	\$0	\$0
<b>Rolling Meadows Courthouse</b>	<b>\$34,625,000</b>	<b>\$75,000</b>	<b>\$550,000</b>	<b>\$8,000,000</b>	<b>\$26,000,000</b>	<b>\$0</b>	<b>\$0</b>
Rolling Meadows - Civil Process Office - flooring replacement	\$75,000	\$75,000	\$0	\$0	\$0	\$0	\$0
Rolling Meadows - Reconfiguration, new carpet and workstations.	\$1,000,000	\$0	\$0	\$0	\$1,000,000	\$0	\$0
Rolling Meadows Courthouse - Capital Renewals	\$25,000,000	\$0	\$0	\$0	\$25,000,000	\$0	\$0
Rolling Meadows Courthouse - Carpet replacement	\$550,000	\$0	\$550,000	\$0	\$0	\$0	\$0
Rolling Meadows Courthouse Parking Garage - Capital Renewal	\$8,000,000	\$0	\$0	\$8,000,000	\$0	\$0	\$0
<b>Skokie Courthouse</b>	<b>\$22,825,000</b>	<b>\$175,000</b>	<b>\$0</b>	<b>\$1,050,000</b>	<b>\$1,000,000</b>	<b>\$0</b>	<b>\$20,600,000</b>
Skokie Reconfiguration, new carpet and workstations	\$1,000,000	\$0	\$0	\$0	\$1,000,000	\$0	\$0
Skokie Capital Renewals	\$16,600,000	\$100,000	\$0	\$500,000	\$0	\$0	\$16,000,000
Skokie Carpet replacement	\$450,000	\$0	\$0	\$450,000	\$0	\$0	\$0
Skokie Civil Process Office - Flooring replacement	\$75,000	\$75,000	\$0	\$0	\$0	\$0	\$0
Skokie Mechanical/Electrical Systems Replacements (JOC/DFM)	\$100,000	\$0	\$0	\$100,000	\$0	\$0	\$0
Skokie Parking Garage - Capital Renewals	\$4,600,000	\$0	\$0	\$0	\$0	\$0	\$4,600,000
<b>Whitcomb Building</b>	<b>\$1,250,000</b>	<b>\$1,250,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Whitcomb ADA Bathroom up-grade	\$250,000	\$250,000	\$0	\$0	\$0	\$0	\$0
Whitcomb Building - Roof replacement	\$1,000,000	\$1,000,000	\$0	\$0	\$0	\$0	\$0
<b>Grand Total</b>	<b>\$1,345,050,163</b>	<b>\$291,551,563</b>	<b>\$206,594,700</b>	<b>\$164,795,000</b>	<b>\$134,933,650</b>	<b>\$152,530,000</b>	<b>\$394,645,250</b>

## INTRODUCTION

The Cook County Multi Year Transportation Program is a financial and planning tool published annually by the Department of Transportation and Highways. The Department holds jurisdictional authority over 561 center line miles of roadway, and has maintenance responsibility for 1,620 lane miles of pavement, 136 bridges, 364 traffic signals, seven pumping stations and four maintenance facilities. This Program presents individual projects to be implemented in the 2017-2020 fiscal years with the objective of preserving, modernizing, and expanding the County's regional transportation network. It also presents an estimate of revenues and expenditures expected over this period. The Program serves as a basis for annual budgeting and project scheduling, and reflects the Department's commitment to viable improvements as circumstances support at the time of this publication.

## LONG RANGE TRANSPORTATION PLAN

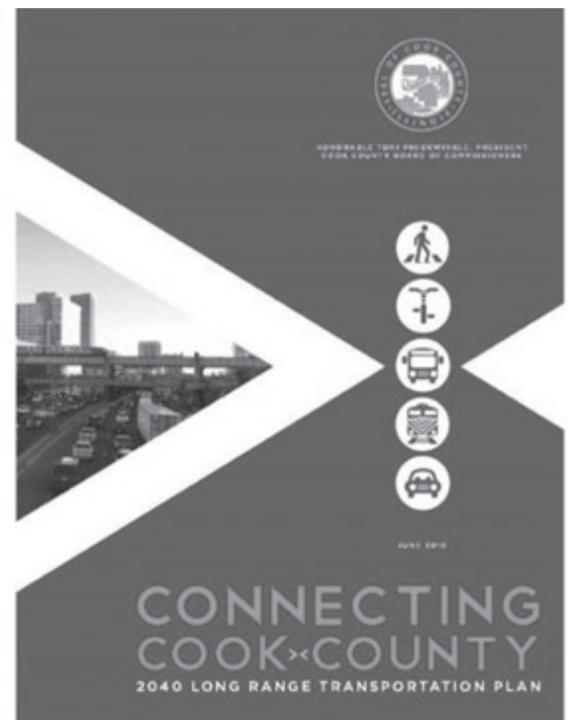
Cook County is pleased to announce the adoption of Connecting Cook County 2040 Long Range Transportation Plan (2040 LRTP) by the Cook County Board of Commissioners, which will act as a policy for the Department for future Multi Year Programs. Connecting Cook County, the County's first strategic transportation plan in 70 years, was developed to guide where and how the County invests in transportation to improve mobility across the region and more fully realize its opportunities to attract and retain businesses, people, capital, and talent.

### NEEDS

As the largest freight hub and second most populous county in the U.S., Cook County serves as the center of the nation's transportation infrastructure. Demand on the County's transportation system is equally immense: 20 million trips per day, continued population and job growth, and 925 million tons of freight movement. Facing scarce financial resources, Cook County must supply transportation services that support existing uses of the system along with new demands brought about by changing demographics, technological developments, and a globally linked supply chain.

### RESOURCES

Cook County enjoys a network of public and private transportation assets featuring two major airports, ten interstate expressways, and one of the country's largest public transit and rail networks. However, the long-term sustainability of these assets and, more importantly, the regional economy are threatened by a lack of vision and investment in aging infrastructure. The Chicago metropolitan area invests less on a per capita basis than many of its international and domestic counterparts. As a result, there has been no significant increase in transit service since the 1990s and ridership has declined. Similarly, the rapid growth in freight shipments makes manufacturing distribution and logistics a key sector of the County's economy, supporting over 176,000 jobs and generating \$12.3 billion in personal income.



**PRIORITIES**

Five policy priorities (see next page) have been developed that will shape the County’s transportation policies and capital improvement program. They will also serve as the foundation for collaborative efforts with other public and private agencies responsible for providing transportation services.



**PRIORITIZE transit and other transportation alternatives**

Improved transit is an essential part of addressing congestion on our roads and meeting the travel needs of residents who cannot afford a car or choose not to have one. Other modes such as walking, biking, car sharing, and ride sharing connect residents to public transportation, schools, stores, work, and more and must be among the options offered to families and businesses when transportation facilities are improved.



**SUPPORT the region’s role as North America’s freight capital**

Metropolitan Chicago’s role as the freight center of North America brings jobs, wages, and sales revenues, but it also presents the challenges of greater congestion, wear and tear on roads and rails, and travel delays. Competitor regions have added strategic capacity and connections to capture a greater portion of growth in the freight sector. As a result, the Chicago region’s market share is slipping. To retain its status as a global freight hub, the County will make plans, policies, and rail and trucking investments with strong public benefits.



**PROMOTE equal access to opportunities**

Regions that are more inclusive—that fully use their human, transportation, real estate, and business assets—achieve greater and more evenly distributed economic growth than less inclusive areas. Within Cook County, transportation services and the opportunities they afford are not equally distributed, which disproportionately affects African Americans and residents of south Cook County. To fully realize equitable distribution of opportunities, the County’s economic development and transportation policies will create a climate conducive to business expansion and to making jobs more broadly accessible.



**MAINTAIN & MODERNIZE what already exists**

Striking the right balance between maintenance and modernization of existing transportation facilities and new construction is a challenge. It is tempting to add new capacity, but failure to maintain what already exists increases long-term operating costs, safety hazards, delays, and congestion. Bringing the average pavement quality of County roads up to “good condition” will require an additional \$60 million per year for the next 10 years. Cook County will use new practices and technologies to improve the capacity of existing transportation facilities and ensure that today’s investments do not preclude future innovation and growth.

### **INCREASE investments in transportation**

Building the robust transportation network that is so critical to the region's economic competitiveness depends upon increased, more reliable and flexible revenue sources. In 2015, Cook County took the unprecedented step of ending the long-standing practice of diverting motor fuel tax funds to other uses. Starting in 2017, this action will provide an additional \$45 million per year to pursue the priorities described in Connecting Cook County. This first step is part of a campaign to increase funding for transportation from multiple sources, including competitive grants, taxes, tolls, and fares.



## **2016 ACCOMPLISHMENTS**

### **HIGHLIGHTS OF 2016 ACCOMPLISHMENTS**

The Department awarded construction contracts for improvements at five (5) locations, totaling \$1.94 million including the reconstruction of the Rosemont Transit Center. By the end of the fiscal year, the Department will have awarded a construction contract for 156th Street as well.

The Department completed construction projects at 17 locations, including the preservation of 9.31 lane miles through resurfacing and/or patching projects and major improvements at Center Street.

### **CENTER STREET**

Construction for the immense Center Street Project from 171st Street to 159th Street started in 2015 and was completed in 2016. Center Street improvements are greatly enhancing the transportation network around Harvey's Industrial Park providing better service to United Parcel Service, the CN Railroad's Gateway Intermodal Terminal, Fore Transportation and other national and local businesses.



### **156TH STREET**

The Department is initiating the reconstruction of 156th Street from Commercial Avenue to Halsted Street in Q4 of 2016. Improvements at 156th Street are an economic development investment that will enhance the road and sewer infrastructure in Harvey adjacent to LB Steel, a steel manufacturer with 225 union employees that expects to add 65 new positions. Funding for the total cost of these improvements are coming from federal and state government grant dollars.



**ROSEMONT TRANSIT CENTER**

The improvements to the Rosemont Transit Station on the CTA Blue Line are a notable example of the Department carrying out the 2040 LRTP’s vision of prioritizing transit and other transportation alternatives. This particular station on the CTA Blue Line is the busiest transfer point in the region between Pace buses and CTA rail. The existing Rosemont Transit Center already exceeds capacity and must be modernized and expanded to accommodate Pace’s new express bus service on the Jane Addams Tollway. The availability of underdeveloped land around the station, which is owned by Cook County and the Tollway, presents future opportunities to build a multi-modal transportation center. In the interim, Cook County is upgrading existing bus bays to accommodate growing Pace use of the transit center. In the long term, Cook County will lead a collaborative process to redevelop the site and build a state-of-the-art multimodal transportation center.

***Interim Rosemont Transit Station Improvements***

- Expand the bus station islands to accommodate two buses in each bay for additional boarding capacity
- Construct two new bus bays for additional boarding and one new bus bay for extra buses to sit on layovers



- Upgrade sidewalks and bus boarding islands for improved ADA compliance
- Improve pedestrian and bicycle access and safety around the transit center with additional sidewalks, crosswalks and bike racks
- Improve the flow of traffic for taxi, shuttle, bicyclist, pedestrian, and Kiss-n-Ride zones
- Realign the bus lanes from the Tollway exit to reduce conflict with vehicular traffic around the parking lots upon entry into the Transit Center
- Repair pavement and construct new parking lot gates

**2017 TRANSPORTATION PROGRAM**

The Cook County 2017-2020 Transportation Program includes \$423.4 million in engineering, construction, right-of-way acquisition and maintenance contracts (Figure 10). The Program is fiscally constrained based on expected levels of funding from current revenue sources. First and foremost, the Department is focused on maintaining and preserving existing infrastructure assets. Modernization and expansion of an integrated transportation system is undertaken only as funding becomes available. A complete project list, including project type, location, scope, and funding is presented at the end of this section.

Implementing 2040 LRTP’s vision within the 2017-2020 Transportation Program includes projects that follow the five policy priorities outlined within the plan. The majority of this first wave of economic development oriented investments are located in the south suburbs—a sub-region where economic growth has lagged behind other parts of the County.

The 2017-2020 Program includes three fully funded industrial truck route improvements representing \$11.8 million in public investment. These projects, 131st Street, 134th Street, and 156th Street, are local and major collector roads in the Villages of Alsip and Riverdale, and the City of Harvey which lacked the engineering and construction resources to rebuild them. The County secured full project funding through grants from the Illinois Departments of Transportation and Commerce and Economic Opportunity in addition to contributing Motor Fuel Tax and Community Development Block Grants (CDBG) resources.

<b>FUNDED PROJECTS BY FISCAL YEAR (ALL COSTS IN THOUSANDS)</b>					
<b>PROJECT YEAR</b>	<b>PRELIMINARY ENGINEERING</b>	<b>ROW</b>	<b>DESIGN ENGINEERING</b>	<b>CONSTRUCTION/ MAINTENANCE</b>	<b>TOTAL COST</b>
FY 2017	\$3,000	\$892	\$3,306	\$93,250	\$100,448
FY 2018	\$1,900	\$150	\$5,963	\$188,010	\$196,023
FY 2019	\$1,000	\$50	\$2,063	\$87,365	\$90,478
FY 2020	\$1,000	\$50	\$4,613	\$30,736	\$36,399
<b>TOTAL</b>	<b>\$6,900</b>	<b>\$1,142</b>	<b>\$15,945</b>	<b>\$399,361</b>	<b>\$423,348</b>

## **PROGRAM DEVELOPMENT**

The projects included in the 2017-2020 Program are developed under the current Department of Transportation and Highways planning process. This process first identifies the need for an improvement by integrating stakeholder input with the results of highway inventories, traffic surveys, crash analyses, pavement condition analyses, intersection design studies, drainage analyses, maintenance records, and collaborative opportunities. Once the need is identified, preliminary design studies are conducted to select a preferred alternative in coordination with local municipalities. Detailed design plans, specifications, and construction costs are then prepared and needed right-of-way is secured before letting a construction contract to complete the project.

While projects presented in this plan are scheduled for a specific year based upon a purpose and need for improvement, the construction schedule in any year is subject to plan readiness, funding availability, and regional coordination with other projects. Projects may be removed, deferred, or replaced with other projects over the year based on circumstances related to funding opportunities, traffic or safety considerations, or development patterns.

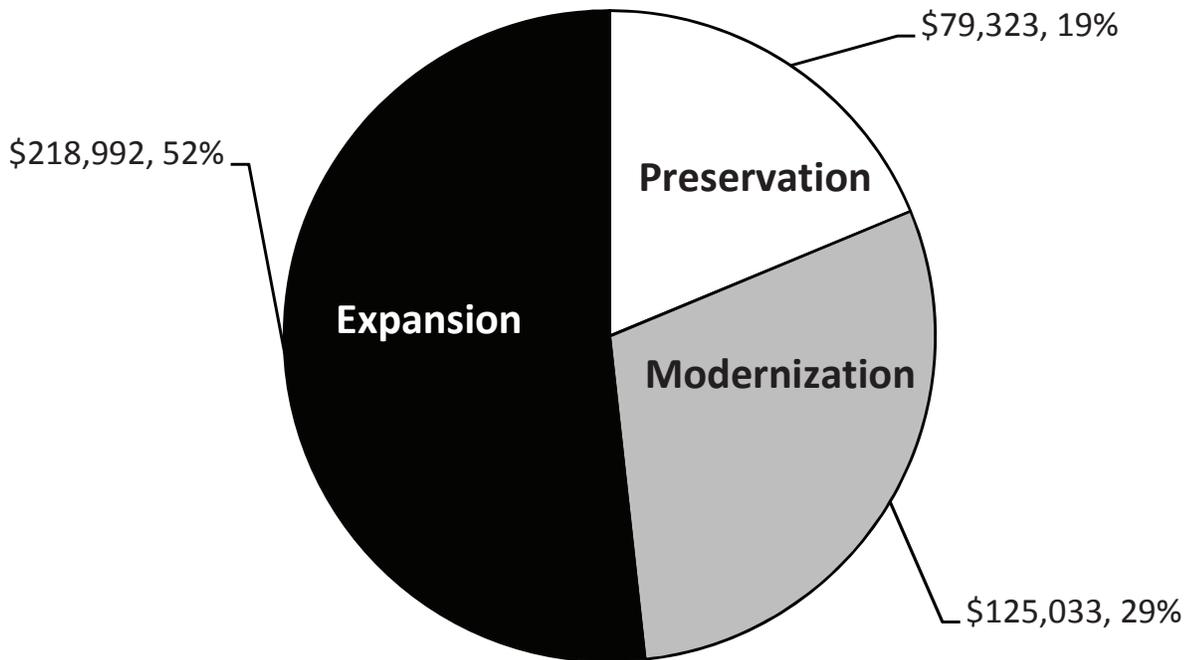
## **PROGRAM CATEGORIES**

In alignment with the County's new vision outlined in the LRTP, a three (3) project classification system has been developed laying the ground work for the Department to develop a new project prioritization and evaluation system that will be implemented to ensure there is a high return to the County in the form of economic growth and/or improvised quality of life.

- Preservation Projects repair or maintain existing assets
- Modernization Projects replace existing assets with upgrades to current standards and/or to accommodate future opportunities for enhancement
- Expansion Projects include new roadway alignments, multi-use path connections and roadway widening to meet long-term growth needs

Funding share for the three program categories is shown in pie chart on the next page. A full of list of the 2017-2020 Program's projects with their associated costs is presented at the end of this section.

## 2017-2020 Funding Share of Program Categories (\$1,000's)



### PRESERVATION PROJECTS

This category includes projects aimed at extending the service life of County roadways, bridges, traffic signals and other transportation related items to minimize their life cycle cost. Preservation Projects funded in the 2017-2020 Transportation Program total \$79.3 million.

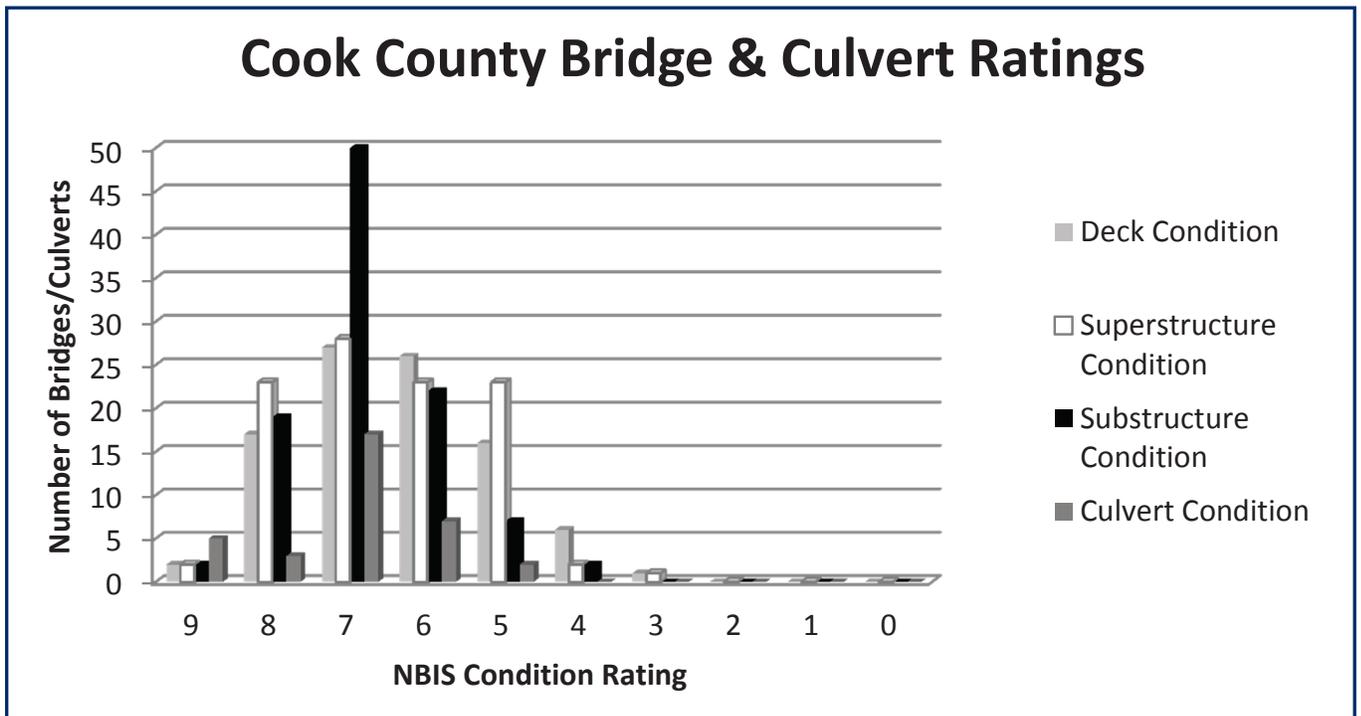
#### PAVEMENT PRESERVATION AND REHABILITATION PROGRAM

The Department utilizes its Pavement Preservation and Rehabilitation Program in preserving the Department's largest asset. Two countywide contracts for Pavement Preservation and Rehabilitation are programmed for each fiscal year in 2017-2020. These contracts address multiple project locations in one region (north or south), through a single construction contract. Aggregating smaller project locations allows the Department to improve efficiency in both design and construction, streamline the procurement process, and take advantage of economies of scale to lower construction costs. Locations to be included in these contracts will be determined based on roadway condition, utilizing a data-driven evaluation of the current roadway system. The Program includes 11 defined locations of Pavement Preservation and Rehabilitation projects (specific locations listed at the end of this section) to be awarded in 2016 and constructed in 2017 that total \$5.0 million. The Department intends to award an additional set of Pavement Preservation and Rehabilitation projects in Q2 of 2017 that total \$10 million.

**BRIDGE PROGRAM**

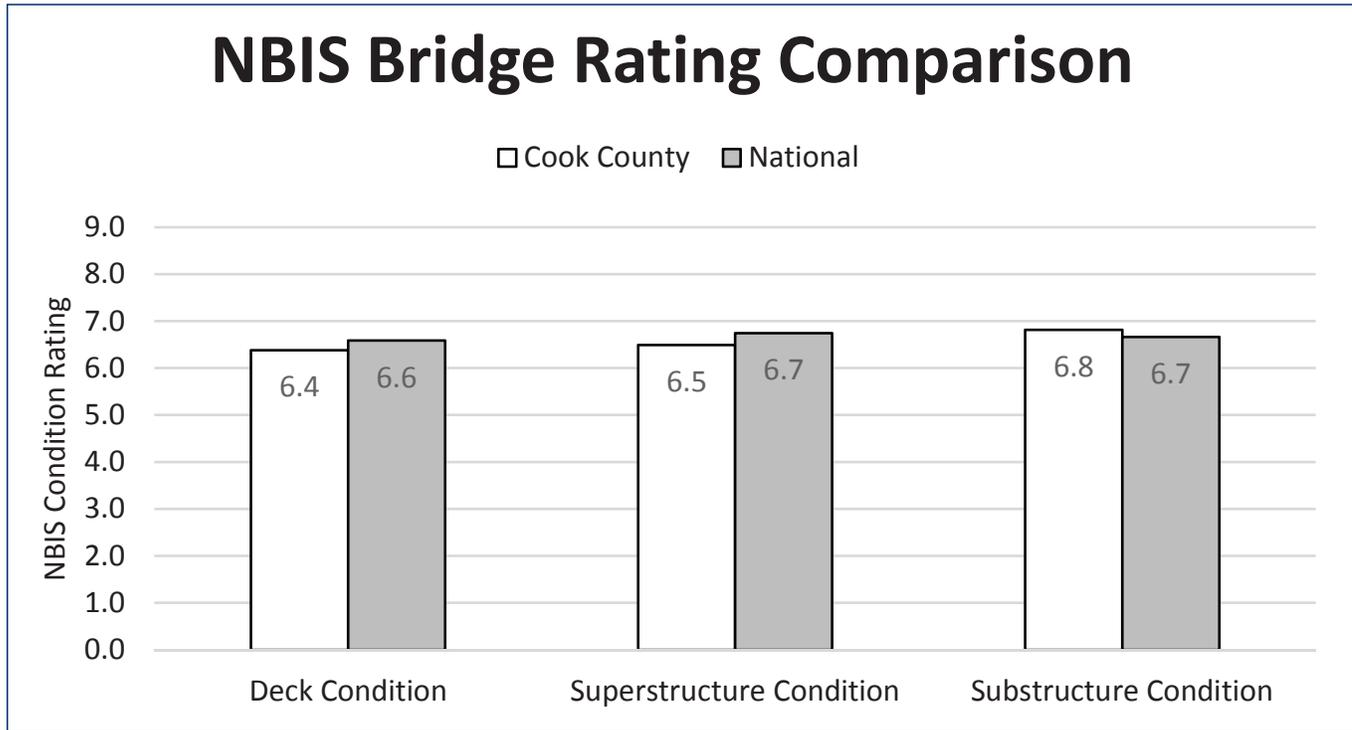
Projects in this category extend the service life of bridges through repairs. Typical bridge repairs include joint or bearing replacement, partial and full deck patching, substructure repairs, and bridge painting. In-house crews perform preventive maintenance, such as power washing and scupper cleaning annually. This category does not include major rehabilitation, bridge replacement and the construction of new bridges that are included in Modernization and Expansion Projects. The Bridge Program includes \$3.0M in the 2017-2020 Transportation Program.

The Department inspects its structure inventory on a routine basis, in accordance with National Bridge Inspection Standards (NBIS). Through a regular inspection and repair program, the Department currently maintains acceptable NBIS condition ratings seen in Figure 2. NBIS condition ratings range from 0 (failed condition) to 9 (excellent condition).



**HOW DOES THE COUNTY COMPARE?**

The Department has successfully been maintaining its bridges near the nationwide average with a constrained budget. Future bridge work within this Transportation Program will work towards bringing bridge ratings up to or above nationwide averages.



Source: FHWA 2013 Status of the Nation's Highways, Bridges, and Transit Conditions & Performance

**COUNTYWIDE MAINTENANCE PROGRAM**

The Department is dedicated to maintaining County transportation facilities through a combination of internal operations and maintenance contracts. The Countywide Maintenance Program in the 2017-2020 Transportation Program totals \$21.9 million, funding maintenance contracts for pavement markings, signage, traffic signal, mechanical maintenance, street sweeping, and snow removal. This total also includes materials used by Department maintenance staff such as salt, stone, asphalt patching material, and equipment rental.

### DID YOU KNOW?

The Department of Transportation and Highways is responsible in maintaining 1,620 Lane Miles of roadways that include tasks such as:

- Snow and ice control operations
- Maintaining a safe riding surface
- Resolving drainage issues
- Repairing storm sewers
- Mowing operations
- Tree trimming operations
- Assisting local agencies in emergency responses
- Traffic Control Devices
  - Signs
  - Pavement Markings
  - Traffic Control Signals



### MODERNIZATION PROJECTS

Projects in this category involve the replacement of assets such as pavement, traffic signals, structures, drainage systems, medians, sidewalks, or multi-use paths. These improvements include design elements to accommodate for future enhancement opportunities while providing safety and capacity improvements to the system. Major Reconstruction projects funded in the 2017-2020 Transportation Program total \$125 million, and include reconstruction of:

- 108th Avenue – 167th Street to 159th Street
- 134th Street – Halsted Street to Marsden Drive
- 156th Street – Commercial Avenue to Halsted Street
- Happ Road over Skokie River – bridge replacement
- 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

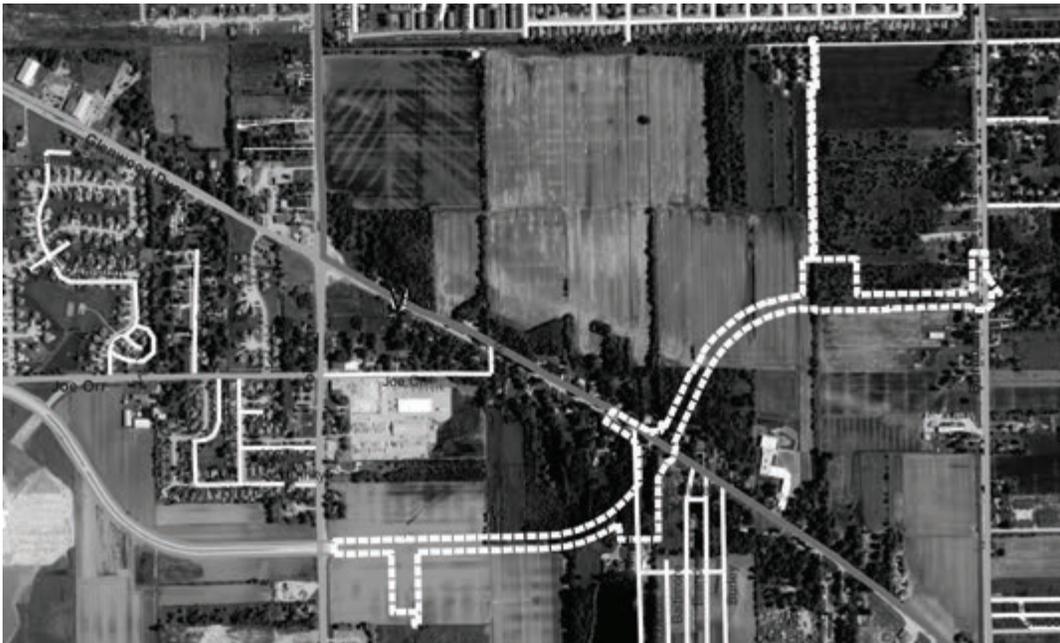


Funding has also been programmed for preliminary and design engineering of several Modernization Projects. As the full scopes of these projects develop, appropriate funding for construction will be considered for inclusion in future Transportation Programs.

**EXPANSION PROJECTS**

Projects in this category involve new roadway construction, multi-use path connections and roadway widening to meet long-term growth needs providing regional transportation and economic benefits. These corridor improvements typically require multi-agency coordination and leverage federal state and local partnerships for funding and execution. Expansion Projects funded in the 2017-2020 Transportation Program total to \$219 million, including construction of:

- Central Road – Ela Road to Roselle Road
- County Line Road – I-294 to North Avenue
- Lake Cook Road Reconstruction – Raupp Boulevard to Hastings Lane
- Joe Orr Road Extension – Torrence Avenue to Burnham Avenue
- Touhy Avenue – Elmhurst Road to Mt Prospect Avenue
- Skokie Valley Trail Bridge over Lake Cook Road – construction of a new pedestrian and bicycle bridge connecting the Skokie Valley Trail from Lake County into Cook County



*The Joe Orr Road extension will provide an East-West Bi-State highway link that will not only reduce congestion but spur economic development in the area.*



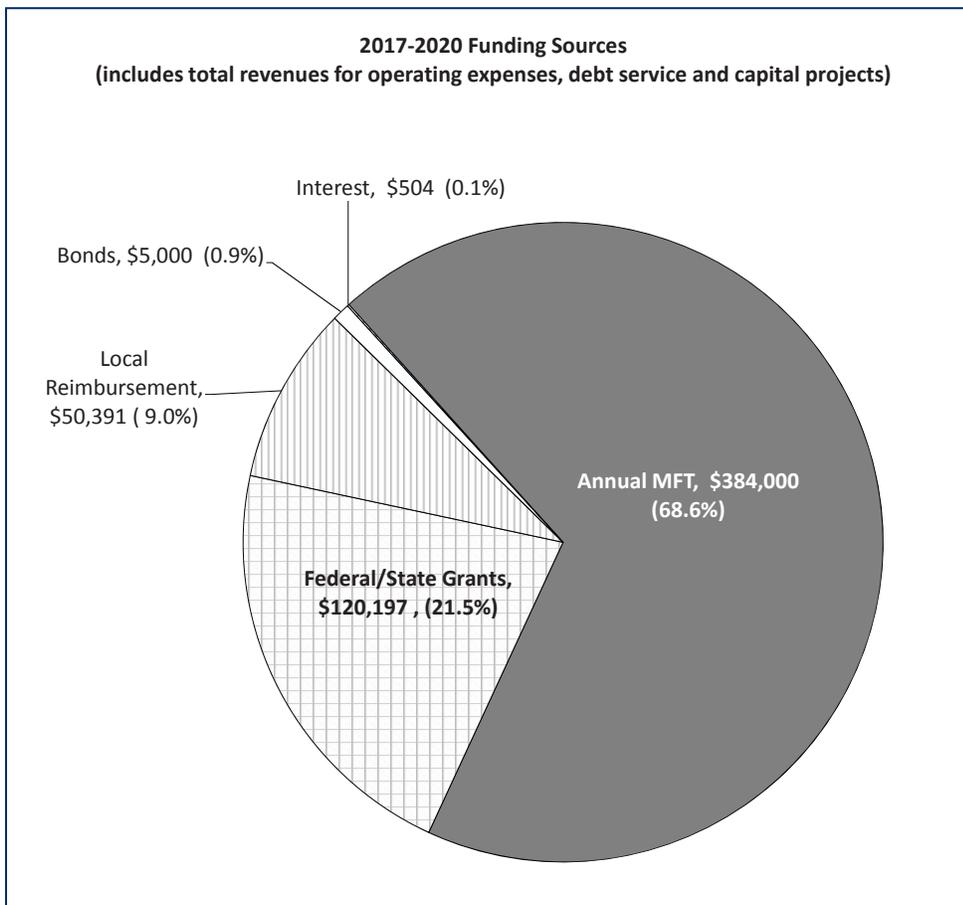
*Touhy Avenue will be fully rebuilt corridor that will focus on the needs of all modes of transportation.*

## 2017-2020 FUNDING ESTIMATES

The 2017-2020 Transportation Program is funded primarily by Motor Fuel Tax (MFT) revenues, supplemented with Federal and State grants, local reimbursements, the balance of the 2012 Cook County Road Construction Bond Program, and bank account interest. Over the next 4 years, a total of \$423.4 million is estimated in transportation revenue (see charts at the end of this section).

### REVENUES

The MFT revenue collected, administered, and allocated by the State of Illinois, is a fixed amount per gallon of fuel purchased. Therefore, rising fuel prices do not result in increased revenues, as a percentage tax would. As fuel prices have increased over the past decade, fewer miles are being driven and automobiles have become more fuel-efficient. This trend has resulted in significant decline in MFT receipts, although construction costs have continued to rise creating a structural gap in funding. MFT revenues in the past 3 years have been relatively constant and are projected to remain constant for the purposes of developing this Program.



Federal and State programs offer competitive grant funding for projects that meet certain criteria, and the Department continues to pursue partnerships with local and regional agencies which position us to receive this grant funding. Approximately \$101.3 million from Federal Surface Transportation Program (STP) and the Congestion Mitigation and Air Quality Program (CMAQ) has been secured for projects in this Plan. This funding is primarily associated with the regionally significant County Line Road, Touhy Avenue and Lake Cook Road projects. Further, \$6.8 million in federal funds specifically

for bridge replacement projects is included in the 2017-2020 Program. The Department will continue to pursue federal funding for regionally significant projects, including the Joe Orr Road extension to the State of Indiana and the Vollmer Road vertical clearance improvement, as well as smaller, targeted enhancement projects.

Collaboration with the State and local municipalities in recent years has resulted in success securing new State and Federal funding sources related to economic development for a number of projects, including \$5.06 million in IDOT Economic Development Program (EDP) funds for 131st Street, 134st Street and 156th Street projects, \$1.27 million in federal Community Development Block Grant funding for 156th Street project, and \$2.5 million in Illinois Department of Commerce and Economic Opportunity funds for the 167th Street project.

Finally, local reimbursements from municipalities, the Metropolitan Water Reclamation District, and the Illinois State Toll Highway Authority provide project funding to support collaborative improvements which impact multiple jurisdictions and involve multi-agency coordination.

**EXPENDITURES**

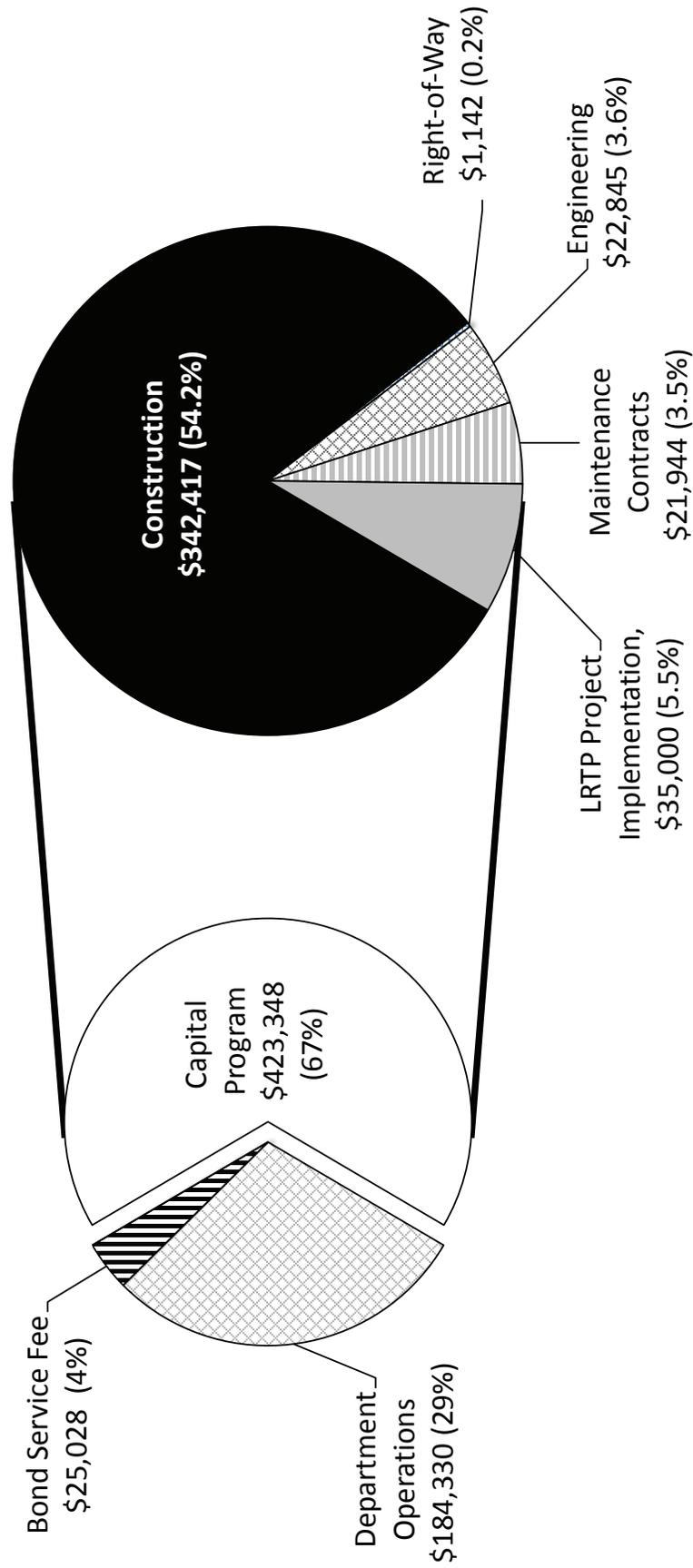
The majority of revenues received is expended in the 2017-2020 Program improvements which include construction, engineering, and land acquisition for highway improvements, and an allocation of funds for the new LRTP Project Implementation, as well as maintenance contracts and materials. Starting in 2017, the allocation to Public Safety ceases with the end of Motor Fuel Tax diversions. This action, a priority of the 2040 LRTP calling for increased transportation infrastructure investment, is one of many implementation action items already undertaken by the Cook County Board President.

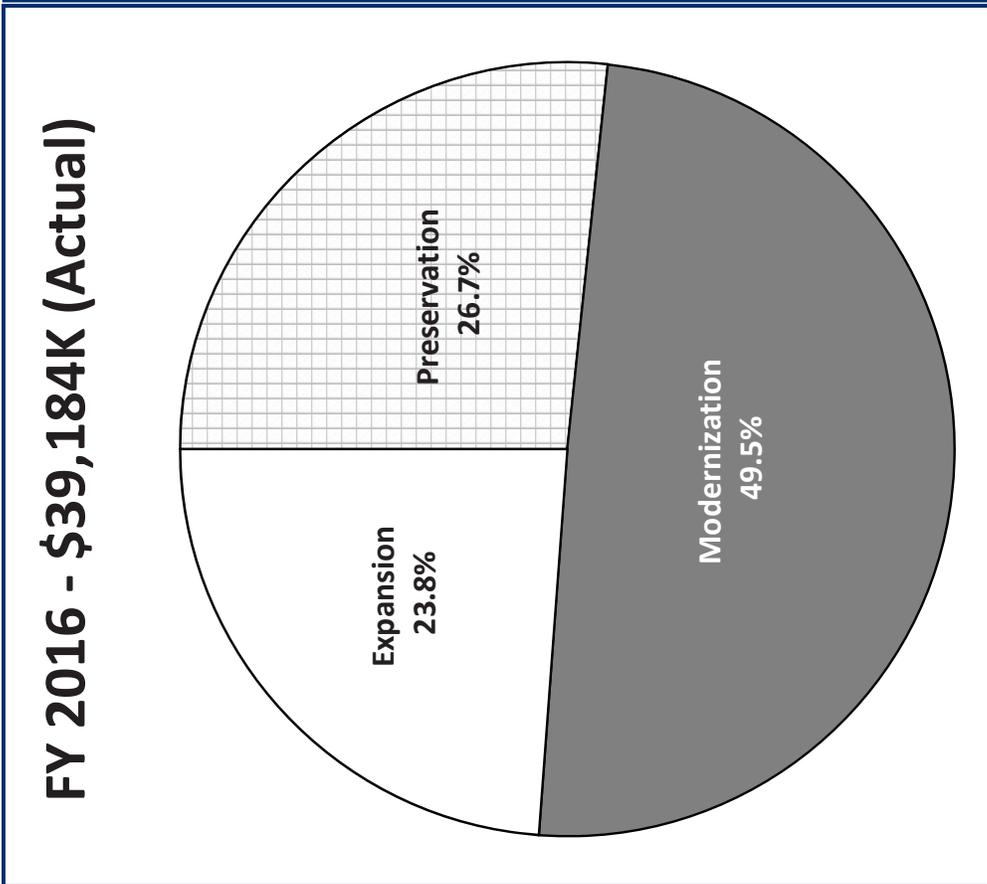
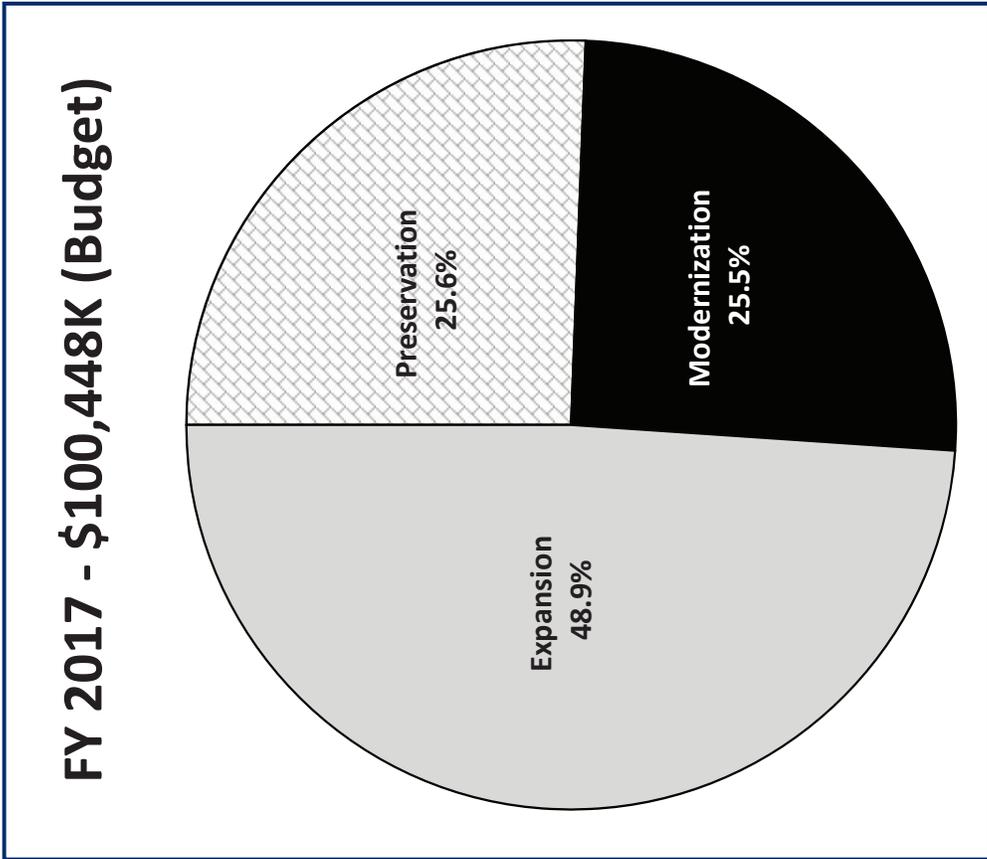
The restoration of the Motor Fuel Tax funds allows for increased transportation investment annually, however an increased operating budget, expecting to remain relatively constant for the next four years, creates a gap in funding required to advance projects in the desired future fiscal year. The desired year is based on plan readiness and a commitment to implement projects in the fiscal years which align with the specified grant award. To achieve the desired timetable, the Department continues to aggressively pursue an appropriation in a forthcoming State Capital Bill in addition to external grant funding sources.

<b>FUND SOURCE PROJECTION SUMMARY (ALL COST IN THOUSANDS)</b>					
	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>TOTAL FUNDING</b>
Annual MFT	\$41,528	\$42,974	\$44,377	\$45,738	\$174,617
Federal/State Grants	\$33,446	\$65,651	\$21,100	\$0	\$120,197
Local Reimbursements	\$20,348	\$27,808	\$2,235	\$0	\$50,391
Bonds	\$5,000	-	-	-	\$5,000
Interest	\$126	\$126	\$126	\$126	\$504
Future Appropriation	-	\$59,464	\$22,640	(\$9,465)	\$72,639
<b>TOTAL</b>	<b>\$100,448</b>	<b>\$196,023</b>	<b>\$90,478</b>	<b>\$36,399</b>	<b>\$423,348</b>

The Department covers a large jurisdictional area and strives to disperse projects in a strategic fashion to meet the critical needs of the regional transportation system. Though a single regionally significant or major reconstruction project may allocate more funding to one geographical area over another in a short term horizon, the distribution of expenditures is expected to balance over time.

### 2017-2020 Disbursements





Cook County Department of Transportation and Highways  
2016-2020 Transportation Program

County Board District	Project Type	Location	Route	Limits	Miles	Scope of Work	Phase	Funding Type	FY-16	FY-17	FY-18	FY-19	FY-20	Estimated Total Cost (1,000's)	County Funding	Outside Funding	
11	M	Oak Lawn	103rd Street	Central Avenue to Cicero Avenue	1.0	Pavement Reconstruction, Traffic Signal Modernization, Multi-Use Path	Prelim. Engineering ROW Engineering Construction	M	\$0	\$0	\$0	\$4,500	\$0	\$0	\$4,500	\$4,500	\$0
<b>Project Total</b>																	
17	M	Oriand Park	108th Avenue	167th Street to 159th Street	1.01	3 Lane Pavement Reconstruction, Drainage Improvements, Shared Use Path	Prelim. Engineering ROW Engineering Construction	M	\$400	\$100	\$100	\$0	\$0	\$400	\$9,000	\$9,500	\$0
<b>Project Total</b>																	
5, 6	M	Alsip	131st Street	Pulaski Road to Kedzie Avenue	1.0	Pavement Reconstruction	Prelim. Engineering ROW Engineering Construction	M	\$50	\$300	\$5,330	\$0	\$0	\$50	\$5,680	\$200	\$5,480
<b>Project Total</b>																	
5	M	Rivendale	134th Street	Halsted Street to Marsden Drive	0.27	Drainage Improvements, Traffic Signal Modernization, Pavement Reconstruction	Prelim. Engineering ROW Engineering Construction	F, S	\$226	\$226	\$3,120	\$0	\$0	\$226	\$226	\$0	\$3,572
<b>Project Total</b>																	
5	M	Harvey	158th Street	Commercial Avenue to Halsted St	0.7	Pavement Reconstruction, Storm Sewer Improvements	Prelim. Engineering ROW Engineering Construction	F, S	\$2,548	\$0	\$0	\$0	\$0	\$2,548	\$2,548	\$0	\$2,548
<b>Project Total</b>																	
6	M	Tinley Park	80th Avenue (Village Letting)	at Timber Drive	-	Traffic Signal Installation and interconnection	Prelim. Engineering ROW Engineering Construction	M	\$235	\$0	\$0	\$0	\$0	\$235	\$235	\$0	\$0
<b>Project Total</b>																	
Various	P	Various	Bridge Repairs	Various Locations South	-	Bridge Repairs	Prelim. Engineering ROW Engineering Construction	M	\$0	\$750	\$0	\$750	\$0	\$0	\$1,500	\$1,500	\$0
<b>Project Total</b>																	
Various	P	Various	Bridge Repairs	Various Locations North	-	Bridge Repairs	Prelim. Engineering ROW Engineering Construction	M	\$500	\$0	\$0	\$0	\$0	\$500	\$500	\$0	\$0
<b>Project Total</b>																	
9, 15	M	Mt. Prospect	Busse Road	Golf Road to Central Road	1.24	Pavement Reconstruction and Multi-Use Path	Prelim. Engineering ROW Engineering Construction	M	\$0	\$0	\$0	\$0	\$0	\$0	\$1,500	\$1,500	\$0
<b>Project Total</b>																	
16	P	Stickney, Forest View	Central Avenue	North of I-55 to Pershing Road	-	Bridge Deck Replacement	Prelim. Engineering ROW Engineering Construction	M	\$500	\$300	\$0	\$0	\$0	\$500	\$500	\$0	\$0
<b>Project Total</b>																	
Various	P	Various	Bridge Repairs	Various Locations North	-	Bridge Repairs	Prelim. Engineering ROW Engineering Construction	M	\$0	\$0	\$0	\$0	\$0	\$0	\$2,300	\$2,300	\$0
<b>Project Total</b>																	

Cook County Department of Transportation and Highways  
2016-2020 Transportation Program

County Board District	Project Type	Location	Route	Limits	Miles	Scope of Work	Phase	Funding Type	FY-16	FY-17	FY-18	FY-19	FY-20	Estimated Total Cost (1,000's)	County Funding	Outside Funding
15	E	Hoffman Estates, Schaumburg, Schaumburg Township	Central Road	Ela Road to Roselle Road	0.7	4 Lane Reconstruction with Median	Prelim. Engineering Engineering Construction	M	\$0	\$21,000	\$0	\$0	\$0	\$21,000	\$10,000	\$11,000
<b>Project Total</b>																
17	M	Burr Ridge	County Line Road	at Carriage Way Drive	-	Pavement Reconstruction and Rehabilitation	Prelim. Engineering ROW Engineering Construction	M	\$100	\$600	\$0	\$0	\$0	\$700	\$700	\$0
<b>Project Total</b>																
17	E	North Lake, Elmhurst	County Line Road	I-294 to North Ave	2.37	New Roadway Construction, Pavement Reconstruction, Intersection Reconfiguration	Prelim. Engineering ROW Engineering Construction	M	\$4,000	\$8,500	\$8,500	\$9,000	\$9,000	\$39,000	\$39,000	\$0
<b>Project Total</b>																
Various	M/E	Various	Countywide	Various Locations	-	L RTP Implementation Projects	Prelim. Engineering ROW Engineering Construction	M	\$0	\$27,005	\$9,833	\$0	\$0	\$36,838	\$0	\$36,838
<b>Project Total</b>																
Various	P	Various	Diamond Grinding	Various Locations		Concrete Roadway Diamond Grinding	Prelim. Engineering ROW Engineering Construction	M	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Project Total</b>																
9	P	Elmwood Park	Diversey Avenue	75th Avenue to Harlem Avenue	0.37	Hot-Mix Asphalt Resurfacing and/or Concrete Patching	Prelim. Engineering ROW Engineering Construction	M	\$135	\$135	\$0	\$0	\$0	\$135	\$135	\$0
<b>Project Total</b>																
13	P	Wilmette, Skokie	East Frontage Road (94) (Pavement Preservation & Rehabilitation)	Old Orchard Road north to Glenview Road	0.61	Hot-Mix Asphalt Resurfacing with Patching	Prelim. Engineering ROW Engineering Construction	M	\$0	\$426	\$0	\$0	\$0	\$426	\$426	\$0
<b>Project Total</b>																
17	E	Various	Elgin O'Hare Western Access (EOWA)	Western Access	-	Corridor Enhancement Study	Prelim. Engineering ROW Engineering Construction	M	\$200	\$0	\$0	\$0	\$0	\$200	\$200	\$0
<b>Project Total</b>																
5	P	Flossmoor	Flossmoor Avenue (Pavement Preservation & Rehabilitation)	at Kedzie Avenue	0.2	Joint Repair and PCC Patching	Prelim. Engineering ROW Engineering Construction	M	\$0	\$78	\$0	\$0	\$0	\$78	\$78	\$0
<b>Project Total</b>																
5	P	Markham	Frontage Road (Pavement Preservation & Rehabilitation)	at Crawford Ave. (Approx. 1100 ft. section)	0.21	Hot-Mix Asphalt Resurfacing	Prelim. Engineering ROW Engineering Construction	M	\$0	\$256	\$0	\$0	\$0	\$256	\$256	\$0
<b>Project Total</b>																

Cook County Department of Transportation and Highways  
2016-2020 Transportation Program

County Board District	Project Type	Location	Route	Limits	Miles	Scope of Work	Phase	Funding Type	FY-16	FY-17	FY-18	FY-19	FY-20	Estimated Total Cost (1,000's)	County Funding	Outside Funding	
9	P	Elmwood Park	Fullerton Avenue	Webster Street to Harlem Avenue	1.00	Hot-Mix Asphalt Resurfacing and/or Concrete Patching	Prelim. Engineering ROW Engineering Construction Project Total	M	\$135	\$0	\$0	\$0	\$0	\$0	\$135	\$135	\$0
13	M	Wilmette, Northfield	Happ Road	over Skokie River	-	Bridge Removal and Replacement	Prelim. Engineering ROW Engineering Construction Project Total	M, F	\$0	\$4,000	\$0	\$0	\$0	\$0	\$4,000	\$880	\$3,120
13	M	Northfield	Happ Road	Winnelka Road to Willow Road	0.57	Pavement Reconstruction, Intersection Improvement	Prelim. Engineering ROW Engineering Construction Project Total	M	\$500	\$0	\$0	\$0	\$0	\$0	\$500	\$500	\$0
13	M	Wilmette	Hibbard Road (DOT Letting)	at Skokie Blvd.	-	Intersection Improvements, Traffic Signal Installation	Prelim. Engineering ROW Engineering Construction Project Total	M	\$325	\$0	\$0	\$0	\$0	\$0	\$325	\$300	\$300
15	M	Streamwood	Irving Park Road	at Bartlett Road	-	Intersection Improvements, Traffic Signal Modernization	Prelim. Engineering ROW Engineering Construction Project Total	M	\$10	\$453	\$0	\$0	\$0	\$0	\$463	\$788	\$788
6	E	Lynwood	Joe Orr Road	Torrence Avenue to Burnham Avenue	1.15	New Roadway Construction, 4 Lanes with Median	Prelim. Engineering ROW Engineering Construction Project Total	M	\$750	\$0	\$0	\$0	\$0	\$0	\$750	\$0	\$0
5	P	Ford Heights, Lynwood, Glenwood, Bloom TWP	Joe Orr Road (Pavement Preservation & Rehabilitation)	Cottage Grove to Stony Island	1.23	Hot-Mix Asphalt Resurfacing	Prelim. Engineering ROW Engineering Construction Project Total	M	\$0	\$1,073	\$0	\$0	\$0	\$0	\$1,073	\$1,073	\$0
5	P	Blue Island, Robbins	Kedzie Ave. Service Drives East & West (Pavement Preservation & Rehabilitation)	143rd Street to 141st Street	0.45	Hot-Mix Asphalt Resurfacing	Prelim. Engineering ROW Engineering Construction Project Total	M	\$0	\$336	\$0	\$0	\$0	\$0	\$336	\$336	\$0
8	M	Chicago	Kedzie Avenue	at Milwaukee Avenue and Logan Blvd	-	Intersection Improvements	Prelim. Engineering ROW Engineering Construction Project Total	M	\$240	\$0	\$0	\$0	\$0	\$0	\$240	\$240	\$0
5, 6	M	Markham, Flossmoor, Homewood	Kedzie Avenue	Flossmoor Road to 159th Street	4.01	Pavement Patching and Pavement Resurfacing	Prelim. Engineering ROW Engineering Construction Project Total	M, F	\$600	\$0	\$0	\$0	\$0	\$0	\$600	\$600	\$0
									\$0	\$600	\$1,000	\$4,500	\$0	\$6,100	\$4,100	\$2,000	

Cook County Department of Transportation and Highways  
2016-2020 Transportation Program

County Board District	Project Type	Location	Route	Limits	Miles	Scope of Work	Phase	Funding Type	FY-16	FY-17	FY-18	FY-19	FY-20	Estimated Total Cost (1,000's)	County Funding	Outside Funding	
5	P	Markham	Kedzie Avenue (Pavement Preservation & Rehabilitation)	at 163rd St. Intersection (Approx. 250 ft. section)	-	Hot-Mix Asphalt Resurfacing	Prelim. Engineering ROW Engineering Construction	M	\$0	\$141	\$0	\$0	\$0	\$0	\$141	\$141	\$0
<b>Project Total</b>																	
14	P	Buffalo Grove	Lake Cook Road (Bridge Repairs 2016)	over Buffalo Creek	-	Joint Replacement, Deck and Structural Repairs	Prelim. Engineering ROW Engineering Construction	M	\$218	\$0	\$0	\$0	\$0	\$0	\$218	\$218	\$0
<b>Project Total</b>																	
14	P	Buffalo Grove	Lake Cook Road (Bridge Repairs 2016)	over Wisconsin-Central Railroad	-	Joint Replacement, Deck and Structural Repairs	Prelim. Engineering ROW Engineering Construction	M	\$366	\$0	\$0	\$0	\$0	\$0	\$366	\$366	\$0
<b>Project Total</b>																	
14	E	Buffalo Grove, Wheeling, Northbrook, Northfield TWP	Lake Cook Road (Contract 1)	Raupp Blvd to Hastings Lane (Welland Road Extension)	1.47	Pavement Reconstruction, New Roadway Construction, Bridge Improvements, Traffic Signal Improvements	Prelim. Engineering ROW Engineering Construction	M, F, L	\$0	\$0	\$0	\$0	\$0	\$0	\$37,339	\$19,404	\$17,935
<b>Project Total</b>																	
14	E	Buffalo Grove, Wheeling, Northbrook, Northfield TWP	Lake Cook Road (Contract 2)	Raupp Blvd to Hastings Lane (Buffalo Grove Road to Illinois Route 83/McHenry Road)	1.21	Pavement Reconstruction, Intersection and Traffic Signal Improvements	Prelim. Engineering ROW Engineering Construction	M	\$2,500	\$0	\$0	\$0	\$0	\$0	\$2,500	\$0	\$0
<b>Project Total</b>																	
14	P	Northbrook	Lake Cook Road (Pavement Preservation & Rehabilitation)	at Takeda Parkway	0.13	Hot-Mix Asphalt Resurfacing	Prelim. Engineering ROW Engineering Construction	M	\$0	\$271	\$0	\$0	\$0	\$0	\$271	\$271	\$0
<b>Project Total</b>																	
14	M	Northbrook	Lee Road (IDOT Letting)	Shermer Road to Dundee Road	0.08	Pavement Reconstruction	Prelim. Engineering ROW Engineering Construction	M	\$0	\$0	\$150	\$0	\$0	\$0	\$150	\$150	\$0
<b>Project Total</b>																	
5, 6	E	Chicago Heights, Ford Heights, Sauk Village	Lincoln Highway Logistics Corridor Study	Chicago Road to I-394, Joe Orr Rd to Sauk Trail	-	Corridor Enhancement Study	Prelim. Engineering ROW Engineering Construction	F	\$225	\$0	\$0	\$0	\$0	\$0	\$225	\$0	\$0
<b>Project Total</b>																	
6	E	Crestwood	Midlothian Turnpike Sidewalks/Bike Path	Central Avenue to Pulaski Road	2.07	Multi-Use Path	Prelim. Engineering ROW Engineering Construction	M	\$34	\$0	\$0	\$0	\$0	\$0	\$34	\$0	\$0
<b>Project Total</b>																	
15	P	South Barrington	Mundthank Road	Higgins Road to Meadow Court	0.96	Pavement Patching, Pavement Resurfacing, Drainage Improvements	Prelim. Engineering ROW Engineering Construction	M	\$61	\$0	\$0	\$0	\$0	\$0	\$61	\$61	\$0
<b>Project Total</b>																	

Cook County Department of Transportation and Highways  
2016-2020 Transportation Program

County Board District	Project Type	Location	Route	Limits	Miles	Scope of Work	Phase	Funding Type	FY-16	FY-17	FY-18	FY-19	FY-20	Estimated Total Cost (1,000's)	County Funding	Outside Funding	
15	P	South Barrington	Mundthark Road (Pavement Preservation & Rehabilitation)	Barrington Road to Freeman Road	0.96	Hot-Mix Asphalt Resurfacing with Patching	Prelim. Engineering ROW Engineering Construction Project Total	M	\$0	\$870	\$0	\$0	\$0	\$0	\$870	\$870	\$0
13	M	Skokie	Old Orchard Road	Woods Drive to Skokie Blvd. (US-41)	0.67	Pavement Reconstruction, Bridge Rehabilitation	Prelim. Engineering ROW Engineering Construction Project Total	M	\$1,910	\$0	\$0	\$0	\$0	\$0	\$1,910	\$1,910	\$0
Various	P	Various	Pavement Preservation & Rehabilitation	Various Locations North	-	Hot-Mix Asphalt Resurfacing and/or Concrete Patching	Prelim. Engineering ROW Engineering Construction Project Total	M, F, S	\$2,020	\$0	\$0	\$17,739	\$17,739	\$19,759	\$3,859	\$15,900	\$0
Various	P	Various	Pavement Preservation & Rehabilitation	Various Locations South	-	Hot-Mix Asphalt Resurfacing and/or Concrete Patching	Prelim. Engineering ROW Engineering Construction Project Total	M	\$0	\$4,000	\$4,500	\$4,000	\$4,000	\$4,000	\$16,500	\$16,500	\$0
4, 5, 6	P	Thornton Township	Pavement Rehabilitation Supplement (Township Letting)	Various Locations	-	Hot-Mix Asphalt Resurfacing and/or Concrete Patching	Prelim. Engineering ROW Engineering Construction Project Total	M	\$200	\$0	\$0	\$0	\$0	\$0	\$200	\$200	\$0
16, 17	M	Various	Plainfield Road	County Line Road to 1st Avenue	4.43	Pavement Reconstruction, Drainage Improvement	Prelim. Engineering ROW Engineering Construction Project Total	M	\$700	\$0	\$0	\$0	\$0	\$0	\$700	\$700	\$0
5, 6	M	Alsip, Crestwood, Robbins	Puaski Ave	127th Street to 143rd Street	1.93	Pavement Reconstruction	Prelim. Engineering ROW Engineering Construction Project Total	M	\$700	\$0	\$0	\$0	\$0	\$0	\$700	\$700	\$0
14	M	Deer Park, Palatine	Quentin Road	Dundee Road to Lake Cook Road	1.15	Pavement Reconstruction, Bridge Replacement, Shared Use Path	Prelim. Engineering ROW Engineering Construction Project Total	M, F	\$0	\$1,500	\$18,000	\$0	\$0	\$0	\$19,500	\$15,820	\$3,680
16	E	Brookfield, Riverside	Riverside - Brookfield Trail Connection	31st St. from First Ave to Golfview Rd., Golfview Rd./First Ave from 31st St. to 26th St.	-	Multi-Use Path	Prelim. Engineering ROW Engineering Construction Project Total	M	\$600	\$0	\$0	\$0	\$0	\$0	\$600	\$600	\$0
17	M	Palos Hills	Roberts Road	111th Street to 107th Street	-	Traffic Signal Modernization and Channelization	Prelim. Engineering ROW Engineering Construction Project Total	M	\$24	\$17	\$17	\$0	\$0	\$24	\$58	\$68	\$0

Cook County Department of Transportation and Highways  
2016-2020 Transportation Program

County Board District	Project Type	Location	Route	Limits	Miles	Scope of Work	Phase	Funding Type	FY-16	FY-17	FY-18	FY-19	FY-20	Estimated Total Cost (1,000's)	County Funding	Outside Funding		
6, 17	P	Palos Hills, Hickory Hills, Justice, Bridgeview	Roberts Road	108th Street to 86th Street	2.6	Hot-Mix Asphalt Resurfacing, Concrete Patching and Overlay	Prelim. Engineering	M							\$0			
							Engineering								\$0			
							Construction							\$5,100			\$5,100	
<b>Project Total</b>																\$0	\$5,100	\$0
15	M	Schaumburg	Roselle Road (S/THA Letting)	over Jane Addams Memorial Tollway (I-90)	0.66	Bridge Replacement, 4 Lane Reconstruction, Traffic Signal Improvements	Prelim. Engineering								\$0			
							Engineering								\$0			
							Construction	M	\$4,757	\$4,757	\$0	\$0	\$0	\$0	\$9,514	\$9,514	\$0	
<b>Project Total</b>																\$0	\$9,514	\$0
9	M	Rosemont	Rosemont Transit Center	I-90 and River Road	-	Transit Parking Lot Improvements	Prelim. Engineering								\$0			
							Engineering								\$0			
							Construction	M	\$825	\$825	\$0	\$0	\$0	\$0	\$825	\$825	\$0	
<b>Project Total</b>																\$0	\$825	\$0
9	M	Prospect Heights, Glenview, Northfield TWP	Sanders Road	Milwaukee Avenue to Willow Road	2.2	Pavement Reconstruction	Prelim. Engineering	M	\$400						\$400			
							Engineering								\$0			
							Construction	M	\$7,000	\$7,000	\$0	\$0	\$0	\$0	\$7,000	\$7,000	\$0	
<b>Project Total</b>																\$0	\$7,400	\$0
6	P	Park Forest	Sauk Trail (Pavement Preservation & Rehabilitation)	at Lakewood	-	PCC Patching and Diamond Grinding	Prelim. Engineering								\$0			
							Engineering								\$0			
							Construction	M	\$232	\$232	\$0	\$0	\$0	\$0	\$232	\$232	\$0	
<b>Project Total</b>																\$0	\$232	\$0
6	P	Richton Park	Sauk Trail (Pavement Preservation & Rehabilitation)	at Richton Square Road	-	PCC Patching and Diamond Grinding	Prelim. Engineering								\$0			
							Engineering								\$0			
							Construction	M	\$341	\$341	\$0	\$0	\$0	\$0	\$341	\$341	\$0	
<b>Project Total</b>																\$0	\$341	\$0
15	M	Schaumburg	Schaumburg Road	at Roselle Road	-	Traffic Signal Modernization and Channelization	Prelim. Engineering								\$0			
							Engineering								\$0			
							Construction	M	\$820	\$820	\$0	\$0	\$0	\$0	\$820	\$820	\$0	
<b>Project Total</b>																\$0	\$820	\$0
15	M	Hoffman Estates	Shoe Factory Road	Essex Drive to East of Beverly Road	0.51	Pavement Reconstruction to 4 Lanes with Median	Prelim. Engineering								\$0			
							Engineering								\$500		\$500	
							Construction	M	\$7,890	\$7,890	\$0	\$0	\$0	\$0	\$7,890	\$7,890	\$0	
<b>Project Total</b>																\$0	\$8,390	\$6,155
<b>*Project currently underfunded</b>																		
14	E	Northbrook	Skokie Valley Bike Trail Bridge	over Lake Cook Road	-	New Pedestrian Bridge Construction	Prelim. Engineering								\$0			
							Engineering								\$150		\$150	
							Construction	M	\$715	\$715	\$0	\$0	\$0	\$0	\$715	\$715	\$0	
<b>Project Total</b>																\$0	\$865	\$865
Various	P	Various	Southwest Intersection Group	Various Locations	-	Intersection Improvements	Prelim. Engineering								\$0			
							Engineering								\$0			
							Construction	M	\$2,000	\$2,000	\$0	\$0	\$0	\$0	\$2,000	\$2,000	\$0	
<b>Project Total</b>																\$0	\$2,000	\$2,000

Cook County Department of Transportation and Highways  
2016-2020 Transportation Program

County Board District	Project Type	Location	Route	Limits	Miles	Scope of Work	Phase	Funding Type	FY-16	FY-17	FY-18	FY-19	FY-20	Estimated Total Cost (1,000's)	County Funding	Outside Funding																		
17	E	Elk Grove Village, Des Plaines, Chicago	Touhy Avenue	Elmhurst Road to Mount Prospect Road	0.92	Pavement Reconstruction, New Grade Separations, Intersection Improvements	Prelim. Engineering ROW Engineering Construction	M, F, L	\$0	\$79,227	\$0	\$0	\$0	\$0	\$79,227	\$21,789	\$57,438																	
<table border="0"> <tr> <td>Project Total</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>\$0</td> <td>\$79,227</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$79,227</td> <td>\$21,789</td> <td>\$57,438</td> </tr> </table>																	Project Total									\$0	\$79,227	\$0	\$0	\$0	\$79,227	\$21,789	\$57,438	
Project Total									\$0	\$79,227	\$0	\$0	\$0	\$79,227	\$21,789	\$57,438																		
Various	M	Various	Various Engineering Professional Service Contracts	Various Locations	-	Engineering Services	Prelim. Engineering ROW Engineering Construction	M	\$200	\$1,000	\$1,000	\$1,000	\$1,000	\$4,200																				
<table border="0"> <tr> <td>Project Total</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>\$200</td> <td>\$1,000</td> <td>\$1,000</td> <td>\$1,000</td> <td>\$1,000</td> <td>\$4,200</td> <td></td> <td></td> </tr> </table>																	Project Total									\$200	\$1,000	\$1,000	\$1,000	\$1,000	\$4,200			
Project Total									\$200	\$1,000	\$1,000	\$1,000	\$1,000	\$4,200																				
17	P	Tinley Park	Various Locations	175th Street, Ridgeland Avenue, Oak Forest Avenue	-	Phase 1 Corridor Study	Prelim. Engineering ROW Engineering Construction	M	\$500						\$500																			
<table border="0"> <tr> <td>Project Total</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>\$500</td> <td></td> <td></td> <td></td> <td></td> <td>\$500</td> <td></td> <td></td> </tr> </table>																	Project Total									\$500					\$500			
Project Total									\$500					\$500																				
<p><b>*Additional \$1,300 Preliminary Engineering costs identified within Program for 2016</b></p>																																		
Various	P	Various	Various Maintenance Contracts	Various Locations	-	Infrastructure Maintenance	Prelim. Engineering ROW Engineering Construction	M	\$500						\$500																			
<table border="0"> <tr> <td>Project Total</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>\$500</td> <td></td> <td></td> <td></td> <td></td> <td>\$500</td> <td></td> <td></td> </tr> </table>																	Project Total									\$500					\$500			
Project Total									\$500					\$500																				
5, 6	M	Olympia Fields, Flossmoor	Vollmer Road	Kedzie Avenue to Western Avenue	1.0	Bridge Reconstruction, Pavement Reconstruction, Drainage Improvements	Prelim. Engineering ROW Engineering Construction	M	\$8,896	\$4,986	\$4,986	\$5,986	\$5,986	\$30,840	\$30,840																			
<table border="0"> <tr> <td>Project Total</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>\$8,896</td> <td>\$4,986</td> <td>\$4,986</td> <td>\$5,986</td> <td>\$5,986</td> <td>\$30,840</td> <td>\$30,840</td> <td></td> <td></td> </tr> </table>																	Project Total									\$8,896	\$4,986	\$4,986	\$5,986	\$5,986	\$30,840	\$30,840		
Project Total									\$8,896	\$4,986	\$4,986	\$5,986	\$5,986	\$30,840	\$30,840																			
13	P	Northfield	West Frontage Road (Pavement Preservation & Rehabilitation)	Illinois Road to Happ Road	1.17	Hot-Mix Asphalt Resurfacing with Patching	Prelim. Engineering ROW Engineering Construction	M	\$0	\$600	\$0	\$0	\$0	\$0	\$600	\$600	\$0																	
<table border="0"> <tr> <td>Project Total</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>\$0</td> <td>\$600</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$600</td> <td>\$600</td> <td>\$0</td> </tr> </table>																	Project Total									\$0	\$600	\$0	\$0	\$0	\$600	\$600	\$0	
Project Total									\$0	\$600	\$0	\$0	\$0	\$600	\$600	\$0																		
14	M	Prospect Heights	Willow Road (MWRD Letting)	at Hillcrest Lake	-	Pavement Reconstruction-Flood Mitigation	Prelim. Engineering ROW Engineering Construction	M	\$0	\$955	\$0	\$0	\$0	\$0	\$955	\$955	\$0																	
<table border="0"> <tr> <td>Project Total</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>\$0</td> <td>\$955</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$955</td> <td>\$955</td> <td>\$0</td> </tr> </table>																	Project Total									\$0	\$955	\$0	\$0	\$0	\$955	\$955	\$0	
Project Total									\$0	\$955	\$0	\$0	\$0	\$955	\$955	\$0																		
15	P	Schaumburg	Wise Road	Roselle Road to Irving Park Road	2.41	Pavement Patching and Curb and Gutter Replacement	Prelim. Engineering ROW Engineering Construction	M	\$0	\$5,000	\$0	\$0	\$0	\$0	\$5,000	\$5,000	\$0																	
<table border="0"> <tr> <td>Project Total</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>\$0</td> <td>\$5,000</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$5,000</td> <td>\$5,000</td> <td>\$0</td> </tr> </table>																	Project Total									\$0	\$5,000	\$0	\$0	\$0	\$5,000	\$5,000	\$0	
Project Total									\$0	\$5,000	\$0	\$0	\$0	\$5,000	\$5,000	\$0																		
<p>Note: Project totals does NOT reflect previous fiscal year expenses</p>															<p><b>Total - Projects</b></p>		<p>Total Cost (1,000's)</p>	<p>County Share (1,000's)</p>	<p>Outside Funding (1,000's)</p>															
															\$462,532	\$290,100	\$172,432																	

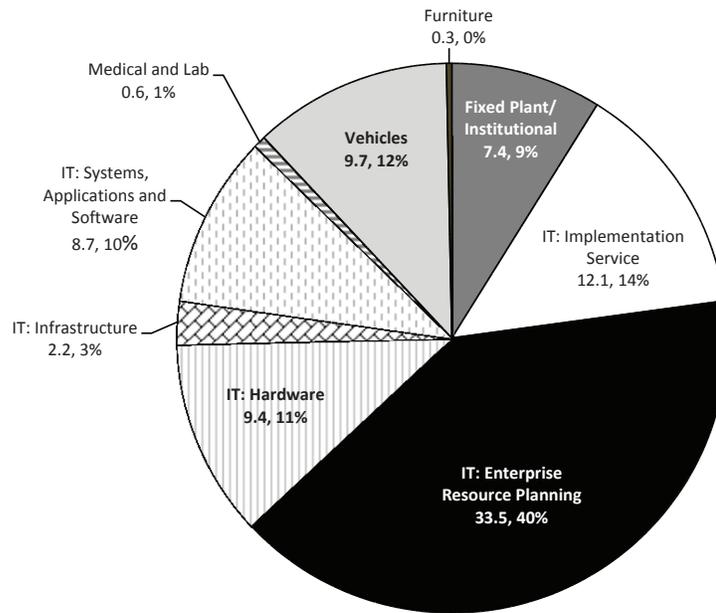
Totals by Project Type			
Preservation (P)	\$89,773		
Modernization (M)	\$144,431		
Expansion (E)	\$228,328		
<b>Total</b>	<b>\$462,532</b>		



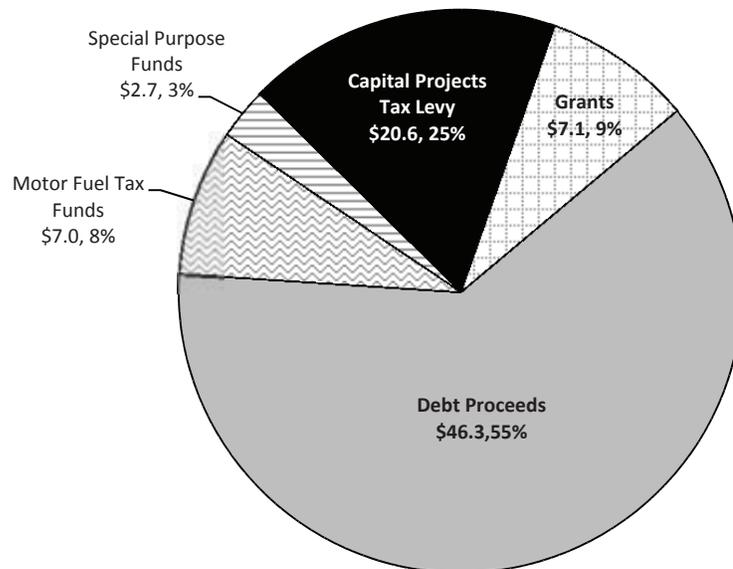
## OVERVIEW

Cook County's Capital Equipment acquisitions are used to update aging technologies, increase efficiency, purchase vehicles and other discrete equipment, and improve customer service, many of these initiatives contribute to future savings for taxpayers. From replacing snow removal trucks to upgrading outdated computer systems, the County's Capital Equipment programming provides for a long-term investment in major countywide systems and ensures that the essential tools for day-to-day operations and services are adequate and operational.

**FY2017 Capital Equipment Recommendation**  
Total \$84M



**2017 Capital Equipment Funding Sources**



## RECOMMENDATION

Cook County departments requested \$173 million in capital equipment for FY 2017. Of those requests, the County's capital equipment review process recommended funding for \$84 million or 49% of all requests. A total of 79% of the FY2017 capital budget is devoted to Information Technology, with the remaining 21% composed of vehicle purchases, fixed plant assets, institutional equipment and medical lab equipment.

## REVIEW PROCESS

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

During 2017 all County agencies will be required to submit an annual Capital Equipment inventory which will include a replacement cycle for all assets under their control. This process change will further enhance the ability to provide a long-term funding plan for Capital Equipment in FY2018 and future years.

The recommendation to fund \$74.7 resulted from this collaborative, transparent review process. Review committees identified investments that:

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

## INVESTMENTS IN TECHNOLOGY

Historically, the County has underinvested in technology and as a result has still been utilizing outdated systems for mission-critical operations that are at the end of, or are past, their useful lives. Consequently, the County has a critical need to update its systems and related infrastructure that support key finance, human resources, public safety and property tax related functions.

BOT and DBMS met with using departments and offices that requested major information technology (IT) projects or equipment to review items and/or projects such as computers, software, and case-management systems. In addition to specifically evaluating FY 2017 requests, BOT and DBMS reviewers and using departments discussed spending-to-date on approved FY 2013 - 2016 IT equipment. Initial IT requests totaled \$111.8 million, but through a review process that determined which requests would best meet the County's most

critical IT needs and/or provide the highest return on investment, this number was reduced to a \$65.7 million recommendation.

The largest IT capital equipment project recommended in FY 2017 is the Implementation of Oracle E-Business Suite (EBS) platform project (\$33.5M) for the Enterprise Resource Planning (ERP) system. The implementation will address a critical need in modernizing County government operations through the use of integrated applications and automation of several back office functions. Other major (costing \$1M or greater) IT capital equipment projects include:

1. BOT Unified Communications (\$5.5M)
2. Implementation of Clerk of the Circuit Court Legacy Electronic Case Management System, Year 3 of 6 (\$4.0M)
3. 3.Integrated Property Tax System (\$5.0M)
4. 4.Revenue Integrated Tax Processing System (\$3.2M)
5. Recorder of Deeds Land Management System (\$1.3M)
6. Juvenile Enterprise Management System (JEMS) Replacement (\$1.3M)
7. SAN Expansion for Countywide Imaging Systems (\$1.0M)

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

## **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, a review of all passenger and light duty vehicles will result in the second phase of a fleet reduction effort. This process included an assessment, in which criteria such as vehicle utilization, odometer readings, and fleet age were analyzed. All FY 2017 vehicle requests were reviewed to ensure that the County's established requirements for new or replacement vehicles were met.

The County will continue to implement changes to the Vehicle Ordinance that will eliminate take-home non-police vehicles and will continue to reduce the countywide passenger vehicle fleet. All maintenance and costs for each vehicle will be tracked. In addition, the County will continue to move into a cost efficient replacement cycle for vehicles. The County will reduce the passenger fleet size by 77 in FY2017, with a plan to further continue reducing the fleet by an additional 200 vehicles by the end of FY 2019. In FY 2017, the total value of per vehicle reduction is \$4,388. The savings includes \$1,603 in fuel, \$1,400 in maintenance, and \$1,362 in salvage value. In FY 2017, vehicle requests are recommended in the amount of \$9.7 million, or 12% of the total Capital Equipment budget. The Sheriff (\$2.3M) and Department of Transportation and Highways (\$6.8M), of which \$6.6M accounts for specialized heavy vehicles, are the two largest recipients of capital equipment funding for vehicles.

## CAPITAL EQUIPMENT FUNDING

The primary source of capital equipment funding is debt proceeds. Debt will fund \$46.3 million, or 55.3%, of the \$83.6 million in capital equipment recommended in this budget. Included in the \$46.3M in debt funded capital are several large IT projects, discussed previously, that are expected to transform the way the County operates.

In an effort to reduce reliance of debt to fund discrete capital equipment such as technology hardware and vehicles, the County is levying a Capital Project Property Tax Levy that will finance \$20.6 million, or 24.7%, of the capital equipment requests recommendation. The BOT Unified Communications (\$5.5M) is a major IT capital project, including the computer equipment refresh and software (\$10.3M) that will be funded with Capital Levy funds. In addition, Capital Levy funding will fund fixed plant and institutional equipment (\$1.7M), vehicles (\$2.6M), and medical and laboratory equipment (\$0.6M).

Motor Fuel Tax (MFT) funds will finance \$7.0 million, or 8.3%, of the capital equipment requests recommendation. The specialized heavy construction vehicle request is the major equipment (\$6.8M) that will be funded with MFT funds.

Grant funding provides support in the amount of \$7.1M, or 8.5%, to fund fixed plant and institutional equipment (\$5.6M), computer equipment refresh and other associated IT equipment (\$1.2M) in several of the County's public safety departments.

Special Purpose Funds (SPF) will fund \$2.7M, or 3.2% of the total capital equipment requests recommended. The Integrated Property Tax System (\$1.4M) is a major IT capital project, including the computer equipment refresh (\$0.7M) and vehicle requests (\$0.4M) that will be funded in the SPFs. By modernizing the property-tax agencies' business process workflow from a single agency focus to a shared integrative process, the County will move from a 40-year old environment to a solution with a single data source, more efficient workflow, and an updated application and hardware platform. By funding this project in the Special Purpose Funds, the County avoids debt-funding this major, transformative system.

## OVERALL CAPITAL EQUIPMENT STRATEGY

As part of President Preckwinkle's comprehensive plan for Cook County, Capital Equipment project recommendations must be driven by four key goals: fiscal responsibility, innovative leadership, transparency and accountability, and improved services. Investment in Capital Equipment supports these goals while providing departments and employees with the tools they need to better serve all residents.

### FISCAL RESPONSIBILITY

1. 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 current and accurate data.
2. Continuing to prioritize the process of migrating all of its (40) plus applications off the AS/400 by April 2019. JEMS by far is the largest application in which the Court will require a new system to migrate off the AS/400.

3. Continuing to prioritize projects that will facilitate the countywide replacement of Enterprise Phone System. Unified Communications (VoIP) project improves overall communications; reduces costs; ensures compliance with Federal and State laws; and provides disaster recovery and business continuity capabilities.

### **INNOVATIVE LEADERSHIP**

1. A Countywide data integration project will help all County agencies, as well as the public, more efficiently access and utilize data to make better data-driven policy decisions.
2. The implementation of Integrated Property Tax System will improve customer service by sending out timely and accurate tax information, modernizing an old system and reducing outmoded data. Getting tax bills out on time also saves underlying taxing districts \$3 million per month by avoiding tax anticipation warrants or dipping into reserves.
3. Clerk of the Circuit Court's case management system will provide an efficient, cost effective operational system that will increase productivity and comply with all court designated laws on technology improvement and public records.

### **TRANSPARENCY & ACCOUNTABILITY**

1. Continue working on the replacement of 20-year old voter registration system and the implementation of a new system will improve accuracy of voter rolls and allow integration with other County systems.
2. Implementing a centralized solution that supports the management of the entire County citation process from beginning to end including the issuance of citations, adjudication process, collection of fines, and system management at the department or agency level.

### **IMPROVED SERVICES**

1. Replacement of current lands record processing and transaction system with a new technically advanced solution, Recorder of Deeds Land Management System which will enhance County's overall efficiency and bring economies of scale overall.
2. Public safety and public service will be enhanced by investing in new radios, squad car wireless hotspots, and video interrogation software.
3. New case and document management systems will eliminate redundant data entry and enhance reporting abilities for numerous agencies and departments.

### FY2017 CAPITAL PROJECTS BY BUREAU

Project Title	Project Type	Request	Funding Source
<b>Offices Under the President - Chief Administrative Officer</b>			
<b>BUREAU OF ADMINISTRATION</b>			
011 - Office of the Chief Administrative Officer	Shared Fleet - Vehicle Purchase		
		\$75,000	Capital Levy
	<b>Total Project for Department 011</b>	<b>75,000</b>	
<b>161 - Department of Environmental Control</b>			
Air Monitoring Trailers - Fixed Plant or Institutional Equipment	Fixed Plant or Institutional Equipment	\$262,500	Capital Levy
Particulate Speciation Monitors - Medical and Lab Equipment	Medical and Lab Equipment	\$138,600	Capital Levy
Sonic Meteorological Data Translation System - Medical and Lab Equipment	Medical and Lab Equipment	\$29,600	Capital Levy
Primary Standard - Medical and Lab Equipment	Medical and Lab Equipment	\$13,750	Capital Levy
Secondary Standard - Medical and Lab Equipment	Medical and Lab Equipment	\$10,000	Capital Levy
	<b>Total Project for Department 161</b>	<b>454,450</b>	
<b>259 - Medical Examiner</b>			
Replace Toxicology Built-in Refrigerator/Freezer - Fixed Plant or Institutional Equipm	Fixed Plant or Institutional Equipment	\$120,000	Capital Levy
Digital Mobile C-Arm ESP with Hybrid Graphic Printer - Medical and Lab Equipment	Medical and Lab Equipment	\$180,000	Capital Levy
Toxicology Blood Banks - Medical and Lab Equipment	Medical and Lab Equipment	\$80,000	Capital Levy
STAT Drug Analyzer - Medical and Lab Equipment	Medical and Lab Equipment	\$70,000	Capital Levy
SCBA - Hazmat PPE w/Storage Cabinets - Medical and Lab Equipment	Medical and Lab Equipment	\$55,000	Capital Levy
Histology Microtome - Medical and Lab Equipment	Medical and Lab Equipment	\$12,000	Capital Levy
	<b>Total Project for Department 259</b>	<b>517,000</b>	
<b>501 - MFT Illinois First (1st)</b>			
Hot Box Asphalt Recyclers - Fixed Plant or Institutional Equipment	Fixed Plant or Institutional Equipment	\$150,000	Motor Fuel Tax
Wide Format Printer - IT and Telecommunications	IT and Telecommunications	\$30,000	Motor Fuel Tax
Desktop Computers - IT and Telecommunications	IT and Telecommunications	\$37,200	Motor Fuel Tax
Snow Fighters - Vehicle Purchase	Vehicle Purchase	\$1,800,000	Motor Fuel Tax
Crew Cab Dump Trucks - Vehicle Purchase	Vehicle Purchase	\$320,000	Motor Fuel Tax
SUV Passenger Vehicles - Vehicle Purchase	Vehicle Purchase	\$124,000	Motor Fuel Tax
Forestry Truck - Vehicle Purchase	Vehicle Purchase	\$350,000	Motor Fuel Tax
Vactor Sewer Cleaning Trucks - Vehicle Purchase	Vehicle Purchase	\$800,000	Motor Fuel Tax
Street Sweepers - Vehicle Purchase	Vehicle Purchase	\$550,000	Motor Fuel Tax
Skid Steer Loaders with Attachments - Vehicle Purchase	Vehicle Purchase	\$250,000	Motor Fuel Tax
Front End Loaders - Vehicle Purchase	Vehicle Purchase	\$900,000	Motor Fuel Tax
Stump Grinders - Vehicle Purchase	Vehicle Purchase	\$108,000	Motor Fuel Tax
Mower Boxes & Boom Mower Attachments - Vehicle Purchase	Vehicle Purchase	\$120,000	Motor Fuel Tax
Field Tractor Mowers - Vehicle Purchase	Vehicle Purchase	\$400,000	Motor Fuel Tax
Snow Plows & Snow Plow Equipment - Vehicle Purchase	Vehicle Purchase	\$144,000	Motor Fuel Tax
20 Ton Dump Trailers - Vehicle Purchase	Vehicle Purchase	\$90,000	Motor Fuel Tax
Gradall Trenchers - Vehicle Purchase	Vehicle Purchase	\$800,000	Motor Fuel Tax
	<b>Total Project for Department 501</b>	<b>6,973,200</b>	
<b>510 - Animal Control Department</b>			
Computer Equipment - IT and Telecommunications	IT and Telecommunications	\$42,000	Special Purpose Fund

**FY2017 CAPITAL PROJECTS BY BUREAU**

Project Title	Project Type	Request	Funding Source
Vehicle Purchase - Vehicle Purchase	Vehicle Purchase	\$83,000	Special Purpose Fund
	<b>Total Project for Department 510</b>	<b>125,000</b>	
	<b>Total Project for BUREAU OF ADMINISTRATION</b>	<b>8,144,650</b>	
<b>Offices Under the President - Chief Financial Officer</b>			
<b>BUREAU OF FINANCE</b>			
029 - Office of Enterprise Resource Planning (ERP)	IT and Telecommunications	\$31,450,000	Debt Proceeds
Oracle EBS Implementation - IT and Telecommunications	IT and Telecommunications	\$2,000,000	Debt Proceeds
ERP Contractor Requisition- Reference Contract - IT and Telecommunications			
	<b>Total Project for Department 029</b>	<b>33,450,000</b>	
	<b>Total Project for BUREAU OF FINANCE</b>	<b>33,450,000</b>	
<b>Offices Under the President - Chief Information Officer</b>			
<b>BUREAU OF TECHNOLOGY</b>			
009 - Enterprise Technology	IT and Telecommunications	\$900,000	Capital Levy
OTP Computer Refresh - IT and Telecommunications	IT and Telecommunications	\$750,000	Capital Levy
Network Switch Refresh - IT and Telecommunications	IT and Telecommunications	\$5,500,000	Capital Levy
Unified Communications - IT and Telecommunications	IT and Telecommunications	\$1,000,000	Capital Levy
SAN Expansion - IT and Telecommunications	IT and Telecommunications	\$100,000	Capital Levy
Data Center Circuits - IT and Telecommunications	IT and Telecommunications	\$250,000	Capital Levy
Disaster Recovery Cloud - IT and Telecommunications	IT and Telecommunications	\$150,000	Capital Levy
Interactive Voice Response (IVR) System - IT and Telecommunications	IT and Telecommunications	\$3,160,796	Debt Proceeds
Integrated Tax Processing System - IT and Telecommunications	IT and Telecommunications	\$3,192,384	Debt Proceeds
Integrated Property Tax System - IT and Telecommunications	IT and Telecommunications	\$402,395	Capital Levy
Integrated Property Tax System - IT and Telecommunications	IT and Telecommunications	\$1,260,000	Debt Proceeds
Recorder of Deeds Land Management System - IT and Telecommunications	IT and Telecommunications	\$673,160	Capital Levy
Court Reminder Notification System - IT and Telecommunications	IT and Telecommunications	\$500,000	Capital Levy
Enterprise Identity and Access Management - IT and Telecommunications	IT and Telecommunications	\$100,000	Capital Levy
Vehicles - Vehicle Purchase	Vehicle Purchase		
	<b>Total Project for Department 009</b>	<b>17,938,735</b>	
	<b>Total Project for BUREAU OF TECHNOLOGY</b>	<b>19,338,735</b>	
<b>BUREAU OF TECHNOLOGY - SPECIAL PURPOSE FUNDS</b>			
545 - Geographic Information Systems	IT and Telecommunications	\$1,400,000	Special Purpose Fund
Integrated Property Tax - IT and Telecommunications			
	<b>Total Project for Department 545</b>	<b>1,400,000</b>	
	<b>Total Project for BUREAU OF TECHNOLOGY</b>	<b>19,338,735</b>	
<b>Offices Under the President - Chief of Asset Management</b>			
<b>ASSET MANAGEMENT</b>			
200 - Department of Facilities Management	Fixed Plant or Institutional Equipment	\$10,800	Capital Levy
Steam Valves and Controller - Fixed Plant or Institutional Equipment			

### FY2017 CAPITAL PROJECTS BY BUREAU

Project Title	Project Type	Request	Funding Source
Exhaust Units - Fixed Plant or Institutional Equipment	Fixed Plant or Institutional Equipment	\$80,000	Capital Levy
Perimeter Heating Systems - Fixed Plant or Institutional Equipment	Fixed Plant or Institutional Equipment	\$168,000	Capital Levy
Cooling Tower Finns - Fixed Plant or Institutional Equipment	Fixed Plant or Institutional Equipment	\$14,000	Capital Levy
Electrical Disconnectors - Fixed Plant or Institutional Equipment	Fixed Plant or Institutional Equipment	\$14,994	Capital Levy
Cabinet Heat Units - Fixed Plant or Institutional Equipment	Fixed Plant or Institutional Equipment	\$25,500	Capital Levy
Rooftop Handler - Fixed Plant or Institutional Equipment	Fixed Plant or Institutional Equipment	\$62,500	Capital Levy
Handicap Doors - Fixed Plant or Institutional Equipment	Fixed Plant or Institutional Equipment	\$30,000	Capital Levy
Pneumatic Controls - Fixed Plant or Institutional Equipment	Fixed Plant or Institutional Equipment	\$72,000	Capital Levy
XUV 560 4x4 - Vehicle Purchase	Vehicle Purchase	\$60,000	Capital Levy
F550 - Bucket Truck - Vehicle Purchase	Vehicle Purchase	\$95,000	Capital Levy
<b>Total Project for Department 200</b>		<b>632,794</b>	
790 - Energy Efficiency Program	Fixed Plant or Institutional Equipment	\$36,300	Grants
Building Improvements	Fixed Plant or Institutional Equipment	\$100,000	Grants
Building Improvements	Fixed Plant or Institutional Equipment	\$100,000	Grants
Building Improvements	Fixed Plant or Institutional Equipment	\$401,808	Grants
Building Improvements	Fixed Plant or Institutional Equipment	\$554,878	Grants
Building Improvements	Fixed Plant or Institutional Equipment	\$1,376,484	Grants
<b>Total Project for Department 790</b>		<b>2,569,470</b>	
<b>Total Project for ASSET MANAGEMENT</b>		<b>3,202,264</b>	
<b>Offices Under the President - President</b>			
<b>HOMELAND SECURITY AND EMERGENCY MANAGEMENT</b>			
769 - Urban Area Security Initiative	Cook County Intelligence Program Sustainment - Fixed Plant or Institutional Equipm	\$754,290	Grants
Access Control Maintenance - Fixed Plant or Institutional Equipment	Fixed Plant or Institutional Equipment	\$80,000	Grants
Mobile Response Team Sustainment and Maintenance - Fixed Plant or Institutional E	Fixed Plant or Institutional Equipment	\$796,396	Grants
Emergency Readiness Centers Sustainment/Maintenance - Equipment - Fixed Plant	Fixed Plant or Institutional Equipment	\$275,020	Grants
Cook County Training & Exercise - Equipment - Fixed Plant or Institutional Equipmen	Fixed Plant or Institutional Equipment	\$197,863	Grants
NIPSTAC/CFD South Chicago Phase II Enhancement - Fixed Plant or Institutional Equ	Fixed Plant or Institutional Equipment	\$880,000	Grants
Management & Administration - Furniture Not Under CIP	Furniture Not Under CIP	\$267,978	Grants
Critical Infrastructure Maintenance - Equipment - IT and Telecommunications	IT and Telecommunications	\$1,200,000	Grants
<b>Total Project for Department 769</b>		<b>4,451,547</b>	
<b>Total Project for HOMELAND SECURITY AND EMERGENCY MANAGEMENT</b>		<b>4,451,547</b>	
<b>Offices Under the President - Public Defender</b>			
<b>PUBLIC DEFENDER</b>			
260 - Public Defender	IT and Telecommunications	\$2,500	Capital Levy
eDefender Case Management System Support Hardware - IT and Telecommunicatio	Vehicle Purchase	\$30,000	Capital Levy
Vehicle Request - Replacement Van - Vehicle Purchase	Vehicle Purchase	\$30,000	Capital Levy
Vehicle Request - New Sedan Purchase - Vehicle Purchase	Vehicle Purchase	\$30,000	Capital Levy
<b>Total Project for Department 260</b>		<b>62,500</b>	

**FY2017 CAPITAL PROJECTS BY BUREAU**

Project Title	Project Type	Request	Funding Source
<b>Elected and Appointed Officials - Chief Judge</b>			
<b>CHIEF JUDGE</b>			
280 - Adult Probation Department			
Computer Replacement - IT and Telecommunications	IT and Telecommunications	\$135,000	Capital Levy
Scanners - IT and Telecommunications	IT and Telecommunications	\$7,600	Capital Levy
Vehicle Replacement - Vehicle Purchase	Vehicle Purchase	\$120,000	Capital Levy
	<b>Total Project for Department 280</b>	<b>262,600</b>	
310 - Office of the Chief Judge			
Computer Equipment - IT and Telecommunications	IT and Telecommunications	\$157,800	Capital Levy
AS400 Application Migration - IT and Telecommunications	IT and Telecommunications	\$100,000	Capital Levy
	<b>Total Project for Department 310</b>	<b>257,800</b>	
326 - Juvenile Probation and Court Services			
Juvenile Enterprise Management System (JEMS) Replacement - IT and Telecommu	IT and Telecommunications	\$1,250,000	Debt Proceeds
	<b>Total Project for Department 326</b>	<b>1,250,000</b>	
440 - Juvenile Temporary Detention Center			
Kitchen Equipment - Fixed Plant or Institutional Equipment	Fixed Plant or Institutional Equipment	\$50,000	Capital Levy
Replacement Cameras - IT and Telecommunications	IT and Telecommunications	\$44,000	Capital Levy
Replacement Radios - IT and Telecommunications	IT and Telecommunications	\$438,410	Capital Levy
Supplementary Radio Equipment - IT and Telecommunications	IT and Telecommunications	\$22,400	Capital Levy
17" Laptops - IT and Telecommunications	IT and Telecommunications	\$11,200	Capital Levy
	<b>Total Project for Department 440</b>	<b>566,010</b>	
793 - Adult Redeploy Illinois Program			
Equipment or Improvements - N.O.C.	Fixed Plant / Institutional	\$5,307	Grants
	<b>Total Project for Department 793</b>	<b>5,307</b>	
	<b>Total Project for CHIEF JUDGE</b>	<b>2,341,717</b>	
<b>Elected and Appointed Officials - Clerk of the Circuit Court</b>			
<b>CLERK OF THE CIRCUIT COURT</b>			
335 - Clerk of the Circuit Court - Office of the Clerk			
Implementation of Case Management System (Yr 3 of 6) - IT and Telecommunication	IT and Telecommunications	\$3,950,000	Debt Proceeds
	<b>Total Project for Department 335</b>	<b>3,950,000</b>	
<b>CLERK OF THE CIRCUIT COURT - Special Purpose Funds</b>			
528 - Clerk of the Circuit Court Automation Fund			
Replacement of Outdated Thin Clients - IT and Telecommunications	IT and Telecommunications	\$327,825	Capital Levy
	<b>Total Project for Department 528</b>	<b>327,825</b>	
529 - Clerk of the Circuit Court Document Storage Fund			
Microfilm Reader and Printer - IT and Telecommunications	IT and Telecommunications	\$8,000	Capital Levy
	<b>Total Project for Department 529</b>	<b>8,000</b>	
580 - Clerk of the Circuit Court Electronic Citation Fund			

FY2017 CAPITAL PROJECTS BY BUREAU

Project Title	Project Type	Request	Funding Source
Electronic Tickets Initiative - IT and Telecommunications	IT and Telecommunications	\$250,000	Special Purpose Fund
<b>Total Project for Department 580</b>		<b>250,000</b>	
<b>Total Project for CLERK OF THE CIRCUIT COURT</b>		<b>4,535,825</b>	
<b>Elected and Appointed Officials - County Clerk</b>			
<b>COUNTY CLERK</b>			
110 - County Clerk	IT and Telecommunications	\$22,500	Capital Levy
IT Equipment Upgrade - IT and Telecommunications	Vehicle Purchase	\$75,000	Capital Levy
Delivery Truck - Vehicle Purchase		<b>97,500</b>	
<b>Total Project for Department 110</b>			
<b>COUNTY CLERK - Special Purpose Funds</b>			
524 - County Clerk - Elections Division Fund	Fixed Plant or Institutional Equipment	\$69,900	Capital Levy
Electronic Pollbook Cases - Fixed Plant or Institutional Equipment	IT and Telecommunications	\$139,200	Capital Levy
IT Equipment Upgrade - IT and Telecommunications		<b>209,100</b>	
<b>Total Project for Department 524</b>			
<b>Total Project for COUNTY CLERK</b>		<b>306,600</b>	
<b>Elected and Appointed Officials - Sheriff</b>			
<b>SHERIFF</b>			
214 - Sheriff's Administration	Fixed Plant or Institutional Equipment	\$43,675	Capital Levy
Renovation of 23rd & Rockwell - Electronics/Oil Change Garage -	Vehicle Purchase	\$1,994,786	Capital Levy
Vehicle Purchases - Vehicle Purchase		<b>2,038,461</b>	
<b>Total Project for Department 214</b>			
<b>217 - Information Technology</b>			
Production/Dev/Test environment upgrade and Expansion - IT and Telecommunications	IT and Telecommunications	\$164,000	Capital Levy
F5 Load Balancer - IT and Telecommunications	IT and Telecommunications	\$60,000	Capital Levy
Replacement DMZ Environment - IT and Telecommunications	IT and Telecommunications	\$72,000	Capital Levy
Replace Failed UPS Device - IT and Telecommunications	IT and Telecommunications	\$15,500	Capital Levy
StoreSimple Device - DFS - IT and Telecommunications	IT and Telecommunications	\$100,000	Capital Levy
CCOMS Version Upgrades/ Development - IT and Telecommunications	IT and Telecommunications	\$100,000	Capital Levy
Bureau of Intelligence and Investigations SPSS Statistical Software - IT and Telecom	IT and Telecommunications	\$30,000	Capital Levy
Training Institute Learning Management System Additional Functionality - IT and Tel	IT and Telecommunications	\$110,000	Capital Levy
Training Institute Training Records Software - IT and Telecommunications	IT and Telecommunications	\$10,000	Capital Levy
Department of Corrections - Mugshot Cameras and ID Printers for Pre-Booking Facil	IT and Telecommunications	\$20,424	Capital Levy
Sheriff's Executive Office -Roster Management System Software - IT and Telecomm	IT and Telecommunications	\$100,000	Capital Levy
Records Management System - IT and Telecommunications	IT and Telecommunications	\$500,000	Capital Levy
CCSPD In-Car-Video System Project - IT and Telecommunications	IT and Telecommunications	\$700,000	Capital Levy
Desktop Refresh - IT and Telecommunications	IT and Telecommunications	\$2,000,000	Capital Levy
Video Management System - IT and Telecommunications	IT and Telecommunications	\$10,000	Capital Levy
<b>Total Project for Department 217</b>		<b>3,991,924</b>	
<b>231 - Police Department</b>			
Bomb Unit Specialty Equipment - Fixed Plant or Institutional Equipment	Fixed Plant or Institutional Equipment	\$127,004	Capital Levy

**FY2017 CAPITAL PROJECTS BY BUREAU**

Project Title	Project Type	Request	Funding Source
Taser Plan - 2nd Year - Fixed Plant or Institutional Equipment	Fixed Plant or Institutional Equipment	\$515,000	Capital Levy
<b>Total Project for Department 231</b>		<b>642,004</b>	
697 - Intellectual Property Theft Enforcement Program Computer Equipment	IT and Telecommunications	\$44,999	Grants
<b>Total Project for Department 697</b>		<b>44,999</b>	
<b>SHERIFF - SPECIAL PURPOSE FUNDS</b>			
577 - Vehicle Purchase Fund Vehicle Purchase - Vehicle Purchase	Vehicle Purchase	\$277,500	Special Purpose Fund
<b>Total Project for Department 577</b>		<b>277,500</b>	
<b>Total Project for SHERIFF</b>		<b>6,994,888</b>	
<b>Elected and Appointed Officials - State's Attorney</b>			
<b>STATE'S ATTORNEY</b>			
250 - State's Attorney Computer Replacement Project - IT and Telecommunications	IT and Telecommunications	\$179,550	Capital Levy
<b>Total Project for Department 250</b>		<b>179,550</b>	
616 - Post Conviction DNA Testing Assistance Program Computer Equipment	IT and Telecommunications	\$2,100	Grants
<b>Total Project for Department 616</b>		<b>2,100</b>	
782 - Child Support Enforcement Grant Office Furnishings and Equipment Computer Equipment	Furniture Not in CIP IT and Telecommunications	\$50 \$50	Grants Grants
<b>Total Project for Department 782</b>		<b>100</b>	
<b>Total Project for STATE'S ATTORNEY</b>		<b>181,750</b>	
<b>Elected and Appointed Officials - Treasurer</b>			
<b>COUNTY TREASURER - SPECIAL PURPOSE FUNDS</b>			
534 - County Treasurer - Tax Sales Automation Fund Computer Equipment Replacement - IT and Telecommunications Increase & Improve Data Storage Capacity - IT and Telecommunications	IT and Telecommunications IT and Telecommunications	\$61,530 \$594,300	Special Purpose Fund Special Purpose Fund
<b>Total Project for Department 534</b>		<b>655,830</b>	
<b>Total Project for COUNTY TREASURER - SPECIAL PURPOSE FUNDS</b>		<b>655,830</b>	
<b>Grand Total:</b>		<b>\$83,666,306</b>	

FY2017 CAPITAL PROJECTS BY BUREAU

Project Title	Project Type	Request	Funding Source
<b>Offices Under the President - Chief Administrative Officer</b>			
<b>BUREAU OF ADMINISTRATION</b>			
011 - Office of the Chief Administrative Officer			
Shared Fleet - Vehicle Purchase		\$75,000	Capital Levy
<b>Total Project for Department 011</b>		<b>75,000</b>	
<b>161 - Department of Environmental Control</b>			
Air Monitoring Trailers - Fixed Plant or Institutional Equipment		\$262,500	Capital Levy
Particulate Speciation Monitors - Medical and Lab Equipment		\$138,600	Capital Levy
Sonic Meteorological Data Translation System - Medical and Lab Equipment		\$29,600	Capital Levy
Primary Standard - Medical and Lab Equipment		\$13,750	Capital Levy
Secondary Standard - Medical and Lab Equipment		\$10,000	Capital Levy
<b>Total Project for Department 161</b>		<b>454,450</b>	
<b>259 - Medical Examiner</b>			
Replace Toxicology Built-in Refrigerator/Freezer - Fixed Plant or Institutional Equipm		\$120,000	Capital Levy
Digital Mobile C-Arm ESP with Hybrid Graphic Printer - Medical and Lab Equipment		\$180,000	Capital Levy
Toxicology Blood Banks - Medical and Lab Equipment		\$80,000	Capital Levy
STAT Drug Analyzer - Medical and Lab Equipment		\$70,000	Capital Levy
SCBA - Hazmat PPE w/Storage Cabinets - Medical and Lab Equipment		\$55,000	Capital Levy
Histology Microtome - Medical and Lab Equipment		\$12,000	Capital Levy
<b>Total Project for Department 259</b>		<b>517,000</b>	
<b>501 - MFT Illinois First (1st)</b>			
Hot Box Asphalt Recyclers - Fixed Plant or Institutional Equipment		\$150,000	Motor Fuel Tax
Wide Format Printer - IT and Telecommunications		\$30,000	Motor Fuel Tax
Desktop Computers - IT and Telecommunications		\$37,200	Motor Fuel Tax
Snow Fighters - Vehicle Purchase		\$1,800,000	Motor Fuel Tax
Crew Cab Dump Trucks - Vehicle Purchase		\$320,000	Motor Fuel Tax
SUV Passenger Vehicles - Vehicle Purchase		\$124,000	Motor Fuel Tax
Forestry Truck - Vehicle Purchase		\$350,000	Motor Fuel Tax
Vactor Sewer Cleaning Trucks - Vehicle Purchase		\$800,000	Motor Fuel Tax
Street Sweepers - Vehicle Purchase		\$550,000	Motor Fuel Tax
Skid Steer Loaders with Attachments - Vehicle Purchase		\$250,000	Motor Fuel Tax
Front End Loaders - Vehicle Purchase		\$900,000	Motor Fuel Tax
Stump Grinders - Vehicle Purchase		\$108,000	Motor Fuel Tax
Mower Boxes & Boom Mower Attachments - Vehicle Purchase		\$120,000	Motor Fuel Tax
Field Tractor Mowers - Vehicle Purchase		\$400,000	Motor Fuel Tax
Snow Plows & Snow Plow Equipment - Vehicle Purchase		\$144,000	Motor Fuel Tax
20 Ton Dump Trailers - Vehicle Purchase		\$90,000	Motor Fuel Tax
Gradall Trenchers - Vehicle Purchase		\$800,000	Motor Fuel Tax
<b>Total Project for Department 501</b>		<b>6,973,200</b>	
<b>510 - Animal Control Department</b>			
Computer Equipment - IT and Telecommunications		\$42,000	Special Purpose Fund

**FY2017 CAPITAL PROJECTS BY BUREAU**

Project Title	Project Type	Request	Funding Source
<b>Offices Under the President - Chief Administrative Officer</b>			
<b>BUREAU OF ADMINISTRATION</b>			
011 - Office of the Chief Administrative Officer			
Shared Fleet - Vehicle Purchase	Vehicle Purchase	\$75,000	Capital Levy
	<b>Total Project for Department 011</b>	<b>75,000</b>	
<b>161 - Department of Environmental Control</b>			
Air Monitoring Trailers - Fixed Plant or Institutional Equipment	Fixed Plant or Institutional Equipment	\$262,500	Capital Levy
Particulate Speciation Monitors - Medical and Lab Equipment	Medical and Lab Equipment	\$138,600	Capital Levy
Sonic Meteorological Data Translation System - Medical and Lab Equipment	Medical and Lab Equipment	\$29,600	Capital Levy
Primary Standard - Medical and Lab Equipment	Medical and Lab Equipment	\$13,750	Capital Levy
Secondary Standard - Medical and Lab Equipment	Medical and Lab Equipment	\$10,000	Capital Levy
	<b>Total Project for Department 161</b>	<b>454,450</b>	
<b>259 - Medical Examiner</b>			
Replace Toxicology Built-in Refrigerator/Freezer - Fixed Plant or Institutional Equipm	Fixed Plant or Institutional Equipment	\$120,000	Capital Levy
Digital Mobile C-Arm ESP with Hybrid Graphic Printer - Medical and Lab Equipment	Medical and Lab Equipment	\$180,000	Capital Levy
Toxicology Blood Banks - Medical and Lab Equipment	Medical and Lab Equipment	\$80,000	Capital Levy
STAT Drug Analyzer - Medical and Lab Equipment	Medical and Lab Equipment	\$70,000	Capital Levy
SCBA - Hazmat PPE w/Storage Cabinets - Medical and Lab Equipment	Medical and Lab Equipment	\$55,000	Capital Levy
Histology Microtome - Medical and Lab Equipment	Medical and Lab Equipment	\$12,000	Capital Levy
	<b>Total Project for Department 259</b>	<b>517,000</b>	
<b>501 - MFT Illinois First (1st)</b>			
Hot Box Asphalt Recyclers - Fixed Plant or Institutional Equipment	Fixed Plant or Institutional Equipment	\$150,000	Motor Fuel Tax
Wide Format Printer - IT and Telecommunications	IT and Telecommunications	\$30,000	Motor Fuel Tax
Desktop Computers - IT and Telecommunications	IT and Telecommunications	\$37,200	Motor Fuel Tax
Snow Fighters - Vehicle Purchase	Vehicle Purchase	\$1,800,000	Motor Fuel Tax
Crew Cab Dump Trucks - Vehicle Purchase	Vehicle Purchase	\$320,000	Motor Fuel Tax
SUV Passenger Vehicles - Vehicle Purchase	Vehicle Purchase	\$124,000	Motor Fuel Tax
Forestry Truck - Vehicle Purchase	Vehicle Purchase	\$350,000	Motor Fuel Tax
Vactor Sewer Cleaning Trucks - Vehicle Purchase	Vehicle Purchase	\$800,000	Motor Fuel Tax
Street Sweepers - Vehicle Purchase	Vehicle Purchase	\$550,000	Motor Fuel Tax
Skid Steer Loaders with Attachments - Vehicle Purchase	Vehicle Purchase	\$250,000	Motor Fuel Tax
Front End Loaders - Vehicle Purchase	Vehicle Purchase	\$900,000	Motor Fuel Tax
Stump Grinders - Vehicle Purchase	Vehicle Purchase	\$108,000	Motor Fuel Tax
Mower Boxes & Boom Mower Attachments - Vehicle Purchase	Vehicle Purchase	\$120,000	Motor Fuel Tax
Field Tractor Mowers - Vehicle Purchase	Vehicle Purchase	\$400,000	Motor Fuel Tax
Snow Plows & Snow Plow Equipment - Vehicle Purchase	Vehicle Purchase	\$144,000	Motor Fuel Tax
20 Ton Dump Trailers - Vehicle Purchase	Vehicle Purchase	\$90,000	Motor Fuel Tax
Gradaill Trenchers - Vehicle Purchase	Vehicle Purchase	\$800,000	Motor Fuel Tax
	<b>Total Project for Department 501</b>	<b>6,973,200</b>	
<b>510 - Animal Control Department</b>			
Computer Equipment - IT and Telecommunications	IT and Telecommunications	\$42,000	Special Purpose Fund

