



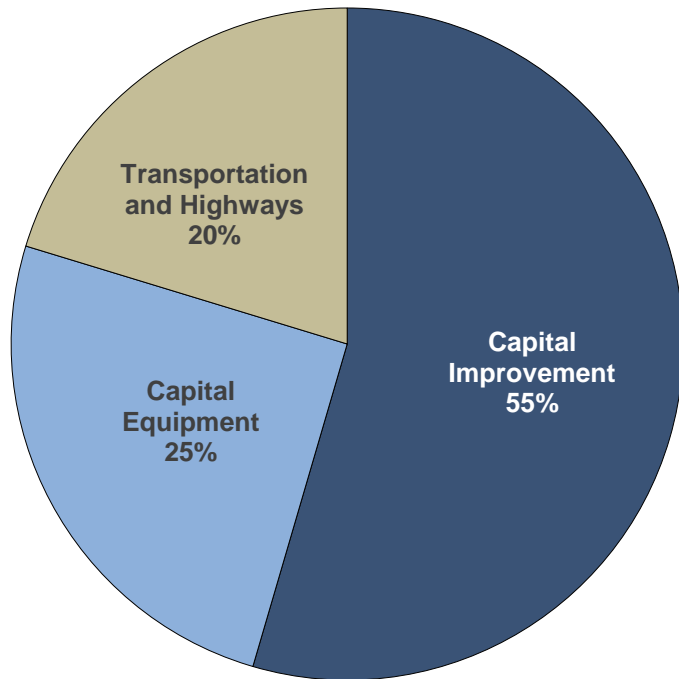
FY2018 CAPITAL BUDGET

November 2, 2017



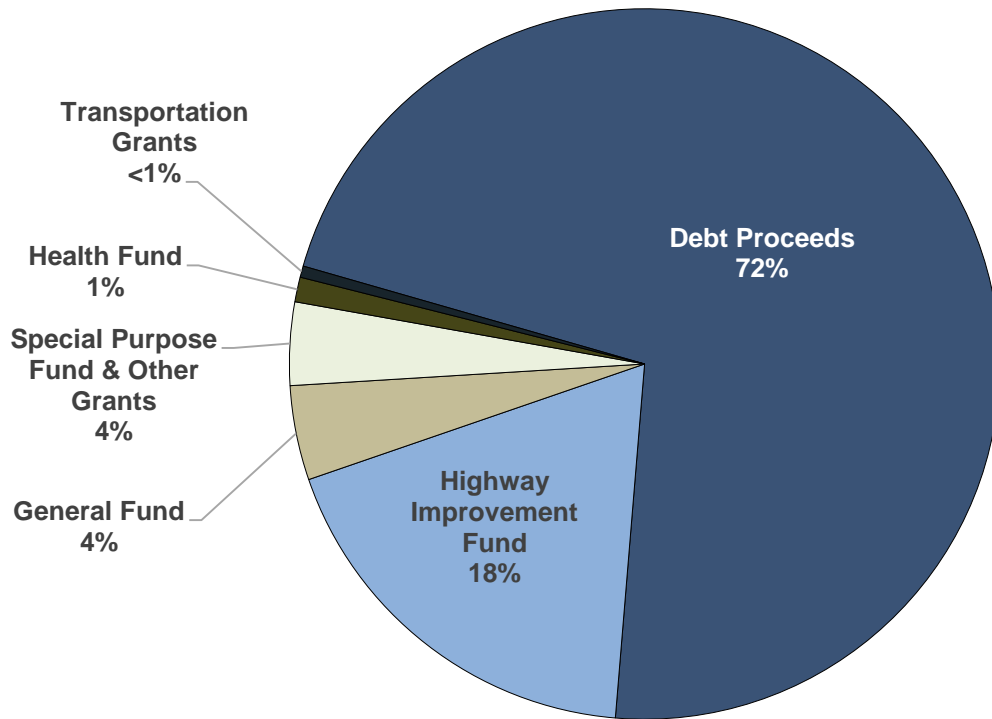
CAPITAL BUDGET OVERVIEW

FY2018 Capital Budget Uses



Project Category	Amount (\$ millions)
Capital Improvement	259.8
Capital Equipment	120.0
Transportation and Highways	96.7
Total	476.5

FY2018 Capital Budget Sources

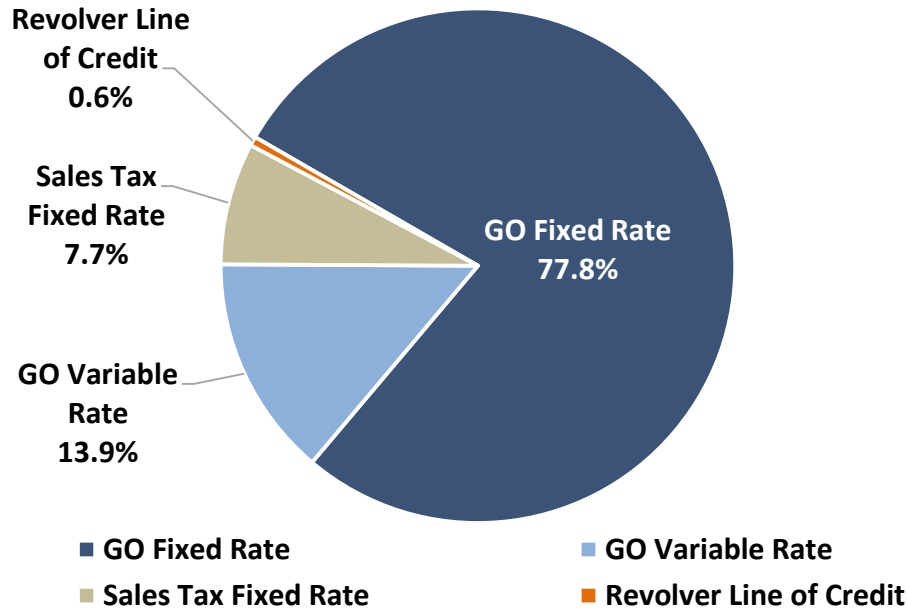


Sources	Amount (\$ millions)
Debt Proceeds	342.5
Highway Improvement Fund	87.7
General Fund	20.5
Special Purpose Fund & Other Grants	18.0
Health Fund	5.4
Transportation Grants	2.4
Total	476.5

County Debt Profile

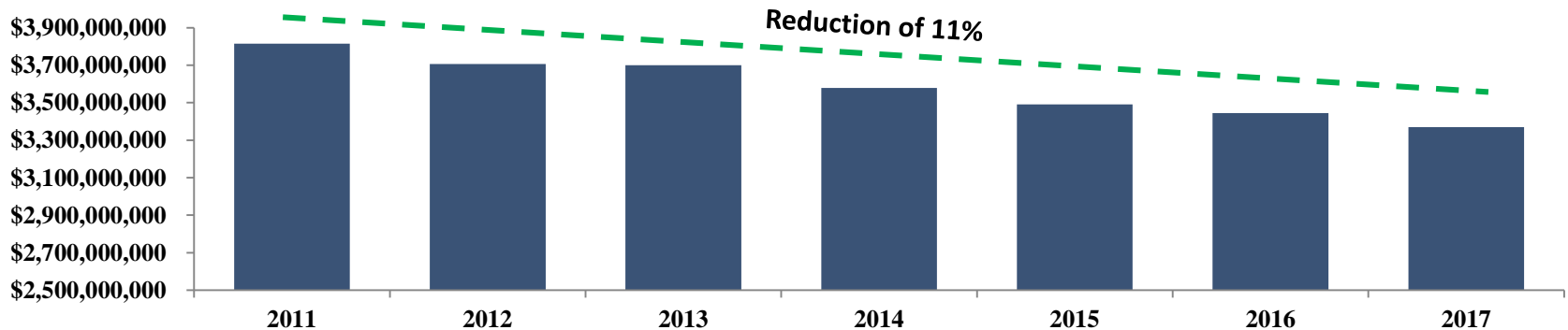


Total Principal Outstanding as of 11/30/2017 = \$3,369,949,983



Current Credit Ratings

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

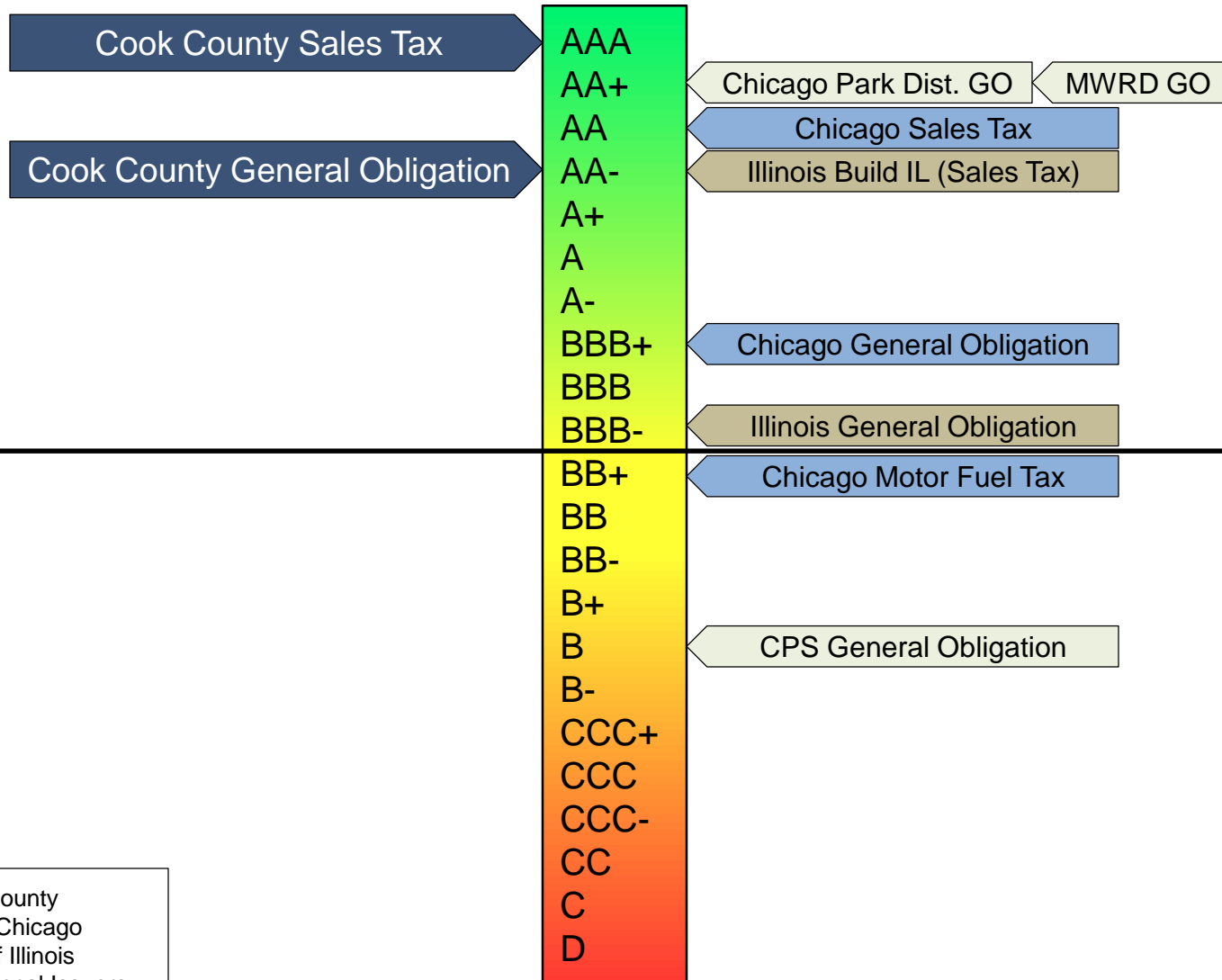




Current S&P Ratings for Local Bond Issuers

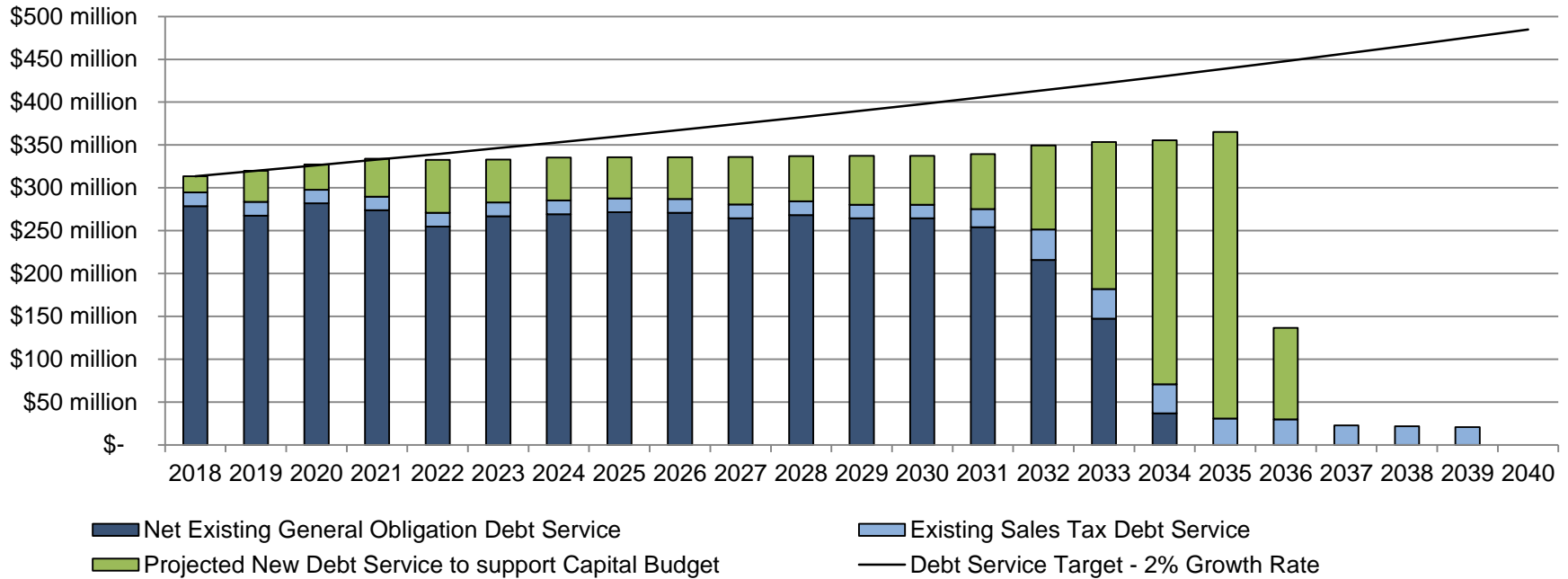
Investment Grade Bonds

Junk Bonds



- Cook County
- City of Chicago
- State of Illinois
- Other Local Issuers

Projected Debt Service for Issuances through FY2022



In FY2016 the County devised a long term plan to manage its debt, which included the following:

1. Create a debt structure that rises by no more than 2% annually, including all anticipated new issuances; a growth rate that would match the long term Federal Reserve inflation forecast
2. Utilize all refunding opportunities to focus savings in key years to keep within 2% growth target
3. Minimize interest costs by utilizing the line of credit to fund capital projects during construction and acquisition phases
4. Actively manage variable rate debt portfolio to take advantage of low interest rate environment



CAPITAL IMPROVEMENT PROJECTS



Real Estate Asset Strategic Realignment Plan

Strategic Framework

- Assess data to create detailed inventory

Capital Plan Development

- Identify critical upgrades & replacements
- Calculate cost of improvements
- Prioritize improvements along County's long-term objectives
- Run funding scenarios demonstrating different spending levels
- Develop capital plan and budget to sustain facilities & support core functions

FY2018 Capital Improvements

- Focusing on funding Priority 1 & 2 needs
- Appropriation request for FY2018 is \$259.8 million

Priority for Maintenance and Replacement

Priority 1: Currently Critical (Immediate)

Conditions require immediate action to correct a cited safety hazard, stop accelerated deterioration, or return a facility to operation.

Priority 2: Potentially Critical (Years 1-2)

Conditions, if not corrected expeditiously, will become critical within a year resulting in intermittent operations, rapid deterioration, potential life safety hazards, etc.

Priority 3: Necessary/Not Yet Critical (Years 3-4)

Conditions require appropriate attention to avoid predictable deterioration, potential downtime, or associated damage or higher costs if deferred further.

Priority 4: Recommended (Years 5-10)

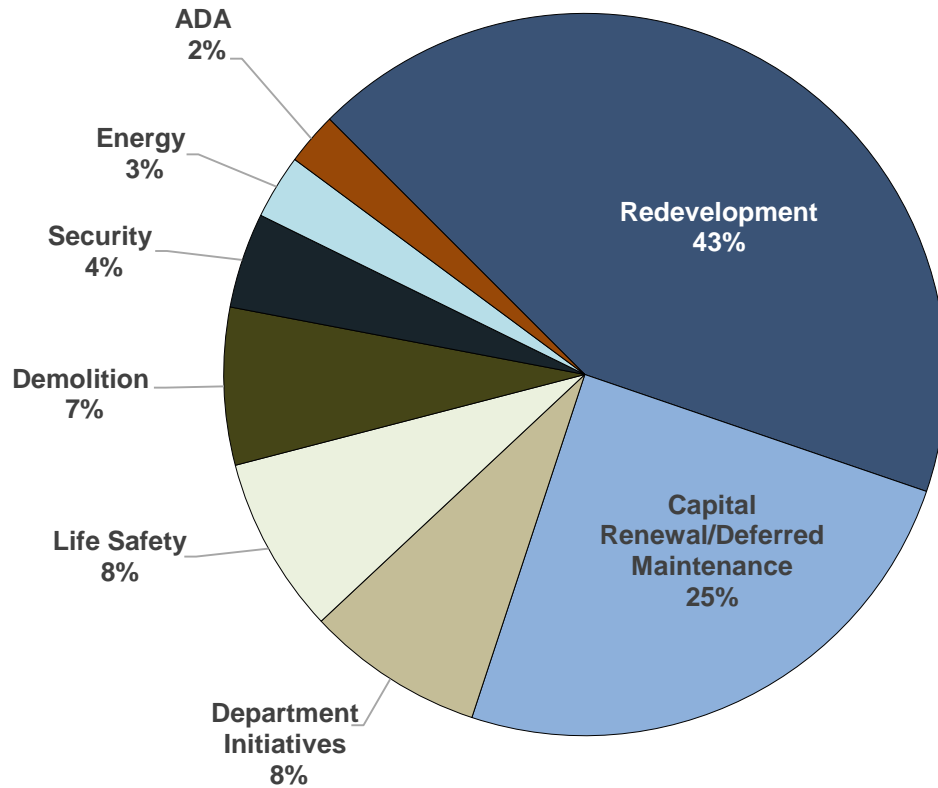
Conditions include items that represent sensible improvement to existing conditions but are not required for the basic function of the facility, overall usability improvements, or long-term maintenance cost reduction.

Priority 5: Does Not Meet Current Codes but is "Grandfathered"

No action is required at this time; however, renovation work performed in the future may trigger correction.



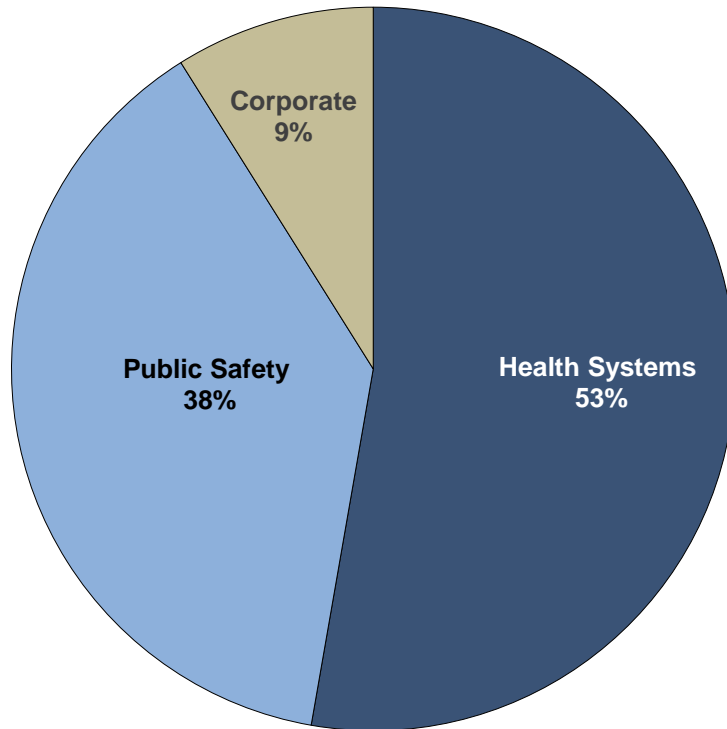
FY2018 Capital Improvement Program by Category



Project Category	Amount (\$ millions)
Redevelopment	111.1
Capital Renewal/Deferred Maintenance	64.5
Department Initiatives	20.7
Life Safety	20.6
Demolition	18.3
Security	11.1
Energy	7.5
ADA	6.0
Total	259.8



FY2018 Capital Improvement Program by Portfolio



Portfolio	Amount (millions)
Health Systems	137.0
Public Safety	99.6
Corporate	23.2
Total	259.8

Major Capital Improvement Projects



Corporate Facilities

- Renovation and Consolidation at Dunne and County Buildings
- Warehouse & Print Shop Consolidation
- Dunne Building 22nd floor conference center

Health & Hospital

- Central Campus Redevelopment
- Forensic Medicine Toxicology & Autopsy renovation
- Community Based Healthcare Clinics

Public Safety

- Demolition of Division I/IA
- Branch Courts Renovations/Consolidation
- Courthouses Hardening Planning & Design (UASI)
- DOC Campus Roof Replacements
- Phase 2 DOC Campus Cameras Program
- DOC Campus Master Plans

Countywide

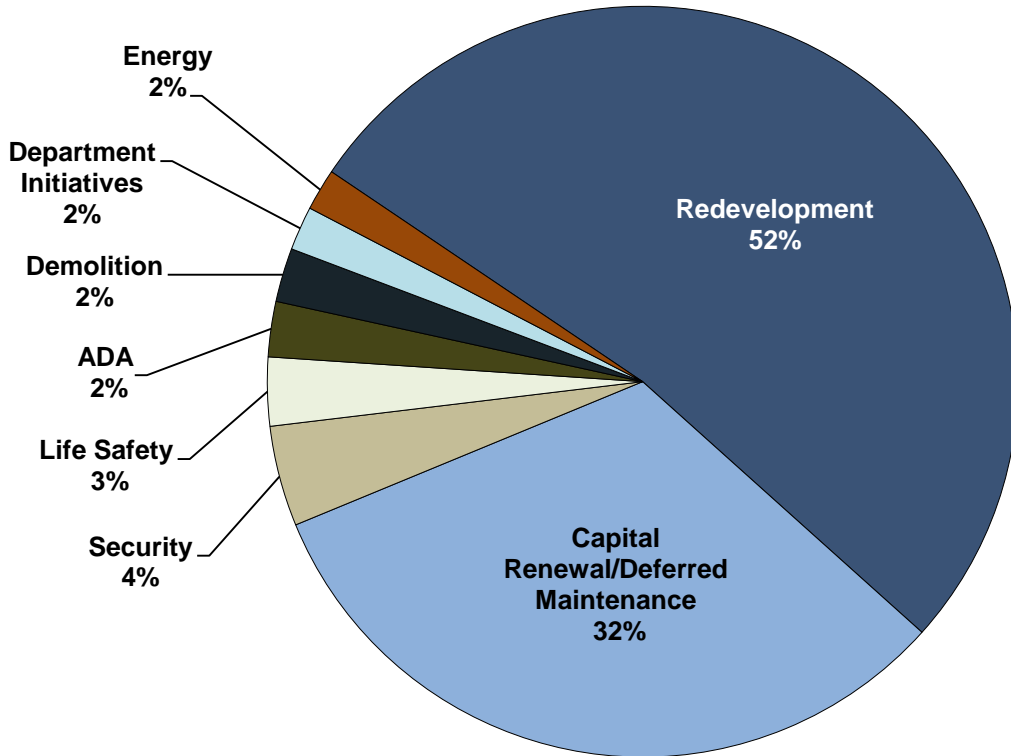
- ADA Compliance
- Life Safety Upgrades
- Elevator and Roof Renovations



Cook County Health and Hospitals System – Central Campus Health Center (under construction)

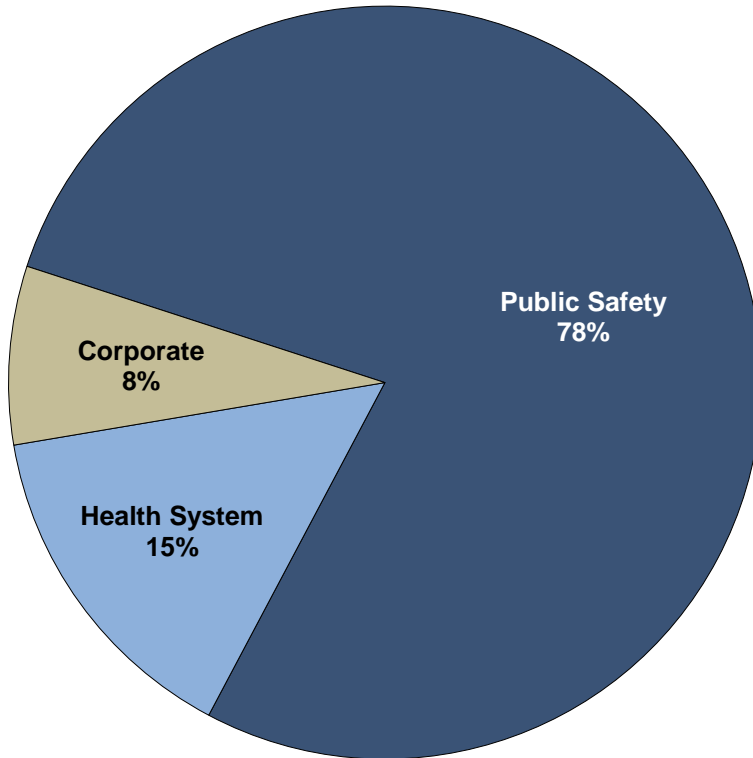


FY2018-2027 Capital Improvement Program by Category



Project Category	Amount (\$ millions)
Redevelopment	1,100.1
Capital Renewal / Deferred Maintenance	677.2
Security	91.3
Life Safety	62.3
ADA	50.2
Demolition	48.9
Department Initiatives	40.0
Energy	37.8
Total	2,107.8

FY2018-2027 Capital Improvement Program by Portfolio



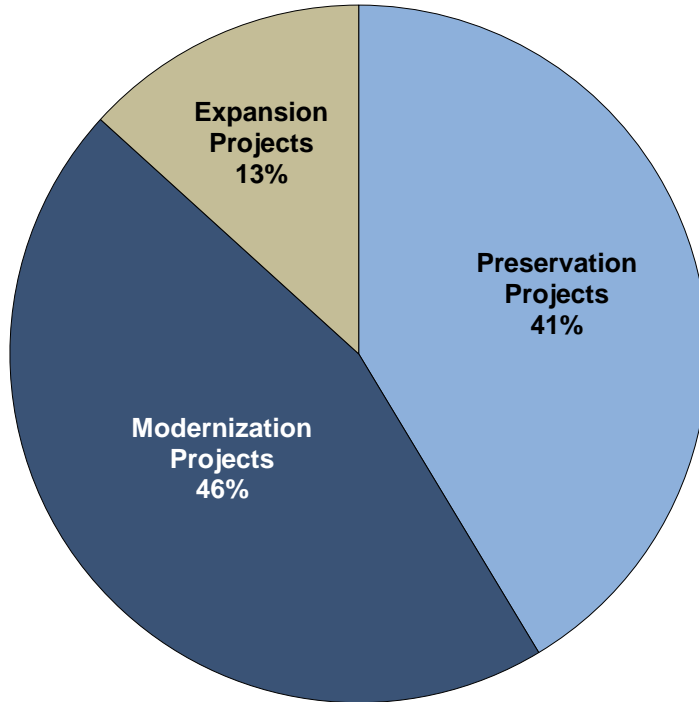
Portfolio	Amount (\$ millions)
Public Safety	1,638.9
Health System	307.5
Corporate	161.4
Total	2,107.8



TRANSPORTATION & HIGHWAYS PROJECTS

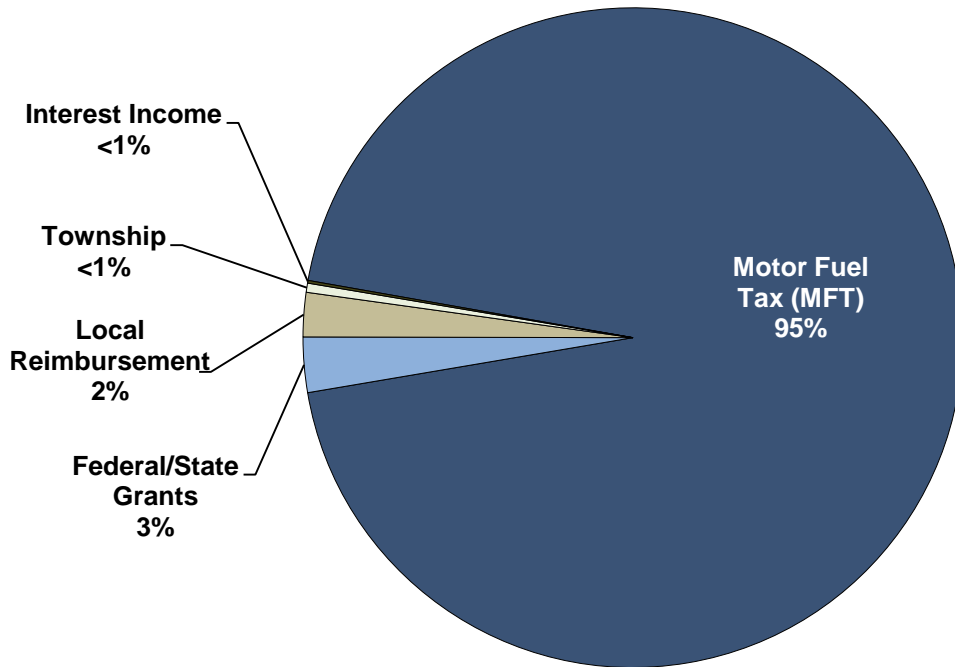


FY2018 Transportation Projects by Category



Project Category	Amount (\$ millions)
Modernization Projects	43.9
Preservation Projects	40.0
Expansion Projects	12.8
TOTAL	96.7

FY2018 Transportation Project Funding Estimate



Funding Source	Amount (\$ millions)
Motor Fuel Tax (MFT)	91.5
Federal / State Grants	2.6
Local Reimbursement	2.1
Township	0.4
Interest Income	0.1
TOTAL	96.7

2040 Long Range Transportation Plan



Policy Priorities to Guide Transportation Investment

- Prioritize Transit and Other Transportation Alternatives
- Support the Region's Role as North America's Freight Capital
- Promote Equal Access to Opportunities
- Maintain and Modernize What Already Exists
- Increase Investments in Transportation





Major Projects in Design and under Construction

Projects Under Construction

Lake Cook Road

- New Roadway Construction/Reconstruction
- Traffic signal improvements
- Shared use path
- Multi-agency project partnership with IDOT, Lake County, the Village of Buffalo Grove, and the City of Wheeling

County Line Road & North Avenue

- New tollway ramp interchange from southbound I-294
- New Roadway Construction/Reconstruction
- Traffic signal improvements
- Multi-agency project partnership with Illinois Tollway, IDOT, the City of Northlake, and the City of Elmhurst

Touhy Avenue

- Improved freight mobility in busy manufacturing cluster adjacent to O'Hare airport
- Intersection reconstruction
- Roadway reconstruction
- New shared use path
- Multi-agency project partnership with Illinois Tollway, DuPage County, the Village of Elk Grove Village, and the City of Des Plaines

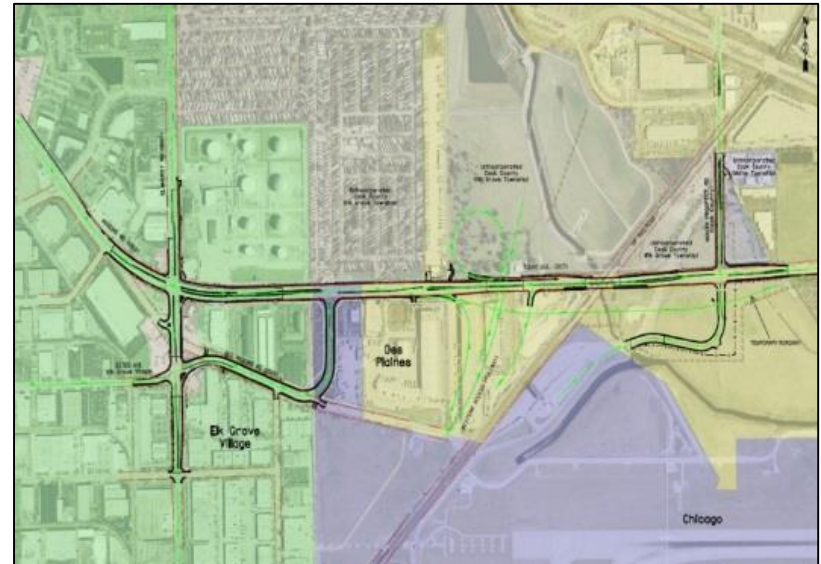
Countywide Paving Contracts

- \$10-15 million (2017 award, 2018 construction)
- \$40-45 million (2018 award, 2019 construction)

Countywide Pavement Marking Contracts

Projects in Design

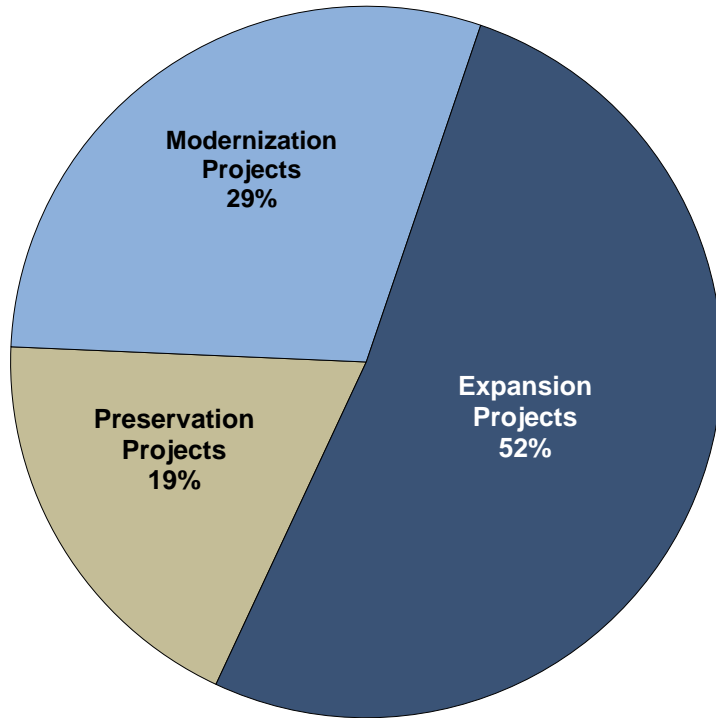
- **Joe Orr Road**—Torrence Avenue to Burnham Avenue
- **Kedzie Avenue** – 159th Street to Flossmoor Road
- **Crawford Avenue** – 127th Street to 143rd Street
- **Plainfield Road** – County Line to East Avenue



Touhy Avenue Project Map

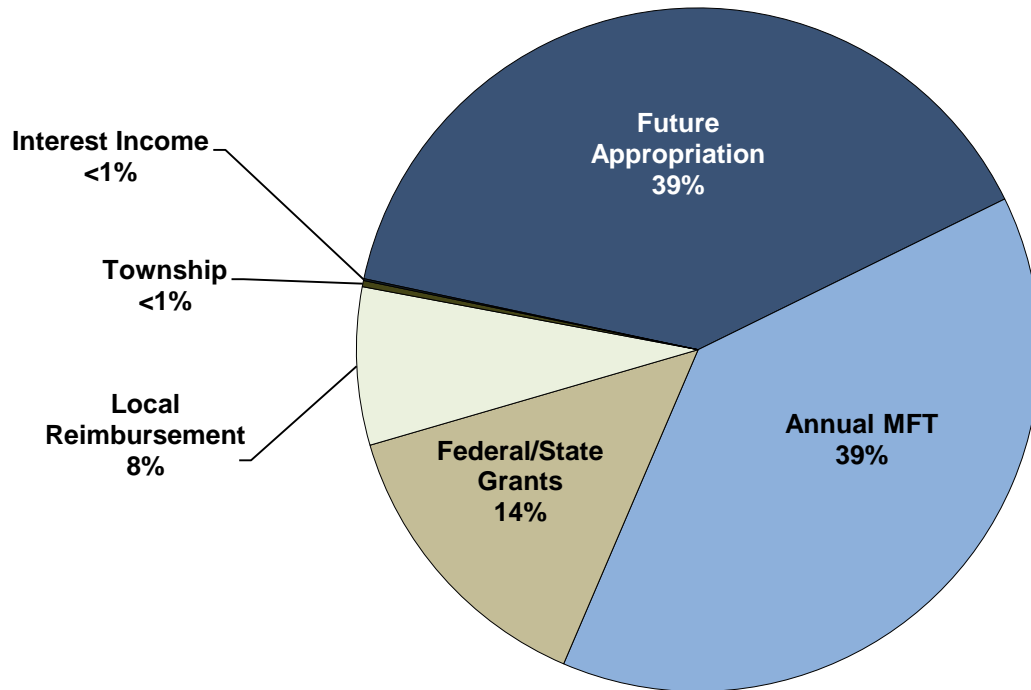


FY2018-2022 Transportation Program by Categories



Category	Amount (\$ millions)
Modernization Projects	324.9
Expansion Projects	280.4
Preservation Projects	132.1
TOTAL	737.5

FY2018-2022 Projects Funding Estimates

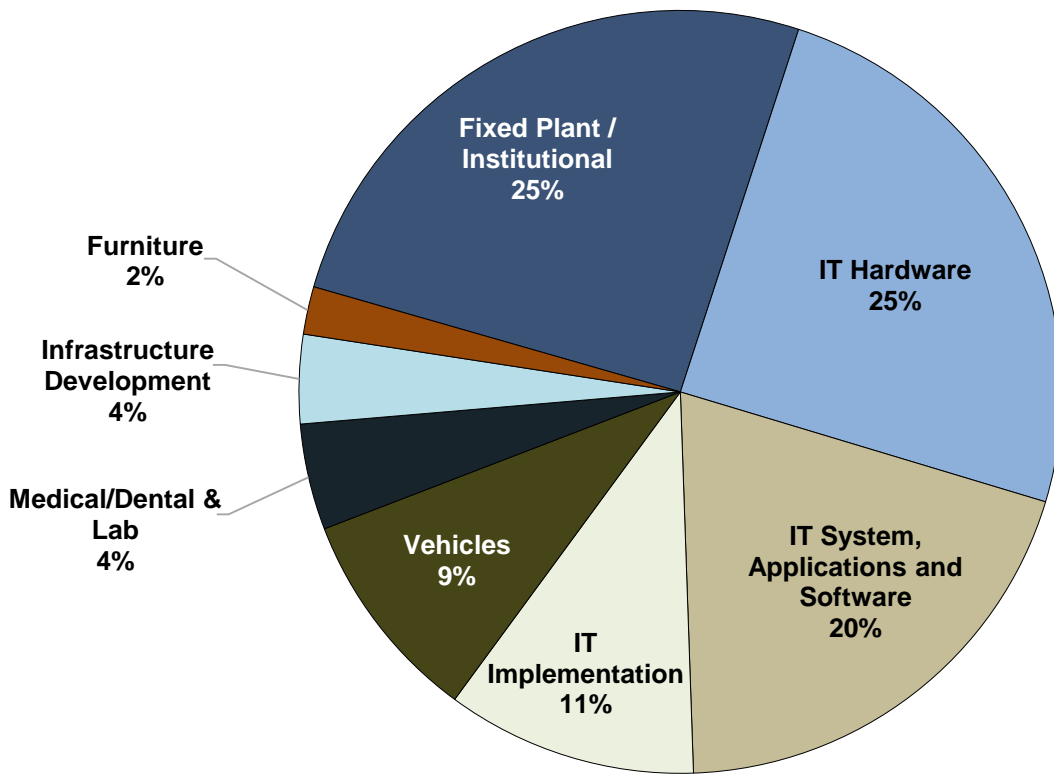


Funding Source	Amount (\$ millions)
Future Appropriation	289.2
Annual MFT	286.3
Federal / State Grants	104.0
Local Reimbursement	55.2
Township	2.2
Interest Income	0.6
TOTAL	737.5



CAPITAL EQUIPMENT PROJECTS

FY2018 Capital Equipment Recommendations

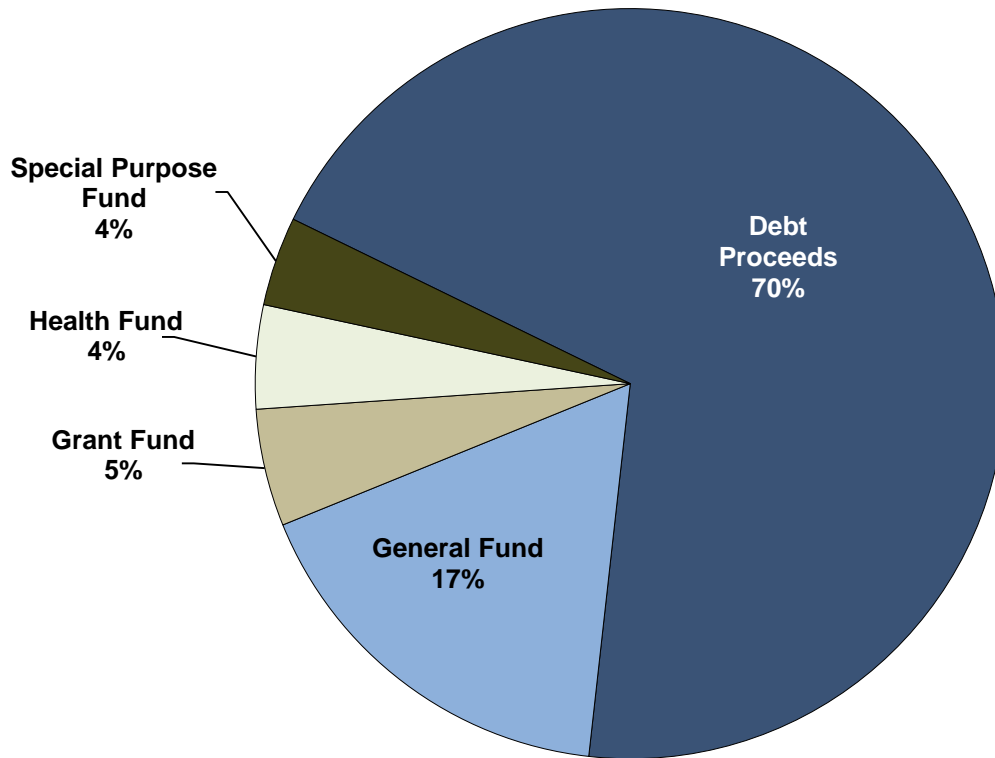


Project Type	Amount (\$ millions)
Fixed Plant / Institutional	30.7
IT Hardware	29.6
IT Systems Applications and Software	23.8
IT Implementation	12.7
Vehicles	10.9
Medical & Lab	5.4
IT Infrastructure Development	4.5
Furniture / Office Equipment	2.4
TOTAL	120.0

Amount Requested	173.3
Amount Recommended	120.0



FY2018 Capital Equipment By Funding Source

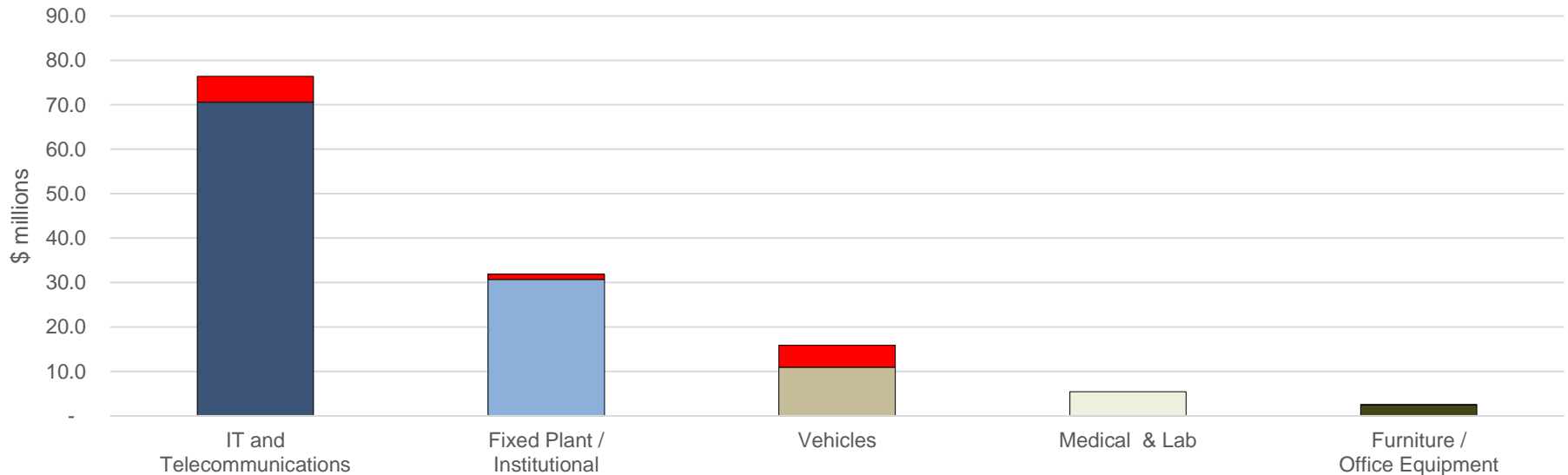


Funding Source	Amount (\$ millions)
Debt Proceeds	83.4
General Fund	20.5
Grant Fund	6.1
Health Fund	5.4
Special Purpose Fund	4.6
TOTAL	120.0



FY2018 Capital Equipment Reductions

Project Type	Original Amount (\$ millions)	Reduced Amount (\$ millions)	Difference (\$ millions)
IT and Telecommunications	70.6	64.7	(5.9)
Fixed Plant / Institutional	30.7	29.5	(1.2)
Vehicles	10.9	5.9	(5.0)
Medical & Lab	5.4	5.4	0.0
Furniture / Office Equipment	2.4	2.3	(0.1)
TOTAL	120.0	107.8	(12.1)





FY2018 Major Information Technology Projects

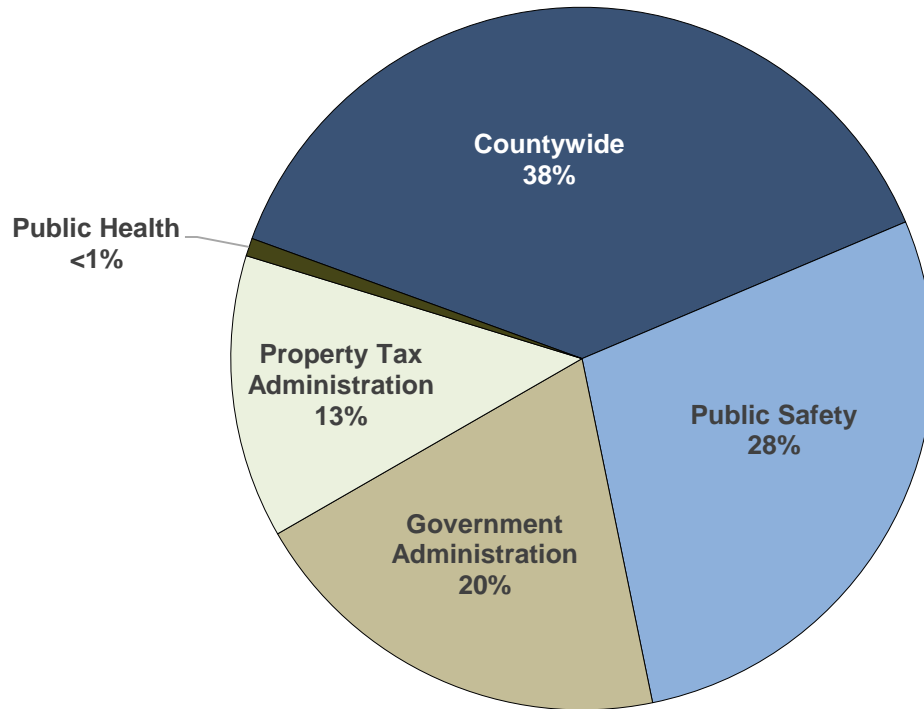
Cook County critically needs to update systems that support key finance, human resources, public safety and property tax related functions; approved projects focus on:

- Most critical IT needs
- Highest ROI
- Migration from Mainframe/midrange to modern solutions

Major IT Projects*	Amount (\$ millions)
ERP Financial System	14.2
Implementation of Clerk of the Circuit Court Legacy Electronic Case Management System	9.6
BOT Unified Communications	6.6
GIS Integrated Property Tax System	3.2
SAO Case Management System	2.0
GIS Enterprise Upgrade for ArcGIS 10.5	2.0
BOT Application Modernization	1.9
Recorder of Deeds Land Management	1.8
Juvenile Enterprise Management System (JEMS)	1.4
Adult Probation Case Management System	1.4
BOT Network & Computer Equipment	1.1

*Note: Many projects will span multiple fiscal years and the funds above represent FY2018 portion of the investment

FY2018 Technology Investment by Function



Project Type	Amount (\$ millions)
Countywide	26.9
Public Safety	19.9
Government Administration	14.0
Property Tax Administration	9.2
Public Health	0.6
TOTAL	70.6

* Maintenance and hosting for Enterprise systems will be cross-charged to department budgets upon completion of implementation and per agreed upon methodology based on usage