



# Chicago Department of Transportation

Gabe Klein, Commissioner

Cindy Williams, Quality Assurance Manager

Underground Contractors Association

*2012 Convention*





# CDOT Divisions

- Division of Administration
- Division of Electrical Operations
- Division of Engineering
- Division of Infrastructure Management
  - Board of Underground
  - Public Way Permitting and Inspections
  - Sign Management
- Division of In House Construction
- Division of Project Development



# CDOT is responsible for

- 45 Moveable bridges
- 40 Fixed bridges
- 144 Viaducts
- 1,000 miles of major streets
- 3,000 miles of residential streets
- 2,100 miles of alleys
- 7,400 miles of sidewalks
- 50 miles Freight/Trolley Tunnels
- 93 miles Landscaped medians
- 22 Subway Stations
- 16 Elevated Stations
- 19 Depressed Stations
- 3 At-grade Stations
- 240,000 street lights
- 90,000 alley lights
- 2,900 signalized intersections
- Harbor Master to Chicago River
- Shoreline protection, conjunction with Corps



## 2012 Projects

- Clark/Division Redline Station ~\$70M
- Wells Street Bascule Bridge Rehab ~\$20M
- Root Street Realignment @ Halsted ~\$5M
- Industrial Street Reconstruction ~\$5M
- Howard Street Streetscape ~\$4M
- Foster Street Streetscape ~\$5M



## 2012 Projects

- STREET Resurfacing Program – New Look
  - Traditional Scope Contracts (State/Fed Funding), 4-areas
  - Modified Scope Contracts (City Funding), 4-areas
  - Pilot Resurfacing and Maintenance Contract (City Funding)
- ADA Ramp Program, 4-areas



# Looking at...

- Revisions to Regulations in the ROW
  - Restoration limits
  - Private-cut restorations
  - Backfill specifications
  - Accountability
- Conflict Resolution System – Permit driven
  - Coordination
  - Education
  - Quality Control
  - Enforcement
- Improvements to Vendor Payments/Process
- Sustainability



# Chicago Department of Water Management

Thomas H. Powers, P.E.  
Commissioner

Barrett Murphy  
1<sup>st</sup> Deputy Commissioner





# Water System Overview



## *Protecting public health & safety*

- 2 Cribs
- 2 Water Purification Plants
  - Jardine: 1,457 MGD rated capacity
  - South: 720 MGD rated capacity
- 12 Water Pumping Stations
- 4,200 Miles of Distribution Mains
- 4,400 Miles of Sewer Mains
- 47,600 Fire Hydrants
- Serve City & 125 suburbs (~41% of IL)
- Serve 5.3 million people





---

# **Rate Increase, and the Effect on the Capital Program of CDWM**



# 2011 Capital Program



- **30 Miles of Water Main Replacement**
  - 12 miles Contract, 40%
  - 18 miles In-House, 60%
- **9 Miles of Sewer Main Replacement**
  - 2 miles Contract, 25%
  - 7 miles In-House, 75%
- **40 Miles Sewer Lining**
  - All Contract
- **14,000 Structures Lined**
  - All Contract

**\*\*\*Enterprise funds only**



# 2012 Capital Program



- **70 Miles of Water Main Replacement**
  - 40 miles Contractor, 60%
  - 30 miles In-House, 40%
- **17 Miles of Sewer Main Replacement**
  - 7 miles Contractor, 40%
  - 10 miles In-House, 60%
- **47 Miles Sewer Lining**
  - All Contract
- **14,000 Structures Lined**
  - All Contract

**\*\*\*Enterprise funds only**



# Status 2012 Capital Program



## Design

- **Design of Water Main**
  - Currently 32 Miles designed, remaining 38 should be completed by early summer 2012
- **Design of Sewer Main Replacement**
  - Currently 8.4 Miles designed, remaining 8.6 should be completed by spring 2012
- **Design of Sewer Lining**
  - Currently 36 Miles designed, remaining 11 should be completed by spring 2012
- **Selection of 14,000 Sewer Structures**
  - Coordinate with menu funds



# 2012 Capital Program



## Contract Construction

- **Water Main Replacement (40 Miles)**
  - Current Term contract(s) capacity
  - Additional Capacity required
    - Let (2) additional Term contracts
    - North Half /South Half
    - \*\*\*Advertising in next 2-4 weeks

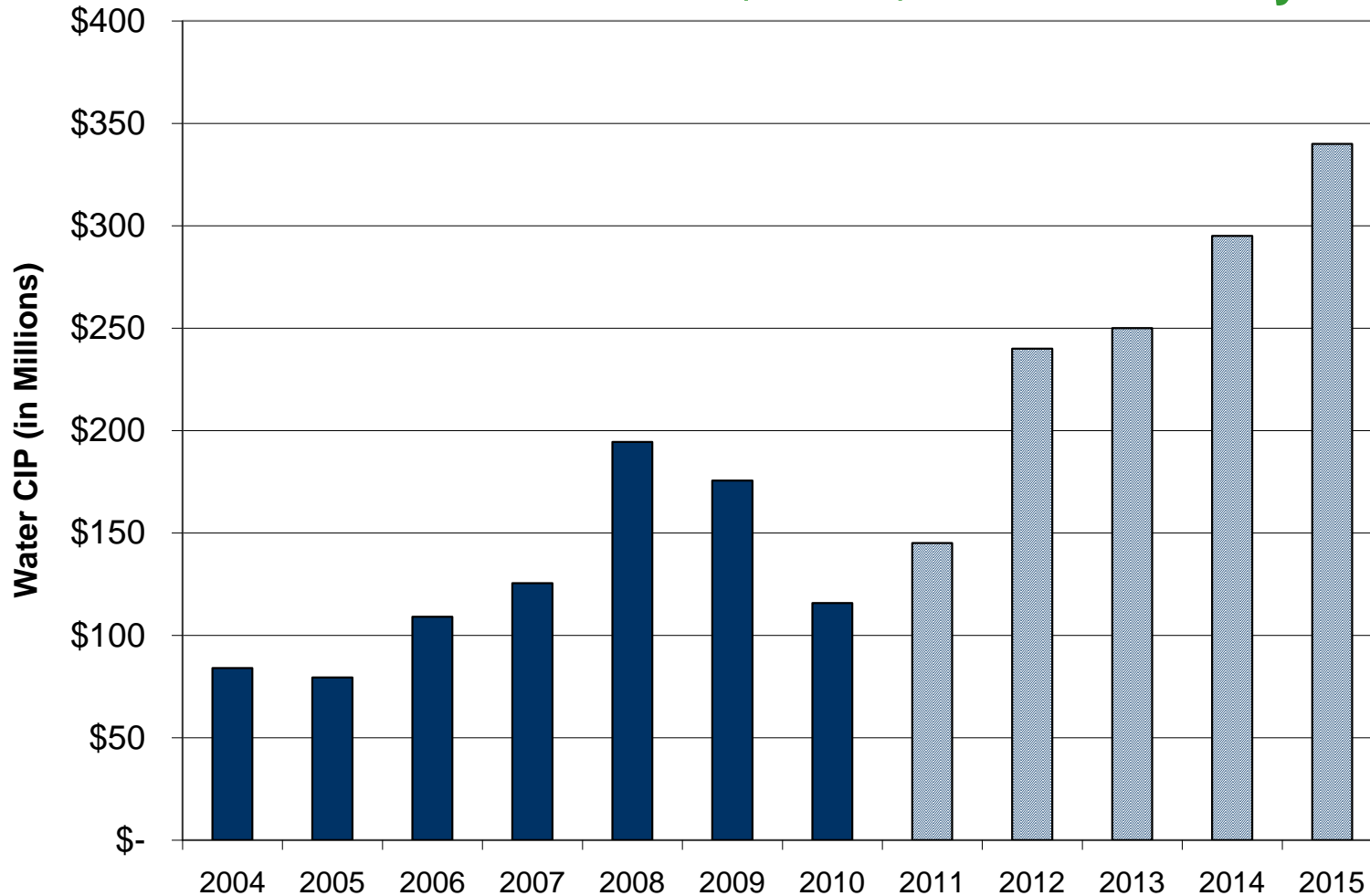


- **Sewer Main Replacement (7 Miles)**
  - Current Term Contract(s) continue, 4-1/2 miles
  - NEW Project Specific Contracts, 2-1/2 miles
    - Four (4) New Contracts, location specific
    - One (1) design-build project
- **Sewer Lining ( 47 Miles)**
  - Current term Contract with ample capacity for 42 miles, working on a vendor limit increase
- **Sewer Structure Lining ( 14,000)**
  - Current term Contract with ample capacity for 14,000 structures

# Impact of Rate Increase on Water CIP



Planned CIP adds \$90 to \$195 MM annually





# Future Water CIP Work



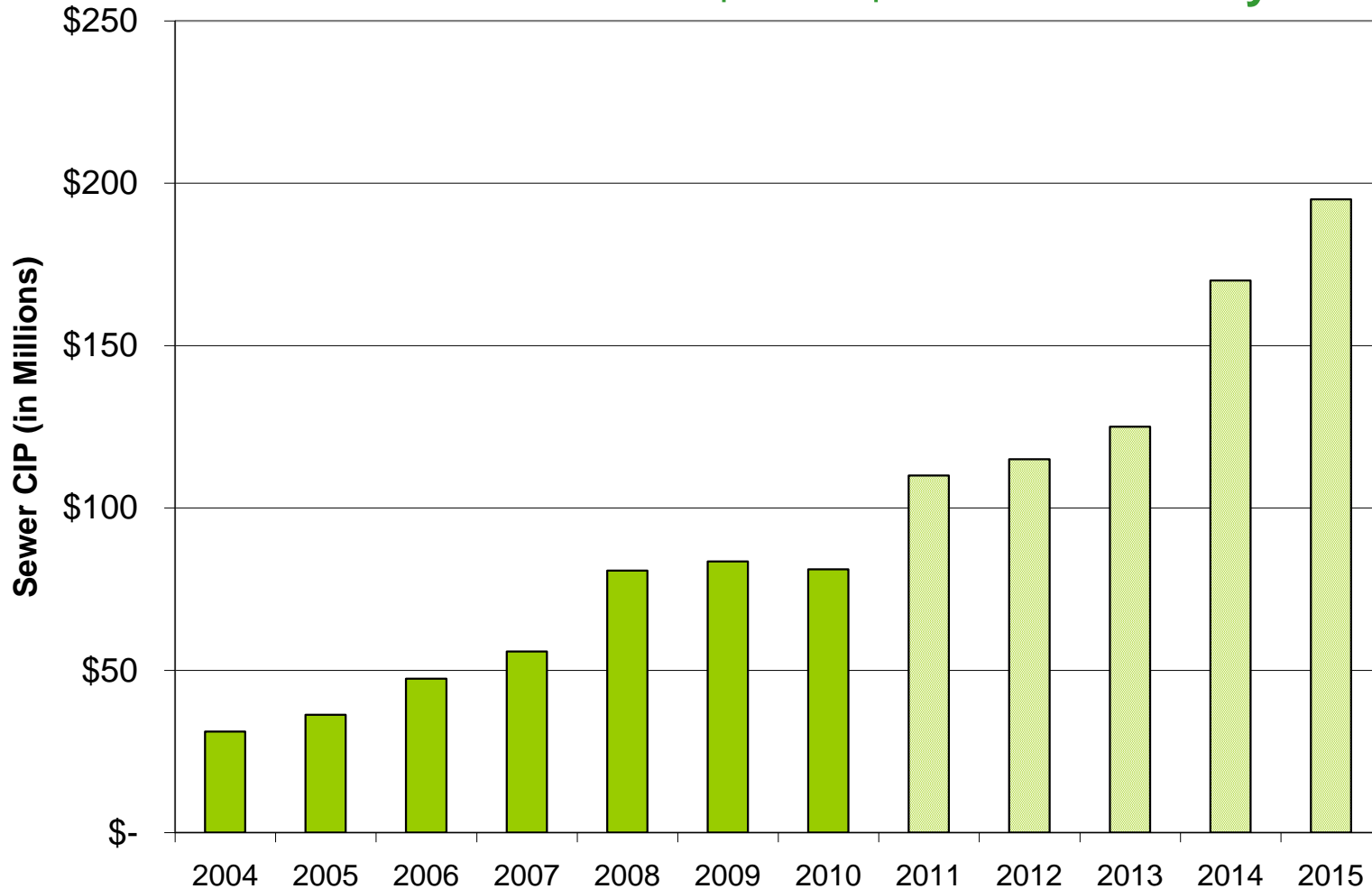
## Watermain Replacement by year

- 2012 - 70 miles
- 2013 - 85 miles (est.)
- 2014 - 90 miles (est.)
- 2015 - 115 miles (est.)
- 2016 - 115 miles (est.)
- 2017 - 100 miles (est.)

# Impact of Rate Increase on Sewer CIP



Planned CIP adds \$40 to \$120 MM annually

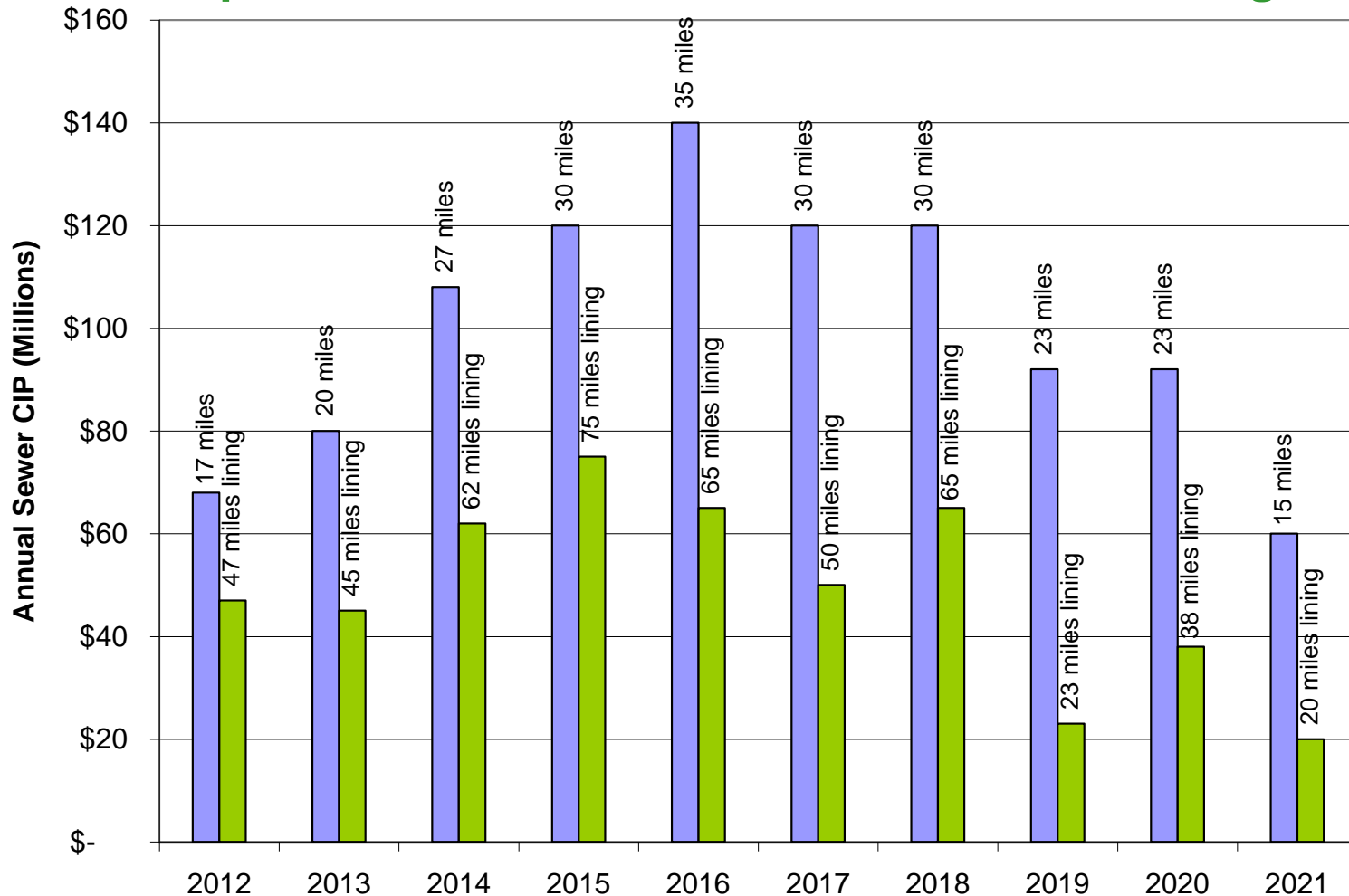




# Future Sewer CIP Work



Replace 250 miles of new; line 490 miles existing





For more information on CDOT, DWM and DPS:

[www.cityofchicago.org/transportation](http://www.cityofchicago.org/transportation)

[www.cityofchicago.org/water](http://www.cityofchicago.org/water)

[www.cityofchicago.org/procurement](http://www.cityofchicago.org/procurement)

