

EVANSTON ILLINOIS

City Council Goals Discussion Infrastructure and Facilities

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City of
Evanston™

Public Works Agency

WATER TREATMENT PLANT PLANNING RESOURCES

- Reference Documents

- Water Treatment Plant Evaluation (ongoing)
- West Filter Master Plan (2018)
- Structural assessments (various)
- Roof Condition Survey (2013)
- Cost of Service Rate Model (ongoing)
- Asset valuation reports (various)
- Etc.

WATER TREATMENT PLANT PLANNING GUIDELINES

- **Regulatory requirements**
 - Safe Drinking Water Act
 - Lead and Copper Rule
 - Disinfection Byproducts Rule
 - 10 State Standards
- **Wholesale water contracts requirements**
 - Asset valuations
 - Reliability
 - Capacity requirements
- **Industry Standard Practices**

WATER TREATMENT PLANT LONG-TERM CONCERNS

- Aging infrastructure
 - Original intake built in 1908
 - Original treatment plant built in 1914
 - Original 5 million gallon reservoir built in 1934
- Funding
 - Maintain current reliable funding stream
 - Resolve Skokie contract issues (currently underpaid by \$2 - \$4 million)

STREET / WM / SEWER / TRANSPORTATION PLANNING RESOURCES

- Reference Documents

www.cityofevanston.org/engineering-reports

- Streetlight Master Plan (2019)
- Complete and Green Streets Policy (2017)
- Bike Plan Update (2014)
- Multi-modal Transportation Plan (2009)
- Street Condition Survey (ongoing – not yet available)

STREET / WM / SEWER / TRANSPORTATION PLANNING GUIDELINES

- **Existing Targets**
 - Established funding levels
 - Rules of thumb
 - Water Main & Sewer – 1% of system / year
- **Maintenance / Operational / Safety**
 - Resident feedback
 - Accident data
 - Known maintenance issues (ex. water main break history)
 - Bridge inspection information

STREET / WM / SEWER / TRANSPORTATION PLANNING – LONG-TERM CONCERNS

- **Age of Infrastructure**
 - Average age of water main
 - Condition of sidewalks / streetscapes
- **Larger Safety Issues**
 - Bicycle/pedestrian traffic management
 - ADA / age-friendly
 - Speeding
- **Change in Grant Funding Requirements**
 - Complete and green streets discussion
 - Phase I engineering required

PARKS PLANNING RESOURCES

- Reference Documents

www.cityofevanston.org/engineering-reports

- Parks Scorecard (2016)
- Lakefront Master Plan (2008)
- Ladd Arboretum Master Plan (2007)
- Parks Strategic Master Plan (2001)

PARKS PLANNING GUIDELINES

- Existing Targets
 - Established funding levels
- Maintenance / Operational / Safety
 - Resident feedback
 - Playground safety inspection reports
 - Surfaces condition (courts, pathways, grass areas)
 - Condition of support infrastructure (lighting, underground infrastructure)

PARKS PLANNING – LONG-TERM CONCERNS

- Improvements are reactive, not planned
- Changes to accommodate new recreation modes are not planned for
- Long-term funding levels not considered

FACILITIES CIP PLANNING RESOURCES

- Reference Documents

www.cityofevanston.org/engineering-reports

- ArcFlash Study (ongoing)
- Citywide Generator Evaluation (2017)
- Citywide Roof Assessment (2016)
- ADA Self-Evaluation and Transition Report (2012)
- Staff building assessments (ongoing)

FACILITIES CIP PLANNING GUIDELINES

- Existing Targets
 - Established funding levels
- Maintenance / Operational / Safety
 - Life safety issues
 - Critical building systems – Building Envelope, Electric, HVAC, Fire Protection, Elevators)
 - Sustainability
 - Finishes and functionality (lowest priority)

FACILITIES CIP PLANNING – LONG-TERM CONCERNS

- Multiple buildings require substantial investment to stay operational
 - Crown Community Center
 - Civic Center
 - Noyes Cultural Arts Center
 - Police & Fire HQ
 - Parking garages (3 total)
 - Animal Shelter
 - Fire Station 4

FACILITIES CIP PLANNING – LONG-TERM CONCERNS

- Multiple buildings face challenges because they were not designed for current use
 - Civic Center
 - Noyes Cultural Arts Center
 - Police & Fire HQ
 - Animal Shelter
 - Fire Station 4
- Reactive vs. long-term planning
- Reliable funding source that increases over time

QUESTIONS AND DISCUSSION