



# Stormwater Management Commission Update

**Michael Warner, Director** 

7/29/2020

Lake County's Mission

Deliver exceptional, financially and environmentally responsive/responsible services that promote a safe, affordable, healthy, and resilient community.



# **Department Overview**



#### **Primary functions and tasks**

- <u>REGULATORY</u> Countywide Ordinance Authority, Development Permits and Inspections; Floodplain and Wetland Impacts; + Federal/State Countywide Regulation Compliance
- <u>ENGINEERING</u> Design, Construction Mngt, Maintenance, Project and Program Mngt, Flood Response
- <u>ADMINISTRATION</u> Financial, Personnel, Grant and Project Support, Program and Policy Development
- <u>PLANNING</u> Watershed Planning Specific, includes Project and Program Management, Grant Procurement and Mngt
- <u>GIS/Public Outreach</u> Mapping/Analysis support for project work; Public/Tech Group/Governmental Interactions and Engagement
- <u>Staffing</u>
  - 17 full-time, 1 part-time, 1 shared position
- Total departmental budget for FY20
  - \$3.1 mil operating + \$2 mil for capital infrastructure projects



# Regulatory WDO Amendments

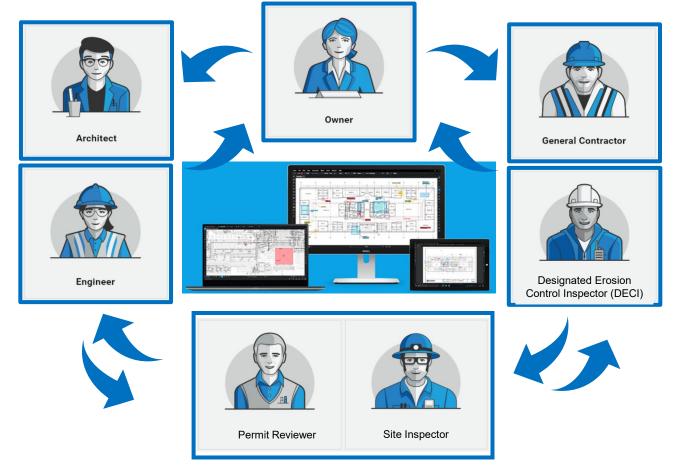


Up to 45% higher **Revised Watershed Development Ordinance Timeline** rainfall design July 9, 2020 requirements SMC approval and June 6, 2019 60-day Public Comment period. SMC opens Stormwater detention 30-day Public September 2020 Comment Period. Public Notice and Technical options and incentives Hearing. Guidance Memo #1 Issued. PWPT/ E&E Approval. Updated Wetland regulations July - September July - October October June **START FINISH** 2019 2019 20'20 2019 2020 **Public Comment Period Open through** Public March 2019 Information October 13, 2020 Meetings September 8th Illinois State County Board July 16, 2019 in Highland Park Water Survey approval. publishes July 23, 2019 in Barrington updated rainfall. October 16, 2020 August 8, 2019 in Round Lake Mailout for community adoption. September 17, 2019 in Gurnee October 23, 2019 in Des Plaines Lake County, Illinois





### Integrated Energov-Bluebeam process: Application-Review-Permitting-Inspection



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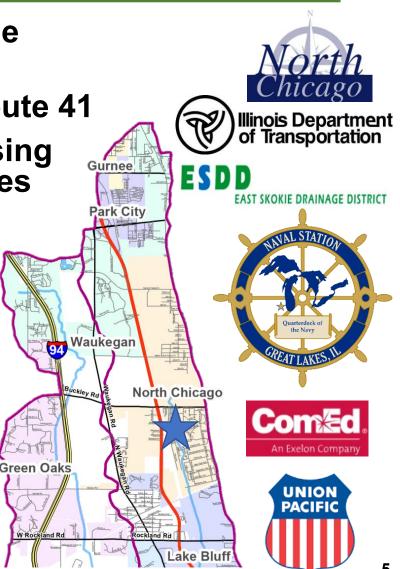
### Engineering – Flood Mitigation Route 41 - Naval Station



STORMWATER MANAGEMENT COMMISSION

- Strawberry Condos flood damage reduction (sixth phase)
- Alleviate flood hazards along Route 41
- Reduce flooding of military housing through Naval Station Great Lakes







### Engineering Current Sustainability/Resiliency Initiatives



#### Flood-prone Property Buyouts

- One of the most effective long-term flood mitigation tools
- Eliminates Future Flood Damage and Emergency Response Need
- Funding Combination: Federal, State, County, Municipal/Local
- 3 grants underway, 24 total homes classified as "Repetitive Loss Structures"
- Demolition Bid is out, expect removals to start, Fall 2020







# **Project Administration**



### **Public Act 101-0638**

(State of Illinois/DCEO Funding)

- Signed into law, 6/12/20
- Provides \$125 million to SMC for flood mitigation infrastructure
- Program Policy adopted 7/9/20
- Initial Project List to SMC 8/6/20
  - (9 projects/\$22 mil/13 local government partners)
- Countywide Request for additional projects – Fall 2020



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### Watershed Planning Previous 12 Months



- Wetland Restoration & Preservation Plan
- Completed Watershed Projects: Libertyville
  Township, Village of Libertyville



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### Watershed Planning Next 12 Months



- Complete Lake Michigan and North Branch Chicago River Watershed Plans
- New Watershed Projects with local partners (leverages \$2M of outside funding)
- Watershed Workgroup Coordination





# **Questions?**