



STORMWATER MANAGEMENT COMMISSION

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



STORMWATER MANAGEMENT COMMISSION

Primary functions and tasks

- **REGULATORY** – Countywide Ordinance Authority, Development Permits and Inspections; Floodplain and Wetland Impacts; + Federal/State Countywide Regulation Compliance
- **ENGINEERING** - Design, Construction Mngt, Maintenance, Project and Program Mngt, Flood Response
- **ADMINISTRATION** - Financial, Personnel, Grant and Project Support, Program and Policy Development
- **PLANNING** - Watershed Planning Specific, includes Project and Program Management, Grant Procurement and Mngt
- **GIS/Public Outreach** - Mapping/Analysis support for project work; Public/Tech Group/Governmental Interactions and Engagement
- **Staffing**
 - 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

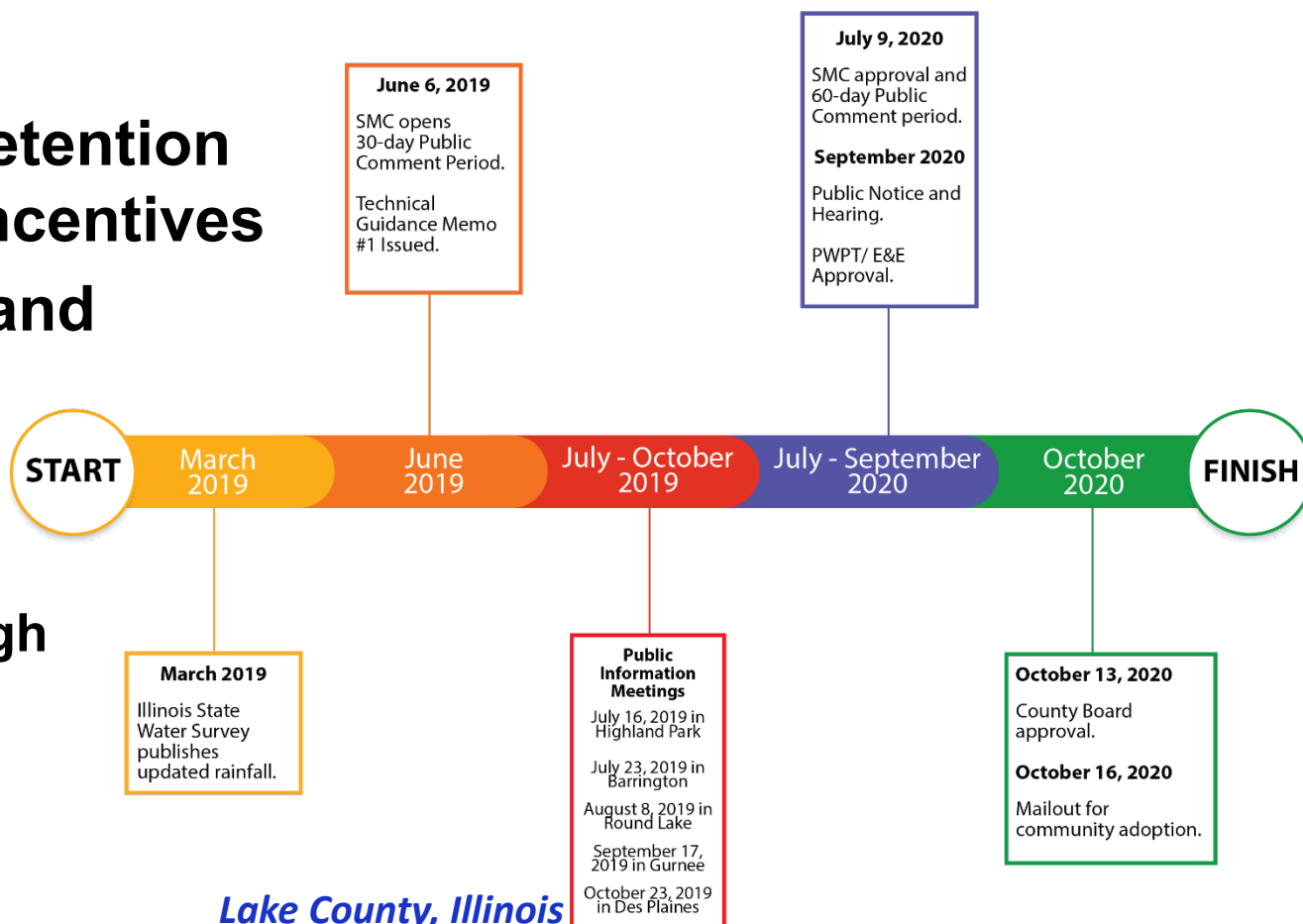


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- Up to 45% higher rainfall design requirements
- Stormwater detention options and incentives
- Updated Wetland regulations

Revised Watershed Development Ordinance Timeline

Public Comment
Period Open through
September 8th



Lake County, Illinois

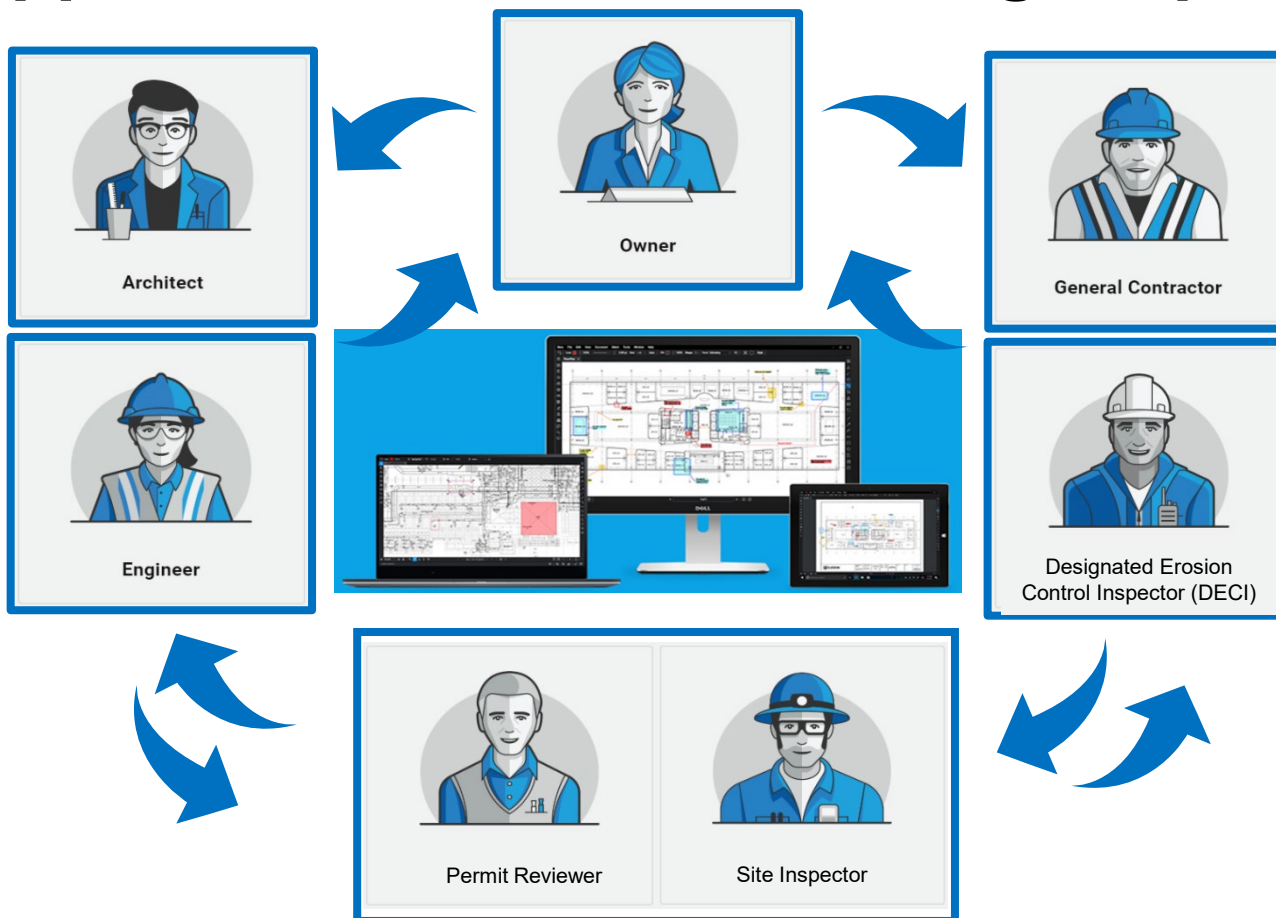


Regulatory Electronic Permit eReview



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





Engineering – Flood Mitigation Route 41 - Naval Station



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



Illinois Department
of Transportation

ESDD

EAST SKOKIE DRAINAGE DISTRICT





Engineering Current Sustainability/Resiliency Initiatives



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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





Watershed Planning Previous 12 Months



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



Lake County, Illinois



Watershed Planning Next 12 Months



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



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Questions?