



# Business Item 2022-159A:

Ratification of Updates for the Emergency Repairs of  
Brooklyn Park Interceptor 7015 A&B



Environment Committee: July 12, 2022

Adam Gordon

# Emergency Declaration Purpose

A declared public emergency is an emergency situation in which the health, safety, or welfare of the public or the safety of Metropolitan Council employees or facilities is compromised or potentially compromised and requires immediate action to correct.

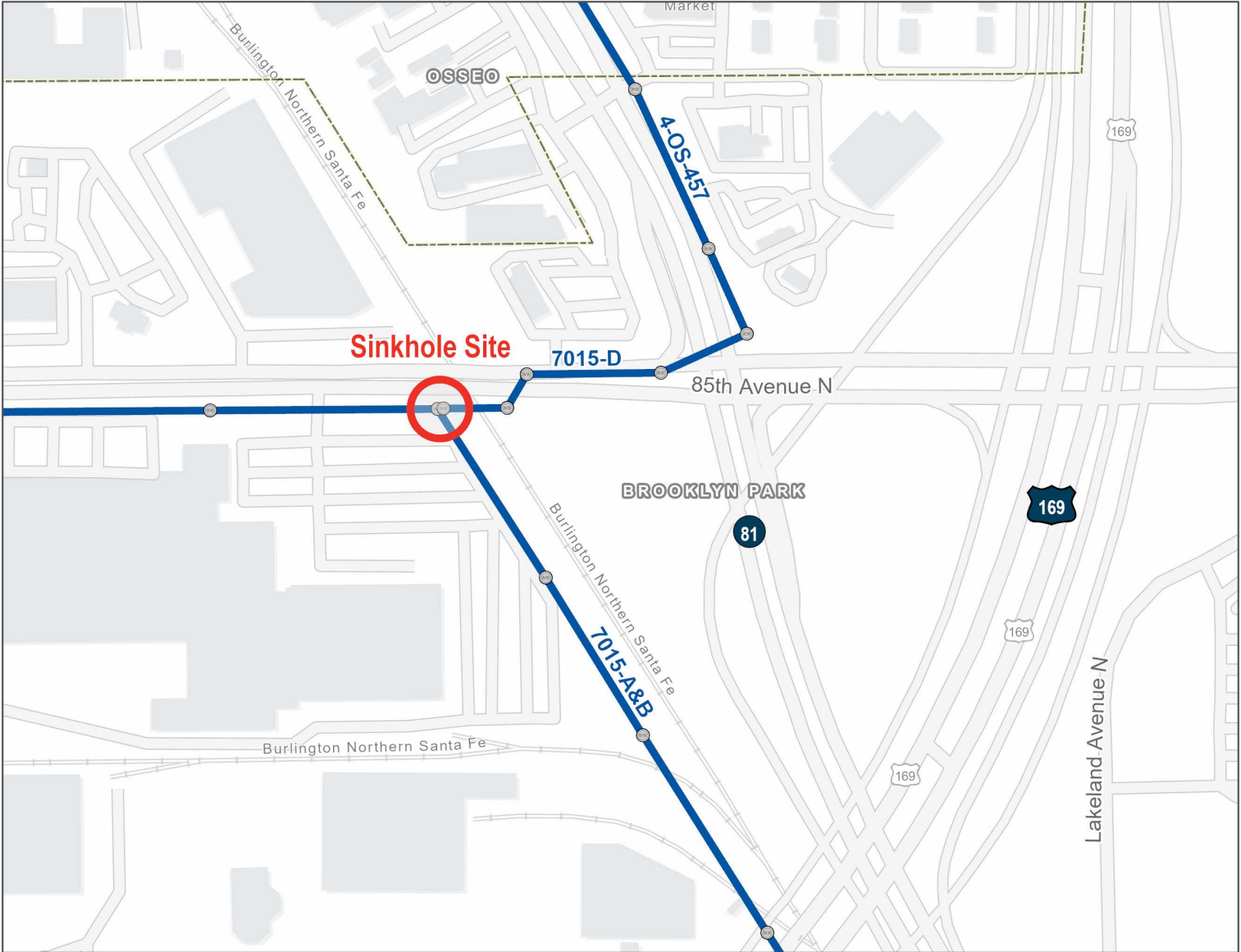
## Recent Emergency Declaration Examples:

- Fire at a wastewater treatment plant or facility requiring repair and restoration of facilities for operations
- Failure of an interceptor due to corrosion of the pipe and creating risk to the integrity of a roadway
- Failure of carbon media at a large odor control facility compromising the welfare of the public

# Emergency Declaration Process

- Infrastructure concern identified and investigated
- Determination made that carrying out the competitive bidding process prescribed by the Council's Procurement Policy would unacceptably delay the commencement of work to repair the facility
- Emergency Declaration document is prepared and signed by the General Manager, Environmental Services
- After review, the Emergency Declaration is authorized by the Regional Administrator, who has delegated authority pursuant to the Council's Procurement Policy.
- Contractor is selected and work begins under the direction of a Council Authorized Representative
- Emergency Declaration is ratified by Metropolitan Council, if the cost to correct the emergency exceeds \$100,000
- Emergency Declaration for Brooklyn Park sinkhole and Interceptor 7015 A&B repair was approved in May 2022

# Location Map



# Repair Status

- Temporary conveyance system was installed.
- The 20' x 20' slide rail was installed, and a 40-foot-deep excavation to the pipe was completed.
- 2 holes were found in the pipe - one on upstream side and one on downstream side.
  - First hole: 1' upstream of MH 27 and 3' x 3' in size
  - Second hole: 1.5' downstream of MH 27 and 4' x 3' in size
- 34 tons of debris have been removed. An estimated 20 tons remain in the pipe.
- Replaced pipe around the manhole within the slide rail system and a new structure for MH 27 was installed.
- Removed the slide rail system, and the area has been backfilled.
- The replaced pipe will be CIPP lined as originally planned with the construction project.
- The flow was returned to the pipe and pumps removed. Temporary conveyance system will stay on site (for emergency use if required) until the Project temporary conveyance pipe is installed and the pipe is CIPP lined.
- Monitors are installed in the manhole at the site and will be monitored daily to track any flow changes until the pipe is lined.

# Photos



# Photos



# Project Estimate

- Work completed to date: ~\$1,000,000
- Temporary conveyance pipe that will stay in place until the pipe is lined: \$300,000
- CIPP liner: \$300,000
- Engineering and Construction Support: \$150,000
- Total estimated cost to complete: \$1,750,000



# Proposed Action

That the Metropolitan Council ratify the updates for the Emergency repairs of the sinkhole and Interceptor 7015 A&B in Brooklyn Park.



# Questions

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