

# Business Item 2019-278: Brooklyn Park and Champlin Interceptor Renewal Phase 1, Part 2

Tim Wedin, Assistant Manager, Interceptor Engineering, Technical Services  
Adam Gordon, Manager, Interceptor Engineering, Technical Services

Metropolitan Council: October 23, 2019



# Project Drivers

- Extensive corrosion damage to interceptor
- Reduce risks posed by direct connections to MCES Interceptor
- Reduce odors
- Improve system reliability

# Project Area



# Project Summary

- Replace 60-inch pipe with 72-inch along Mississippi Lane.
- Cured in Place Pipe (CIPP) lining of 60-inch and 66-inch pipe on River View Lane.
- Replace all manholes.
- Construct local sanitary sewer and larger City lift station to accommodate local wastewater flow. The City will take ownership of the local system at the end of construction.
- Remove direct local connections to interceptor and connect to new local sewer pipe.



# Construction Methods



Riverview Lane  
(CIPP Lining)



Mississippi Lane  
(Pipe Replacement)



Replace Manhole Structures

# Trail and Park Impacts



## West River Road Trail

- Temporary conveyance pipe set up on the West River Road Trail
- Trail closed between winter 2019-2020 to mid summer 2021 (approximately 18 months)



## Jewel Park – (89<sup>th</sup> Ave and West River Road)

- Project Pumping Station and equipment staged at Jewel Park
- Playground, park building, and parking lot remain open to public

# Communications Activities & Plan

- Design Phase: April 2018 – September 2019
  - Presentations to neighborhood groups, Three Rivers Park District, and City Council
  - City Council work session to discuss trail closure
  - National Night Out presentation
- Pre-Construction: October 2019 – January 2020
  - Mailing to bike and pedestrian advocacy groups, and residents
  - Full Metropolitan Council update on project – October 2019
  - Public open house in December
  - Open house and outreach specifically to bike and pedestrian advocacy groups

# Communications Activities & Plan

- Construction: January 2020 to November 2021
  - Ongoing, regular communications to residents and trail users about impacts
  - Signs at Jewell Park and along West River Road Trail
  - Residential parking permits
  - Neighborhood meetings



# Other Potential Impacts/Mitigation

- Odor – Requirements in contract documents for temporary odor control
- Appearance – Construction methods and site restoration
- Access – Contractor required to maintain residential access during construction
- Noise & Dust – Work with Contractor and City of Brooklyn Park to minimize
- Haul Routes – Contractor will coordinate with the City of Brooklyn Park
- Storm Water Run-Off – Best management practices, West Mississippi Watershed Management Organization erosion control conditions, MPCA construction storm water permit

# Project Construction Schedule

TASKS	CONTRACT DATES
Bid Phase Activities	July 2019 – August 2019
Contractor Bid Award	October 2019
Contractor Notice to Proceed	November 2019
Construction Start	January 2020
Construction Completion	November 2021

# Bid Summary

- Engineer's Estimate \$22,072,000.00
- Three bids received ranged from \$19,892,251.85 to \$22,957,308.70
- Disadvantaged Business Participation Goals
  - Minority Business Enterprise 8%
  - Women Business Enterprise 8%
- S.M. Hentges & Sons Inc.
  - Low responsive, responsible bid \$19,892,251.85
  - Met good faith effort toward disadvantaged business participation goals

# Proposed Action

That the Metropolitan Council authorize its Regional Administrator to award and execute a construction contract for Brooklyn Park and Champlin Interceptor Renewal, Phase 1, Part 2, MCES Project No. 809311, 809315 and 809089, Contract No. 19P143, with S.M. Hentges & Sons Inc. for their low responsive, responsible bid of \$19,892,251.85.

# Questions

**Tim Wedin, Assistant Manager,  
Interceptor Engineering, Technical Services**

651-602-4571

[Timothy.Wedin@metc.state.mn.us](mailto:Timothy.Wedin@metc.state.mn.us)

**Project Hotline and Email**

763-392-3407

[info@BrooklynParkChamplinSewerRehabilitation.com](mailto:info@BrooklynParkChamplinSewerRehabilitation.com)

**Project Website**

[www.metrocouncil.org/sewerconstruction/BrooklynPark2021](http://www.metrocouncil.org/sewerconstruction/BrooklynPark2021)