



Engineering Department

DATE: May 28, 2024

FROM: Gabe Schell, City Engineer

ITEM: Sewer Improvement District SE 582

REQUEST:

Resolution approving the engineers' report, approving the plans and specifications, and directing the advertisement of bids and receiving bids.

BACKGROUND INFORMATION:

Sewer Improvement District SE 582 consists of one unit of new storm sewer and related work in Paradise Valley and Paradise Valley 2nd Additions. Sewer Improvement District SE 582 was previously bid with WPSP 392, where bids came in significantly higher than the engineer's estimate. On March 11, 2024, staff requested, with concurrence of the developer, that the commission reject the bids so that staff and the developer could revise the project plan along with project scope and timeline.

As part of the revised plan, it was decided WPSP 392 and SE 582 would be bid separately; WPSP 392 would be built using the city's 3-way contract process and SE 582 would be publicly bid and assessed as previously planned. Changes have also been made to the project timelines and project scope.

A revised engineer's report is attached for SE 582.

Project Schedule

Receipt and Opening of Bids	June 10, 2024
Award of Bid	June 11, 2024
Project Completion	Spring 2025

RECOMMENDED CITY COMMISSION ACTION:

Approve the request for resolution approving the engineers' report, approving the plans and specifications and directing the advertisement of bids and receiving bids.

STAFF CONTACT INFORMATION:

Gabe Schell, City Engineer, 701-355-1507, gschell@bismarcknd.gov

ATTACHMENTS:

1. SE 582 Revised Engineering Report

ENGINEER'S REPORT
Sewer Improvement District Number Five Hundred Eighty-Two (582)

General Nature, Purpose and Benefit

Sewer Improvement District SE 582 consists of one unit of new storm sewer and related work. Unit 1 includes approximately 7,900 LF of new storm sewer ranging in size from 12" to 60", 700 LF of 14" stormwater forcemain, a stormwater lift station, and related appurtenances in Paradise Valley Addition and Paradise Valley Second Addition.

The storm sewer will be installed to manage storm water runoff within this district and will facilitate the extension of the City's roadway network as requested by the majority landowner for the continued growth of the City of Bismarck

The boundary of the district was drawn to include the parcels which receive a benefit from the improvements of this district as per the current special assessment policy approved by the City Commission. SE 582 covers work to be installed as part of the initial phase of development. Subsequent phases of development occurring within the boundary of SE 582 will be assessed to the benefitting properties within this boundary as all properties benefit from the master planned storm water system. Please see attached maps.

Cost Feasibility

Schedule A - Project Costs included as set out in Section 40-22-01 of the NDCC and as advertised under section 40-22-19 of the NDCC.

New Storm Sewer And Lift Station	\$	4,010,000.00
New Lift Station Electrical Only	\$	115,000.00
Subtotal	\$	4,125,000.00
10% Contingency	\$	412,500.00
Total Schedule A Cost	\$	4,537,500.00

Schedule B - Other Project Costs not otherwise included above.

Engineering Fees	\$	226,875.00
Administration Fees	\$	226,875.00
Interest During Construction	\$	136,125.00
Advertising and Legal	\$	90,750.00
Total Schedule B Cost	\$	680,625.00

Project Cost Summary

Schedule A Costs	\$	4,537,500.00
Schedule B Costs	\$	680,625.00
Total Estimated Improvement Cost	\$	5,218,125.00

Funding Summary

Special Assessments	\$	5,218,125.00
Total Funding	\$	5,218,125.00

This work was prepared by me or under my direct supervision. We believe this project to be cost effective and reflects our best information at this time.




Linda J, Oster, P.E.
Assistant City Engineer