



Engineering Department

DATE: May 17, 2022
FROM: Gabe Schell, City Engineer
ITEM: Street Improvement District SI 565
Sewer Improvement District SE 581

REQUEST:

Request for Resolution Approving the Revised Engineer's Report.

Request for Resolution Approving Revised Plans and Specifications

Request for Resolution Directing the Advertisement of Bids and Receive Bids.

Please place this item on the May 24, 2022 City Commission meeting agenda.

BACKGROUND INFORMATION:

Street Improvement District No. 565 consists of one unit of new asphalt pavement, curb and gutter, ADA ramps, sidewalk and related work. Unit 1 included approximately 2,845 LF of new roadway in Clear Sky Addition. Sewer Improvement District No. 581 consists of two units of new storm sewer and related work for a total of approximately 840 LF of new storm sewer in Clear Sky Addition. The sewer improvement district and street improvement districts will be bid together.

SI 565 and SE 581 were previously bid on May 9, 2022 under the same project. The bid for SI 565 was 15.4 % over the Engineer's Estimate and the bid for SE 581 was 237% over the Engineer's Estimate. Under provisions of NDCC 40-22-29, the Commission rejected the bids at the May 10, 2022 Commission meeting. The increase in costs is attributed several things: a required change in the design of the storm sewer facilities, changes in costs of materials and labor for both districts.

A revised engineer report for both districts along with the district boundary maps for both districts are attached and will be posted to the city website under Special Assessment District Information at www.bismarcknd.gov/Streets upon approval.

Bids will be received on June 14, 2022. The bid summary and project budget will be distributed prior to the commission meeting.

Unit 1 (Paving – 100% Petitioned)

Holmes Drive – 160’ west of Koenig Drive to 160’ east of Koenig Drive
Fettig Drive - 160’ west of Koenig Drive to 160’ east of Koenig Drive
Koenig Drive – Holmes Drive to 100’ south of Fettig Drive
Smette Bend – 100’ east of Hermanson Drive to 150’ south of Holmes Drive
Holmes Drive – 550’ east of Hermanson Drive to Smette Bend

Project Schedule

Receipt and Opening of Bids	June 14, 2022
Award of Bid	June 14, 2022
Project Completion	August 2023

RECOMMENDED CITY COMMISSION ACTION:

Approval of Resolution Approving the Revised Engineer’s Report.
Approval of Resolution Approving Revised Plans and Specifications
Approval of Resolution Directing the Advertisement of Bids and Receive Bids.

STAFF CONTACT INFORMATION:

Gabe Schell, PE | City Engineer, 355-1505 or gschell@bismarcknd.gov

REVISED ENGINEER'S REPORT
Street Improvement District Five Hundred Sixty-Five (565)

General Nature, Purpose and Benefit

Street Improvement District No. 565 consisted of one unit of new asphalt pavement, curb and gutter, ADA ramps, sidewalk and related work. Unit 1 included approximately 2,845 LF of new roadway in Clear Sky Addition.

The streets within this district will extend the City's road network as requested by the majority landowner for the continued growth of the City of Bismarck. A storm sewer district (SE 581) will be created to install storm sewer to manage stormwater runoff. Both districts will be bid together and included under the same contract.

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. 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 Roadway Paving Costs	\$	710,000.00
Subtotal	\$	710,000.00
10% Contingency	\$	71,000.00
Total Schedule A Costs	\$	781,000.00

Schedule B - Other Project Costs not otherwise included above.

Sign Costs	\$	600.00
Engineering Fees	\$	78,100.00
Administration Fees	\$	39,050.00
Interest During Construction Fees	\$	23,430.00
Advertising and Legal Fees	\$	15,620.00
Total Schedule B Costs	\$	156,800.00

Project Cost Summary

Schedule A Costs	\$	781,000.00
Schedule B Costs	\$	156,800.00
Total Estimated Improvement Costs	\$	937,800.00

Funding Summary

Estimated Special Assessments	\$	937,800.00
Total Funding	\$	937,800.00

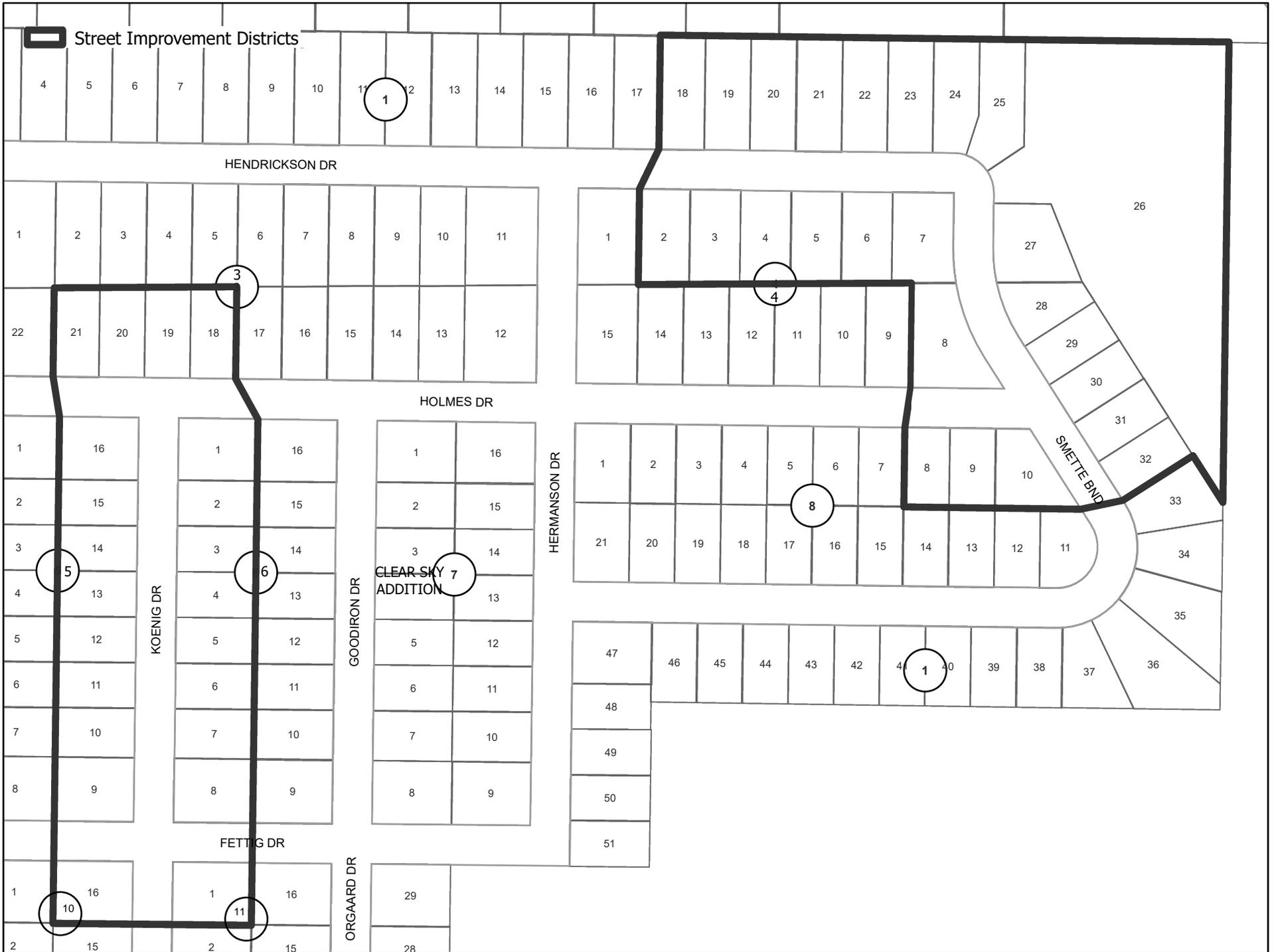
This work was prepared by me or under my direct supervision. We believe this project to be cost effective.




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

SI 565 - Unit 1

 Street Improvement Districts



REVISED ENGINEER'S REPORT
Sewer Improvement District Five Hundred Eighty-One (581)

General Nature, Purpose and Benefit

Sewer Improvement District No. 581 consists of two unit of new storm sewer and related work for a total of approximately 840 LF of new storm sewer in Clear Sky Addition.

This sewer improvement district will be constructed prior to constructing streets under street improvement district SI 565. Both SE 581 and SI 565 will extend the road 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. 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.

Storm Water Improvement Costs	\$	651,000.00
Subtotal	\$	651,000.00
10% Contingency	\$	65,100.00
Total Schedule A Costs	\$	716,100.00

Schedule B - Other Project Costs not otherwise included above.

Engineering Fees	\$	71,610.00
Administration Fees	\$	35,805.00
Interest During Construction Fees	\$	21,483.00
Advertising and Legal Fees	\$	14,322.00
Total Schedule B Costs	\$	143,220.00

Project Cost Summary

Schedule A Costs	\$	716,100.00
Schedule B Costs	\$	143,220.00
Total Estimated Improvement Costs	\$	859,320.00

Funding Summary

Estimated Special Assessments	\$	859,320.00
Total Funding	\$	859,320.00

This work was prepared by me or under my direct supervision. We believe this project to be cost effective.




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

SE 581 - Unit 1

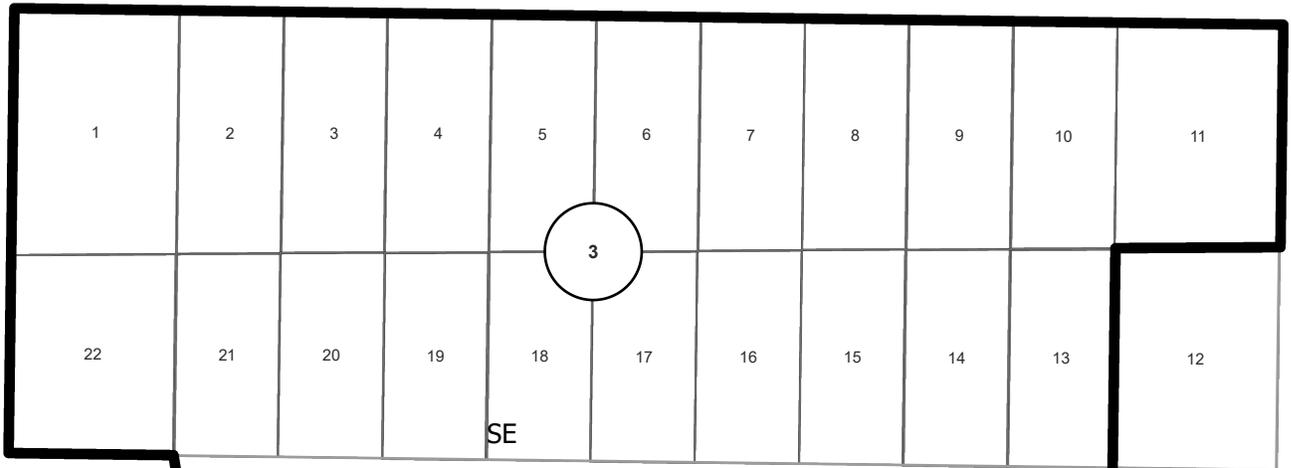
 Sewer District Edit



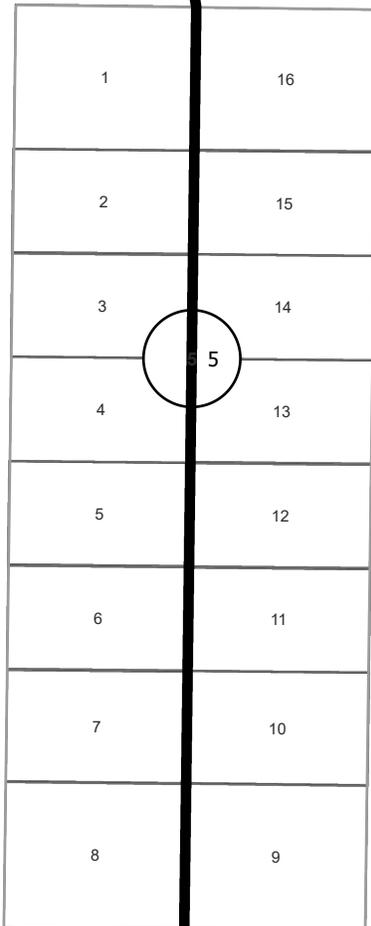
SE 581- Unit 2

 Sewer District Edit

HENDRICKSON DR

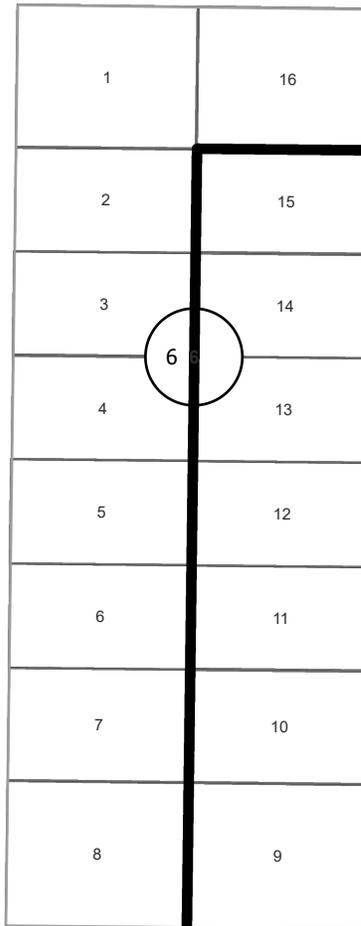


HOLMES DR

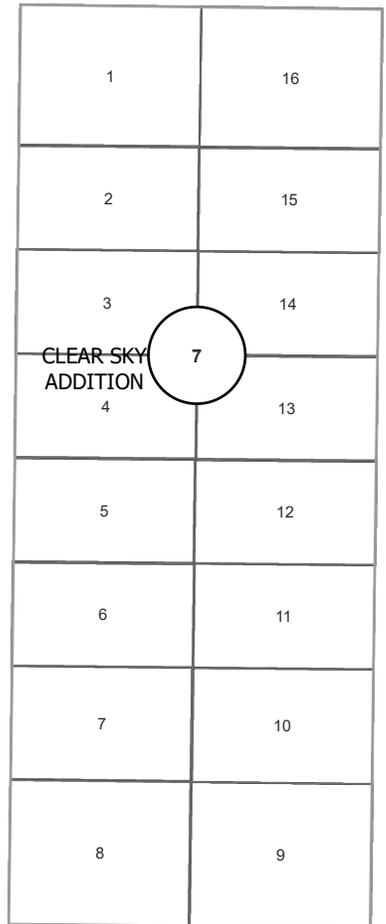


MEHRER DR

KOENIG DR

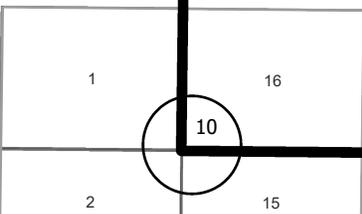


GOODIRON DR

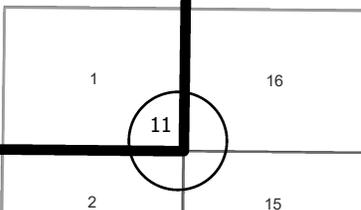


HERMANSON DR

FETTING DR



ORGAARD DR



ORGAARD DR

