



City of Grand Forks  
Staff Report

Committee of the Whole – March 9, 2026  
City Council – March 16, 2026

**APPROVED & ACCEPTED**  
*by City Council*

03/16/2026

*Maureen Storstad*  
Maureen Storstad  
City Auditor

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**Agenda Item:** Plans and Specifications for City Project No. 9058, Box Culvert 18-37-20.0 Structural Rehabilitation (17<sup>th</sup> Ave S & English Coulee Diversion)

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**Submitted by:** Engineering Department, Anthony Ryan, PE (Civil Engineer, Senior)  
Christian Danielson, PE (Assistant City Engineer)

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**Staff Recommended Action:** **Approve Plans and Specifications and direct Engineering Department to advertise for construction bids for City Project No 9058, Box Culvert 18-37-20.0 Structural Rehabilitation (17<sup>th</sup> Ave S and English Coulee Diversion).**

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**Committee Recommended Action:**

Motion by Berg, second by Vein to refer to City Council with a recommendation to approve the staff recommendation. Motion passed unanimously.

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**Council Action:** Motion by Berg, second by Fridolfs to approve on consent agenda. Motion carried unanimously.

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**BACKGROUND:**

In Summer 2025, United States Army Corps staff and City staff conducted the levee inspection for the City's flood Protection system. During the inspection, Corps and City staff observed that the apron on the North end of the box culvert at the intersection of 17<sup>th</sup> Ave S and the English Coulee Diversion was heaved significantly, restricting flow, and pushing water to one side of the apron and ditch. While Corps staff marked this as a minimally acceptable condition for the box culvert, it was recommended to be fixed prior to the next Corps inspection in 2030.

Subsequently, in Fall 2025, City Engineering hired Houston Engineering from the City's list of pre-qualified consultants to develop a rehabilitation plan for the box culvert. Houston Engineering has a structural Engineering team that City staff has utilized on similar Projects. This plan consists of removing the existing apron and replacing it with a more robust apron that will resist further heaving. The Project will also replace the riprap immediately downstream of the channel to reshape the flow path for the water, remove sediment hinderances, and tie into the new box culvert apron. Other minor structural repairs such as crack sealing and spall repairs will be performed as well.

As a reminder, the City is required to upkeep the flood protection system to maintain eligibility for PL84-99 assistance. City staff, like other flood protection projects, recommends taking a proactive approach on this rehabilitation and implementing a fix as soon as feasible.

This Project is estimated to cost \$403,593 and will be funded from Flood Protection Capital maintenance (Fund 4154) where \$475,000 has been budgeted.

### **ANALYSIS AND FINDINGS OF FACT:**

- The work of this Project will consist of structural rehabilitation of the Box culvert at 17<sup>th</sup> Ave S and English Coulee Diversion.
- This Project will be funded by the Flood Protection Capital Maintenance Fund.
- The total construction cost is estimated to be \$403,593.
- This Project is scheduled to be bid on April 9, 2026.
- Approval of the Bids is currently scheduled for April 13, 2026 Committee of the Whole and April 20, 2026 Council.
- Construction is anticipated to take place during the 2026 construction season.
- A project timetable with milestone dates is attached with this staff report.

### **SUPPORT MATERIALS:**

- Project Location (1 page).
- Project Timetable (1 page).
- Page 306 of the 2026 City Budget.

# PROJECT LOCATION MAP

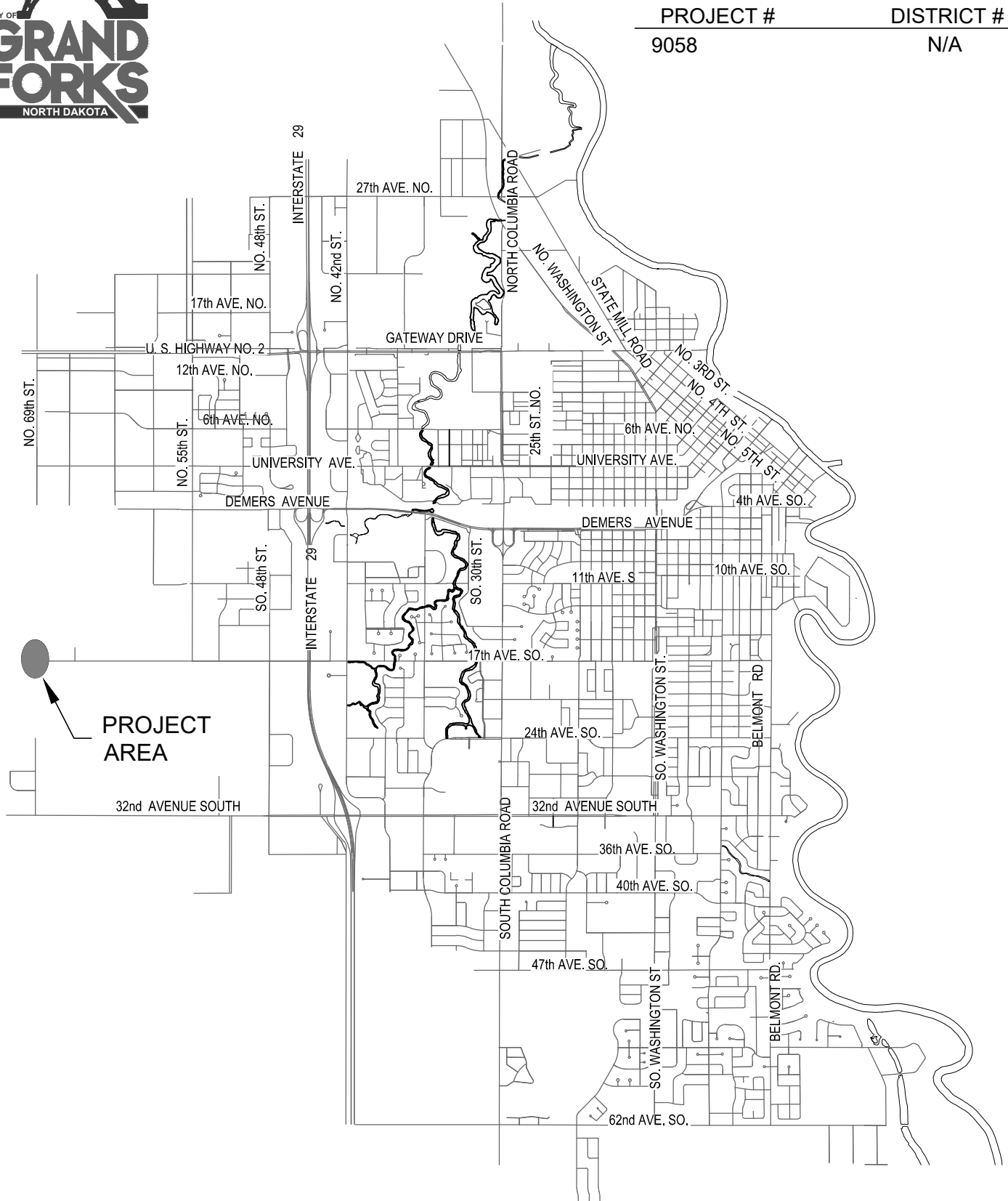
## GRAND FORKS, NORTH DAKOTA

18-37-20.0 STRUCTURAL REHAB  
 ENGLISH COULEE DIVERSION & 17TH AVE S



PROJECT #  
 9058

DISTRICT #  
 N/A



**PROJECT AREA**

## TIMETABLE FOR CITY FUNDED PROJECTS

Project Name 9058; 18-37-20.0 Structural Rehab.

Project Number 9058

- Water
- Sewer
- Water & Sewer
- Sidewalk
- Other

This timetable prepared by ajr

Revised by \_\_\_\_\_

Date 2/27/2026

Date \_\_\_\_\_

Action

Date of Action

Action	Date of Action			Approved
	Other	Committee	Council	
Approval of plans & specs/set bid date		3/9/26	3/16/26	We are Here
**Advertisement for bids prepared.	3/12/26			
*Advertisement for bids published.	3/18/26			
***Bids received, opened & tabulated.	4/9/26			
Recommend award of contract.		4/13/26		
Award Contract.			4/20/26	

\*Responsibility of Finance & Administrative Services Office

\*\*Responsibility of Engineering Department.

\*\*\*Responsibility of Finance & Administrative Service Office & Engineering Department.



# Flood Protection Capital Mtce

G/L Account	Account Description	2023 Amended Budget	2023 Actual Amount	2024 Amended Budget	2024 Actual Amount	2025 Adopted Budget	2026 Adopted Budget
Fund 4154 - Flood Protection Capital Mtce							
EXPENSE							
Department 100 - Expenditures							
Contractual Services							
4154.100 430.0090	Advertising	4,636.00	4,635.52	.00	1,203.70	.00	.00
4154.100 430.0150	Consultants	3,500.00	3,500.00	.00	.00	.00	.00
<i>Contractual Services Totals</i>		\$8,136.00	\$8,135.52	\$0.00	\$1,203.70	\$0.00	\$0.00
Other Operating Expenses							
4154.100 460.0040	Postage	.00	.00	.00	4.14	.00	.00
<i>Other Operating Expenses Totals</i>		\$0.00	\$0.00	\$0.00	\$4.14	\$0.00	\$0.00
Operating Transfers Out							
4154.100 900.0010	Operating Transfers Out	18,537.00	18,536.75	.00	.00	.00	.00
<i>Operating Transfers Out Totals</i>		\$18,537.00	\$18,536.75	\$0.00	\$0.00	\$0.00	\$0.00
Capital Outlay							
4154.100 650.0010	Work In Progress	1,074,557.00	1,159,158.43	3,173,264.00	1,514,224.40	3,770,000.00	5,085,000.00

Budget Transactions

Level	Transaction	Number of Units	Cost Per Unit	Total Amount
Council Adopted	English Coulee Diversion Maintenance	1.0000	475,000.00	475,000.00
Council Adopted	English Coulee Flooding Improvements	1.0000	100,000.00	100,000.00
Council Adopted	Flood Station Rehab	1.0000	500,000.00	500,000.00
Council Adopted	Floodwall Restrain/Recaulk/Spall Repair	1.0000	500,000.00	500,000.00
Council Adopted	Greenway Downtown Project	1.0000	1,700,000.00	1,700,000.00
Council Adopted	Greenway Trail Overlay	1.0000	110,000.00	110,000.00
Council Adopted	Outfall Pipe Rehab/Riprap	1.0000	300,000.00	300,000.00
Council Adopted	Red River Riprap Replacement	1.0000	500,000.00	500,000.00
Council Adopted	South End Drainage Improvements (East)	1.0000	600,000.00	600,000.00
Council Adopted	Stormwater Pond Cleaning/Mtce	1.0000	300,000.00	300,000.00
Council Adopted Totals				\$5,085,000.00