



City of Grand Forks
Staff Report (*UPDATED MARCH 31, 2021*)
Committee of the Whole – March 22, 2021
City Council – April 5, 2021

04/05/2021

APPROVED & ACCEPTED
by City Council

Maureen Storstad
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City Auditor

Agenda Item: Bids for City Project No. 8059 – Reconstruct N Columbia Rd. (Overpass to North of University Ave.)

Submitted by: Engineering Department, David Kuharenko, PE (Assistant City Engineer)
Christian Danielson, (Civil Engineer)

Staff Recommended Action: Award contract to KPH, in the amount of \$5,395,449.58 for City Project No. 8059 – Reconstruct N Columbia Rd. (Overpass to North of University Ave.) contingent upon concurrence by the NDDOT

Committee Recommended Action:

Motion by Weigel, second by Sande, to refer to City Council with a recommendation to approve. Motion carried unanimously.

Council Action:

03/29/2021: Motion by Vein, second by Kvamme, to forward to City Council with recommendation to approve, subject to NDDOT concurrence on approval of second lowest bidder, KPH. Motion carried unanimously.

04/05/2021: Motion by Kvamme, second by Sande to approve award to KPH. Motion carried unanimously.

BACKGROUND:

Bids for this project were received on March 12, 2021 at the North Dakota Department of Transportation (NDDOT) in Bismarck. The NDDOT tabulated the bid results, determined a low bidder, reviewed and analyzed various data from the low bidder. The NDDOT determined that the apparent low bidder, Ti-Zack Concrete, did not meet the Disadvantage Business Enterprise (DBE) goals or good faith efforts set forth by the NDDOT, and therefore rejected the bid. The second lowest bid was provided by KPH. The NDDOT has reviewed and analyzed this bid and determined that they have met all of the contract requirements. It is anticipated that the NDDOT will concur in awarding the project KPH.

This project includes reconstructing N Columbia Rd. from the overpass to just north of University Ave. utilizing federal funding through the NDDOT during the 2021 construction season. The reconstruction project includes a new pavement section, sidewalks/bikepaths, traffic signals, street lights, upgrading the pedestrian underpass, replacing a section of sanitary sewer forcemain, and other miscellaneous work. The City's share of this project is estimated to be \$2,407,871.

The existing concrete roadway was constructed in approximately 1983 and has reached the point in which it should be reconstructed. The existing street pavement is in very poor condition with a low ride quality due to numerous concrete panels that are cracked, broken, or shattered. There is also an abrupt misalignment in the north leg of the intersection of N Columbia Road and University Avenue. The sidewalks and bike trails are in poor condition and not all of the existing handicap curb ramps meet current Americans with Disabilities Act (ADA) requirements. The pedestrian underpass near 2nd Avenue N is in need of rehabilitation with deficiencies in the electrical, ventilation, structural, hand railings, moisture/seepage control, above ground entrance enclosures, etc. Although the pedestrian underpass would not be warranted based on current standards, it was installed in 1983 as a condition of UND providing the land needed to construct the railroad overpass and the adjoining section of Columbia Road. Because it exists and is frequently used, it was decided to rehabilitate it rather than remove it.

This project has been considered at a number of previous Council/Committee/Public meetings, some of which are as follows:

- This project has been programmed and included on the NDDOT's listing for projects eligible for Federal Highway Urban Funding
- December 5, 2016 - Council approved a Federal Transportation Request which included this project however, funding was not awarded.
- February 5, 2018 – Council again approved a Federal Transportation Request which included this project and funding was thereafter awarded.
- November 18, 2019 – Council approved an Agreement with KLJ for Preliminary Engineering Services in the amount of \$266,409 and any necessary budget amendments.
- June 18, 2020 – A Virtual Public Input Meeting was held. Due to the need to social distance, a prerecorded video describing the project and how to provide input or ask questions about the project was hosted on the City of Grand Forks website. The availability and access to the video was advertised in multiple media releases and advertisements as well as the NDDOT website and the City of Grand Forks website. As of this date, no public input specific to the project have been received although UND has asked that the pedestrian underpass be upgraded and streetlights similar to those used on newly constructed University Avenue be used.
- July 6, 2020 – Council approved a Documented CATEX, concur with the project concepts as proposed, and select Alternative B – Reconstruct Roadway.
- July 20, 2020 – Council approved Amendment No. 1 for Final Design Engineering Services in the amount of \$274,337.
- December 21, 2020 – Council approved Plans & Specifications and 100% City funding to add southbound right turn lanes at University Ave. and at 2nd Ave. for the project.
- March 1, 2021 – Council approved the Cost, Participation, Construction and Maintenance Agreement with the NDDOT.

ANALYSIS AND FINDINGS OF FACT:

- Bids were received on March 12, 2021.
- A total of 3 bids were received and all 3 bids were opened.
- The bids ranged from \$4,982,311.82 to \$5,469,932.84.
- The lowest bid received was from Ti-Zack Concrete in the amount of \$4,982,311.82.
- The lowest bid was rejected due to not meeting DBE requirements and good faith efforts.
- The second lowest bid was from KPH in the amount of \$5,395,449.58
- The Engineer's Estimate for this project is \$4,441,948.08.
- The lowest bid was approximately 22% above the Engineer's Estimate.

- The proposed project funding split for eligible expenses is 80.93% Federal, 19.07% City.
- The maximum amount of federal funding available for the project is currently capped at \$4.376m.
- Actual funding for the total project will be from a combination of approximately 63% federal funds and 37% local funds.

The current estimated total project costs are as follows:

	<u>Total Cost</u>	<u>Federal</u>	<u>Local</u>	<u>Budget Year</u>
Design Engineering (C)	\$540,746	\$0	\$540,746	2020
Eligible Construction (B)	\$4,503,462	\$3,644,652	\$858,810	2021
Force Main Cost; Non-Eligible (B)	\$634,941	\$0	\$634,941	2021
Other Non-Eligible Costs (B)	\$257,047	\$0	\$257,047	2021
Construction Engineering (E)	\$610,000	\$493,673	\$116,327	2021
Total Project Costs	\$6,546,196	\$4,138,325	\$2,407,871	
(C) Contract				
(B) Bid				
(E) Estimate				

- Funding for the local share (excluding the forcemain work) will be funded from the Street/Infrastructure Fund 4815 where \$2,000,000 is budgeted for 2021. The cost breakdown is as follows:

\$1,772,930	Total Estimated Local Share
<u>\$ 540,746</u>	Less 2020 & prior approximate budget expenditures
\$1,232,184	2021 expenditures

- The force main work is expected to cost \$634,941 and will be funded from the Wastewater - Forcemain Fund 5200 where \$1,100,000 is budgeted. The cost breakdown is as follows:
- Construction engineering will be addressed with a separate Agreement.
- Construction is expected to take place during the 2021 construction season.

SUPPORT MATERIALS:

- Abstract of Bids received (1 page)
- Project location map (1 page)
- Page 290 of the 2021 City Budget indicating funding source for the paving work in this project (1 page)
- Page 339 of the 2021 City Budget indicating funding source for the force main work in this project (1 page)

Apparent Bids for Letting of Mar 12, 2021

Letting ID: 21031201

Cut-off Time: 9:30:00 AM CST

Proposal: 010--20210312010

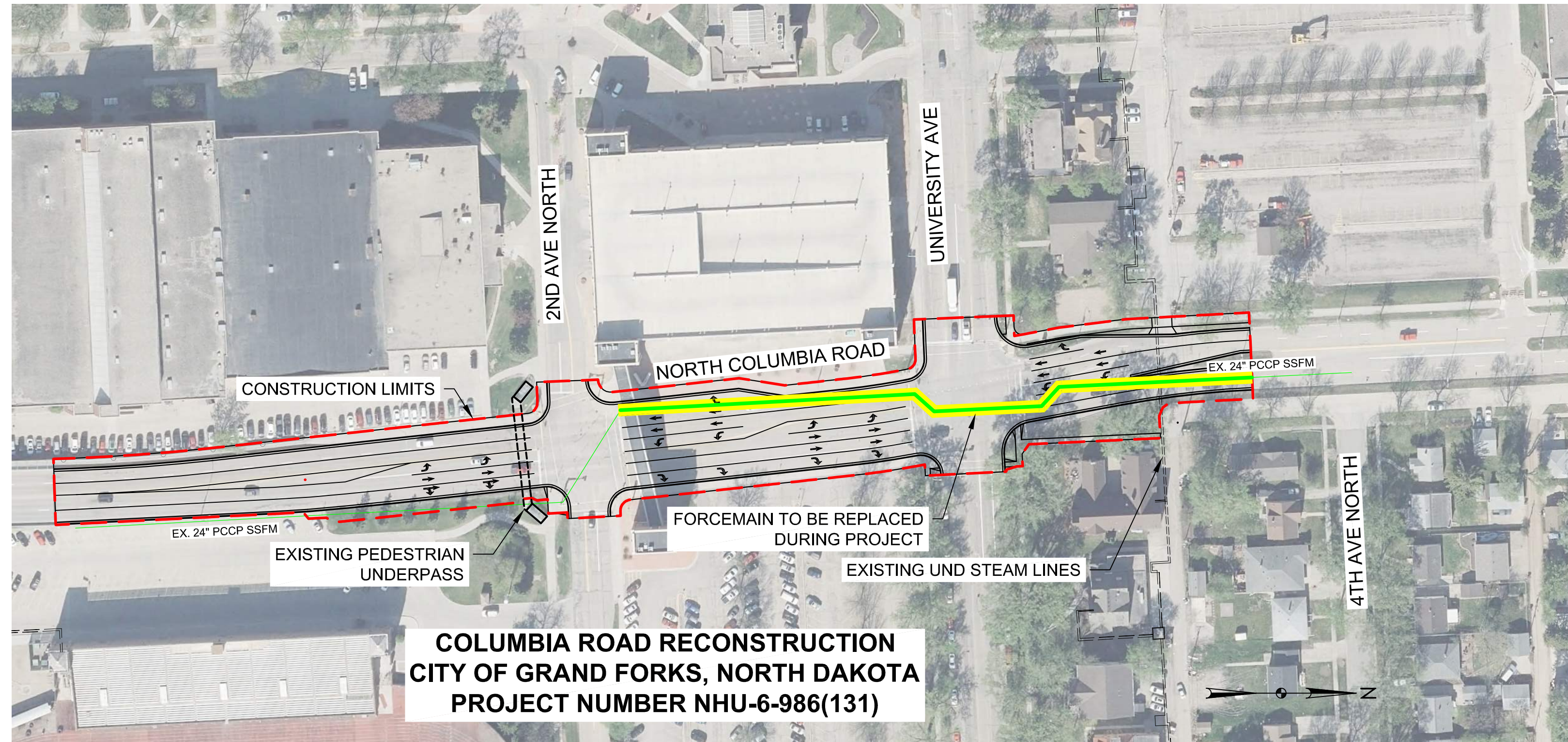
Counties: GRAND FORKS

GRADING; AGGREGATE BASE; PCC PAVEMENT; STRUCTURE IMPROVEMENTS; STORM SEWER; SANITARY SEWER FORCEMAIN; SIDEWALK; SIGNING; PAVEMENT MARKING; TRAFFIC SIGNALS; LIGHTING; CITY UTILITIES

Bidder Name	Bid Amount	Comment	DBE	Alt or Opt	Bid Limitation	Total Discount
ENGINEERS ESTIMATE	\$4,441,948.08		6.00%			
TI-ZACK CONCRETE INC	\$4,982,311.82		1.52%			
KPH INC	\$5,395,449.58		6.09%			
STRATA CORPORATION	\$5,469,932.84		6.01%			

REJECTED BY NDDOT

(4 apparent bids)



CONSTRUCTION LIMITS

2ND AVE NORTH

UNIVERSITY AVE

NORTH COLUMBIA ROAD

EX. 24" PCCP SSFM

EX. 24" PCCP SSFM

EXISTING PEDESTRIAN UNDERPASS

FORCEMAIN TO BE REPLACED DURING PROJECT

EXISTING UND STEAM LINES

4TH AVE NORTH

**COLUMBIA ROAD RECONSTRUCTION
CITY OF GRAND FORKS, NORTH DAKOTA
PROJECT NUMBER NHU-6-986(131)**





Street & Infrastructure Fund

G/L Account	Account Description	2018 Amended Budget	2018 Actual Amount	2019 Amended Budget	2019 Actual Amount	2020 Adopted Budget	2021 Adopted Budget
<i>Capital Outlay</i>							
4815.100 650.0010	Work In Progress	7,397,059.00	2,876,328.71	12,937,678.00	4,939,989.83	12,935,559.00	12,222,000.00
Budget Transactions							
	<i>Level</i>	<i>Transaction</i>			<i>Number of Units</i>	<i>Cost Per Unit</i>	<i>Total Amount</i>
	Adopted Budget	Minor Intersection Improvement			1.0000	80,000.00	80,000.00
	Adopted Budget	Transportation Studies			1.0000	80,000.00	80,000.00
	Adopted Budget	Pavement Management			1.0000	10,000.00	10,000.00
	Adopted Budget	Bikepath Maintenance			1.0000	50,000.00	50,000.00
	Adopted Budget	Bikepath Development (New)			1.0000	250,000.00	250,000.00
	Adopted Budget	Traffic Signal - S Washington & 36th Ave S)			1.0000	750,000.00	750,000.00
	Adopted Budget	Cherry Street (60th to 62nd Ave S.)			1.0000	616,000.00	616,000.00
	Adopted Budget	N. 3rd St. (Demers Ave. to University Ave.)			1.0000	1,511,000.00	1,511,000.00
	Adopted Budget	N. Columbia Rd Reconstruct (Overpass to 4th)			1.0000	2,000,000.00	2,000,000.00
	Adopted Budget	Traffic Signal & School Beacon Interconnect			1.0000	100,000.00	100,000.00
	Adopted Budget	Demers Streetscape			1.0000	500,000.00	500,000.00
	Adopted Budget	S 20th St. (62nd Ave S to 66th Ave S)			1.0000	672,000.00	672,000.00
	Adopted Budget	School Flashing Beacons			1.0000	70,000.00	70,000.00
	Adopted Budget	44th Ave South (S 17th St to Tamarack Drive)			1.0000	250,000.00	250,000.00
	Adopted Budget	N 4th St. (Demers Ave to 1st Ave N)			1.0000	300,000.00	300,000.00
	Adopted Budget	Environmental Assessment for 32nd Ave S & 47th Ave S)			1.0000	1,500,000.00	1,500,000.00
	Adopted Budget	I-29 RR Bridge North of Gateway - Painting			1.0000	50,000.00	50,000.00
	Adopted Budget	Gateway Dr (55th to 69th) Chip Seal			1.0000	50,000.00	50,000.00
	Adopted Budget	Traffic Signal Mtce			1.0000	160,000.00	160,000.00
	Adopted Budget	Minor Street Repair			1.0000	184,000.00	184,000.00
	Adopted Budget	Street Mtce Program (3% Increase per Year)			1.0000	1,830,000.00	1,830,000.00
	Adopted Budget	Intelligent Transportation System			1.0000	85,000.00	85,000.00
	Adopted Budget	Diamond Grade Reflectivity of Signs			1.0000	20,000.00	20,000.00
	Adopted Budget	Maintenance of Street Lights			1.0000	100,000.00	100,000.00
	Adopted Budget	Gateway Dr. I-29 Interchange Slide Repair			1.0000	100,000.00	100,000.00
	Adopted Budget	Traffic Signal (47th Ave S & S 20th St)			1.0000	400,000.00	400,000.00
	Adopted Budget	27th Ave N (N. 42nd Street to N. 44th Street)			1.0000	504,000.00	504,000.00
Adopted Budget Totals							\$12,222,000.00



Wastewater - Forcemain

G/L Account	Account Description	2018 Amended Budget	2018 Actual Amount	2019 Amended Budget	2019 Actual Amount	2020 Adopted Budget	2021 Adopted Budget
<i>Contractual Services</i>							
5200.100.5235 430.0150	Consultants	.00	.00	.00	2,582.50	.00	.00
<i>Contractual Services Totals</i>		\$0.00	\$0.00	\$0.00	\$2,582.50	\$0.00	\$0.00
<i>Maintenance Structures</i>							
5200.100.5235 440.0070	Mtce Sewer mains	1,640.00	.00	13,619.00	13,618.06	10,000.00	10,000.00
<i>Comments</i>							
<i>Level</i>		<i>Comment</i>					
Department Requested		Replacing some of our older Air Release Valves					
<i>Maintenance Structures Totals</i>		\$1,640.00	\$0.00	\$13,619.00	\$13,618.06	\$10,000.00	\$10,000.00
<i>Capital Outlay</i>							
5200.100.5235 650.0010	Work In Progress	130,339.00	417,908.30	2,070,087.00	1,372,392.54	600,000.00	1,100,000.00
<i>Budget Transactions</i>							
<i>Level</i>		<i>Transaction</i>		<i>Number of Units</i>		<i>Cost Per Unit</i>	<i>Total Amount</i>
Adopted Budget		Replace Trunk Forcemain near Columbia Rd.		1.0000		1,100,000.00	1,100,000.00
<i>Adopted Budget Totals</i>							\$1,100,000.00
5200.100.5235 700.0020	Installed Mech Systems	9,500.00	9,428.62	3,989.00	3,104.00	8,000.00	8,000.00
<i>Capital Outlay Totals</i>		\$139,839.00	\$427,336.92	\$2,074,076.00	\$1,375,496.54	\$608,000.00	\$1,108,000.00
Sub Department 5235 - Forcemain Totals		\$300,649.00	\$562,215.96	\$2,248,276.00	\$1,526,262.13	\$771,043.00	\$1,269,279.00