



City of Grand Forks Staff Report

APPROVED & ACCEPTED
by City Council

12/05/2016

Candice Stjern
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Acting City Auditor

Committee of the Whole – November 28, 2016
City Council – December 5, 2016

Agenda Item: Bids for City Project No. 7148, Demers Ave Shared Use Path (42nd St to 48th St)

Submitted by: Engineering Department, David J. Kuharenko, PE (Principal Civil Engineer)

Staff Recommended Action: Concur with the NDDOT to award the contract to low bidder, Interstate Improvement Inc. in the amount of \$409,015.37 for Project No. 7148, NDDOT Project No. TAU-6-297(010)000, and TAU-6-986(118)122, Demers Ave Shared Use Path (42nd St to 48th St) contingent upon bid validation by the NDDOT

Committee Recommended Action:

Refer to City Council with the recommendation to approve.

Council Action:

BACKGROUND:

The work of this project consists of constructing a concrete shared use path on the south side of Demers Ave from 42nd St to 48th St. There are currently no sidewalks or paths on either side of Demers Ave west of 42nd St. Pedestrians and bicyclists traveling in this section of roadway are either riding or walking on the grass berm or on the street. This traffic has left a noticeable worn trail in the grass on both sides of Demers from 42nd St to 48th St, documenting the need for a path at this location. This project is linked with the Demers Ave maintenance project, so if the projects are awarded, they are awarded to a single contractor. Since both projects are being constructed at the same time and are adjacent to each other, it made sense to link them.

Bids for the linked projects were received on November 18, 2016 at the NDDOT in Bismarck. Although the NDDOT has tabulated the bid results and determined low bidder, the NDDOT will need to review and analyze various data from the low bidder, in addition to receiving concurrence from the City of Grand Forks before they will award the bid. It is expected that they will be able to make their determination before the December 5th Council meeting.

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

- November 25, 2014 – Service/Safety Committee was informed that the NDDOT was soliciting for applications for the Transportation Alternatives Program (TAP).
- December 15, 2014 – Council approved the TAP application which included this project.
- July 6, 2015 – Council approved accepting the TAP funding and proceeding with project development.
- April 26, 2016 – Service/Safety Committee was provided information regarding this Environmental Check List and Decision Document
- June 6, 2016 – Council approved the Environmental Checklist and Decision Document and concurred with the selection of Construction of the shared use path on the south side of Demers Ave.
- August 1, 2016 – Council approved Plans and Specifications
- September 6, 2016 – Council approved the Cost Participation, Construction and Maintenance agreement with NDDOT
- November 21, 2016 – Council approved Amendment No. 1 to the Cost Participation, Construction and Maintenance Agreement with NDDOT

ANALYSIS AND FINDINGS OF FACT:

- Bids were received on November 18, 2016.
- A total of 4 bids were received and 4 bids were opened.
- Award would then be based upon the lowest bid that would result in the lowest project cost for the combined Demers Ave Maintenance Project and Demers Ave Shared Use Path project.
- The bids for the Demers Ave Shared Use Path Project received ranged from \$409,015.37 to \$484,682.45.
- The lowest bid received was from Interstate Improvement Inc in the amount of \$409,015.37.
- The Engineer’s Estimate for the Shared Use Path project is \$354,487.50.
- The lowest bid received was approximately 15% above the Engineer’s Estimate.
- Even though the lowest bid was significantly above the Engineer’s Estimate, staff feels that it is unlikely there will be an advantage to rebidding the project and therefore recommends concurring with the NDDOT to award of the project to the low bidder.
- City staff feel the low bidder is qualified to do the work of this project.
- The NDDOT will provide Construction Engineering Services, at actual cost, but not to exceed 10% of the value of the actual construction costs of the shared use path project, estimated to be approximately \$40,900.
- The current estimated project costs are as follows:

\$290,000	Federal Share
<u>\$160,000</u>	Local Share
\$450,000	Total Cost (Including NDDOT Construction Engineering Costs)
- Funding for this project will come from Bikeway Capital Projects Fund 4108, where a total of \$559,000 has been budgeted in 2016 for new path projects.

SUPPORT MATERIALS:

- Relevant page from the NDDOT Letter Requesting Concurrence from the City of Grand Forks (1 page)
- NDDOT Apparent Bids for Project #33 Received (1 page)
- Abstract of Bids Received for the Demers Ave Shared Use Path Project (1 page)
- Project Location Map (1 page)
- Page 273 of the 2016 City Budget indicating funding source for this project (1 page)
- Page 458 of the 2016 City Budget showing these projects in the CIP (1 page)



North Dakota Department of Transportation

Grant Levi, P.E.
Director

Jack Dalrymple
Governor

November 18, 2016

Mr. Al Grasser
City Engineer
PO Box 5200
Grand Forks, ND 58206

PROJECTS: NHU-6-297(008)000, PCN 20832; TAU-6-297(010)000, PCN 21148; & TAU-6-986(118)122, PCN 21151 – GRAND FORKS DEMERS AVE FROM I-29 TO 4TH AVE S; 88' W OF I-29 ONRAMP TO 42ND ST S; & 88' W OF I-29 ONRAMP TO 48TH ST S

Bids for the construction on the above noted projects were taken at our bid opening of November 18, 2016. Copies of the Contract Detail Estimates are enclosed.

The low bid for CPR, Dowel Bar Retrofit, Stitching, Grinding, ADA Ramps, Fiber Optic, Video Detection, Sidewalks, & Incidentals was submitted by Interstate Improvement, Inc. of Faribault, MN in the amount of \$4,904,946.79. According to the agreements with the City of Grand Forks, the City's share of the projects is estimated to be \$724,936.37. See Contract Detail Estimates for cost breakdowns and federal limits.

Before we can award to the low bidder, we need the City of Grand Forks to **concur**, in writing, in the estimated amount by December 6, 2016, if possible.

Questions should be addressed to the Construction Services Division at (701)328-2566.

CAL J. GENDREAU, P.E. - CONSTRUCTION SERVICES ENGINEER

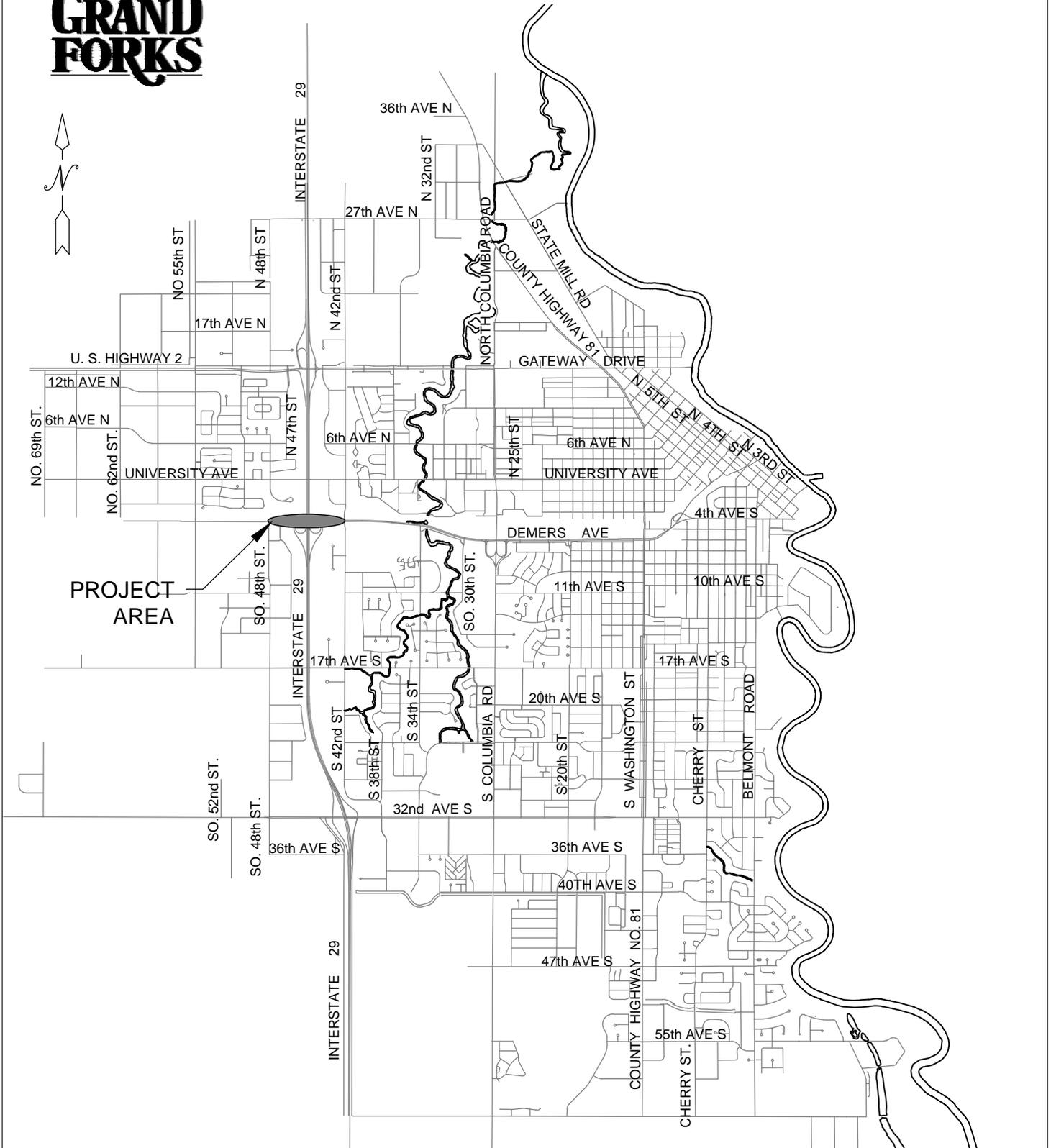
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Enclosure

Proposal	Description	Bidder ID	Bidder Name	Address	Is Public	DBE	Bid Amount	Alt or Opt	Bid Limitation	Total Discount
026 - 20161118026 BILLINGS GOLDEN VALLEY	HMA OVERLAY; PCC; AGGREGATE BASE; & BOX CULVERT	9048	ENGINEERS ESTIMATE	607 E BOULEVARD AVE BISMARCK , ND 58505-0606	Yes	0.00%	\$3,927,593.85			
		140	NORTHERN IMPROVEMENT COMPANY	PO BOX 2846 FARGO , ND 58108-2846	Yes	2.66%	\$4,360,792.40			
		66	BITUMINOUS PAVING INC	PO BOX 6 ORTONVILLE , MN 56278-0006	Yes	0.00%	\$4,833,789.74			
		239	MAYO CONSTRUCTION COMPANY INC	PO BOX 310 CAVALIER , ND 58220-0310	Yes	0.00%	\$4,928,019.62			
		159	CENTRAL SPECIALTIES INC	6325 COUNTY ROAD 87 SW ALEXANDRIA , MN 56308-5361	Yes	0.00%	\$5,181,790.20			
		1113	KNIFE RIVER CORPORATION - NORTH CENTRAL	4787 SHADOWWOOD DR NE SAUK RAPIDS , MN 56379-9431	Yes	1.16%	\$5,597,865.96			
033 - 20161118033 GRAND FORKS	CPR; DOWEL BAR RETROFIT; STITCHING; GRINDING; ADA CURB RAMPS; FIBER OPTIC; VIDEO DETECTION; SIDEWALKS; & INCIDENTALS	9048	ENGINEERS ESTIMATE	607 E BOULEVARD AVE BISMARCK , ND 58505-0606	Yes	0.00%	\$4,173,806.50			
		1310	INTERSTATE IMPROVEMENT INC	PO BOX 8 FARIBAULT , MN 55021-0008	Yes	2.86%	\$4,904,946.79			
		180	STRATA CORPORATION	PO BOX 13500 GRAND FORKS , ND 58208-3500	Yes	0.20%	\$5,368,870.32			
		272	ACME CONCRETE PAVING INC	4124 E BROADWAY AVE SPOKANE , WA 99202-4531	Yes	0.04%	\$5,625,000.00			
		119	OPP CONSTRUCTION LLC	PO BOX 13530 GRAND FORKS , ND 58208-3530	Yes	2.95%	\$5,782,565.46			
036 - 20161118036 WILLIAMS	MILLING; HOT MIX ASPHALT OVERLAY; ADA RAMPS AND PAVEMENT MARKINGS	9048	ENGINEERS ESTIMATE	607 E BOULEVARD AVE BISMARCK , ND 58505-0606	Yes	0.00%	\$308,006.90			
		140	NORTHERN IMPROVEMENT COMPANY	PO BOX 2846 FARGO , ND 58108-2846	Yes	1.18%	\$354,936.65			
		1113	KNIFE RIVER CORPORATION -	4787 SHADOWWOOD DR NE	Yes	11.37%	\$397,804.95			

PROJECT LOCATION MAP GRAND FORKS, NORTH DAKOTA

Demers Ave Shared Use Path
(42nd St to 48th St)

PROJECT # 7148



PROJECT
AREA

Fund 4108: Bikeway Capital Maintenance

Account Number	Description	2013 Amended Budget	2013 Actual Amount	2014 Amended Budget	2014 Actual Amount	2015 Adopted Budget	2016 Adopted Budget
Fund	4108	Bikeway Capital Projects					
Revenue Totals		\$614,000.00	\$103,936.12	\$467,449.00	\$130,520.79	\$464,087.00	\$662,824.00
Expenses							
Department	100	Expenditures					
<u>Other Operating Expenses</u>							
470.0120	Bad Debt Expense	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total: Other Operating Expenses		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
<u>Operating Transfers Out</u>							
900.0010	Operating Transfers Out	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total: Operating Transfers Out		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
<u>Capital Outlay</u>							
650.0010	Work In Progress	\$423,954.00	\$178,684.05	\$178,700.00	\$129,236.10	\$150,000.00	\$659,000.00
Budget Transactions:							
	Level	Transaction			Number of Units	Cost Per Unit	Total Amount
	Adopted Budget	Bikeway capital & maintenance			1.00	100000	\$100,000.00
	Adopted Budget	New Bikepaths			1.00	559000	\$559,000.00
		Total Adopted Budget					\$659,000.00
700.0050	Gen Equipment N.O.C.	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total: Capital Outlay		\$423,954.00	\$178,684.05	\$178,700.00	\$129,236.10	\$150,000.00	\$659,000.00
<u>Extraordinary Expense</u>							
994.0000	Unrealized Loss on Invest	\$0.00	\$5,089.63	\$0.00	\$0.00	\$0.00	\$0.00
Total: Extraordinary Expense		\$0.00	\$5,089.63	\$0.00	\$0.00	\$0.00	\$0.00
Department Total: Expenditures		\$423,954.00	\$183,773.68	\$178,700.00	\$129,236.10	\$150,000.00	\$659,000.00
Revenue Totals:		\$614,000.00	\$103,936.12	\$467,449.00	\$130,520.79	\$464,087.00	\$662,824.00
Expense Totals		\$423,954.00	\$183,773.68	\$178,700.00	\$129,236.10	\$150,000.00	\$659,000.00
Fund Total: Bikeway Capital Projects		\$190,046.00	(\$79,837.56)	\$288,749.00	\$1,284.69	\$314,087.00	\$3,824.00

City of Grand Forks
2016 City Budget

CIP (continued)
Six Year CIP Summary Listing

By Project Type

Category/Project Department Source of Funds	2016	2017	2018	2019	2020	2021	Estimated Total Cost
Traffic Signal Software & Hardware Upgrades							
Street/Infrastructure	-	-	1,000,000	-	-	-	1,000,000
Total	-	-	1,000,000	-	-	-	1,000,000
47th Ave S. (20th St. - Columbia)							
Special Assessment	-	-	-	191,500	-	-	191,500
City Share (Street/Infrastructure)	-	-	150,000	1,723,500	100,000	-	1,973,500
Total	-	-	150,000	1,915,000	100,000	-	2,165,000
6th Ave (58th to 62nd)							
Special Assessment	-	-	-	-	174,000	-	174,000
City Share (Street/Infrastructure)	-	-	-	-	697,000	20,000	717,000
Total	-	-	-	-	871,000	20,000	891,000
17th Ave N (N 48th St to N 55th St)							
Special Assessment	-	-	-	-	148,500	-	148,500
Economic Development	-	-	-	-	594,000	-	594,000
City Share (Street/Infrastructure)	-	-	-	-	-	20,000	20,000
Total	-	-	-	-	742,500	20,000	762,500
6th Ave (55th to 58th)							
Special Assessment	-	-	174,000	-	-	-	174,000
City Share (Street/Infrastructure)	-	-	697,000	20,000	-	-	717,000
Total	-	-	871,000	20,000	-	-	891,000
S. 38th St. (43th-47th Ave S)							
Special Assessment	-	-	-	145,000	-	-	145,000
City Share (Street/Infrastructure)	-	-	-	581,000	-	-	581,000
Total	-	-	-	726,000	-	-	726,000
62nd Ave. South (Belmont - Cherry)							
Special Assessment	-	-	-	315,000	-	-	315,000
City Share (Street/Infrastructure)	-	-	150,000	1,260,000	100,000	-	1,510,000
Total	-	-	150,000	1,575,000	100,000	-	1,825,000
Cherry St. (58th-62nd Ave S)							
Special Assessment	-	-	187,000	-	-	-	187,000
City Share (Street/Infrastructure)	-	-	748,000	-	-	-	748,000
Total	-	-	935,000	-	-	-	935,000
Various Special Assessment Projects and Development Areas	1,341,554	3,250,000	3,250,000	3,250,000	3,250,000	3,250,000	17,591,554
University Ave. Bridge Repair							
Federal Bridge Funds	-	-	500,000	-	-	-	500,000
City Share (Street/Infrastructure)	-	20,000	200,000	20,000	-	-	240,000
Total	-	20,000	700,000	20,000	-	-	740,000
Quiet Zone Redundancy							
Street/Infrastructure	50,000	50,000	-	-	-	-	100,000
Traffic Signal Interconnect							
Street/Infrastructure	50,000	50,000	50,000	50,000	50,000	50,000	300,000
LED Street Light Replacement Program							
Street/Infrastructure	50,000	50,000	50,000	50,000	50,000	50,000	300,000
Pavement Management/Asset Management							
Street/Infrastructure	40,000	100,000	40,000	40,000	40,000	100,000	360,000
Transportation Studies							
Street/Infrastructure	50,000	50,000	50,000	50,000	50,000	50,000	300,000
Downtown Street Lights							
Street/Infrastructure	60,000	-	-	-	-	-	60,000
Bikeway Capital & Maintenance							
Street/Infrastructure	100,000	105,000	110,250	115,763	121,551	127,628	680,191
Bikepath (New)							
Federal Share T.E.	290,000	-	200,000	-	200,000	-	690,000
City Share (Bikeway-Infrastructure funds)	519,000	-	-	-	-	-	519,000
City Share (Street/Infrastructure)	40,000	50,000	40,000	50,000	40,000	50,000	270,000
Total	849,000	50,000	240,000	50,000	240,000	50,000	1,479,000
Sidewalk							
Sidewalks							
Street/Infrastructure Fund (ADA Approach walks)	50,000	50,000	50,000	50,000	50,000	50,000	300,000
City Special Assessments Fund (Approach walks)	25,000	25,000	25,000	25,000	25,000	25,000	150,000
Special Assessment	175,000	175,000	175,000	175,000	175,000	175,000	1,050,000
Total	250,000	250,000	250,000	250,000	250,000	250,000	1,500,000
Ongoing Street Maintenance and Repair Projects							
Minor Street Repairs							
Street/Infrastructure (2% annual increase)	174,072	177,554	181,105	184,727	188,422	192,190	1,098,069
Street Maintenance Program							
Street/Infrastructure (3% annual increase)	881,124	907,558	934,784	962,828	991,713	1,021,464	5,699,471
Controllers & Conflict Monitors							
Street/Infrastructure (2% annual increase)	24,868	25,365	25,872	26,389	26,917	27,455	156,866
Traffic Signal Maintenance							
Street/Infrastructure (2% annual increase)	87,781	89,537	91,328	93,155	95,018	96,918	553,737
Maintenance of Street Lights							
Street/Infrastructure	30,000	60,000	60,000	60,000	60,000	60,000	330,000
Minor Intersection Improvements							
Street/Infrastructure	25,000	25,000	25,000	25,000	25,000	25,000	150,000
Diamond Grade Reflectivity							
Street/Infrastructure	40,000	40,000	20,000	20,000	20,000	20,000	160,000