



City of North Royalton

Mayor Robert A. Stefanik

Daniel J. Collins, P.E.
Assistant City Engineer

Diane Veverka
Administrative Assistant

Mark A. Schmitzer, P.E.

City Engineer

MEMORANDUM

To: Mayor Robert A. Stefanik
Laura Haller, Council Clerk
Eric Dean, Finance Director
Thomas A. Kelly, Law Director
Donna M. Vozar, Assistant Law Director

From: Mark Schmitzer, P.E., City Engineer

CC: Larry Antoskiewicz, President of Council

Date: 5/7/2019

Re: Royalton Road (SR 82) Watermain Replacement – State Road to Prince Charles Drive
Recommendation of Contract Award

The bid opening for the Royalton Road (SR 82) Watermain Replacement – State Road to Prince Charles Drive occurred on Tuesday, May 7, 2019 at 12:00pm at City Hall. The following is the official results of the bids submitted:

<u>Contractor</u>	<u>BASE BID AMOUNT</u>
1.) Catts Construction, Inc.	\$ 695,273.04
2.) Fabrizi Trucking & Paving Co., Inc.	\$ 689,513.04
<i>Engineer's Opinion of Probable Cost</i>	\$ 636,224.60

(Please note that all bids include an 10% contingency.)

After extensive review of the submitted bids, the Engineering Department recommends **Fabrizi Trucking & Paving Co, Inc.**, who is qualified to perform the work, the award of the lowest and best bid amount of **\$ 689,513.04.**

Attached to this Memorandum is the complete Official Bid Tabulation for the Royalton Road (SR 82) Watermain Replacement – State Road to Prince Charles Drive.

City of North Royalton Engineering Department
ROYALTON ROAD (SR 82) WATER MAIN REPLACEMENT
 (State Road to Prince Charles Drive)



OFFICIAL BID TABULATION (Bid Opening on May 7, 2019 at 12:00 pm)

ITEM No.	ODOT No.	Description	Unit	Quant.	Engineer's Estimate		Catts Construction, Inc.		Fabrizi Trucking & Paving Co., Inc.	
					Unit Pr.	Total	Unit Pr.	Total	Unit Pr.	Total
1	SPCL	PRECONSTRUCTION PHOTOGRAPHY	LUMP	1	\$ 2,000.00	\$ 2,000.00	\$ 600.00	\$ 600.00	\$ 810.00	\$ 810.00
2	614	MAINTAINING TRAFFIC	LUMP	1	\$ 10,000.00	\$ 10,000.00	\$ 29,800.00	\$ 29,800.00	\$ 27,044.00	\$ 27,044.00
3	624	MOBILIZATION	LUMP	1	\$ 20,000.00	\$ 20,000.00	\$ 53,275.00	\$ 53,275.00	\$ 20,400.00	\$ 20,400.00
4	SPCL	INLET PROTECTION, PER PLAN	EACH	6	\$ 125.00	\$ 750.00	\$ 67.00	\$ 402.00	\$ 95.20	\$ 571.20
5	SPCL	SILT FENCE, PER PLAN	L.F.	50	\$ 5.00	\$ 250.00	\$ 6.75	\$ 337.50	\$ 2.08	\$ 104.00
6	638	12" DUCTILE IRON CLASS 52 CEMENT-LINED WATER MAIN, INCL. REMOVAL OF EX. W.M.	L.F.	2,001	\$ 120.00	\$ 240,120.00	\$ 147.25	\$ 294,647.25	\$ 143.81	\$ 287,763.81
7	638	8" DUCTILE IRON CLASS 52 CEMENT-LINED WATER MAIN, INCL. REMOVAL OF EX. W.M.	L.F.	61	\$ 100.00	\$ 6,100.00	\$ 100.00	\$ 6,100.00	\$ 211.47	\$ 12,899.67
8	638	6" HYDRANT ASSEMBLY, INCL. REMOVAL OF EX. HYD. ASSEMBLY, COMPLETE	EACH	7	\$ 5,300.00	\$ 37,100.00	\$ 5,600.00	\$ 39,200.00	\$ 5,379.00	\$ 37,653.00
9	638	12" LINE VALVE ASSEMBLY, INCL. REMOVAL OF EX. LINE VALVE ASSEMBLY, COMPLETE	EACH	8	\$ 3,500.00	\$ 28,000.00	\$ 2,565.00	\$ 20,520.00	\$ 2,129.58	\$ 17,036.64
10	638	12"x12" TAPPING SLEEVE VALVE AND VALVE BOX, INCL. REMOVAL OF EX. VALVE & BOX	EACH	3	\$ 4,000.00	\$ 12,000.00	\$ 1,000.00	\$ 3,000.00	\$ 741.30	\$ 2,223.90
11	SPCL	WATER SERVICE CONNECTION, SHORT, PER PLAN	EACH	16	\$ 1,830.00	\$ 29,280.00	\$ 1,830.00	\$ 29,280.00	\$ 2,168.92	\$ 34,702.72
12	SPCL	WATER SERVICE CONNECTION, LONG, PER PLAN	EACH	15	\$ 2,000.00	\$ 30,000.00	\$ 2,341.00	\$ 35,115.00	\$ 2,770.78	\$ 41,561.70
13	SPCL	CHLORINATION PIT	EACH	1	\$ 1,100.00	\$ 1,100.00	\$ 2,500.00	\$ 2,500.00	\$ 509.55	\$ 509.55
14	SPCL	CONNECT TO EXISTING 12" WATER MAIN, COMPLETE	EACH	3	\$ 4,000.00	\$ 12,000.00	\$ 3,000.00	\$ 9,000.00	\$ 4,406.05	\$ 13,218.15
15	SPCL	CONNECT TO EXISTING 8" WATER MAIN, COMPLETE	EACH	1	\$ 2,800.00	\$ 2,800.00	\$ 3,000.00	\$ 3,000.00	\$ 4,363.92	\$ 4,363.92
16	617	COMPACTED AGGREGATE (FOR SHOULDER)	C.Y.	55	\$ 75.00	\$ 4,125.00	\$ 184.00	\$ 10,120.00	\$ 120.00	\$ 6,600.00
17	461	8" CONCRETE PAVEMENT RESTORATION (4 STREET CROSSINGS), COMPLETE, PER PLAN	S.Y.	470	\$ 100.00	\$ 47,000.00	\$ 66.00	\$ 31,020.00	\$ 106.16	\$ 49,895.20
18	609	CONCRETE CURB (TYPE 6), INCL. REMOVAL OF EX. CURB, COMPLETE	L.F.	90	\$ 50.00	\$ 4,500.00	\$ 35.00	\$ 3,150.00	\$ 48.00	\$ 4,320.00
19	608	CONCRETE CURB RAMP, INCL. REMOVAL OF EX. RAMP & SIDEWALK, COMPLETE	EACH	2	\$ 250.00	\$ 500.00	\$ 1,100.00	\$ 2,200.00	\$ 1,050.00	\$ 2,100.00
20	202	PIPE REMOVED, 24" AND UNDER	L.F.	400	\$ 15.00	\$ 6,000.00	\$ 2.00	\$ 800.00	\$ 4.27	\$ 1,708.00
21	611	12" CONDUIT, TYPE B, AS PER PLAN	L.F.	100	\$ 85.00	\$ 8,500.00	\$ 40.00	\$ 4,000.00	\$ 39.31	\$ 3,931.00
22	611	12" CONDUIT, TYPE C, AS PER PLAN	L.F.	100	\$ 90.00	\$ 9,000.00	\$ 35.00	\$ 3,500.00	\$ 36.33	\$ 3,633.00
23	611	15" CONDUIT, TYPE B, AS PER PLAN	L.F.	100	\$ 100.00	\$ 10,000.00	\$ 45.00	\$ 4,500.00	\$ 39.97	\$ 3,997.00
24	611	15" CONDUIT, TYPE C, AS PER PLAN	L.F.	100	\$ 110.00	\$ 11,000.00	\$ 35.00	\$ 3,500.00	\$ 37.73	\$ 3,773.00
25	304	AGGREGATE BASE, LIMESTONE, COMPACTED IN-PLACE	C.Y.	10	\$ 75.00	\$ 750.00	\$ 45.00	\$ 450.00	\$ 65.38	\$ 653.80
26	441	3" ASPHALT DRIVE APRON REPLACEMENT, INCL. AGGREGATE BASE, COMPLETE, PER PLAN	S.F.	624	\$ 11.25	\$ 7,020.00	\$ 9.00	\$ 5,616.00	\$ 6.94	\$ 4,330.56
27	461	6" CONCRETE DRIVE APRON REPLACEMENT, INCL. AGGREGATE BASE, COMPLETE, PER PLAN	S.F.	914	\$ 10.50	\$ 9,597.00	\$ 9.50	\$ 8,683.00	\$ 7.25	\$ 6,626.50
28	669	SEEDING AND MULCHING	S.Y.	1,460	\$ 4.50	\$ 6,570.00	\$ 1.50	\$ 2,190.00	\$ 2.16	\$ 3,153.60
29	669	TOP SOIL SPREAD AT 2" THICKNESS	C.Y.	85	\$ 100.00	\$ 8,500.00	\$ 80.00	\$ 6,800.00	\$ 50.28	\$ 4,273.60
30	669	COMMERCIAL FERTILIZER	TON	0.10	\$ 700.00	\$ 70.00	\$ 950.00	\$ 95.00	\$ 3,240.00	\$ 324.00
31	669	WATER	M GAL	5	\$ 180.00	\$ 900.00	\$ 0.30	\$ 1.50	\$ 54.00	\$ 270.00
32	SPCL	MAILBOX RELOCATION, INCL. TEMPORARY PLACEMENT, COMPLETE	EACH	8	\$ 125.00	\$ 1,000.00	\$ 240.00	\$ 1,920.00	\$ 262.00	\$ 2,096.00
33	632	LOOP DETECTOR, COMPLETE	EACH	1	\$ 1,200.00	\$ 1,200.00	\$ 1,800.00	\$ 1,800.00	\$ 5,616.00	\$ 5,616.00
34	642	CROSSWALK LINE, TYPE 1	ML	0.03	\$ 13,333.33	\$ 400.00	\$ 1,800.00	\$ 54.00	\$ 16,200.00	\$ 486.00
35	642	24" STOP LINE, TYPE 1	L.F.	42	\$ 5.00	\$ 210.00	\$ 6.00	\$ 252.00	\$ 5.40	\$ 226.80
36	642	WORD ON PAVEMENT (48"), TYPE 1	EACH	2	\$ 100.00	\$ 200.00	\$ 102.00	\$ 204.00	\$ 91.80	\$ 183.60
37	642	LANE LINE (6"), TYPE 1	ML	0.11	\$ 900.00	\$ 99.00	\$ 6,265.00	\$ 689.15	\$ 5,616.00	\$ 617.76
38	642	LANE ARROW, TYPE 1	EACH	3	\$ 50.00	\$ 150.00	\$ 90.00	\$ 270.00	\$ 81.00	\$ 243.00
39	SPCL	UTILITY ALLOWANCE	LUMP	1	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00
40	SPCL	2017 CWD FEES (good thru 12/31/2020)	LUMP	1	\$ 6,075.00	\$ 6,075.00	\$ 6,075.00	\$ 6,075.00	\$ 6,075.00	\$ 6,075.00
41	SPCL	AS-BUILT DRAWINGS	LUMP	1	\$ 2,500.00	\$ 2,500.00	\$ 1,200.00	\$ 1,200.00	\$ 1,866.24	\$ 1,866.24
42	623	CONSTRUCTION LAYOUT STAKING	LUMP	1	\$ 4,500.00	\$ 4,500.00	\$ 1,200.00	\$ 1,200.00	\$ 3,967.92	\$ 3,967.92
43	SPCL	10% CONSTRUCTION CONTINGENCY	LUMP	1	\$ -	\$ 57,838.60	\$ 63,206.64	\$ 63,206.64	\$ 62,683.00	\$ 62,683.00
BID TOTALS:					\$	636,224.60	\$	695,273.04	\$	689,513.04

indicates corrected amount based on math