

**Memorandum
Public Works Department**



To: City Manager
Subject: 38th Street and 18th Avenue Intersection Resurfacing, Project 2706
Date: April 5, 2016
Number: 2016-071

The Engineering Division opened bids for the above referenced project on Tuesday, April 5, 2016. This project is to resurface the intersection of 38th Street and 18th Avenue. A copy of the bid tabulation is attached.

The invitation to bid was advertised in the Rock Island Argus on March 22, 2016 and March 23, 2016 and was also posted on the City website. The following contractors were contacted:

Brandt Construction	Langman Construction
Valley Construction	Laud Construction
Centennial Contractors	

The low bid is from Tri-City Blacktop, in the amount of \$457,915.30. This project is funded in the 2016 budget.

Recommendation

It is recommended that the City Council award the bid to Tri-City Blacktop in the amount of \$457,915.30.

Vendor: Tri-City Blacktop
Contract Amount: \$457,915.30

Accounts Chargeable:

Fund:	301	Capital Improvement
Division:	616	Municipal Services
Cost Center:	311	Street Construction
Object Class:	56301	Streets/Alleys
Project Code:	2706	38 th Street and 18 th Avenue Intersection

Requisition: R006043

Submitted by: Randall D. Tweet, Public Works Director
Michael J. Kane, P.E., City Engineer

Approved by: Thomas Thomas, City Manager

Bid Tabulation
Job Name: 38th Street and 18th Avenue Resurfacing
City Job Number 2706
Bid Date: Tuesday April 5, 2016 at 10:00 a.m.

Engineer's Estimate	Tn-City Blacktop 425 S. Devils Glen Bettendorf, IA 52722	Brandt Construction Company 700 4th Street West Milan, IL 61264	Valley Construction Company 3610 78th Avenue West Rock Island, IL 61201	McCarthy Improvement Co. 5401 Victoria Avenue Davenport, IA 52807
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(For complete information covering these pay items, see plans and specifications)

Item No.	Description	Plan Quantity	Units	Unit Price		Total		Unit Price		Total		Unit Price		Total	
				Price	Total	Price	Total	Price	Total	Price	Total	Price	Total		
1	Portland Cement Concrete Surface Removal (Cold Milling)	6817.0	SY	\$ 10.00	\$ 68,170.00	\$ 11.00	\$ 74,987.00	\$ 7.00	\$ 47,719.00	\$ 16.00	\$ 109,072.00	\$ 13.50	\$ 92,029.50		
2	Pavement Removal	15.0	SY	\$ 25.00	\$ 375.00	\$ 15.00	\$ 225.00	\$ 100.00	\$ 1,500.00	\$ 35.00	\$ 525.00	\$ 59.00	\$ 885.00		
3	Earth Excavation	41.5	CY	\$ 30.00	\$ 1,245.00	\$ 15.00	\$ 622.50	\$ 72.00	\$ 2,988.00	\$ 19.00	\$ 788.50	\$ 95.00	\$ 3,942.50		
4	Geotechnical Fabric For Ground Stabilization	15.0	SY	\$ 1.50	\$ 22.50	\$ 2.00	\$ 30.00	\$ 5.00	\$ 75.00	\$ 2.00	\$ 30.00	\$ 3.00	\$ 45.00		
5	Aggregate Base Course, Type A	35.0	Ton	\$ 30.00	\$ 1,050.00	\$ 25.00	\$ 875.00	\$ 65.50	\$ 2,292.50	\$ 38.00	\$ 1,330.00	\$ 98.00	\$ 3,430.00		
6	PCC Pavement (Jointed), 9" (With Integral Curb)	48.4	SY	\$ 58.00	\$ 2,807.20	\$ 100.00	\$ 4,840.00	\$ 127.50	\$ 6,171.00	\$ 128.00	\$ 6,195.20	\$ 125.00	\$ 6,050.00		
7	Combination Curb And Gutter Removal	370.0	FT	\$ 10.50	\$ 3,885.00	\$ 12.00	\$ 4,440.00	\$ 27.74	\$ 10,263.80	\$ 15.00	\$ 5,550.00	\$ 20.00	\$ 7,400.00		
8	PCC Combination Concrete Curb & Gutter, Type M-6.12 (Mod)	564.4	FT	\$ 45.00	\$ 25,398.00	\$ 40.00	\$ 22,576.00	\$ 43.50	\$ 24,551.40	\$ 55.00	\$ 31,042.00	\$ 50.00	\$ 28,220.00		
9	Mixture For Cracks, Joints, And Flangeways	30.0	Ton	\$ 200.00	\$ 6,000.00	\$ 300.00	\$ 9,000.00	\$ 100.00	\$ 3,000.00	\$ 270.00	\$ 8,100.00	\$ 500.00	\$ 15,000.00		
10	Area Reflective Crack Control Treatment	6817.0	S.Y.	\$ 2.75	\$ 18,746.75	\$ 3.25	\$ 22,155.25	\$ 4.80	\$ 32,721.60	\$ 4.20	\$ 28,631.40	\$ 2.25	\$ 15,338.25		
11	Hot-Mix Asphalt Binder Course, IL-9.5, N50, 1-1/2"	678.0	Ton	\$ 89.00	\$ 60,342.00	\$ 86.00	\$ 58,308.00	\$ 98.50	\$ 66,783.00	\$ 97.00	\$ 65,766.00	\$ 140.00	\$ 94,920.00		
12	Hot-Mix Asphalt Surface Course, IL-9.5, N50, 1-1/2"	678.0	Ton	\$ 89.00	\$ 60,342.00	\$ 86.00	\$ 58,308.00	\$ 98.50	\$ 66,783.00	\$ 97.00	\$ 65,766.00	\$ 140.00	\$ 94,920.00		
13	Driveway Pavement Removal	273.6	SY	\$ 15.00	\$ 4,104.00	\$ 13.50	\$ 3,693.60	\$ 25.00	\$ 6,840.00	\$ 11.00	\$ 3,009.60	\$ 26.00	\$ 7,113.60		
14	Portland Cement Concrete Commercial Driveway, 7"	273.6	SY	\$ 60.00	\$ 16,416.00	\$ 63.00	\$ 17,236.80	\$ 65.00	\$ 17,784.00	\$ 78.00	\$ 21,340.80	\$ 100.00	\$ 27,360.00		
15	Sidewalk Removal	6458.5	SF	\$ 1.25	\$ 8,073.13	\$ 1.00	\$ 6,458.50	\$ 1.50	\$ 9,687.75	\$ 2.00	\$ 12,917.00	\$ 1.40	\$ 9,041.90		
16	Portland Cement Concrete Sidewalk, 5"	6675.9	SF	\$ 6.00	\$ 40,055.40	\$ 5.50	\$ 36,717.45	\$ 8.00	\$ 53,407.20	\$ 10.00	\$ 66,759.00	\$ 8.00	\$ 53,407.20		
17	Portland Cement Concrete Pedestrian Curb Ramp, 6"	1182.5	SF	\$ 11.00	\$ 13,007.50	\$ 18.00	\$ 21,285.00	\$ 13.00	\$ 15,372.50	\$ 16.00	\$ 18,920.00	\$ 23.00	\$ 27,197.50		
18	Paint Pavement Markings - Letters And Symbols	187.2	SF	\$ 3.50	\$ 655.20	\$ 2.75	\$ 514.80	\$ 3.10	\$ 580.32	\$ 3.20	\$ 599.04	\$ 3.00	\$ 561.60		
19	Paint Pavement Markings - Line, 6", White	776.0	FT	\$ 1.75	\$ 1,358.00	\$ 1.50	\$ 1,164.00	\$ 1.70	\$ 1,319.20	\$ 1.70	\$ 1,319.20	\$ 1.50	\$ 1,164.00		
20	Paint Pavement Markings - Line, 24", White	168.0	FT	\$ 3.00	\$ 504.00	\$ 4.25	\$ 714.00	\$ 4.80	\$ 806.40	\$ 5.00	\$ 840.00	\$ 5.00	\$ 840.00		
21	Paint Pavement Markings - Line, 4", White	830.0	FT	\$ 1.50	\$ 1,245.00	\$ 0.99	\$ 821.70	\$ 1.10	\$ 913.00	\$ 1.20	\$ 996.00	\$ 1.00	\$ 830.00		
22	Manhole To Be Adjusted With New Frame And Lid	7.0	Each	\$ 650.00	\$ 4,550.00	\$ 1,500.00	\$ 10,500.00	\$ 1,255.00	\$ 8,785.00	\$ 1,800.00	\$ 12,600.00	\$ 3,150.00	\$ 22,050.00		
23	Catch Basins To Be Adjusted With New Frame & Type C Grate	4.0	Each	\$ 900.00	\$ 3,600.00	\$ 1,500.00	\$ 6,000.00	\$ 1,350.00	\$ 5,400.00	\$ 1,800.00	\$ 7,200.00	\$ 3,325.00	\$ 13,300.00		
24	Gate Valve And Box To Be Adjusted	2.0	Each	\$ 200.00	\$ 400.00	\$ 250.00	\$ 500.00	\$ 325.00	\$ 650.00	\$ 800.00	\$ 1,600.00	\$ 880.00	\$ 1,760.00		
25	Domestic Water Valve And Box To Be Adjusted	1.0	Each	\$ 80.00	\$ 80.00	\$ 150.00	\$ 150.00	\$ 325.00	\$ 325.00	\$ 800.00	\$ 800.00	\$ 880.00	\$ 880.00		
26	Inlet And Pipe Protection	6.0	Each	\$ 200.00	\$ 1,200.00	\$ 200.00	\$ 1,200.00	\$ 225.00	\$ 1,350.00	\$ 230.00	\$ 1,380.00	\$ 240.00	\$ 1,440.00		
27	Sodding	188.0	SY	\$ 7.00	\$ 1,316.00	\$ 20.00	\$ 3,760.00	\$ 22.50	\$ 4,230.00	\$ 22.00	\$ 4,136.00	\$ 24.00	\$ 4,512.00		
28	Project Signs	2.0	Each	\$ 250.00	\$ 500.00	\$ 500.00	\$ 1,000.00	\$ 450.00	\$ 900.00	\$ 450.00	\$ 900.00	\$ 1,200.00	\$ 2,400.00		
29	Traffic Control And Protection	1.0	LS	\$ 40,000.00	\$ 40,000.00	\$ 32,200.00	\$ 32,200.00	\$ 50,000.00	\$ 50,000.00	\$ 58,500.00	\$ 58,500.00	\$ 46,006.94	\$ 46,006.94		
30	Video Detection Camera	4.0	Each	\$ 3,250.00	\$ 13,000.00	\$ 2,465.00	\$ 9,860.00	\$ 2,775.00	\$ 11,100.00	\$ 2,600.00	\$ 10,400.00	\$ 2,500.00	\$ 10,000.00		
31	Video Detection, Dual Channel Processor	1.0	Each	\$ 4,815.00	\$ 4,815.00	\$ 6,795.00	\$ 6,795.00	\$ 7,650.00	\$ 7,650.00	\$ 7,887.26	\$ 7,887.26	\$ 7,000.00	\$ 7,000.00		
32	Video Detection, EM2, Extension Modules	1.0	Each	\$ 400.00	\$ 400.00	\$ 406.00	\$ 406.00	\$ 455.00	\$ 455.00	\$ 460.00	\$ 460.00	\$ 450.00	\$ 450.00		
33	Video Coax Cable, 8281	615.0	FT	\$ 2.00	\$ 1,230.00	\$ 3.50	\$ 2,152.50	\$ 4.00	\$ 2,460.00	\$ 4.00	\$ 2,460.00	\$ 4.00	\$ 2,460.00		
34	Video Camera, Power Cable	615.0	FT	\$ 2.00	\$ 1,230.00	\$ 3.48	\$ 2,140.20	\$ 4.00	\$ 2,460.00	\$ 4.00	\$ 2,460.00	\$ 4.00	\$ 2,460.00		
35	Controller Cabinet, Type IV	1.0	Each	\$ 6,750.00	\$ 6,750.00	\$ 13,831.00	\$ 13,831.00	\$ 20,000.00	\$ 20,000.00	\$ 14,500.00	\$ 14,500.00	\$ 14,000.00	\$ 14,000.00		
36	Full Actuated Controller W/Internal FSK Modem, 8 Phase	1.0	Each	\$ 3,750.00	\$ 3,750.00	\$ 4,351.00	\$ 4,351.00	\$ 4,900.00	\$ 4,900.00	\$ 4,500.00	\$ 4,500.00	\$ 4,500.00	\$ 4,500.00		
37	Concrete Foundation, Type D, Modified, 3.5'	1.0	Each	\$ 450.00	\$ 450.00	\$ 732.00	\$ 732.00	\$ 825.00	\$ 825.00	\$ 800.00	\$ 800.00	\$ 750.00	\$ 750.00		
38	Handhole	7.0	Each	\$ 250.00	\$ 1,750.00	\$ 1,064.00	\$ 7,448.00	\$ 1,200.00	\$ 8,400.00	\$ 1,100.00	\$ 7,700.00	\$ 1,100.00	\$ 7,700.00		
39	Ped Signal Head, Poly, 1 Face, 1 Section, Bracket Mounted	4.0	Each	\$ 540.00	\$ 2,160.00	\$ 981.00	\$ 3,924.00	\$ 1,000.00	\$ 4,000.00	\$ 940.00	\$ 3,760.00	\$ 900.00	\$ 3,600.00		
40	Pedestrian Push Button	4.0	Each	\$ 205.00	\$ 820.00	\$ 617.00	\$ 2,468.00	\$ 700.00	\$ 2,800.00	\$ 650.00	\$ 2,600.00	\$ 650.00	\$ 2,600.00		
41	Remove Existing Concrete Foundation	1.0	Each	\$ 400.00	\$ 400.00	\$ 575.00	\$ 575.00	\$ 650.00	\$ 650.00	\$ 600.00	\$ 600.00	\$ 625.00	\$ 625.00		
42	Remove Existing Traffic Signal Equipment	1.0	Each	\$ 400.00	\$ 400.00	\$ 1,750.00	\$ 1,750.00	\$ 1,965.00	\$ 1,965.00	\$ 1,800.00	\$ 1,800.00	\$ 1,850.00	\$ 1,850.00		
43	Shrubs	3.0	Each	\$ 60.00	\$ 180.00	\$ 400.00	\$ 1,200.00	\$ 450.00	\$ 1,350.00	\$ 420.00	\$ 1,260.00	\$ 450.00	\$ 1,350.00		
Bidder's Base Proposal:					\$422,782.68		\$ 457,915.30		\$ 512,213.67		\$ 597,800.00		\$ 641,389.99		