

**ROAD  
COMMISSION**  
for OAKLAND COUNTY  
INTER-DEPARTMENTAL MEMORANDUM  
ENGINEERING DEPARTMENT

RCOC  
*Approved*  
03/12/2026  
Esshaki / McPherson

**Date:** March 10, 2026  
**To:** Samuel Fitzer, P.E., Director of Engineering  
**From:** Jeff O'Brien, P.E., Design Engineer *JOB*

**Subject:** Tabulation and Recommendation for Bids received on March 10, 2026.  
#58164 – Avonlea Avenue Culvert Replacement over Huron River Tributary  
CVT: White Lake Township  
Low Bid Contractor: Z Contractors, Inc.

### Contract Description

A contract for the removal of the existing twin CMP 7'-11" span by 5'-7" rise arches, HMA surface and guardrail. Replace with a 23 foot span by 5 foot rise pile supported precast three-sided culvert, headwalls and wingwalls, approach roadway items and guardrail, located in White Lake Township, Oakland County, Michigan.

### Project Funding

This project is funded by the RCOC.

Engineers Estimate	\$1,776,750.00
Low Bid (March 10, 2026)	\$1,608,965.13

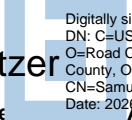
4 bids were received that ranged from \$1,608,965.13 to \$2,086,957.00.

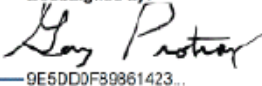
### Bid Recommendation

The low bid as received on March 10, 2026 is 9.44% less than the engineer's estimate.

Therefore, I recommend the Board **ACCEPT** the proposal of the low bidder **Z Contractors, Inc.**, in the amount of **\$1,608,965.13** in reference to project #58164; that all other bids be rejected; and that the Board authorize the Managing Director, on behalf of the Board, to execute a contract with **Z Contractors, Inc.**, to construct said project, upon receipt of the necessary bonds, insurance, and all other required documents.

/JOB

 <b>Samuel Fitzer</b> Department of Engineering	Digitally signed by Samuel Fitzer DN: C=US, E=sfitzer@rcoc.org, O=Road Commission for Oakland County, OU=Engineering, CN=Samuel Fitzer Date: 2026.03.10.12:39:48-04'00'
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DocuSigned by:  9E5DD0F89861423... <b>MDO Review / Concur</b>
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## Bid Comparison

**Contract ID:** 58164  
**Description:**  
**Location:** Avonlea Ave Over Huron River  
**Projects(s):** 58164

Rank	Bidder	Total Bid	% Over Low	% Over Est.
0	ENGINEER'S ESTIMATE	\$1,776,750.00	10.42%	0.00%
1	(07130) Z Contractors, Inc.	\$1,608,965.13	0.00%	-9.44%
2	(00139) C. A. Hull Co., Inc.	\$1,708,899.41	6.21%	-3.81%
3	(07162) Trojan Development Company, Inc.	\$1,892,440.65	17.61%	6.51%
4	(01177) Dan's Excavating, Inc.	\$2,086,957.00	29.70%	17.45%

Line	Pay Item Code	Quantity	Units	(0) ENGINEER'S ESTIMATE		(1) Z Contractors, Inc.		(2) C. A. Hull Co., Inc.	
				Bid Price	Total	Bid Price	Total	Bid Price	Total
0001	1100001 Mobilization, Max 161600	1	LSUM	\$161,600.00	\$161,600.00	\$161,600.00	\$161,600.00	\$161,600.00	\$161,600.00
0002	2017011 _ Grubbing, RCOC	525	Syd	\$4.00	\$2,100.00	\$15.00	\$7,875.00	\$5.00	\$2,625.00

Line	Pay Item Code	Quantity	Units	(0) ENGINEER'S ESTIMATE		(1) Z Contractors, Inc.		(2) C. A. Hull Co., Inc.	
				Bid Price	Total	Bid Price	Total	Bid Price	Total
0003	2020006	1	Ea	\$500.00	\$500.00	\$550.00	\$550.00	\$550.00	\$550.00
	Stump, Rem, 19 inch to 36 inch								
0004	2020008	2	Ea	\$250.00	\$500.00	\$175.00	\$350.00	\$175.00	\$350.00
	Stump, Rem, 6 inch to 18 inch								
0005	2030001	1	Ea	\$600.00	\$600.00	\$560.00	\$560.00	\$1,250.00	\$1,250.00
	Culv, Rem, Less than 24 inch								
0006	2030003	2	Ea	\$20,000.00	\$40,000.00	\$15,000.00	\$30,000.00	\$25,000.00	\$50,000.00
	Culv, Rem, Over 48 inch								
0007	2040035	177	Ft	\$5.00	\$885.00	\$6.00	\$1,062.00	\$6.00	\$1,062.00
	Guardrail, Rem								
0008	2040060	1	LSUM	\$30,000.00	\$30,000.00	\$40,000.00	\$40,000.00	\$5,000.00	\$5,000.00
	Structures, Rem (SN 14249)								
0009	2050010	314	Cyd	\$25.00	\$7,850.00	\$40.00	\$12,560.00	\$32.00	\$10,048.00
	Embankment, CIP								
0010	2050015	35	Cyd	\$35.00	\$1,225.00	\$47.00	\$1,645.00	\$65.00	\$2,275.00
	Excavation, Channel								
0011	2050016	770	Cyd	\$15.00	\$11,550.00	\$28.00	\$21,560.00	\$30.00	\$23,100.00
	Excavation, Earth								
0012	2050148	20	Cyd	\$250.00	\$5,000.00	\$325.00	\$6,500.00	\$300.00	\$6,000.00
	Flowable Fill, Non-Structural								
0013	2057011	134	Syd	\$15.00	\$2,010.00	\$17.00	\$2,278.00	\$15.00	\$2,010.00
	_ Excavation, Earth, RCOC								
0014	2057021	540	Cyd	\$85.00	\$45,900.00	\$100.00	\$54,000.00	\$80.00	\$43,200.00
	_ Subgrade Undercutting, 21AA								
0015	2057021	225	Cyd	\$70.00	\$15,750.00	\$100.00	\$22,500.00	\$90.00	\$20,250.00
	_ Subgrade Undercutting, Type 3 by 1								
0016	2060002	315	Cyd	\$45.00	\$14,175.00	\$48.00	\$15,120.00	\$65.00	\$20,475.00
	Backfill, Structure, CIP								
0017	2060010	555	Cyd	\$25.00	\$13,875.00	\$31.00	\$17,205.00	\$35.00	\$19,425.00
	Excavation, Fdn								
0018	2080014	4	Ea	\$1,000.00	\$4,000.00	\$150.00	\$600.00	\$750.00	\$3,000.00
	Erosion Control, Filter Bag								

Line	Pay Item Code	Quantity	Units	(0) ENGINEER'S ESTIMATE		(1) Z Contractors, Inc.		(2) C. A. Hull Co., Inc.	
				Bid Price	Total	Bid Price	Total	Bid Price	Total
0019	2080042	150	Ft	\$50.00	\$7,500.00	\$15.00	\$2,250.00	\$30.00	\$4,500.00
	Erosion Control, Turbidity Curtain, Deep								
0020	2087001	611	Ft	\$3.00	\$1,833.00	\$3.00	\$1,833.00	\$4.50	\$2,749.50
	_ Erosion Control, Silt Fence, RCOC								
0021	2087011	66	Syd	\$20.00	\$1,320.00	\$16.00	\$1,056.00	\$20.00	\$1,320.00
	_ Liner, PVC, 30 mil, Spec								
0022	2087050	1	Ea	\$130.00	\$130.00	\$144.00	\$144.00	\$150.00	\$150.00
	_ Erosion Control, Inlet Protection, Fabric Drop, RCOC								
0023	3020051	3	Sta	\$1,290.00	\$3,870.00	\$2,220.00	\$6,660.00	\$2,500.00	\$7,500.00
	Aggregate Base, Conditioning								
0024	3027011	827	Syd	\$25.00	\$20,675.00	\$25.00	\$20,675.00	\$25.00	\$20,675.00
	_ Aggregate Base, 10 inch, 21AA, RCOC								
0025	3027011	775	Syd	\$15.00	\$11,625.00	\$13.00	\$10,075.00	\$13.00	\$10,075.00
	_ Aggregate Base, 4 inch, 21AA, RCOC								
0026	3027011	74	Syd	\$22.00	\$1,628.00	\$27.00	\$1,998.00	\$16.00	\$1,184.00
	_ Aggregate Base, 6 inch, 21AA, RCOC								
0027	3030030	20	Cyd	\$105.00	\$2,100.00	\$183.00	\$3,660.00	\$70.00	\$1,400.00
	Open-Graded Dr Cse, CIP								
0028	3060020	20	Ton	\$35.00	\$700.00	\$40.00	\$800.00	\$50.00	\$1,000.00
	Maintenance Gravel								
0029	3077011	51	Syd	\$25.00	\$1,275.00	\$21.00	\$1,071.00	\$20.00	\$1,020.00
	_ Shld, 21AA, 4.5 inch								
0030	3077031	30	Ton	\$20.00	\$600.00	\$80.00	\$2,400.00	\$35.00	\$1,050.00
	_ Approach, 21AA								
0031	3087011	130	Syd	\$7.00	\$910.00	\$6.00	\$780.00	\$4.00	\$520.00
	_ Geotextile, Separator, Non-Woven, RCOC								
0032	3087011	1,650	Syd	\$6.00	\$9,900.00	\$3.00	\$4,950.00	\$5.50	\$9,075.00
	_ Road Grade, Biaxial Geogrid, RCOC								
0033	4010047	1	Ea	\$1,000.00	\$1,000.00	\$1,150.00	\$1,150.00	\$750.00	\$750.00
	Culv End Sect, Conc, 12 inch								
0034	4010072	1	Ea	\$850.00	\$850.00	\$1,125.00	\$1,125.00	\$750.00	\$750.00
	Culv End Sect, Footing								

Line	Pay Item Code	Quantity	Units	(0) ENGINEER'S ESTIMATE		(1) Z Contractors, Inc.		(2) C. A. Hull Co., Inc.	
				Bid Price	Total	Bid Price	Total	Bid Price	Total
0035	4017001	69	Ft	\$90.00	\$6,210.00	\$140.00	\$9,660.00	\$45.00	\$3,105.00
	_ Culv, CI F, CSP, 12 inch, RCOC								
0036	4020987	90	Ft	\$80.00	\$7,200.00	\$140.00	\$12,600.00	\$50.00	\$4,500.00
	Sewer, CI IV, 12 inch, Tr Det B								
0037	4030040	1	Ea	\$700.00	\$700.00	\$930.00	\$930.00	\$1,200.00	\$1,200.00
	Dr Structure Cover, Type G								
0038	4030200	1	Ea	\$2,500.00	\$2,500.00	\$3,600.00	\$3,600.00	\$2,000.00	\$2,000.00
	Dr Structure, 24 inch dia								
0039	4040033	112	Ft	\$20.00	\$2,240.00	\$8.50	\$952.00	\$8.00	\$896.00
	Underdrain, Fdn, 6 inch								
0040	4040093	32	Ft	\$25.00	\$800.00	\$24.00	\$768.00	\$17.00	\$544.00
	Underdrain Outlet, 6 inch								
0041	4040113	4	Ea	\$300.00	\$1,200.00	\$215.00	\$860.00	\$300.00	\$1,200.00
	Underdrain, Outlet Ending, 6 inch								
0042	4067001	28	Ft	\$5,000.00	\$140,000.00	\$4,500.00	\$126,000.00	\$6,000.00	\$168,000.00
	_ Culv, Precast Three Sided or Arch, 23 Foot by 5 Foot								
0043	4067051	1	LSUM	\$20,000.00	\$20,000.00	\$5,000.00	\$5,000.00	\$2,500.00	\$2,500.00
	_ Box Culvert Joint Tie Assemblies								
0044	5010005	1,367	Syd	\$8.00	\$10,936.00	\$12.00	\$16,404.00	\$7.00	\$9,569.00
	HMA Surface, Rem								
0045	5012013	248	Ton	\$140.00	\$34,720.00	\$140.00	\$34,720.00	\$146.00	\$36,208.00
	HMA, 3EML								
0046	5012037	125	Ton	\$150.00	\$18,750.00	\$145.00	\$18,125.00	\$178.25	\$22,281.25
	HMA, 5EML								
0047	5017031	16	Ton	\$250.00	\$4,000.00	\$200.00	\$3,200.00	\$225.00	\$3,600.00
	_ HMA Approach (Residential)								
0048	5017051	1	LSUM	\$4,000.00	\$4,000.00	\$1.00	\$1.00	\$2,500.00	\$2,500.00
	_ Pavt,Cleaning, RCOC								
0049	7040007	1	LSUM	\$200,000.00	\$200,000.00	\$225,000.00	\$225,000.00	\$200,000.00	\$200,000.00
	Cofferdams (SN 14863)								
0050	7040009	1	LSUM	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00
	Cofferdams, Left in Place (SN 14863)								

Line	Pay Item Code	Description	Quantity	Units	(0) ENGINEER'S ESTIMATE		(1) Z Contractors, Inc.		(2) C. A. Hull Co., Inc.	
					Bid Price	Total	Bid Price	Total	Bid Price	Total
0051	7050002	Pile Driving Equipment, Furn (SN 14863)	1	LSUM	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$25,000.00	\$25,000.00
0052	7050030	Pile, Steel, Furn and Driven, 12 inch	2,340	Ft	\$45.00	\$105,300.00	\$50.00	\$117,000.00	\$50.00	\$117,000.00
0053	7050031	Test Pile, Steel, 12 inch	2	Ea	\$2,000.00	\$4,000.00	\$700.00	\$1,400.00	\$1,500.00	\$3,000.00
0054	7050039	Pile Point, Steel	32	Ea	\$175.00	\$5,600.00	\$143.00	\$4,576.00	\$165.00	\$5,280.00
0055	7050050	Pile, Steel, Splice	32	Ea	\$30.00	\$960.00	\$850.00	\$27,200.00	\$0.01	\$0.32
0056	7057051	_ Instrumentation and Monitoring (SN 14863)	1	LSUM	\$50,000.00	\$50,000.00	\$13,800.00	\$13,800.00	\$40,000.00	\$40,000.00
0057	7060092	Reinforcement, Steel, Epoxy Coated	13,071	Lb	\$3.00	\$39,213.00	\$2.00	\$26,142.00	\$2.00	\$26,142.00
0058	7060100	Substructure Conc	77	Cyd	\$900.00	\$69,300.00	\$825.00	\$63,525.00	\$750.00	\$57,750.00
0059	7060110	Superstructure Conc	21	Cyd	\$1,000.00	\$21,000.00	\$180.00	\$3,780.00	\$210.00	\$4,410.00
0060	7060111	Superstructure Conc, Form, Finish, and Cure (SN 14863)	1	LSUM	\$30,000.00	\$30,000.00	\$25,000.00	\$25,000.00	\$50,000.00	\$50,000.00
0061	7062000	Conc, Grade 3500, Subfooting	90	Cyd	\$450.00	\$40,500.00	\$285.00	\$25,650.00	\$400.00	\$36,000.00
0062	7067050	_ Bridge Name Plate	1	Ea	\$2,500.00	\$2,500.00	\$1,000.00	\$1,000.00	\$2,000.00	\$2,000.00
0063	7067051	_ Precast Wingwalls, Furn and Erect (SN 14863)	1	LSUM	\$200,000.00	\$200,000.00	\$145,000.00	\$145,000.00	\$140,000.00	\$140,000.00
0064	7100001	Joint Waterproofing	90	Sft	\$10.00	\$900.00	\$6.00	\$540.00	\$7.00	\$630.00
0065	7107011	_ Culvert Waterproofing Membrane	66	Syd	\$45.00	\$2,970.00	\$84.00	\$5,544.00	\$30.00	\$1,980.00
0066	7107011	_ Silane Treatment	100	Syd	\$3.00	\$300.00	\$45.00	\$4,500.00	\$40.00	\$4,000.00

Line	Pay Item Code	Quantity	Units	(0) ENGINEER'S ESTIMATE		(1) Z Contractors, Inc.		(2) C. A. Hull Co., Inc.	
				Bid Price	Total	Bid Price	Total	Bid Price	Total
0067	8020002	585	Ft	\$40.00	\$23,400.00	\$25.80	\$15,093.00	\$45.00	\$26,325.00
	Curb, Conc, Det E2								
0068	8022016	128	Ft	\$75.00	\$9,600.00	\$30.60	\$3,916.80	\$65.00	\$8,320.00
	Curb and Gutter, Bridge Approach, Det 5								
0069	8027001	64	Ft	\$115.00	\$7,360.00	\$81.25	\$5,200.00	\$100.00	\$6,400.00
	_ Spillway, Conc, RCOG								
0070	8070050	1	Ea	\$1,500.00	\$1,500.00	\$975.00	\$975.00	\$975.00	\$975.00
	Guardrail Departing Terminal, Type B								
0071	8070052	2	Ea	\$1,500.00	\$3,000.00	\$975.00	\$1,950.00	\$975.00	\$1,950.00
	Guardrail Departing Terminal, Type MGS								
0072	8070070	8	Ea	\$600.00	\$4,800.00	\$399.00	\$3,192.00	\$399.00	\$3,192.00
	Guardrail Post, Culv								
0073	8070080	14	Ea	\$15.00	\$210.00	\$12.00	\$168.00	\$12.00	\$168.00
	Guardrail Reflector								
0074	8070095	13	Ea	\$150.00	\$1,950.00	\$150.00	\$1,950.00	\$215.00	\$2,795.00
	Post, Mailbox								
0075	8072154	7	Ft	\$45.00	\$315.00	\$33.00	\$231.00	\$33.00	\$231.00
	Guardrail, Curved, Type B-CRT								
0076	8072179	221	Ft	\$25.00	\$5,525.00	\$23.35	\$5,160.35	\$23.35	\$5,160.35
	Guardrail, Type MGS-8, 72 inch Post								
0077	8077050	1	Ea	\$3,600.00	\$3,600.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00
	_ Guardrail Approach Terminal, Type 2M, MSKT								
0078	8100371	28	Ft	\$10.00	\$280.00	\$11.00	\$308.00	\$11.00	\$308.00
	Post, Steel, 3 pound								
0079	8100402	3	Ea	\$50.00	\$150.00	\$75.00	\$225.00	\$75.00	\$225.00
	Sign, Type III, Erect, Salv								
0080	8100403	5	Ea	\$10.00	\$50.00	\$10.00	\$50.00	\$10.00	\$50.00
	Sign, Type III, Rem								
0081	8100404	4	Sft	\$25.00	\$100.00	\$25.00	\$100.00	\$25.00	\$100.00
	Sign, Type IIIA								
0082	8102003	3	Ea	\$15.00	\$45.00	\$25.00	\$75.00	\$25.00	\$75.00
	Sign, Type III, Rem, Salv								

Line	Pay Item Code	Quantity	Units	(0) ENGINEER'S ESTIMATE		(1) Z Contractors, Inc.		(2) C. A. Hull Co., Inc.	
				Bid Price	Total	Bid Price	Total	Bid Price	Total
0083	8102010	8	Ea	\$10.00	\$80.00	\$10.00	\$80.00	\$10.00	\$80.00
	Ground Mtd Sign Support, Rem								
0084	8107050	5	Ea	\$80.00	\$400.00	\$50.00	\$250.00	\$50.00	\$250.00
	_ Post, Flexible, Delineator, RCOC								
0085	8120012	8	Ea	\$100.00	\$800.00	\$80.00	\$640.00	\$80.00	\$640.00
	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn								
0086	8120013	8	Ea	\$10.00	\$80.00	\$0.01	\$0.08	\$0.01	\$0.08
	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper								
0087	8120170	1	LSUM	\$60,800.00	\$60,800.00	\$16,000.00	\$16,000.00	\$115,000.00	\$115,000.00
	Minor Traf Devices								
0088	8120252	20	Ea	\$30.00	\$600.00	\$25.00	\$500.00	\$25.00	\$500.00
	Plastic Drum, Fluorescent, Furn								
0089	8120253	20	Ea	\$1.00	\$20.00	\$0.01	\$0.20	\$0.01	\$0.20
	Plastic Drum, Fluorescent, Oper								
0090	8120350	70	Sft	\$5.00	\$350.00	\$6.00	\$420.00	\$6.00	\$420.00
	Sign, Type B, Temp, Prismatic, Furn								
0091	8120351	70	Sft	\$1.00	\$70.00	\$0.01	\$0.70	\$0.01	\$0.70
	Sign, Type B, Temp, Prismatic, Oper								
0092	8120370	1	LSUM	\$30,400.00	\$30,400.00	\$1.00	\$1.00	\$0.01	\$0.01
	Traf Regulator Control								
0093	8137011	4	Syd	\$100.00	\$400.00	\$180.00	\$720.00	\$150.00	\$600.00
	_ Ditch, Plain Cobble, RCOC								
0094	8137011	4	Syd	\$120.00	\$480.00	\$155.00	\$620.00	\$250.00	\$1,000.00
	_ Riprap, Plain, RCOC								
0095	8137031	60	Ton	\$100.00	\$6,000.00	\$125.00	\$7,500.00	\$200.00	\$12,000.00
	_ Riprap, Plain, RCOC								
0096	8167011	130	Syd	\$15.00	\$1,950.00	\$23.00	\$2,990.00	\$20.00	\$2,600.00
	_ Turf Establishment, ES Seed, Spec Mulch, Performance, RCOC								
0097	8167011	680	Syd	\$15.00	\$10,200.00	\$11.00	\$7,480.00	\$10.00	\$6,800.00
	_ Turf Establishment, THM Seed, Spec Mulch, Performance, RCOC								

Line	Pay Item Code	Quantity	Units	(0) ENGINEER'S ESTIMATE		(1) Z Contractors, Inc.		(2) C. A. Hull Co., Inc.	
				Bid Price	Total	Bid Price	Total	Bid Price	Total
0098	8507050	2	Ea	\$1,500.00	\$3,000.00	\$800.00	\$1,600.00	\$1,500.00	\$3,000.00
_ Audio-Visual Construction Area Survey									
<b>Bid Totals:</b>					<b>\$1,776,750.00</b>		<b>\$1,608,965.13</b>		<b>\$1,708,899.41</b>

Line	Pay Item Code	Quantity	Units	(3) Trojan Development Company, Inc.		(4) Dan's Excavating, Inc.		Bid Price	Total
				Bid Price	Total	Bid Price	Total		
0001	1100001 Mobilization, Max 161600	1	LSUM	\$161,600.00	\$161,600.00	\$161,600.00	\$161,600.00		\$0.00
0002	2017011 _ Grubbing, RCOC	525	Syd	\$5.50	\$2,887.50	\$10.00	\$5,250.00		\$0.00
0003	2020006 Stump, Rem, 19 inch to 36 inch	1	Ea	\$750.00	\$750.00	\$550.00	\$550.00		\$0.00
0004	2020008 Stump, Rem, 6 inch to 18 inch	2	Ea	\$500.00	\$1,000.00	\$175.00	\$350.00		\$0.00
0005	2030001 Culv, Rem, Less than 24 inch	1	Ea	\$1,000.00	\$1,000.00	\$509.97	\$509.97		\$0.00
0006	2030003 Culv, Rem, Over 48 inch	2	Ea	\$7,500.00	\$15,000.00	\$17,793.10	\$35,586.20		\$0.00
0007	2040035 Guardrail, Rem	177	Ft	\$6.00	\$1,062.00	\$5.00	\$885.00		\$0.00
0008	2040060 Structures, Rem (SN 14249)	1	LSUM	\$75,000.00	\$75,000.00	\$141,000.00	\$141,000.00		\$0.00
0009	2050010 Embankment, CIP	314	Cyd	\$19.00	\$5,966.00	\$23.98	\$7,529.72		\$0.00
0010	2050015 Excavation, Channel	35	Cyd	\$50.00	\$1,750.00	\$43.97	\$1,538.95		\$0.00
0011	2050016 Excavation, Earth	770	Cyd	\$35.00	\$26,950.00	\$25.77	\$19,842.90		\$0.00
0012	2050148 Flowable Fill, Non-Structural	20	Cyd	\$350.00	\$7,000.00	\$343.44	\$6,868.80		\$0.00
0013	2057011 _ Excavation, Earth, RCOC	134	Syd	\$15.00	\$2,010.00	\$21.75	\$2,914.50		\$0.00
0014	2057021 _ Subgrade Undercutting, 21AA	540	Cyd	\$75.00	\$40,500.00	\$63.90	\$34,506.00		\$0.00
0015	2057021 _ Subgrade Undercutting, Type 3 by 1	225	Cyd	\$80.00	\$18,000.00	\$66.02	\$14,854.50		\$0.00
0016	2060002 Backfill, Structure, CIP	315	Cyd	\$45.00	\$14,175.00	\$35.32	\$11,125.80		\$0.00

Line	Pay Item Code	Quantity	Units	(3) Trojan Development Company, Inc.		(4) Dan's Excavating, Inc.		Bid Price	Total
				Bid Price	Total	Bid Price	Total		
0017	2060010	555	Cyd	\$35.00	\$19,425.00	\$26.99	\$14,979.45		\$0.00
	Excavation, Fdn								
0018	2080014	4	Ea	\$500.00	\$2,000.00	\$259.52	\$1,038.08		\$0.00
	Erosion Control, Filter Bag								
0019	2080042	150	Ft	\$25.00	\$3,750.00	\$35.10	\$5,265.00		\$0.00
	Erosion Control, Turbidity Curtain, Deep								
0020	2087001	611	Ft	\$3.00	\$1,833.00	\$3.10	\$1,894.10		\$0.00
	_ Erosion Control, Silt Fence, RCOC								
0021	2087011	66	Syd	\$20.00	\$1,320.00	\$21.40	\$1,412.40		\$0.00
	_ Liner, PVC, 30 mil, Spec								
0022	2087050	1	Ea	\$500.00	\$500.00	\$143.97	\$143.97		\$0.00
	_ Erosion Control, Inlet Protection, Fabric Drop, RCOC								
0023	3020051	3	Sta	\$1,000.00	\$3,000.00	\$2,267.76	\$6,803.28		\$0.00
	Aggregate Base, Conditioning								
0024	3027011	827	Syd	\$25.00	\$20,675.00	\$22.96	\$18,987.92		\$0.00
	_ Aggregate Base, 10 inch, 21AA, RCOC								
0025	3027011	775	Syd	\$15.00	\$11,625.00	\$13.08	\$10,137.00		\$0.00
	_ Aggregate Base, 4 inch, 21AA, RCOC								
0026	3027011	74	Syd	\$18.00	\$1,332.00	\$20.56	\$1,521.44		\$0.00
	_ Aggregate Base, 6 inch, 21AA, RCOC								
0027	3030030	20	Cyd	\$100.00	\$2,000.00	\$101.50	\$2,030.00		\$0.00
	Open-Graded Dr Cse, CIP								
0028	3060020	20	Ton	\$50.00	\$1,000.00	\$27.85	\$557.00		\$0.00
	Maintenance Gravel								
0029	3077011	51	Syd	\$20.00	\$1,020.00	\$23.42	\$1,194.42		\$0.00
	_ Shld, 21AA, 4.5 inch								
0030	3077031	30	Ton	\$65.00	\$1,950.00	\$59.75	\$1,792.50		\$0.00
	_ Approach, 21AA								
0031	3087011	130	Syd	\$6.00	\$780.00	\$7.13	\$926.90		\$0.00
	_ Geotextile, Separator, Non-Woven, RCOC								
0032	3087011	1,650	Syd	\$4.00	\$6,600.00	\$4.92	\$8,118.00		\$0.00
	_ Road Grade, Biaxial Geogrid, RCOC								

Line	Pay Item Code	Description	Quantity	Units	(3) Trojan Development Company, Inc.		(4) Dan's Excavating, Inc.			
					Bid Price	Total	Bid Price	Total	Bid Price	Total
0033	4010047	Culv End Sect, Conc, 12 inch	1	Ea	\$1,200.00	\$1,200.00	\$1,441.32	\$1,441.32		\$0.00
0034	4010072	Culv End Sect, Footing	1	Ea	\$1,200.00	\$1,200.00	\$979.91	\$979.91		\$0.00
0035	4017001	_ Culv, CI F, CSP, 12 inch, RCOC	69	Ft	\$60.00	\$4,140.00	\$102.34	\$7,061.46		\$0.00
0036	4020987	Sewer, CI IV, 12 inch, Tr Det B	90	Ft	\$115.00	\$10,350.00	\$101.02	\$9,091.80		\$0.00
0037	4030040	Dr Structure Cover, Type G	1	Ea	\$950.00	\$950.00	\$642.69	\$642.69		\$0.00
0038	4030200	Dr Structure, 24 inch dia	1	Ea	\$2,500.00	\$2,500.00	\$2,095.57	\$2,095.57		\$0.00
0039	4040033	Underdrain, Fdn, 6 inch	112	Ft	\$15.00	\$1,680.00	\$26.79	\$3,000.48		\$0.00
0040	4040093	Underdrain Outlet, 6 inch	32	Ft	\$25.00	\$800.00	\$36.35	\$1,163.20		\$0.00
0041	4040113	Underdrain, Outlet Ending, 6 inch	4	Ea	\$300.00	\$1,200.00	\$423.64	\$1,694.56		\$0.00
0042	4067001	_ Culv, Precast Three Sided or Arch, 23 Foot by 5 Foot	28	Ft	\$6,000.00	\$168,000.00	\$14,250.00	\$399,000.00		\$0.00
0043	4067051	_ Box Culvert Joint Tie Assemblies	1	LSUM	\$7,500.00	\$7,500.00	\$11,388.00	\$11,388.00		\$0.00
0044	5010005	HMA Surface, Rem	1,367	Syd	\$12.00	\$16,404.00	\$6.97	\$9,527.99		\$0.00
0045	5012013	HMA, 3EML	248	Ton	\$180.00	\$44,640.00	\$136.00	\$33,728.00		\$0.00
0046	5012037	HMA, 5EML	125	Ton	\$180.00	\$22,500.00	\$151.00	\$18,875.00		\$0.00
0047	5017031	_ HMA Approach (Residential)	16	Ton	\$250.00	\$4,000.00	\$235.00	\$3,760.00		\$0.00
0048	5017051	_ Pavt,Cleaning, RCOC	1	LSUM	\$5,000.00	\$5,000.00	\$1,200.00	\$1,200.00		\$0.00

Line	Pay Item Code	Quantity	Units	(3) Trojan Development Company, Inc.		(4) Dan's Excavating, Inc.		Bid Price	Total
				Bid Price	Total	Bid Price	Total		
0049	7040007 Cofferdams (SN 14863)	1	LSUM	\$225,000.00	\$225,000.00	\$278,816.50	\$278,816.50		\$0.00
0050	7040009 Cofferdams, Left in Place (SN 14863)	1	LSUM	\$110,000.00	\$110,000.00	\$117,726.36	\$117,726.36		\$0.00
0051	7050002 Pile Driving Equipment, Furn (SN 14863)	1	LSUM	\$125,000.00	\$125,000.00	\$70,000.00	\$70,000.00		\$0.00
0052	7050030 Pile, Steel, Furn and Driven, 12 inch	2,340	Ft	\$45.00	\$105,300.00	\$57.08	\$133,567.20		\$0.00
0053	7050031 Test Pile, Steel, 12 inch	2	Ea	\$2,000.00	\$4,000.00	\$1,300.00	\$2,600.00		\$0.00
0054	7050039 Pile Point, Steel	32	Ea	\$400.00	\$12,800.00	\$164.30	\$5,257.60		\$0.00
0055	7050050 Pile, Steel, Splice	32	Ea	\$0.01	\$0.32	\$0.01	\$0.32		\$0.00
0056	7057051 _ Instrumentation and Monitoring (SN 14863)	1	LSUM	\$35,000.00	\$35,000.00	\$14,000.00	\$14,000.00		\$0.00
0057	7060092 Reinforcement, Steel, Epoxy Coated	13,071	Lb	\$3.50	\$45,748.50	\$1.64	\$21,436.44		\$0.00
0058	7060100 Substructure Conc	77	Cyd	\$700.00	\$53,900.00	\$765.59	\$58,950.43		\$0.00
0059	7060110 Superstructure Conc	21	Cyd	\$650.00	\$13,650.00	\$262.28	\$5,507.88		\$0.00
0060	7060111 Superstructure Conc, Form, Finish, and Cure (SN 14863)	1	LSUM	\$60,000.00	\$60,000.00	\$83,000.00	\$83,000.00		\$0.00
0061	7062000 Conc, Grade 3500, Subfooting	90	Cyd	\$450.00	\$40,500.00	\$392.62	\$35,335.80		\$0.00
0062	7067050 _ Bridge Name Plate	1	Ea	\$1,500.00	\$1,500.00	\$1,269.48	\$1,269.48		\$0.00
0063	7067051 _ Precast Wingwalls, Furn and Erect (SN 14863)	1	LSUM	\$130,000.00	\$130,000.00	\$156,814.77	\$156,814.77		\$0.00
0064	7100001 Joint Waterproofing	90	Sft	\$15.00	\$1,350.00	\$4.42	\$397.80		\$0.00

Line	Pay Item Code	Quantity	Units	(3) Trojan Development Company, Inc.		(4) Dan's Excavating, Inc.		Bid Price	Total
				Bid Price	Total	Bid Price	Total		
0065	7107011	66	Syd	\$50.00	\$3,300.00	\$22.38	\$1,477.08		\$0.00
	_ Culvert Waterproofing Membrane								
0066	7107011	100	Syd	\$6.00	\$600.00	\$58.00	\$5,800.00		\$0.00
	_ Silane Treatment								
0067	8020002	585	Ft	\$37.00	\$21,645.00	\$25.80	\$15,093.00		\$0.00
	Curb, Conc, Det E2								
0068	8022016	128	Ft	\$80.00	\$10,240.00	\$30.60	\$3,916.80		\$0.00
	Curb and Gutter, Bridge Approach, Det 5								
0069	8027001	64	Ft	\$200.00	\$12,800.00	\$81.25	\$5,200.00		\$0.00
	_ Spillway, Conc, RCOC								
0070	8070050	1	Ea	\$975.00	\$975.00	\$1,000.00	\$1,000.00		\$0.00
	Guardrail Departing Terminal, Type B								
0071	8070052	2	Ea	\$975.00	\$1,950.00	\$1,000.00	\$2,000.00		\$0.00
	Guardrail Departing Terminal, Type MGS								
0072	8070070	8	Ea	\$399.00	\$3,192.00	\$900.00	\$7,200.00		\$0.00
	Guardrail Post, Culv								
0073	8070080	14	Ea	\$12.00	\$168.00	\$10.00	\$140.00		\$0.00
	Guardrail Reflector								
0074	8070095	13	Ea	\$300.00	\$3,900.00	\$249.34	\$3,241.42		\$0.00
	Post, Mailbox								
0075	8072154	7	Ft	\$33.00	\$231.00	\$33.00	\$231.00		\$0.00
	Guardrail, Curved, Type B-CRT								
0076	8072179	221	Ft	\$23.35	\$5,160.35	\$30.00	\$6,630.00		\$0.00
	Guardrail, Type MGS-8, 72 inch Post								
0077	8077050	1	Ea	\$2,500.00	\$2,500.00	\$3,600.00	\$3,600.00		\$0.00
	_ Guardrail Approach Terminal, Type 2M, MSKT								
0078	8100371	28	Ft	\$15.00	\$420.00	\$11.00	\$308.00		\$0.00
	Post, Steel, 3 pound								
0079	8100402	3	Ea	\$75.00	\$225.00	\$75.00	\$225.00		\$0.00
	Sign, Type III, Erect, Salv								
0080	8100403	5	Ea	\$25.00	\$125.00	\$10.00	\$50.00		\$0.00
	Sign, Type III, Rem								

Line	Pay Item Code	Quantity	Units	(3) Trojan Development Company, Inc.		(4) Dan's Excavating, Inc.			
				Bid Price	Total	Bid Price	Total	Bid Price	Total
0081	8100404 Sign, Type IIIA	4	Sft	\$75.00	\$300.00	\$25.00	\$100.00		\$0.00
0082	8102003 Sign, Type III, Rem, Salv	3	Ea	\$75.00	\$225.00	\$25.00	\$75.00		\$0.00
0083	8102010 Ground Mtd Sign Support, Rem	8	Ea	\$50.00	\$400.00	\$10.00	\$80.00		\$0.00
0084	8107050 _ Post, Flexible, Delineator, RCOC	5	Ea	\$115.00	\$575.00	\$50.00	\$250.00		\$0.00
0085	8120012 Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8	Ea	\$100.00	\$800.00	\$80.00	\$640.00		\$0.00
0086	8120013 Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8	Ea	\$0.01	\$0.08	\$0.01	\$0.08		\$0.00
0087	8120170 Minor Traf Devices	1	LSUM	\$75,000.00	\$75,000.00	\$0.03	\$0.03		\$0.00
0088	8120252 Plastic Drum, Fluorescent, Furn	20	Ea	\$25.00	\$500.00	\$25.00	\$500.00		\$0.00
0089	8120253 Plastic Drum, Fluorescent, Oper	20	Ea	\$0.01	\$0.20	\$0.01	\$0.20		\$0.00
0090	8120350 Sign, Type B, Temp, Prismatic, Furn	70	Sft	\$7.50	\$525.00	\$6.00	\$420.00		\$0.00
0091	8120351 Sign, Type B, Temp, Prismatic, Oper	70	Sft	\$0.01	\$0.70	\$0.01	\$0.70		\$0.00
0092	8120370 Traf Regulator Control	1	LSUM	\$15,000.00	\$15,000.00	\$0.01	\$0.01		\$0.00
0093	8137011 _ Ditch, Plain Cobble, RCOC	4	Syd	\$200.00	\$800.00	\$188.29	\$753.16		\$0.00
0094	8137011 _ Riprap, Plain, RCOC	4	Syd	\$175.00	\$700.00	\$82.09	\$328.36		\$0.00
0095	8137031 _ Riprap, Plain, RCOC	60	Ton	\$150.00	\$9,000.00	\$82.08	\$4,924.80		\$0.00

Line	Pay Item Code	Quantity	Units	(3) Trojan Development Company, Inc.		(4) Dan's Excavating, Inc.		Bid Price	Total
				Bid Price	Total	Bid Price	Total		
0096	8167011	130	Syd	\$11.00	\$1,430.00	\$17.76	\$2,308.80		\$0.00
_ Turf Establishment, ES Seed, Spec Mulch, Performance, RCOC									
0097	8167011	680	Syd	\$11.00	\$7,480.00	\$9.44	\$6,419.20		\$0.00
_ Turf Establishment, THM Seed, Spec Mulch, Performance, RCOC									
0098	8507050	2	Ea	\$1,500.00	\$3,000.00	\$1,500.00	\$3,000.00		\$0.00
_ Audio-Visual Construction Area Survey									
<b>Bid Totals:</b>					<b>\$1,892,440.65</b>		<b>\$2,086,957.00</b>		