

**SPECIFICATION NO. 2757**  
 2014-2016 SITE IMPROVEMENTS  
 PROJ. CONST. MGR: PETER OUK

ENGINEERING ESTIMATE: \$44,182,800  
 ADVERTISED DATE: AUGUST 23, 2013  
 BID OPENING: OCTOBER 2, 2013

	GRAND TOTAL		ITEM 1		ITEM 2			
	BID ITEM 1 - 121		REQUIRED BONDS AND INSURANCE		ASPHALT CONCRETE PAVEMENT (LESS THAN OR EQUAL TO 25 TONS PER ORDER) Tons Approx. Qty. = 11500			
ENGINEERING ESTIMATE	\$	44,182,800.00	\$	450,000.00	\$	95.00	\$	1,092,500.00
1) SHAWMAN	\$	28,225,250.00	\$	125,000.00	\$	118.00	\$	1,357,000.00
2) GRIFFITH COMPANY	\$	35,991,925.00	\$	168,000.00	\$	75.00	\$	862,500.00
3) SULLY-MILLER CONTRACTING	\$	37,925,550.00	\$	100,000.00	\$	81.00	\$	931,500.00
4) EXCEL PAVING	\$	40,679,950.00	\$	500,000.00	\$	110.00	\$	1,265,000.00
5) ALL AMERICAN ASPHALT	\$	47,004,900.00	\$	377,000.00	\$	124.00	\$	1,426,000.00
1) AVERAGE BID	\$	37,965,515.00	\$	254,000.00	\$	101.60	\$	1,168,400.00
2) STANDARD DEVIATION	\$	6,852,883.62	\$	175,640.26	\$	22.21	\$	255,419.12
3) ENG. EST. - LOW BIDDER	\$	15,957,550.00	\$	325,000.00	\$	(23.00)	\$	(264,500.00)

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	ITEM 3		ITEM 4			
	ASPHALT CONCRETE PAVING (GREATER THAN 250 TONS AND LESS THAN 1,000 TONS PER ORDER) Tons Approx. Qty. = 16500		ASPHALT CONCRETE PAVEMENT (1,000 TONS OR GREATER AND LESS THAN 10,000 TONS PER ORDER) Tons Approx. Qty. = 11500			
ENGINEERING ESTIMATE	\$ 92.00	\$	\$ 1,518,000.00	\$ 90.00	\$	\$ 1,035,000.00
1) SHAWNNAN	\$ 109.00	\$	1,798,500.00	\$ 97.00	\$	1,115,500.00
2) GRIFFITH COMPANY	\$ 85.00	\$	1,402,500.00	\$ 85.00	\$	977,500.00
3) SULLY-MILLER CONTRACTING	\$ 75.00	\$	1,237,500.00	\$ 78.00	\$	897,000.00
4) EXCEL PAVING	\$ 100.00	\$	1,650,000.00	\$ 90.00	\$	1,035,000.00
5) ALL AMERICAN ASPHALT	\$ 105.00	\$	1,732,500.00	\$ 92.00	\$	1,058,000.00

1) AVERAGE BID	\$ 94.80	\$	1,564,200.00	\$ 88.40	\$	1,016,600.00
2) STANDARD DEVIATION	\$ 14.32	\$	236,359.26	\$ 7.23	\$	83,166.55
3) ENG. EST. - LOW BIDDER	\$ (17.00)	\$	(280,500.00)	\$ (7.00)	\$	(80,500.00)

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	ITEM 5		ITEM 6	
	ASPHALT CONCRETE PAVEMENT ON SLOPES	ASPHALT CONCRETE PAVEMENT BETWEEN RAILROAD TRACKS		
	Tons Approx. Qty. = 500		Tons Approx. Qty. = 1000	
ENGINEERING ESTIMATE	\$ 120.00	\$ 60,000.00	\$ 120.00	\$ 120,000.00
1) SHAWWAN	\$ 93.00	\$ 46,500.00	\$ 99.00	\$ 99,000.00
2) GRIFFITH COMPANY	\$ 107.00	\$ 53,500.00	\$ 85.00	\$ 85,000.00
3) SULLY-MILLER CONTRACTING	\$ 100.00	\$ 50,000.00	\$ 110.00	\$ 110,000.00
4) EXCEL PAVING	\$ 110.00	\$ 55,000.00	\$ 100.00	\$ 100,000.00
5) ALL AMERICAN ASPHALT	\$ 148.00	\$ 74,000.00	\$ 148.00	\$ 148,000.00
1) AVERAGE BID	\$ 111.60	\$ 55,800.00	\$ 108.40	\$ 108,400.00
2) STANDARD DEVIATION	\$ 21.38	\$ 10,692.29	\$ 23.86	\$ 23,860.01
3) ENG. EST. - LOW BIDDER	\$ 27.00	\$ 13,500.00	\$ 21.00	\$ 21,000.00

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	ITEM 7		ITEM 8	
	MOVE-IN AND MOVE-OUT PAVING MACHINE		CONCRETE SIDEWALK	
	Move-In/Move-Out Approx. No. =	50	Sq. Ft. Approx. Qty. =	10000
ENGINEERING ESTIMATE	\$ 1,200.00	\$ 60,000.00	\$ 8.00	\$ 80,000.00
1) SHAWWAN	\$ 300.00	\$ 15,000.00	\$ 5.00	\$ 50,000.00
2) GRIFFITH COMPANY	\$ 400.00	\$ 20,000.00	\$ 6.25	\$ 62,500.00
3) SULLY-MILLER CONTRACTING	\$ 100.00	\$ 5,000.00	\$ 9.00	\$ 90,000.00
4) EXCEL PAVING	\$ 2,000.00	\$ 100,000.00	\$ 7.00	\$ 70,000.00
5) ALL AMERICAN ASPHALT	\$ 1,670.00	\$ 83,500.00	\$ 6.80	\$ 68,000.00
1) AVERAGE BID	\$ 894.00	\$ 44,700.00	\$ 6.81	\$ 68,100.00
2) STANDARD DEVIATION	\$ 873.60	\$ 43,680.09	\$ 1.45	\$ 14,510.34
3) ENG. EST. - LOW BIDDER	\$ 900.00	\$ 45,000.00	\$ 3.00	\$ 30,000.00

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	ITEM 9 INTEGRAL CURB AND GUTTER (APPENDIX "D" - STANDARD PLANS)		ITEM 10 CONCRETE GUTTER (APPENDIX "C" - STANDARD PLANS)	
	Lin. Ft. Approx. Qty. =	500	Lin. Ft. Approx. Qty. =	500
ENGINEERING ESTIMATE	\$ 32.00	\$ 16,000.00	\$ 30.00	\$ 15,000.00
1) SHAWWANAN	\$ 30.00	\$ 15,000.00	\$ 35.00	\$ 17,500.00
2) GRIFFITH COMPANY	\$ 30.00	\$ 15,000.00	\$ 31.00	\$ 15,500.00
3) SULLY-MILLER CONTRACTING	\$ 60.00	\$ 30,000.00	\$ 25.00	\$ 12,500.00
4) EXCEL PAVING	\$ 50.00	\$ 25,000.00	\$ 50.00	\$ 25,000.00
5) ALL AMERICAN ASPHALT	\$ 25.40	\$ 12,700.00	\$ 20.70	\$ 10,350.00
1) AVERAGE BID	\$ 39.08	\$ 19,540.00	\$ 32.34	\$ 16,170.00
2) STANDARD DEVIATION	\$ 15.07	\$ 7,537.11	\$ 11.29	\$ 5,646.41
3) ENG. EST. - LOW BIDDER	\$ 2.00	\$ 1,000.00	\$ (5.00)	\$ (2,500.00)

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	ITEM 11		ITEM 12	
	FURNISH ASPHALT CONCRETE		COLD PLANING	
	Tons Approx. No. =	2500	Sq. Yd.-In. Approx. Qty. =	600000
ENGINEERING ESTIMATE	\$ 65.00	\$ 162,500.00	\$ 0.65	\$ 390,000.00
1) SHAWMAN	\$ 37.00	\$ 92,500.00	\$ 0.50	\$ 300,000.00
2) GRIFFITH COMPANY	\$ 60.00	\$ 150,000.00	\$ 0.80	\$ 480,000.00
3) SULLY-MILLER CONTRACTING	\$ 70.00	\$ 175,000.00	\$ 0.45	\$ 270,000.00
4) EXCEL PAVING	\$ 63.00	\$ 157,500.00	\$ 1.00	\$ 600,000.00
5) ALL AMERICAN ASPHALT	\$ 67.00	\$ 167,500.00	\$ 1.02	\$ 612,000.00
1) AVERAGE BID	\$ 59.40	\$ 148,500.00	\$ 0.75	\$ 452,400.00
2) STANDARD DEVIATION	\$ 13.09	\$ 32,720.41	\$ 0.27	\$ 161,644.05
3) ENG. EST. - LOW BIDDER	\$ 28.00	\$ 70,000.00	\$ 0.15	\$ 90,000.00

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	ITEM 13		ITEM 14		
	MOVE-IN AND MOVE-OUT COLD PLANING EQUIPMENT		MINI COLD PLANING		
	Move-In/Move-Out	Approx. Qty. =	50	Sq. Yd.-In. Approx. Qty. =	135000
ENGINEERING ESTIMATE	\$ 750.00	\$	37,500.00	\$ 3.00	\$ 405,000.00
1) SHAWMAN	\$ 100.00	\$	5,000.00	\$ 1.00	\$ 135,000.00
2) GRIFFITH COMPANY	\$ 170.00	\$	8,500.00	\$ 2.45	\$ 330,750.00
3) SULLY-MILLER CONTRACTING	\$ 75.00	\$	3,750.00	\$ 1.50	\$ 202,500.00
4) EXCEL PAVING	\$ 2,500.00	\$	125,000.00	\$ 1.20	\$ 162,000.00
5) ALL AMERICAN ASPHALT	\$ 1,670.00	\$	83,500.00	\$ 1.38	\$ 186,300.00
1) AVERAGE BID	\$ 903.00	\$	45,150.00	\$ 1.51	\$ 203,310.00
2) STANDARD DEVIATION	\$ 1,118.75	\$	55,937.35	\$ 0.56	\$ 75,669.88
3) ENG. EST. - LOW BIDDER	\$ 650.00	\$	32,500.00	\$ 2.00	\$ 270,000.00

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	ITEM 15		ITEM 16	
	MOVE-IN AND MOVE OUT MINI COLD PLANING EQUIPMENT		SLURRY SEAL	
	Move-In/Move-Out Approx. Qty. =	50	Sq. Yds. Approx. Qty. =	20000
ENGINEERING ESTIMATE	\$ 750.00	\$ 37,500.00	\$ 2.50	\$ 50,000.00
1) SHAWNAN	\$ 100.00	\$ 5,000.00	\$ 2.00	\$ 40,000.00
2) GRIFFITH COMPANY	\$ 50.00	\$ 2,500.00	\$ 3.00	\$ 60,000.00
3) SULLY-MILLER CONTRACTING	\$ 50.00	\$ 2,500.00	\$ 3.00	\$ 60,000.00
4) EXCEL PAVING	\$ 1,000.00	\$ 50,000.00	\$ 7.50	\$ 150,000.00
5) ALL AMERICAN ASPHALT	\$ 1,110.00	\$ 55,500.00	\$ 2.50	\$ 50,000.00
1) AVERAGE BID	\$ 462.00	\$ 23,100.00	\$ 3.60	\$ 72,000.00
2) STANDARD DEVIATION	\$ 543.11	\$ 27,155.57	\$ 2.22	\$ 44,384.68
3) ENG. EST. - LOW BIDDER	\$ 650.00	\$ 32,500.00	\$ 0.50	\$ 10,000.00

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	ITEM 17		ITEM 18	
	DEPARTMENT-FURNISHED CRUSHED MISCELLANEOUS BASE (LESS THAN OR EQUAL TO 250 CUBIC YARDS PER ORDER) Cu. Yds. Approx. Qty. = 3000		DEPARTMENT-FURNISHED CRUSHED MISCELLANEOUS BASE (GREATER THAN 250 CUBIC YARDS PER ORDER) Cu. Yds. Approx. Qty. = 20000	
ENGINEERING ESTIMATE	\$ 30.00	\$ 90,000.00	\$ 25.00	\$ 500,000.00
1) SHAWWAN	\$ 35.00	\$ 105,000.00	\$ 35.00	\$ 700,000.00
2) GRIFFITH COMPANY	\$ 28.60	\$ 85,800.00	\$ 18.16	\$ 363,200.00
3) SULLY-MILLER CONTRACTING	\$ 35.00	\$ 105,000.00	\$ 18.00	\$ 360,000.00
4) EXCEL PAVING	\$ 40.00	\$ 120,000.00	\$ 25.00	\$ 500,000.00
5) ALL AMERICAN ASPHALT	\$ 40.00	\$ 120,000.00	\$ 16.70	\$ 334,000.00
1) AVERAGE BID	\$ 35.72	\$ 107,160.00	\$ 22.57	\$ 451,440.00
2) STANDARD DEVIATION	\$ 4.70	\$ 14,100.64	\$ 7.67	\$ 153,362.21
3) ENG. EST. - LOW BIDDER	\$ (5.00)	\$ (15,000.00)	\$ (10.00)	\$ (200,000.00)

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	ITEM 19		ITEM 20	
	CONTRACTOR-FURNISHED CRUSHED MISCELLANEOUS BASE (LESS THAN OR EQUAL TO 250 CUBIC YARDS PER ORDER) Cu. Yds. Approx. Qty. = 250		CONTRACTOR-FURNISHED CRUSHED MISCELLANEOUS BASE (GREATER THAN 250 CUBIC YARDS PER ORDER) Cu. Yds. Approx. Qty. = 1000	
ENGINEERING ESTIMATE	\$ 58.00	\$ 14,500.00	\$ 35.00	\$ 35,000.00
1) SHAWWANAN	\$ 48.00	\$ 12,000.00	\$ 45.00	\$ 45,000.00
2) GRIFFITH COMPANY	\$ 34.70	\$ 8,675.00	\$ 22.00	\$ 22,000.00
3) SULLY-MILLER CONTRACTING	\$ 70.00	\$ 17,500.00	\$ 52.00	\$ 52,000.00
4) EXCEL PAVING	\$ 50.00	\$ 12,500.00	\$ 40.00	\$ 40,000.00
5) ALL AMERICAN ASPHALT	\$ 51.00	\$ 12,750.00	\$ 31.00	\$ 31,000.00
1) AVERAGE BID	\$ 50.74	\$ 12,685.00	\$ 38.00	\$ 38,000.00
2) STANDARD DEVIATION	\$ 12.61	\$ 3,153.25	\$ 11.77	\$ 11,768.60
3) ENG. EST. - LOW BIDDER	\$ 10.00	\$ 2,500.00	\$ (10.00)	\$ (10,000.00)

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	ITEM 21		ITEM 22	
	EXCAVATE AND DISPOSE SOIL MATERIAL (LESS THAN OR EQUAL TO 1,000 CUBIC YARDS PER ORDER)		EXCAVATE AND DISPOSE SOIL MATERIAL (GREATER THAN 1,000 CUBIC YARDS PER ORDER)	
	Cu. Yds. Approx. Qty. = 10000		Cu. Yd. Approx. Qty. = 10000	
ENGINEERING ESTIMATE	\$ 20.00	\$ 200,000.00	\$ 18.00	\$ 180,000.00
1) SHAWMAN	\$ 10.00	\$ 100,000.00	\$ 27.50	\$ 275,000.00
2) GRIFFITH COMPANY	\$ 13.00	\$ 130,000.00	\$ 13.00	\$ 130,000.00
3) SULLY-MILLER CONTRACTING	\$ 17.00	\$ 170,000.00	\$ 15.00	\$ 150,000.00
4) EXCEL PAVING	\$ 25.00	\$ 250,000.00	\$ 25.00	\$ 250,000.00
5) ALL AMERICAN ASPHALT	\$ 44.00	\$ 440,000.00	\$ 32.00	\$ 320,000.00
1) AVERAGE BID	\$ 21.80	\$ 218,000.00	\$ 22.50	\$ 225,000.00
2) STANDARD DEVIATION	\$ 13.63	\$ 136,271.79	\$ 8.19	\$ 81,853.53
3) ENG. EST. - LOW BIDDER	\$ 10.00	\$ 100,000.00	\$ (9.50)	\$ (95,000.00)

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	ITEM 23		ITEM 24	
	DEMOLISH AND DISPOSE OF PAVEMENT 2 INCHES TO 6 INCHES THICK OFF DEPARTMENT PROPERTY		DEMOLISH, REMOVE, AND DELIVER TO DEPARTMENT STOCKPILE SITE PAVEMENT 2 INCHES TO 6 INCHES THICK	
	Cu. Yds. Approx.	Qty. =	Cu. Yds. Approx.	Qty. =
ENGINEERING ESTIMATE	\$ 40.00	\$	\$ 35.00	\$ 350,000.00
1) SHAWMAN	\$ 8.00	\$	\$ 8.00	\$ 80,000.00
2) GRIFFITH COMPANY	\$ 45.00	\$	\$ 26.00	\$ 260,000.00
3) SULLY-MILLER CONTRACTING	\$ 40.00	\$	\$ 38.00	\$ 380,000.00
4) EXCEL PAVING	\$ 40.00	\$	\$ 45.00	\$ 450,000.00
5) ALL AMERICAN ASPHALT	\$ 62.00	\$	\$ 49.00	\$ 490,000.00
1) AVERAGE BID	\$ 39.00	\$	\$ 33.20	\$ 332,000.00
2) STANDARD DEVIATION	\$ 19.54	\$	\$ 16.57	\$ 165,740.76
3) ENG. EST. - LOW BIDDER	\$ 32.00	\$	\$ 27.00	\$ 270,000.00

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	ITEM 25				ITEM 26			
	DEMOLISH & DISPOSE OF PAVEMENT OVER 6" THICK OFF DEPT PROPERTY INCLUDING CURBS & GUTTERS (LESS THAN OR EQUAL TO 250 CUBIC YARDS PER ORDER) Cu. Yds. Approx. Qty. = 1000				DEMOLISH & DISPOSE OF PAVEMENT OVER 6" THICK OFF DEPT PROPERTY INCLUDING CURBS AND GUTTERS (GREATER THAN 250 CY & LESS THAN 500 CY PER ORDER) Cu. Yds. Approx. Qty. = 3500			
ENGINEERING ESTIMATE	\$ 50.00	\$	50,000.00	\$	\$ 40.00	\$	140,000.00	
1) SHAWWANAN	\$ 15.00	\$	15,000.00	\$	\$ 11.00	\$	38,500.00	
2) GRIFFITH COMPANY	\$ 37.00	\$	37,000.00	\$	\$ 34.00	\$	119,000.00	
3) SULLY-MILLER CONTRACTING	\$ 50.00	\$	50,000.00	\$	\$ 35.00	\$	122,500.00	
4) EXCEL PAVING	\$ 55.00	\$	55,000.00	\$	\$ 50.00	\$	175,000.00	
5) ALL AMERICAN ASPHALT	\$ 58.00	\$	58,000.00	\$	\$ 49.00	\$	171,500.00	
1) AVERAGE BID	\$ 43.00	\$	43,000.00	\$	\$ 35.80	\$	125,300.00	
2) STANDARD DEVIATION	\$ 17.59	\$	17,592.61	\$	\$ 15.77	\$	55,195.79	
3) ENG. EST. - LOW BIDDER	\$ 35.00	\$	35,000.00	\$	\$ 29.00	\$	101,500.00	

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	ITEM 27		ITEM 28	
	DEMOLISH AND DISPOSE OF PAVEMENT OVER 6" THICK OFF DEPARTMENT PROPERTY INCLUDING CURBS AND GUTTERS (GREATER THAN OR EQUAL TO 500 CY PER ORDER) Cu. Yds. Approx. Qty. = 3500		DEMO, REMO. & DELIVER TO DEPT STOCKPILE SITE PAVEMENT OVER 6" THICK INCLUDING CURBS & GUTTERS (LESS THAN OR EQUAL TO 250 CY PER ORDER) Cu. Yds. Approx. Qty. = 10000	
ENGINEERING ESTIMATE	\$ 32.00	\$ 112,000.00	\$ 35.00	\$ 350,000.00
1) SHAWNAN	\$ 12.00	\$ 42,000.00	\$ 28.00	\$ 280,000.00
2) GRIFFITH COMPANY	\$ 29.00	\$ 101,500.00	\$ 20.00	\$ 200,000.00
3) SULLY-MILLER CONTRACTING	\$ 30.00	\$ 105,000.00	\$ 20.00	\$ 200,000.00
4) EXCEL PAVING	\$ 50.00	\$ 175,000.00	\$ 25.00	\$ 250,000.00
5) ALL AMERICAN ASPHALT	\$ 47.00	\$ 164,500.00	\$ 44.00	\$ 440,000.00
1) AVERAGE BID	\$ 33.60	\$ 117,600.00	\$ 27.40	\$ 274,000.00
2) STANDARD DEVIATION	\$ 15.40	\$ 53,915.91	\$ 9.89	\$ 98,893.88
3) ENG. EST. - LOW BIDDER	\$ 20.00	\$ 70,000.00	\$ 7.00	\$ 70,000.00

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	ITEM 29		ITEM 30	
	DEMO, REMO, & DEL TO DEPT STOCKPILE SITE PAVT OVER 6" THICK INCL CURBS & GUTTERS (GREATER THAN 250 CY & LESS THAN 500 CY PER ORDER) Cu. Yds. Approx. Qty. = 5000		DEMO, REMO, & DEL TO DEPT STOCKPILE SITE PAVEMENT OVER 6" THICK INCLUDING CURBS & GUTTERS (GREATER THAN OR EQUAL TO 500 CUBIC YARDS PER ORDER) 5000	
ENGINEERING ESTIMATE	\$ 30.00	\$ 150,000.00	\$ 28.00	\$ 140,000.00
1) SHAWNAN	\$ 14.00	\$ 70,000.00	\$ 14.00	\$ 70,000.00
2) GRIFFITH COMPANY	\$ 19.00	\$ 95,000.00	\$ 15.00	\$ 75,000.00
3) SULLY-MILLER CONTRACTING	\$ 35.00	\$ 175,000.00	\$ 35.00	\$ 175,000.00
4) EXCEL PAVING	\$ 25.00	\$ 125,000.00	\$ 25.00	\$ 125,000.00
5) ALL AMERICAN ASPHALT	\$ 37.50	\$ 187,500.00	\$ 32.30	\$ 161,500.00
1) AVERAGE BID	\$ 26.10	\$ 130,500.00	\$ 24.26	\$ 121,300.00
2) STANDARD DEVIATION	\$ 10.09	\$ 50,447.99	\$ 9.64	\$ 48,189.21
3) ENG. EST. - LOW BIDDER	\$ 16.00	\$ 80,000.00	\$ 14.00	\$ 70,000.00

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	ITEM 31				ITEM 32			
	DEMOLISH AND DISPOSE OF PAVEMENT ADJACENT TO RAILROAD TRACKS (PER PAIR OF TRACKS) OFF DEPARTMENT PROPERTY Cu.Yds. Approx. Qty. =				DEMOLISH, REMOVE & DELIVER TO DEPARTMENT STOCKPILE SITE PAVEMENT ADJACENT TO RAILROAD TRACKS (PER PAIR OF TRACKS) Cu.Yds. Approx. Qty. =			
				1000				1000
ENGINEERING ESTIMATE	\$	45.00	\$	45,000.00	\$	80.00	\$	80,000.00
1) SHAWWAN	\$	20.00	\$	20,000.00	\$	15.00	\$	15,000.00
2) GRIFFITH COMPANY	\$	55.00	\$	55,000.00	\$	35.00	\$	35,000.00
3) SULLY-MILLER CONTRACTING	\$	65.00	\$	65,000.00	\$	65.00	\$	65,000.00
4) EXCEL PAVING	\$	80.00	\$	80,000.00	\$	50.00	\$	50,000.00
5) ALL AMERICAN ASPHALT	\$	44.00	\$	44,000.00	\$	54.00	\$	54,000.00
1) AVERAGE BID	\$	52.80	\$	52,800.00	\$	43.80	\$	43,800.00
2) STANDARD DEVIATION	\$	22.62	\$	22,620.79	\$	19.36	\$	19,357.17
3) ENG. EST. - LOW BIDDER	\$	25.00	\$	25,000.00	\$	65.00	\$	65,000.00

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	ITEM 33		ITEM 34	
	REMOVE AND DISPOSE OF RAILROAD TRACKS Track Ft. Approx. Qty. = 5000		DEMOLISH AND DISPOSE OF REINFORCED CONCRETE 12" THICK OR LESS OFF DEPARTMENT PROPERTY Cu. Yds. Approx. Qty. = 250	
ENGINEERING ESTIMATE	\$ 35.00	\$ 175,000.00	\$ 120.00	\$ 30,000.00
1) SHAWWAN	\$ 10.00	\$ 50,000.00	\$ 195.00	\$ 48,750.00
2) GRIFFITH COMPANY	\$ 20.00	\$ 100,000.00	\$ 80.00	\$ 20,000.00
3) SULLY-MILLER CONTRACTING	\$ 20.00	\$ 100,000.00	\$ 96.00	\$ 24,000.00
4) EXCEL PAVING	\$ 105.00	\$ 525,000.00	\$ 150.00	\$ 37,500.00
5) ALL AMERICAN ASPHALT	\$ 33.30	\$ 166,500.00	\$ 164.00	\$ 41,000.00
1) AVERAGE BID	\$ 37.66	\$ 188,300.00	\$ 137.00	\$ 34,250.00
2) STANDARD DEVIATION	\$ 38.54	\$ 192,719.23	\$ 47.94	\$ 11,984.36
3) ENG. EST. - LOW BIDDER	\$ 25.00	\$ 125,000.00	\$ (75.00)	\$ (18,750.00)

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	ITEM 35		ITEM 36	
	EXCAVATE, REMOVE, AND DISPOSE OF CALIFORNIA HAZARDOUS WASTE SOIL Tons Approx. Qty. = 1500		EXCAVATE, REMOVE, AND DISPOSE OF RESOURCE CONSERVATION AND RECOVERY ACT (RCRA) HAZARDOUS WASTE SOIL Tons Approx. Qty. = 100	
ENGINEERING ESTIMATE	\$ 100.00	\$ 150,000.00	\$ 250.00	\$ 25,000.00
1) SHAWWANAN	\$ 65.00	\$ 97,500.00	\$ 320.00	\$ 32,000.00
2) GRIFFITH COMPANY	\$ 96.00	\$ 144,000.00	\$ 250.00	\$ 25,000.00
3) SULLY-MILLER CONTRACTING	\$ 93.00	\$ 139,500.00	\$ 253.00	\$ 25,300.00
4) EXCEL PAVING	\$ 90.00	\$ 135,000.00	\$ 115.00	\$ 11,500.00
5) ALL AMERICAN ASPHALT	\$ 112.00	\$ 168,000.00	\$ 609.00	\$ 60,900.00
1) AVERAGE BID	\$ 91.20	\$ 136,800.00	\$ 309.40	\$ 30,940.00
2) STANDARD DEVIATION	\$ 16.93	\$ 25,398.33	\$ 183.28	\$ 18,328.48
3) ENG. EST. - LOW BIDDER	\$ 35.00	\$ 52,500.00	\$ (70.00)	\$ (7,000.00)

\* AS IN BID

**SPECIFICATION NO. 2757**  
**2014-2016 SITE IMPROVEMENTS**  
**PROJ. CONST. MGR: PETER OUK**

	ITEM 37		ITEM 38	
	EXCAVATE, REMOVE, & DISPOSE OR RECYCLE CONTAMINATED/NON-HAZARDOUS WASTE (INCLUDING HYDROCARBON IMPACTED) SOIL Tons Approx. Qty. =	DEPARTMENT-FURNISHED FILL SOIL (LESS THAN OR EQUAL TO 200 CUBIC YARDS PER ORDER) Cu. Yds. Approx. Qty. =	1000	1000
ENGINEERING ESTIMATE	\$ 90.00	\$ 25.00	\$ 90,000.00	\$ 25,000.00
1) SHAWNAN	\$ 41.00	\$ 20.00	\$ 41,000.00	\$ 20,000.00
2) GRIFFITH COMPANY	\$ 80.00	\$ 19.00	\$ 80,000.00	\$ 19,000.00
3) SULLY-MILLER CONTRACTING	\$ 75.00	\$ 17.00	\$ 75,000.00	\$ 17,000.00
4) EXCEL PAVING	\$ 60.00	\$ 25.00	\$ 60,000.00	\$ 25,000.00
5) ALL AMERICAN ASPHALT	\$ 105.00	\$ 56.00	\$ 105,000.00	\$ 56,000.00
1) AVERAGE BID	\$ 72.20	\$ 27.40	\$ 72,200.00	\$ 27,400.00
2) STANDARD DEVIATION	\$ 23.81	\$ 16.26	\$ 23,805.46	\$ 16,257.31
3) ENG. EST. - LOW BIDDER	\$ 49.00	\$ 5.00	\$ 49,000.00	\$ 5,000.00

\* AS IN BID

**SPECIFICATION NO. 2757**  
**2014-2016 SITE IMPROVEMENTS**  
**PROJ. CONST. MGR: PETER OUK**

	ITEM 39		ITEM 40	
	DEPARTMENT-FURNISHED FILL SOIL (GREATER THAN 200 CUBIC YARDS PER ORDER)		CONTRACTOR-FURNISHED FILL SOIL	
	Cu. Yds.Approx.	Qty. =	Cu. Yds.Approx.	Qty. =
		5000		2500
ENGINEERING ESTIMATE	\$ 22.00	\$	\$ 30.00	\$
		110,000.00		75,000.00
1) SHAWWANAN	\$ 37.00	\$	\$ 39.00	\$
		185,000.00		97,500.00
2) GRIFFITH COMPANY	\$ 11.00	\$	\$ 16.00	\$
		55,000.00		40,000.00
3) SULLY-MILLER CONTRACTING	\$ 21.00	\$	\$ 15.00	\$
		105,000.00		37,500.00
4) EXCEL PAVING	\$ 14.00	\$	\$ 20.00	\$
		70,000.00		50,000.00
5) ALL AMERICAN ASPHALT	\$ 29.70	\$	\$ 50.00	\$
		148,500.00		125,000.00
1) AVERAGE BID	\$ 22.54	\$	\$ 28.00	\$
		112,700.00		70,000.00
2) STANDARD DEVIATION	\$ 10.83	\$	\$ 15.67	\$
		54,131.32		39,171.10
3) ENG. EST. - LOW BIDDER	\$ (15.00)	\$	\$ (9.00)	\$
		(75,000.00)		(22,500.00)

\* AS IN BID

**SPECIFICATION NO. 2757**  
**2014-2016 SITE IMPROVEMENTS**  
**PROJ. CONST. MGR: PETER OUK**

	ITEM 41		ITEM 42		
	CLASS "A" (IMPORTED) TOPSOIL		GRADE AND COMPACT ON-SITE EARTH MATERIAL (LESS THAN OR EQUAL TO 250 CUBIC YARDS PER ORDER)		
	Cu. Yds. Approx.	Qty. =	Cu. Yds. Approx.	Qty. =	
ENGINEERING ESTIMATE	\$ 30.00	\$	\$ 120,000.00	\$ 10.00	\$ 100,000.00
1) SHAWNAN	\$ 45.00	\$	\$ 180,000.00	\$ 4.00	\$ 40,000.00
2) GRIFFITH COMPANY	\$ 21.00	\$	\$ 84,000.00	\$ 14.00	\$ 140,000.00
3) SULLY-MILLER CONTRACTING	\$ 37.00	\$	\$ 148,000.00	\$ 7.00	\$ 70,000.00
4) EXCEL PAVING	\$ 47.00	\$	\$ 188,000.00	\$ 10.00	\$ 100,000.00
5) ALL AMERICAN ASPHALT	\$ 52.00	\$	\$ 208,000.00	\$ 20.00	\$ 200,000.00
1) AVERAGE BID	\$ 40.40	\$	\$ 161,600.00	\$ 11.00	\$ 110,000.00
2) STANDARD DEVIATION	\$ 12.12	\$	\$ 48,464.42	\$ 6.24	\$ 62,449.98
3) ENG. EST. - LOW BIDDER	\$ (15.00)	\$	\$ (60,000.00)	\$ 6.00	\$ 60,000.00

\* AS IN BID

**SPECIFICATION NO. 2757**  
**2014-2016 SITE IMPROVEMENTS**  
**PROJ. CONST. MGR: PETER OUK**

	ITEM 43		ITEM 44		
	GRADE AND COMPACT ON-SITE EARTH MATERIAL (GREATER THAN 250 CUBIC YARDS PER ORDER)		STANDARD GRADE CHAIN LINK FENCING		
	Cu. Yds. Approx. Qty. =		12000	Lin. Ft. Approx. Qty. =	3000
ENGINEERING ESTIMATE	\$ 8.00	\$	96,000.00	\$ 50.00	\$ 150,000.00
1) SHAWWAN	\$ 2.00	\$	24,000.00	\$ 38.00	\$ 114,000.00
2) GRIFFITH COMPANY	\$ 5.00	\$	60,000.00	\$ 45.00	\$ 135,000.00
3) SULLY-MILLER CONTRACTING	\$ 5.00	\$	60,000.00	\$ 50.00	\$ 150,000.00
4) EXCEL PAVING	\$ 10.00	\$	120,000.00	\$ 50.00	\$ 150,000.00
5) ALL AMERICAN ASPHALT	\$ 10.90	\$	130,800.00	\$ 48.00	\$ 144,000.00
1) AVERAGE BID	\$ 6.58	\$	78,960.00	\$ 46.20	\$ 138,600.00
2) STANDARD DEVIATION	\$ 3.75	\$	45,031.19	\$ 5.02	\$ 15,059.88
3) ENG. EST. - LOW BIDDER	\$ 6.00	\$	72,000.00	\$ 12.00	\$ 36,000.00

\* AS IN BID

**SPECIFICATION NO. 2757**  
**2014-2016 SITE IMPROVEMENTS**  
**PROJ. CONST. MGR: PETER OUK**

	ITEM 45		ITEM 46	
	TEMPORARY FENCING (10 FEET PER PANEL)		CHAIN LINK GATE (MINIMUM ONE-20 FOOT LEAF)	
	Lin. Ft. Approx.	Qty. =	Each Approx.	Qty. =
ENGINEERING ESTIMATE	\$ 25.00	\$ 75,000.00	\$ 2,850.00	\$ 28,500.00
1) SHAWMAN	\$ 3.00	\$ 9,000.00	\$ 3,000.00	\$ 30,000.00
2) GRIFFITH COMPANY	\$ 17.00	\$ 51,000.00	\$ 2,900.00	\$ 29,000.00
3) SULLY-MILLER CONTRACTING	\$ 20.00	\$ 60,000.00	\$ 3,000.00	\$ 30,000.00
4) EXCEL PAVING	\$ 20.00	\$ 60,000.00	\$ 3,000.00	\$ 30,000.00
5) ALL AMERICAN ASPHALT	\$ 36.60	\$ 109,800.00	\$ 3,400.00	\$ 34,000.00
1) AVERAGE BID	\$ 19.32	\$ 57,960.00	\$ 3,060.00	\$ 30,600.00
2) STANDARD DEVIATION	\$ 11.95	\$ 35,851.19	\$ 194.94	\$ 1,949.36
3) ENG. EST. - LOW BIDDER	\$ 22.00	\$ 66,000.00	\$ (150.00)	\$ (1,500.00)

\* AS IN BID

**SPECIFICATION NO. 2757**  
**2014-2016 SITE IMPROVEMENTS**  
**PROJ. CONST. MGR: PETER OUK**

	ITEM 47 STANDARD GRADE CHAIN LINK FENCING DOUBLE SWING GATE		ITEM 48 FILLER STRIPS				
	Each Approx. Qty. =	5 Lin. Ft. Approx. Qty. =	5000				
ENGINEERING ESTIMATE	\$3,500.00	\$	17,500.00	\$	22.00	\$	110,000.00
1) SHAWNNAN	\$4,000.00	\$	20,000.00	\$	5.00	\$	25,000.00
2) GRIFFITH COMPANY	\$3,500.00	\$	17,500.00	\$	21.00	\$	105,000.00
3) SULLY-MILLER CONTRACTING	\$3,700.00	\$	18,500.00	\$	23.00	\$	115,000.00
4) EXCEL PAVING	\$3,800.00	\$	19,000.00	\$	23.00	\$	115,000.00
5) ALL AMERICAN ASPHALT	\$5,000.00	\$	25,000.00	\$	88.00	\$	440,000.00
1) AVERAGE BID	\$ 4,000.00	\$	20,000.00	\$	32.00	\$	160,000.00
2) STANDARD DEVIATION	\$ 587.37	\$	2,936.84	\$	32.20	\$	161,012.42
3) ENG. EST. - LOW BIDDER	\$ (500.00)	\$	(2,500.00)	\$	17.00	\$	85,000.00

\* AS IN BID

**SPECIFICATION NO. 2757**  
**2014-2016 SITE IMPROVEMENTS**  
**PROJ. CONST. MGR: PETER OUK**

	ITEM 49		ITEM 50	
	INSTALL DEPARTMENT-FURNSIEHD PRECAST CONCRETE BARRIER UNITS (K-RAILS)		PURCHASED PRECAST CONCRETE BARRIER UNITS (K-RAILS)	
	Each Approx. Qty. =	200	Lin. Ft. Approx. Qty. =	3000
ENGINEERING ESTIMATE	\$ 25.00	\$ 5,000.00	\$ 40.00	\$ 120,000.00
1) SHAWNNAN	\$ 40.00	\$ 8,000.00	\$ 35.00	\$ 105,000.00
2) GRIFFITH COMPANY	\$ 125.00	\$ 25,000.00	\$ 61.00	\$ 183,000.00
3) SULLY-MILLER CONTRACTING	\$ 675.00	\$ 135,000.00	\$ 32.00	\$ 96,000.00
4) EXCEL PAVING	\$ 35.00	\$ 7,000.00	\$ 40.00	\$ 120,000.00
5) ALL AMERICAN ASPHALT	\$ 90.00	\$ 18,000.00	\$ 42.00	\$ 126,000.00
1) AVERAGE BID	\$ 193.00	\$ 38,600.00	\$ 42.00	\$ 126,000.00
2) STANDARD DEVIATION	\$ 272.00	\$ 54,399.45	\$ 11.34	\$ 34,007.35
3) ENG. EST. - LOW BIDDER	\$ (15.00)	\$ (3,000.00)	\$ 5.00	\$ 15,000.00

\* AS IN BID

**SPECIFICATION NO. 2757**  
**2014-2016 SITE IMPROVEMENTS**  
**PROJ. CONST. MGR: PETER OUK**

	ITEM 51		ITEM 52	
	REMOVE AND DISPOSE CHAIN LINK FENCING		GUARD POSTS	
	Lin. Ft. Approx. Qty. =	5000	Each Approx. Qty. =	700
ENGINEERING ESTIMATE	\$ 10.00	\$ 50,000.00	\$ 500.00	\$ 350,000.00
1) SHAWNAN	\$ 3.00	\$ 15,000.00	\$ 400.00	\$ 280,000.00
2) GRIFFITH COMPANY	\$ 4.00	\$ 20,000.00	\$ 450.00	\$ 315,000.00
3) SULLY-MILLER CONTRACTING	\$ 14.00	\$ 70,000.00	\$ 1,000.00	\$ 700,000.00
4) EXCEL PAVING	\$ 15.00	\$ 75,000.00	\$ 1,000.00	\$ 700,000.00
5) ALL AMERICAN ASPHALT	\$ 10.00	\$ 50,000.00	\$ 1,740.00	\$ 1,218,000.00
1) AVERAGE BID	\$ 9.20	\$ 46,000.00	\$ 918.00	\$ 642,600.00
2) STANDARD DEVIATION	\$ 5.54	\$ 27,703.79	\$ 542.33	\$ 379,629.82
3) ENG. EST. - LOW BIDDER	\$ 7.00	\$ 35,000.00	\$ 100.00	\$ 70,000.00

\* AS IN BID

**SPECIFICATION NO. 2757**  
**2014-2016 SITE IMPROVEMENTS**  
**PROJ. CONST. MGR: PETER OUK**

	ITEM 53 AUTO WHEEL STOPS (APPENDIX "E" - STANDARD PLANS)		ITEM 54 TRUCK WHEEL STOPS (APPENDIX "E" - STANDARD PLANS)	
	Each Approx. Qty. = 100		Each Approx. Qty. = 100	
ENGINEERING ESTIMATE	\$ 60.00	\$ 6,000.00	\$ 80.00	\$ 8,000.00
1) SHAWWAN	\$ 30.00	\$ 3,000.00	\$ 50.00	\$ 5,000.00
2) GRIFFITH COMPANY	\$ 30.00	\$ 3,000.00	\$ 60.00	\$ 6,000.00
3) SULLY-MILLER CONTRACTING	\$ 53.00	\$ 5,300.00	\$ 155.00	\$ 15,500.00
4) EXCEL PAVING	\$ 55.00	\$ 5,500.00	\$ 152.00	\$ 15,200.00
5) ALL AMERICAN ASPHALT	\$ 55.00	\$ 5,500.00	\$ 160.00	\$ 16,000.00
1) AVERAGE BID	\$ 44.60	\$ 4,460.00	\$ 115.40	\$ 11,540.00
2) STANDARD DEVIATION	\$ 13.35	\$ 1,335.29	\$ 55.32	\$ 5,532.45
3) ENG. EST. - LOW BIDDER	\$ 30.00	\$ 3,000.00	\$ 30.00	\$ 3,000.00

\* AS IN BID

**SPECIFICATION NO. 2757**  
**2014-2016 SITE IMPROVEMENTS**  
**PROJ. CONST. MGR: PETER OUK**

	ITEM 55		ITEM 56			
	DOLLY STRIPS 4-FEET WIDE		DOLLY STRIPS 6-FEET WIDE			
	Lin. Ft. Approx.	Qty. =	6000	Lin. Ft. Approx.	Qty. =	5000
ENGINEERING ESTIMATE	\$ 40.00	\$	240,000.00	\$ 45.00	\$	225,000.00
1) SHAWNAN	\$ 21.00	\$	126,000.00	\$ 24.00	\$	120,000.00
2) GRIFFITH COMPANY	\$ 38.00	\$	228,000.00	\$ 52.00	\$	260,000.00
3) SULLY-MILLER CONTRACTING	\$ 35.00	\$	210,000.00	\$ 41.00	\$	205,000.00
4) EXCEL PAVING	\$ 72.00	\$	432,000.00	\$ 85.00	\$	425,000.00
5) ALL AMERICAN ASPHALT	\$ 78.65	\$	471,900.00	\$ 83.25	\$	416,250.00
1) AVERAGE BID	\$ 48.93	\$	293,580.00	\$ 57.05	\$	285,250.00
2) STANDARD DEVIATION	\$ 25.05	\$	150,272.69	\$ 26.66	\$	133,300.65
3) ENG. EST. - LOW BIDDER	\$ 19.00	\$	114,000.00	\$ 21.00	\$	105,000.00

\* AS IN BID

**SPECIFICATION NO. 2757**  
**2014-2016 SITE IMPROVEMENTS**  
**PROJ. CONST. MGR: PETER OUK**

	ITEM 57				ITEM 58			
	TRANSTAINER RUNWAYS 6-FEET WIDE BY 12- INCHES THICK				BIAXIAL GEOGRID			
	Lin. Ft. Approx. Qty. = 5000				Sq. Yds. Approx. Qty. = 1000			
ENGINEERING ESTIMATE	\$ 60.00	\$	300,000.00	\$	6.50	\$	6,500.00	
1) SHAWWAN	\$ 40.00	\$	200,000.00	\$	18.00	\$	18,000.00	
2) GRIFFITH COMPANY	\$ 63.00	\$	315,000.00	\$	4.00	\$	4,000.00	
3) SULLY-MILLER CONTRACTING	\$ 57.00	\$	285,000.00	\$	4.00	\$	4,000.00	
4) EXCEL PAVING	\$ 90.00	\$	450,000.00	\$	10.00	\$	10,000.00	
5) ALL AMERICAN ASPHALT	\$ 57.50	\$	287,500.00	\$	5.60	\$	5,600.00	
1) AVERAGE BID	\$ 61.50	\$	307,500.00	\$	8.32	\$	8,320.00	
2) STANDARD DEVIATION	\$ 18.12	\$	90,588.35	\$	5.94	\$	5,942.39	
3) ENG. EST. - LOW BIDDER	\$ 20.00	\$	100,000.00	\$	(11.50)	\$	(11,500.00)	

\* AS IN BID

**SPECIFICATION NO. 2757**  
**2014-2016 SITE IMPROVEMENTS**  
**PROJ. CONST. MGR: PETER OUK**

	ITEM 59 CONCRETE SLURRY		ITEM 60 SILT FENCE (APPENDIX "H")	
	Cu. Yds. Approx. Qty. =	4000	Lin. Ft. Approx. Qty. =	5000
ENGINEERING ESTIMATE	\$ 90.00	\$ 360,000.00	\$ 4.00	\$ 20,000.00
1) SHAWMAN	\$ 65.00	\$ 260,000.00	\$ 3.00	\$ 15,000.00
2) GRIFFITH COMPANY	\$ 80.00	\$ 320,000.00	\$ 4.50	\$ 22,500.00
3) SULLY-MILLER CONTRACTING	\$ 90.00	\$ 360,000.00	\$ 4.00	\$ 20,000.00
4) EXCEL PAVING	\$ 125.00	\$ 500,000.00	\$ 3.25	\$ 16,250.00
5) ALL AMERICAN ASPHALT	\$ 80.00	\$ 320,000.00	\$ 4.20	\$ 21,000.00
1) AVERAGE BID	\$ 88.00	\$ 352,000.00	\$ 3.79	\$ 18,950.00
2) STANDARD DEVIATION	\$ 22.53	\$ 90,111.04	\$ 0.64	\$ 3,193.74
3) ENG. EST. - LOW BIDDER	\$ 25.00	\$ 100,000.00	\$ 1.00	\$ 5,000.00

\* AS IN BID

**SPECIFICATION NO. 2757**  
**2014-2016 SITE IMPROVEMENTS**  
**PROJ. CONST. MGR: PETER OUK**

	ITEM 61 SANDBAG BARRIER (APPENDIX "I")		ITEM 62 STRAW WATTLES	
	Each Approx. Qty. =	10000	Lin. Ft. Approx. Qty. =	1000
ENGINEERING ESTIMATE	\$ 3.50	\$ 35,000.00	\$ 2.00	\$ 2,000.00
1) SHAWWANAN	\$ 6.00	\$ 60,000.00	\$ 8.00	\$ 8,000.00
2) GRIFFITH COMPANY	\$ 1.50	\$ 15,000.00	\$ 5.00	\$ 5,000.00
3) SULLY-MILLER CONTRACTING	\$ 2.00	\$ 20,000.00	\$ 5.00	\$ 5,000.00
4) EXCEL PAVING	\$ 2.25	\$ 22,500.00	\$ 16.00	\$ 16,000.00
5) ALL AMERICAN ASPHALT	\$ 6.30	\$ 63,000.00	\$ 4.20	\$ 4,200.00
1) AVERAGE BID	\$ 3.61	\$ 36,100.00	\$ 7.64	\$ 7,640.00
2) STANDARD DEVIATION	\$ 2.34	\$ 23,367.71	\$ 4.89	\$ 4,893.67
3) ENG. EST. - LOW BIDDER	\$ (2.50)	\$ (25,000.00)	\$ (6.00)	\$ (6,000.00)

\* AS IN BID

**SPECIFICATION NO. 2757**  
**2014-2016 SITE IMPROVEMENTS**  
**PROJ. CONST. MGR: PETER OUK**

	ITEM 63		ITEM 64		
	CONSTRUCT MASONRY RETAINING WALL (APPENDIX "D" - STANDARD PLANS)		CRACK FILLER		
	Lin. Ft. Approx.	Qty. =	400	Lin. Ft. Approx.	Qty. =
					5000
ENGINEERING ESTIMATE	\$ 275.00	\$	110,000.00	\$ 2.50	\$ 12,500.00
1) SHAWWAN	\$ 170.00	\$	68,000.00	\$ 1.00	\$ 5,000.00
2) GRIFFITH COMPANY	\$ 160.00	\$	64,000.00	\$ 1.50	\$ 7,500.00
3) SULLY-MILLER CONTRACTING	\$ 100.00	\$	40,000.00	\$ 1.50	\$ 7,500.00
4) EXCEL PAVING	\$ 200.00	\$	80,000.00	\$ 6.00	\$ 30,000.00
5) ALL AMERICAN ASPHALT	\$ 340.00	\$	136,000.00	\$ 1.26	\$ 6,300.00
1) AVERAGE BID	\$ 194.00	\$	77,600.00	\$ 2.25	\$ 11,260.00
2) STANDARD DEVIATION	\$ 89.33	\$	35,732.34	\$ 2.11	\$ 10,526.78
3) ENG. EST. - LOW BIDDER	\$ 105.00	\$	42,000.00	\$ 1.50	\$ 7,500.00

\* AS IN BID

**SPECIFICATION NO. 2757**  
**2014-2016 SITE IMPROVEMENTS**  
**PROJ. CONST. MGR: PETER OUK**

	ITEM 65		ITEM 66	
	SEALCOAT		CLEAR AND GRUB	
	Sq. Yds. Approx. Qty. =	10000	Sq. Ft. Approx. Qty. =	50000
ENGINEERING ESTIMATE	\$ 1.65	\$ 16,500.00	\$ 0.25	\$ 12,500.00
1) SHAWNNAN	\$ 1.00	\$ 10,000.00	\$ 1.00	\$ 50,000.00
2) GRIFFITH COMPANY	\$ 0.50	\$ 5,000.00	\$ 1.00	\$ 50,000.00
3) SULLY-MILLER CONTRACTING	\$ 0.75	\$ 7,500.00	\$ 0.20	\$ 10,000.00
4) EXCEL PAVING	\$ 3.00	\$ 30,000.00	\$ 0.50	\$ 25,000.00
5) ALL AMERICAN ASPHALT	\$ 3.50	\$ 35,000.00	\$ 0.15	\$ 7,500.00
1) AVERAGE BID	\$ 1.75	\$ 17,500.00	\$ 0.57	\$ 28,500.00
2) STANDARD DEVIATION	\$ 1.39	\$ 13,919.41	\$ 0.41	\$ 20,736.44
3) ENG. EST. - LOW BIDDER	\$ 0.65	\$ 6,500.00	\$ (0.75)	\$ (37,500.00)

\* AS IN BID

**SPECIFICATION NO. 2757**  
**2014-2016 SITE IMPROVEMENTS**  
**PROJ. CONST. MGR: PETER OUK**

	ITEM 67		ITEM 68	
	HEADERBOARDS (MINIMUM 10 LINEAR FEET)		HEADERBOARDS (MINIMUM 10 LINEAR FEET)	
	Lin. Ft. Approx.	Qty. =	Lin. Ft. Approx.	Qty. =
		10000		10000
ENGINEERING ESTIMATE	\$ 3.00	\$	\$ 3.50	\$ 35,000.00
1) SHAWMAN	\$ 2.00	\$ 20,000.00	\$ 2.50	\$ 25,000.00
2) GRIFFITH COMPANY	\$ 1.90	\$ 19,000.00	\$ 2.00	\$ 20,000.00
3) SULLY-MILLER CONTRACTING	\$ 2.00	\$ 20,000.00	\$ 2.50	\$ 25,000.00
4) EXCEL PAVING	\$ 3.00	\$ 30,000.00	\$ 3.00	\$ 30,000.00
5) ALL AMERICAN ASPHALT	\$ 4.90	\$ 49,000.00	\$ 5.60	\$ 56,000.00

1) AVERAGE BID	\$ 2.76	\$ 27,600.00	\$ 3.12	\$ 31,200.00
2) STANDARD DEVIATION	\$ 1.28	\$ 12,778.89	\$ 1.43	\$ 14,307.34
3) ENG. EST. - LOW BIDDER	\$ 1.00	\$ 10,000.00	\$ 1.00	\$ 10,000.00

\* AS IN BID

**SPECIFICATION NO. 2757**  
**2014-2016 SITE IMPROVEMENTS**  
**PROJ. CONST. MGR: PETER OUK**

	ITEM 69		ITEM 70	
	DEMOLISH AND DISPOSE OF ASPHALT CONCRETE PAVEMENT UP TO 12 INCHES THICK		SAW-CUT PAVEMENT (UP TO 3 INCHES THICK)	
	Cu. Yds. Approx. Qty. =	5000	Lin. Ft. Approx. Qty. =	10000
ENGINEERING ESTIMATE	\$ 60.00	\$ 300,000.00	\$ 2.30	\$ 23,000.00
1) SHAWMAN	\$ 65.00	\$ 325,000.00	\$ 1.00	\$ 10,000.00
2) GRIFFITH COMPANY	\$ 55.00	\$ 275,000.00	\$ 1.50	\$ 15,000.00
3) SULLY-MILLER CONTRACTING	\$ 65.00	\$ 325,000.00	\$ 1.00	\$ 10,000.00
4) EXCEL PAVING	\$ 45.00	\$ 225,000.00	\$ 1.50	\$ 15,000.00
5) ALL AMERICAN ASPHALT	\$ 54.00	\$ 270,000.00	\$ 1.43	\$ 14,300.00
1) AVERAGE BID	\$ 56.80	\$ 284,000.00	\$ 1.29	\$ 12,860.00
2) STANDARD DEVIATION	\$ 8.44	\$ 42,190.05	\$ 0.26	\$ 2,626.40
3) ENG. EST. - LOW BIDDER	\$ (5.00)	\$ (25,000.00)	\$ 1.30	\$ 13,000.00

\* AS IN BID

**SPECIFICATION NO. 2757**

2014-2016 SITE IMPROVEMENTS

PROJ. CONST. MGR: PETER OUK

	ITEM 71		ITEM 72	
	SAW-CUT PAVEMENT (GREATER THAN 3 INCHES THICK)		WATER TRUCK (AND OPERATOR) - 4,000 GALLON (MINIMUM ORDER 4 HOURS)	
	Lin. Ft. Approx. Qty. =	10000	Shifts Approx. Qty. =	1250
ENGINEERING ESTIMATE	\$ 3.25	\$ 32,500.00	\$ 90.00	\$ 112,500.00
1) SHAWNNAN	\$ 2.00	\$ 20,000.00	\$ 270.00	\$ 337,500.00
2) GRIFFITH COMPANY	\$ 3.00	\$ 30,000.00	\$ 350.00	\$ 437,500.00
3) SULLY-MILLER CONTRACTING	\$ 1.50	\$ 15,000.00	\$ 375.00	\$ 468,750.00
4) EXCEL PAVING	\$ 2.00	\$ 20,000.00	\$ 400.00	\$ 500,000.00
5) ALL AMERICAN ASPHALT	\$ 2.50	\$ 25,000.00	\$ 290.00	\$ 362,500.00
1) AVERAGE BID	\$ 2.20	\$ 22,000.00	\$ 337.00	\$ 421,250.00
2) STANDARD DEVIATION	\$ 0.57	\$ 5,700.88	\$ 55.41	\$ 69,259.48
3) ENG. EST. - LOW BIDDER	\$ 1.25	\$ 12,500.00	\$ (180.00)	\$ (225,000.00)

\* AS IN BID

**SPECIFICATION NO. 2757**  
**2014-2016 SITE IMPROVEMENTS**  
**PROJ. CONST. MGR: PETER OUK**

	ITEM 73		ITEM 74	
	RAILROAD FLAG PERSON(S) (PER 8 HOUR DAY)		TRAFFIC CONTROL FLAG PERSON (PER 8 HOUR DAY)	
	Per 8hr day Approx. Qty. =	50	Per 8hr day Approx. Qty. =	120
ENGINEERING ESTIMATE	\$ 720.00	\$ 36,000.00	\$ 500.00	\$ 60,000.00
1) SHAWMAN	\$ 400.00	\$ 20,000.00	\$ 400.00	\$ 48,000.00
2) GRIFFITH COMPANY	\$ 400.00	\$ 20,000.00	\$ 800.00	\$ 96,000.00
3) SULLY-MILLER CONTRACTING	\$ 725.00	\$ 36,250.00	\$ 725.00	\$ 87,000.00
4) EXCEL PAVING	\$ 900.00	\$ 45,000.00	\$ 600.00	\$ 72,000.00
5) ALL AMERICAN ASPHALT	\$ 600.00	\$ 30,000.00	\$ 600.00	\$ 72,000.00
1) AVERAGE BID	\$ 605.00	\$ 30,250.00	\$ 625.00	\$ 75,000.00
2) STANDARD DEVIATION	\$ 215.35	\$ 10,767.43	\$ 152.07	\$ 18,248.29
3) ENG. EST. - LOW BIDDER	\$ 320.00	\$ 16,000.00	\$ 100.00	\$ 12,000.00

\* AS IN BID

**SPECIFICATION NO. 2757**  
**2014-2016 SITE IMPROVEMENTS**  
**PROJ. CONST. MGR: PETER OUK**

	ITEM 75		ITEM 76	
	CONCRETE PAVEMENT (LESS THAN OR EQUAL TO 50 CY PER ORDER) Cu. Yds. Approx. Qty. = 6000		CONCRETE PAVEMENT (GREATER THAN 50 CY AND LESS THAN OR EQUAL TO 100 CY PER ORDER) 6000	
ENGINEERING ESTIMATE	\$ 200.00	\$ 1,200,000.00	\$ 175.00	\$ 1,050,000.00
1) SHAWNAN	\$ 160.00	\$ 960,000.00	\$ 120.00	\$ 720,000.00
2) GRIFFITH COMPANY	\$ 173.00	\$ 1,038,000.00	\$ 173.00	\$ 1,038,000.00
3) SULLY-MILLER CONTRACTING	\$ 135.00	\$ 810,000.00	\$ 135.00	\$ 810,000.00
4) EXCEL PAVING	\$ 225.00	\$ 1,350,000.00	\$ 195.00	\$ 1,170,000.00
5) ALL AMERICAN ASPHALT	\$ 354.00	\$ 2,124,000.00	\$ 280.00	\$ 1,680,000.00
1) AVERAGE BID	\$ 209.40	\$ 1,256,400.00	\$ 180.60	\$ 1,083,600.00
2) STANDARD DEVIATION	\$ 87.25	\$ 523,525.36	\$ 63.04	\$ 378,252.30
3) ENG. EST. - LOW BIDDER	\$ 40.00	\$ 240,000.00	\$ 55.00	\$ 330,000.00

\* AS IN BID

**SPECIFICATION NO. 2757**  
**2014-2016 SITE IMPROVEMENTS**  
**PROJ. CONST. MGR: PETER OUK**

	ITEM 77		ITEM 78	
	CONCRETE PAVEMENT (GREATER THAN 100 CY AND LESS THAN OR EQUAL TO 250 CY PER ORDER) Cu. Yds. Approx. Qty. =		MOVE-IN AND MOVE-OUT CONCRETE PAVEMENT MACHINE Move-in & Move-out Approx. Qty. =	
		5000		50
ENGINEERING ESTIMATE	\$ 165.00	\$ 825,000.00	\$ 1,200.00	\$ 60,000.00
1) SHAWMAN	\$ 175.00	\$ 875,000.00	\$ 500.00	\$ 25,000.00
2) GRIFFITH COMPANY	\$ 173.00	\$ 865,000.00	\$ 100.00	\$ 5,000.00
3) SULLY-MILLER CONTRACTING	\$ 135.00	\$ 675,000.00	\$ 50.00	\$ 2,500.00
4) EXCEL PAVING	\$ 189.00	\$ 945,000.00	\$ 2,000.00	\$ 100,000.00
5) ALL AMERICAN ASPHALT	\$ 186.00	\$ 930,000.00	\$ 1,110.00	\$ 55,500.00
1) AVERAGE BID	\$ 171.60	\$ 858,000.00	\$ 752.00	\$ 37,600.00
2) STANDARD DEVIATION	\$ 21.58	\$ 107,912.00	\$ 816.56	\$ 40,827.99
3) ENG. EST. - LOW BIDDER	\$ (10.00)	\$ (50,000.00)	\$ 700.00	\$ 35,000.00

\* AS IN BID

**SPECIFICATION NO. 2757**  
**2014-2016 SITE IMPROVEMENTS**  
**PROJ. CONST. MGR: PETER OUK**

	ITEM 79		ITEM 80	
	MOBILIZATION AND DEMOBILIZATION OF CRUSHING RUBBLE EQUIPMENT		CRUSHED RUBBLE	
	Mob & Demob Approx. Qty. =		4 Cu. Yds. Approx. Qty. =	50000
ENGINEERING ESTIMATE	\$ 4,200.00	\$ 16,800.00	\$ 3.50	\$ 175,000.00
1) SHAWNAN	\$ 28,000.00	\$ 112,000.00	\$ 10.00	\$ 500,000.00
2) GRIFFITH COMPANY	\$ 14,000.00	\$ 56,000.00	\$ 6.30	\$ 315,000.00
3) SULLY-MILLER CONTRACTING	\$ 13,000.00	\$ 52,000.00	\$ 9.00	\$ 450,000.00
4) EXCEL PAVING	\$ 10,000.00	\$ 40,000.00	\$ 7.50	\$ 375,000.00
5) ALL AMERICAN ASPHALT	\$ 16,700.00	\$ * \$56,800.00 66,800.00	\$ 5.55	\$ 277,500.00
1) AVERAGE BID	\$ 16,340.00	\$ 65,360.00	\$ 7.67	\$ 383,500.00
2) STANDARD DEVIATION	\$ 6,944.64	\$ 27,778.55	\$ 1.84	\$ 92,188.67
3) ENG. EST. - LOW BIDDER	\$ (23,800.00)	\$ (95,200.00)	\$ (6.50)	\$ (325,000.00)

\* AS IN BID

**SPECIFICATION NO. 2757**  
**2014-2016 SITE IMPROVEMENTS**  
**PROJ. CONST. MGR: PETER OUK**

	ITEM 81 BREAK OVERSIZE RUBBLE		ITEM 82 DISPOSE OF TRASH GENERATED	
	Cu. Yds. Approx. Qty. =		Tons Approx. Qty. =	
	10000		200	
ENGINEERING ESTIMATE	\$ 4.00	\$ 40,000.00	\$ 65.00	\$ 13,000.00
1) SHAWMAN	\$ 5.00	\$ 50,000.00	\$ 100.00	\$ 20,000.00
2) GRIFFITH COMPANY	\$ 9.50	\$ 95,000.00	\$ 35.00	\$ 7,000.00
3) SULLY-MILLER CONTRACTING	\$ 17.50	\$ 175,000.00	\$ 150.00	\$ 30,000.00
4) EXCEL PAVING	\$ 12.00	\$ 120,000.00	\$ 200.00	\$ 40,000.00
5) ALL AMERICAN ASPHALT	\$ 16.60	\$ 166,000.00	\$ 83.00	\$ 16,600.00
1) AVERAGE BID	\$ 12.12	\$ 121,200.00	\$ 113.60	\$ 22,720.00
2) STANDARD DEVIATION	\$ 5.16	\$ 51,620.73	\$ 63.42	\$ 12,684.32
3) ENG. EST. - LOW BIDDER	\$ (1.00)	\$ (10,000.00)	\$ (35.00)	\$ (7,000.00)

\* AS IN BID

**SPECIFICATION NO. 2757**  
**2014-2016 SITE IMPROVEMENTS**  
**PROJ. CONST. MGR: PETER OUK**

	ITEM 83		ITEM 84	
	STREET SWEEPER SERVICES		ARMORED OUTSIDE PLANT RATED DIRECT BURIAL MICRODUCT TUBE BUNDLE 19-CELL	
	Shifts Approx Qty. =	120	Lin. Ft. Approx Qty. =	30000
ENGINEERING ESTIMATE	\$ 375.00	\$ 45,000.00	\$ 12.00	\$ 360,000.00
1) SHAWNNAN	\$1,000.00	\$ 120,000.00	\$ 20.00	\$ 600,000.00
2) GRIFFITH COMPANY	\$ 600.00	\$ 72,000.00	\$ 15.00	\$ 450,000.00
3) SULLY-MILLER CONTRACTING	\$ 850.00	\$ 102,000.00	\$ 12.30	\$ 369,000.00
4) EXCEL PAVING	\$ 750.00	\$ 90,000.00	\$ 15.00	\$ 450,000.00
5) ALL AMERICAN ASPHALT	\$ 490.00	\$ 58,800.00	\$ 15.45	\$ 463,500.00
1) AVERAGE BID	\$ 738.00	\$ 88,560.00	\$ 15.55	\$ 466,500.00
2) STANDARD DEVIATION	\$ 201.17	\$ 24,140.59	\$ 2.78	\$ 83,489.52
3) ENG. EST. - LOW BIDDER	\$ (625.00)	\$ (75,000.00)	\$ (8.00)	\$ (240,000.00)

\* AS IN BID

**SPECIFICATION NO. 2757**  
**2010-2012 SITE IMPROVEMENTS**  
**PROJ. CONST. MGR.: PETER OUK**

	ITEM 85		ITEM 86	
	24 STRANDS SINGLE MODE, AIR BLOWN FIBER OPTIC CABLE IN MICRODUCT ASSEMBLY		4 INCH PVC CONDUITS	
	Lin. Ft. Approx. Qty. =	60000	Lin. Ft. Approx. Qty. =	30000
ENGINEERING ESTIMATE	\$ 3.25	\$ 195,000.00	\$ 40.00	\$ 1,200,000.00
1) SHAWMAN	\$ 2.00	\$ 120,000.00	\$ 5.00	\$ 150,000.00
2) GRIFFITH COMPANY	\$ 3.75	\$ 225,000.00	\$ 8.00	\$ 240,000.00
3) SULLY-MILLER CONTRACTING	\$ 3.00	\$ 180,000.00	\$ 10.75	\$ 322,500.00
4) EXCEL PAVING	\$ 3.75	\$ 225,000.00	\$ 8.00	\$ 240,000.00
5) ALL AMERICAN ASPHALT	\$ 3.83	\$ 229,800.00	\$ 8.18	\$ 245,400.00
1) AVERAGE BID	\$ 3.27	\$ 195,960.00	\$ 7.99	\$ 239,580.00
2) STANDARD DEVIATION	\$ 0.78	\$ 47,054.31	\$	\$ 61,103.45
3) ENG. EST. - LOW BIDDER	\$ 1.25	\$ 75,000.00	\$	\$ 1,050,000.00

\* AS IN BID

**SPECIFICATION NO. 2757**  
**2010-2012 SITE IMPROVEMENTS**  
**PROJ. CONST. MGR.: PETER OUK**

	ITEM 87		ITEM 88	
	12'-0" STEEL CAMERA POLE WITH REINFORCED CONCRETE FOUNDATION		AXIS Q6035/-E PTZ VIDEO SECURITY CAMERAS	
	Each Approx. Qty. =		3	Each Approx. Qty. =
				10
ENGINEERING ESTIMATE	\$ 1,500.00	\$ 4,500.00	\$ 6,500.00	\$ 65,000.00
1) SHAWNAN	\$ 8,000.00	\$ 24,000.00	\$ 17,000.00	\$ 170,000.00
2) GRIFFITH COMPANY	\$ 5,000.00	\$ 15,000.00	\$ 8,000.00	\$ 80,000.00
3) SULLY-MILLER CONTRACTING	\$ 2,500.00	\$ 7,500.00	\$ 13,600.00	\$ 136,000.00
4) EXCEL PAVING	\$ 3,500.00	\$ 10,500.00	\$ 7,000.00	\$ 70,000.00
5) ALL AMERICAN ASPHALT	\$ 3,500.00	\$ 10,500.00	\$ 7,400.00	\$ 74,000.00
1) AVERAGE BID	\$ 4,500.00	\$ 13,500.00	\$ 10,600.00	\$ 106,000.00
2) STANDARD DEVIATION	\$ 2,150.58	\$ 6,451.74	\$ 4,469.90	\$ 44,698.99
3) ENG. EST. - LOW BIDDER	\$ (6,500.00)	\$ (19,500.00)	\$ (10,500.00)	\$ (105,000.00)

\* AS IN BID

	ITEM 89	ITEM 90
	BERTHS 226-232 PANZERBELT TRENCH REPAIR - APPENDIX "N"	TRENCH
	LUMP SUM	Cu. Yds. Approx. Qty. = 2300
ENGINEERING ESTIMATE	\$1,525,500.00	\$175.00 \$ 402,500.00
1) SHAWNMAN	\$360,000.00	\$100.00 \$ 230,000.00
2) GRIFFITH COMPANY	\$200,000.00	\$150.00 \$ 345,000.00
3) SULLY-MILLER CONTRACTING	\$277,000.00	\$39.00 \$ 89,700.00
4) EXCEL PAVING	\$350,000.00	\$200.00 \$ 460,000.00
5) ALL AMERICAN ASPHALT	\$385,450.00	\$53.00 \$ 121,900.00

1) AVERAGE BID	\$ 314,490.00	\$ 108.40	\$ 249,320.00
2) STANDARD DEVIATION	\$ 75,632.17	\$ 67.23	\$ 154,619.20
3) ENG. EST. - LOW BIDDER	\$ 1,165,500.00	\$ 75.00	\$ 172,500.00

\* AS IN BID

**SPECIFICATION NO. 2757**  
**2010-2012 SITE IMPROVEMENTS**  
**PROJ. CONST. MGR.: PETER OUK**

	ITEM 91	ITEM 92
	SAN PEDRO WATERFRONT ENHANCEMENTS 22ND ST. PARK IMPROVEMENTS - APPENDIX "O" LUMP SUM	MOVE-IN & MOVE-OUT EQUIPMENT FOR BID ITEMS 93, 94, & 95 (CONTINGENCY ITEM) Move-In and Move-out Approx. Qty. = 50
ENGINEERING ESTIMATE	\$160,000.00	\$1,000.00 \$ 50,000.00
1) SHAWNAN	\$140,000.00	\$100.00 \$ 5,000.00
2) GRIFFITH COMPANY	\$125,000.00	\$1,500.00 \$ 75,000.00
3) SULLY-MILLER CONTRACTING	\$100,000.00	\$110.00 \$ 5,500.00
4) EXCEL PAVING	\$275,000.00	\$3,500.00 \$ 175,000.00
5) ALL AMERICAN ASPHALT	\$565,000.00	\$3,330.00 \$ 166,500.00
1) AVERAGE BID	\$ 241,000.00	\$ 1,708.00 \$ 85,400.00
2) STANDARD DEVIATION	\$ 193,436.04	\$ 1,660.17 \$ 83,008.58
3) ENG. EST. - LOW BIDDER	\$ 20,000.00	\$ 900.00 \$ 45,000.00

\* AS IN BID

	ITEM 93		ITEM 94	
	STOCKPILE, REMOVE & DISPOSE OF CA HAZARDOUS WASTE SOIL (CONTINGENCY ITEM) Tons Approx. Qty. = 60000		STOCKPILE, REMOVE & DISPOSE OF RCRA HAZARDOUS WASTE SOIL (CONTINGENCY ITEM) Tons Approx. Qty. = 30000	
ENGINEERING ESTIMATE	\$125.00	\$ 7,500,000.00	\$150.00	\$ 4,500,000.00
1) SHAWNAN	\$40.00	\$ 2,400,000.00	\$90.00	\$ 2,700,000.00
2) GRIFFITH COMPANY	\$97.00	\$ 5,820,000.00	\$204.00	\$ 6,120,000.00
3) SULLY-MILLER CONTRACTING	\$93.00	\$ 5,580,000.00	\$226.00	\$ 6,780,000.00
4) EXCEL PAVING	\$85.00	\$ 5,100,000.00	\$205.00	\$ 6,150,000.00
5) ALL AMERICAN ASPHALT	\$100.00	\$ 6,000,000.00	\$236.00	\$ 7,080,000.00
1) AVERAGE BID	\$ 83.00	\$ 4,980,000.00	\$ 192.20	\$ 5,766,000.00
2) STANDARD DEVIATION	\$ 24.69	\$ 1,481,283.23	\$ 58.76	\$ 1,762,662.76
3) ENG. EST. - LOW BIDDER	\$ 85.00	\$ 5,100,000.00	\$ 60.00	\$ 1,800,000.00

\* AS IN BID

**SPECIFICATION NO. 2757**  
**2010-2012 SITE IMPROVEMENTS**  
**PROJ. CONST. MGR.: PETER OUK**

	ITEM 95		ITEM 96	
	STOCKPILE, REMOVE & DISPOSE OR RECYCLE CHEMICALLY IMPACTED/NON-HAZARDOUS WASTE SOIL (CONTINGENCY ITEM)		GROUND PENETRATING RADAR AND POTHOLING (ALLOWANCE ITEM)	
	Tons	Approx. Qty. =		
ENGINEERING ESTIMATE	\$120.00	\$	7,200,000.00	\$250,000.00
1) SHAWNAN	\$35.00	\$	2,100,000.00	\$250,000.00
2) GRIFFITH COMPANY	\$46.00	\$	2,760,000.00	\$250,000.00
3) SULLY-MILLER CONTRACTING	\$75.00	\$	4,500,000.00	\$250,000.00
4) EXCEL PAVING	\$48.00	\$	2,880,000.00	\$250,000.00
5) ALL AMERICAN ASPHALT	\$83.50	\$	5,010,000.00	\$250,000.00
1) AVERAGE BID	\$	\$	57.50	\$
2) STANDARD DEVIATION	\$	\$	20.68	\$
3) ENG. EST. - LOW BIDDER	\$	\$	85.00	\$
			3,450,000.00	250,000.00
			1,240,927.07	-
			5,100,000.00	-

\* AS IN BID

	ITEM 97 PRE-CONSTRUCTION EXISTING UNDERGROUND UTILITIES AND SUBSTRUCTURES INVESTIGATION (ALLOWANCE ITEM)	ITEM 98 PERFORM WORK ASSOCIATED W/ REGULATORY AGENCY CHANGES AND ADDITIONAL REQUIREMENTS (ALLOWANCE ITEM)	ITEM 99 CONTAMINATED AND HAZARDOUS GROUND WATER (ALLOWANCE ITEM)
ENGINEERING ESTIMATE	\$300,000.00	\$100,000.00	\$350,000.00
1) SHAWNAN	\$300,000.00	\$100,000.00	\$350,000.00
2) GRIFFITH COMPANY	\$300,000.00	\$100,000.00	\$350,000.00
3) SULLY-MILLER CONTRACTING	\$300,000.00	\$100,000.00	\$350,000.00
4) EXCEL PAVING	\$300,000.00	\$100,000.00	\$350,000.00
5) ALL AMERICAN ASPHALT	\$300,000.00	\$100,000.00	\$350,000.00
1) AVERAGE BID	\$ 300,000.00	\$ 100,000.00	\$ 350,000.00
2) STANDARD DEVIATION	\$ -	\$ -	\$ -
3) ENG. EST. - LOW BIDDER	\$ -	\$ -	\$ -

\* AS IN BID

**SPECIFICATION NO. 2757**  
**2010-2012 SITE IMPROVEMENTS**  
**PROJ. CONST. MGR.: PETER OUK**

	ITEM 100 MISCELLANEOUS ENVIRONMENTAL TESTING (ALLOWANCE ITEM)	ITEM 101 MISCELLANEOUS DEMOLITION AND REMOVALS (ALLOWANCE ITEM)	ITEM 102 PAVEMENT MARKINGS (ALLOWANCE ITEM)
ENGINEERING ESTIMATE	\$200,000.00	\$750,000.00	\$100,000.00
1) SHAWNAN	\$200,000.00	\$750,000.00	\$100,000.00
2) GRIFFITH COMPANY	\$200,000.00	\$750,000.00	\$100,000.00
3) SULLY-MILLER CONTRACTING	\$200,000.00	\$750,000.00	\$100,000.00
4) EXCEL PAVING	\$200,000.00	\$750,000.00	\$100,000.00
5) ALL AMERICAN ASPHALT	\$200,000.00	\$750,000.00	\$100,000.00

1) AVERAGE BID	\$ 200,000.00	\$ 750,000.00	\$ 100,000.00
2) STANDARD DEVIATION	\$ -	\$ -	\$ -
3) ENG. EST. - LOW BIDDER	\$ -	\$ -	\$ -

\* AS IN BID

**SPECIFICATION NO. 2757**  
**2010-2012 SITE IMPROVEMENTS**  
**PROJ. CONST. MGR.: PETER OUK**

	ITEM 103 THERMOPLASTIC PAVEMENT MARKINGS (ALLOWANCE ITEM)	ITEM 104 REMOVE, REALIGN, & MODIFY INTERFERING UNDERGROUND UTILITIES & UNFORESEEN REMOVALS (ALLOWANCE ITEM)	ITEM 105 ASPHALT CONCRETE PRICE FLUCTUATION (ALLOWANCE ITEM)
ENGINEERING ESTIMATE	\$100,000.00	\$500,000.00	\$250,000.00
1) SHAWNAN	\$100,000.00	\$500,000.00	\$250,000.00
2) GRIFFITH COMPANY	\$100,000.00	\$500,000.00	\$250,000.00
3) SULLY-MILLER CONTRACTING	\$100,000.00	\$500,000.00	\$250,000.00
4) EXCEL PAVING	\$100,000.00	\$500,000.00	\$250,000.00
5) ALL AMERICAN ASPHALT	\$100,000.00	\$500,000.00	\$250,000.00
1) AVERAGE BID	\$ 100,000.00	\$ 500,000.00	\$ 250,000.00
2) STANDARD DEVIATION	\$ -	\$ -	\$ -
3) ENG. EST. - LOW BIDDER	\$ -	\$ -	\$ -

\* AS IN BID

	ITEM 106	ITEM 107	ITEM 108
	RAILROAD WORK (ALLOWANCE ITEM)	LANDSCAPING AND IRRIGATION SYSTEM (ALLOWANCE ITEM)	STORM WATER POLLUTION PREVENTION PLAN (ALLOWANCE ITEM)
ENGINEERING ESTIMATE	\$100,000.00	\$400,000.00	\$50,000.00
1) SHAWNMAN	\$100,000.00	\$400,000.00	\$50,000.00
2) GRIFFITH COMPANY	\$100,000.00	\$400,000.00	\$50,000.00
3) SULLY-MILLER CONTRACTING	\$100,000.00	\$400,000.00	\$50,000.00
4) EXCEL PAVING	\$100,000.00	\$400,000.00	\$50,000.00
5) ALL AMERICAN ASPHALT	\$100,000.00	\$400,000.00	\$50,000.00

1) AVERAGE BID	\$	100,000.00	\$	400,000.00	\$	50,000.00
2) STANDARD DEVIATION	\$	-	\$	-	\$	-
3) ENG. EST. - LOW BIDDER	\$	-	\$	-	\$	-

\* AS IN BID

**SPECIFICATION NO. 2757**  
**2010-2012 SITE IMPROVEMENTS**  
**PROJ. CONST. MGR.: PETER OUK**

	ITEM 109	ITEM 110	ITEM 111
	ORNAMENTAL FENCING (ALLOWANCE ITEM)	SITE FURNISHINGS (ALLOWANCE ITEM)	WEB-BASED COLLABORATION (ALLOWANCE ITEM)
ENGINEERING ESTIMATE	\$50,000.00	\$50,000.00	\$45,000.00
1) SHAWNAN	\$50,000.00	\$50,000.00	\$45,000.00
2) GRIFFITH COMPANY	\$50,000.00	\$50,000.00	\$45,000.00
3) SULLY-MILLER CONTRACTING	\$50,000.00	\$50,000.00	\$45,000.00
4) EXCEL PAVING	\$50,000.00	\$50,000.00	\$45,000.00
5) ALL AMERICAN ASPHALT	\$50,000.00	\$50,000.00	\$45,000.00

1) AVERAGE BID	\$ 50,000.00	\$ 50,000.00	\$ 45,000.00
2) STANDARD DEVIATION	\$ -	\$ -	\$ -
3) ENG. EST. - LOW BIDDER	\$ -	\$ -	\$ -

\* AS IN BID

	ITEM 112	ITEM 113	ITEM 114
	ARCHITECTURAL IMPROVEMENTS (ALLOWANCE ITEM)	STRUCTURAL IMPROVEMENTS (ALLOWANCE ITEM)	MARINE IMPROVEMENTS (ALLOWANCE ITEM)
ENGINEERING ESTIMATE	\$250,000.00	\$200,000.00	\$100,000.00
1) SHAWNAN	\$250,000.00	\$200,000.00	\$100,000.00
2) GRIFFITH COMPANY	\$250,000.00	\$200,000.00	\$100,000.00
3) SULLY-MILLER CONTRACTING	\$250,000.00	\$200,000.00	\$100,000.00
4) EXCEL PAVING	\$250,000.00	\$200,000.00	\$100,000.00
5) ALL AMERICAN ASPHALT	\$250,000.00	\$200,000.00	\$100,000.00
1) AVERAGE BID	\$ 250,000.00	\$ 200,000.00	\$ 100,000.00
2) STANDARD DEVIATION	\$ -	\$ -	\$ -
3) ENG. EST. - LOW BIDDER	\$ -	\$ -	\$ -

\* AS IN BID

	ITEM 115 MISCELLANEOUS ELECTRICAL AND MECHANICAL SYSTEMS (ALLOWANCE ITEM)	ITEM 116 OIL PRODUCT REMOVAL (ALLOWANCE ITEM)	ITEM 117 CONSTRUCT MISCELLANEOUS UTILITY SYSTEMS (ALLOWANCE ITEM)
ENGINEERING ESTIMATE	\$800,000.00	\$200,000.00	\$50,000.00
1) SHAWMAN	\$800,000.00	\$200,000.00	\$50,000.00
2) GRIFFITH COMPANY	\$800,000.00	\$200,000.00	\$50,000.00
3) SULLY-MILLER CONTRACTING	\$800,000.00	\$200,000.00	\$50,000.00
4) EXCEL PAVING	\$800,000.00	\$200,000.00	\$50,000.00
5) ALL AMERICAN ASPHALT	\$800,000.00	\$200,000.00	\$50,000.00

1) AVERAGE BID	\$	800,000.00	\$	200,000.00	\$	50,000.00
2) STANDARD DEVIATION	\$	-	\$	-	\$	-
3) ENG. EST. - LOW BIDDER	\$	-	\$	-	\$	-

\* AS IN BID

	ITEM 118 LOAD CHECKER AND OTHER MISCELLANEOUS SERVICES (ALLOWANCE ITEM)	ITEM 119 FIBER OPTIC (ALLOWANCE ITEM)	ITEM 120 QUALITY ASSURANCE (ALLOWANCE ITEM)
ENGINEERING ESTIMATE	\$50,000.00	\$150,000.00	\$50,000.00
1) SHAWMAN	\$50,000.00	\$150,000.00	\$50,000.00
2) GRIFFITH COMPANY	\$50,000.00	\$150,000.00	\$50,000.00
3) SULLY-MILLER CONTRACTING	\$50,000.00	\$150,000.00	\$50,000.00
4) EXCEL PAVING	\$50,000.00	\$150,000.00	\$50,000.00
5) ALL AMERICAN ASPHALT	\$50,000.00	\$150,000.00	\$50,000.00

1) AVERAGE BID	\$	50,000.00	\$	150,000.00	\$	50,000.00
2) STANDARD DEVIATION	\$	-	\$	-	\$	-
3) ENG. EST. - LOW BIDDER	\$	-	\$	-	\$	-

\* AS IN BID

	ITEM 121 ASBESTOS ABATEMENT AND LEAD REMEDIATION (ALLOWANCE ITEM)	GRAND TOTAL BID ITEMS 1-121	LOCAL BUSINESS PREFERENCE (DUE TO LOCAL BUSINESS PREFERENCE)
ENGINEERING ESTIMATE	\$100,000.00	\$44,182,800.00	\$0.00
1) SHAWMAN	\$100,000.00	\$28,225,250.00	\$(1,000,000.00)
2) GRIFFITH COMPANY	\$100,000.00	\$35,991,925.00	\$(1,000,000.00)
3) SULLY-MILLER CONTRACTING	\$100,000.00	\$37,925,550.00	\$(1,000,000.00)
4) EXCEL PAVING	\$100,000.00	\$40,679,950.00	\$(1,000,000.00)
5) ALL AMERICAN ASPHALT	\$100,000.00	* \$47,409,900.00 \$47,004,900.00	\$0.00
1) AVERAGE BID	\$	100,000.00	\$(800,000.00)
2) STANDARD DEVIATION	\$	-	447,213.60
3) ENG. EST. - LOW BIDDER	\$	-	1,000,000.00

\* AS IN BID

	REDUCED BID AMOUNT (DUE TO LOCAL BUSINESS PREFERENCE)
ENGINEERING ESTIMATE	\$44,182,800.00
1) SHAWNAN	\$27,225,250.00
2) GRIFFITH COMPANY	\$34,991,925.00
3) SULLY-MILLER CONTRACTING	\$36,925,550.00
4) EXCEL PAVING	\$39,679,950.00
5) ALL AMERICAN ASPHALT	* \$47,409,900.00 \$47,004,900.00

1) AVERAGE BID	\$	37,165,515.00
2) STANDARD DEVIATION	\$	7,188,998.98
3) ENG. EST. - LOW BIDDER	\$	16,957,550.00

  
 SHAUN SHAHRESTANI  
 Chief Harbor Engineer  
 Construction Division