2019 West River Road Improvements Phase III

BID OPENING: FEBRUARY 22, 2018 9:01 A.M.

					ENGINEER'S ESTIMATE		OTT EXCAVATING		A.J. RILEY INC.		SENGHAS CONSTRUCTION		ED BURDUE & COMPANY		PRECISION PAVING INC		BUCKEYE EXCAVATING	
Ref.	**Item**	**Description**	**Quantity**	**Unit**	**Unit Cost**	**Total Cost**	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost
1	103.5	Premium Contract Bond	1	LS	$2,500.00	$2,500.00	$ 7,360.00	$ 7,360.00	$ 5,000.00	$ 5,000.00	$ 5,000.00	$ 5,000.00	$ 4,900.00	$ 4,900.00	$ 2,575.00	$ 2,575.00	$ 3,250.00	$ 3,250.00
2	201	Clearing and Grubbing	1	LS	$1,000.00	$1,000.00	$ 2,400.00	$ 2,400.00	$ 2,000.00	$ 2,000.00	$ 1,000.00	$ 1,000.00	$ 1,500.00	$ 1,500.00	$ 500.00	$ 500.00	$ 3,000.00	$ 3,000.00
3	202	Existing Structure Removed	1	LS	$4,000.00	$4,000.00	$ 7,200.00	$ 7,200.00	$ 2,000.00	$ 2,000.00	$ 4,000.00	$ 4,000.00	$ 3,700.00	$ 3,700.00	$ 4,000.00	$ 4,000.00	$ 4,500.00	$ 4,500.00
4	202	Pipe Removed, less than 24"	400	FT	$2.00	$800.00	$ 3.00	$ 1,200.00	$ 3.00	$ 1,200.00	$ 2.00	$ 800.00	$ 6.00	$ 2,400.00	$ 2.00	$ 800.00	$ 3.50	$ 1,400.00
5	202	Guardrail Removed	150	FT	$5.00	$750.00	$ 2.10	$ 315.00	$ 2.00	$ 300.00	$ 2.00	$ 300.00	$ 2.50	$ 375.00	$ 2.00	$ 300.00	$ 3.50	$ 525.00
6	203	Excavation, including pavement, as per plan	400	CY	$35.00	$14,000.00	$ 28.82	$ 11,528.00	$ 40.00	$ 16,000.00	$ 30.00	$ 12,000.00	$ 18.00	$ 7,200.00	$ 27.00	$ 10,800.00	$ 15.00	$ 6,000.00
7	203	Embankment	500	CY	$10.00	$5,000.00	$ 12.90	$ 6,450.00	$ 15.00	$ 7,500.00	$ 10.00	$ 5,000.00	$ 17.00	$ 8,500.00	$ 15.00	$ 7,500.00	$ 18.00	$ 9,000.00
8	204	Subgrade Compaction	1,400	SY	$1.00	$1,400.00	$ 0.75	$ 1,050.00	$ 1.00	$ 1,400.00	$ 1.00	$ 1,400.00	$ 1.25	$ 1,750.00	$ 0.60	$ 840.00	$ 0.85	$ 1,190.00
9	254	Pavement Planing	70	SY	$20.00	$1,400.00	$ 26.25	$ 1,837.50	$ 30.00	$ 2,100.00	$ 25.00	$ 1,750.00	$ 26.50	$ 1,855.00	$ 24.00	$ 1,680.00	$ 7.50	$ 525.00
10	304	Aggergate Base, limestone, 6"	250	CY	$50.00	$12,500.00	$ 49.68	$ 12,420.00	$ 40.00	$ 10,000.00	$ 50.00	$ 12,500.00	$ 40.00	$ 10,000.00	$ 47.00	$ 11,750.00	$ 45.00	$ 11,250.00
11	301	Asphalt Base, 4"	150	CY	$140.00	$21,000.00	$ 141.75	$ 21,262.50	$ 135.00	$ 20,250.00	$ 142.00	$ 21,300.00	$ 149.10	$ 22,365.00	$ 142.00	$ 21,300.00	$ 164.00	$ 24,600.00
12	407	Tack Coat @ 0.1 Gal/SY	400	GAL	$4.00	$1,600.00	$ 2.63	$ 1,052.00	$ 2.50	$ 1,000.00	$ 2.50	$ 1,000.00	$ 2.60	$ 1,040.00	$ 2.00	$ 800.00	$ 2.75	$ 1,100.00
13	407	Tack Coat @ 0.05 Gal/SY	200	GAL	$4.00	$800.00	$ 2.63	$ 526.00	$ 2.50	$ 500.00	$ 2.50	$ 500.00	$ 2.60	$ 520.00	$ 2.00	$ 400.00	$ 2.75	$ 550.00
14	441	Asphalt Concrete, Intermediate, Type 2, 2" Avg.	230	CY	$140.00	$32,200.00	$ 145.95	$ 33,568.50	$ 139.00	$ 31,970.00	$ 134.00	$ 30,820.00	$ 140.70	$ 32,361.00	$ 145.00	$ 33,350.00	$ 148.00	$ 34,040.00
15	441	Asphalt Concrete, Surface, Type 1, 1 1/4"	140	CY	$150.00	$21,000.00	$ 168.00	$ 23,520.00	$ 160.00	$ 22,400.00	$ 178.00	$ 24,920.00	$ 187.00	$ 26,180.00	$ 164.00	$ 22,960.00	$ 196.00	$ 27,440.00
16	411	Stabilized Crushed Aggergate (berm & drives)	200	TON	$50.00	$10,000.00	$ 47.51	$ 9,502.00	$ 45.00	$ 9,000.00	$ 50.00	$ 10,000.00	$ 48.00	$ 9,600.00	$ 32.00	$ 6,400.00	$ 36.00	$ 7,200.00
17	503	Unclassfied Excavation	1	LS	$10,000.00	$10,000.00	$ 8,850.00	$ 8,850.00	$ 5,000.00	$ 5,000.00	$ 8,000.00	$ 8,000.00	$ 15,750.00	$ 15,750.00	$ 6,000.00	$ 6,000.00	$ 4,200.00	$ 4,200.00
18	509	Expoxy Coated Reinforcing Steel	4,220	LBS	$1.75	$7,385.00	$ 1.68	$ 7,089.60	$ 1.80	$ 7,596.00	$ 1.50	$ 6,330.00	$ 2.00	$ 8,440.00	$ 1.70	$ 7,174.00	$ 1.75	$ 7,385.00
19	511	Class QC1 Concrete	53	CY	$575.00	$30,475.00	$ 623.70	$ 33,056.10	$ 625.00	$ 33,125.00	$ 600.00	$ 31,800.00	$ 682.50	$ 36,172.50	$ 885.00	$ 46,905.00	$ 700.00	$ 37,100.00
20	512	Sealing Concrete Surface, Epoxy Urethane	40	SY	$35.00	$1,400.00	$ 38.85	$ 1,554.00	$ 50.00	$ 2,000.00	$ 35.00	$ 1,400.00	$ 26.25	$ 1,050.00	$ 37.00	$ 1,480.00	$ 41.00	$ 1,640.00
21	518	Porous Backfill w/ filter fabric	30	CY	$60.00	$1,800.00	$ 95.39	$ 2,861.70	$ 80.00	$ 2,400.00	$ 50.00	$ 1,500.00	$ 63.00	$ 1,890.00	$ 80.00	$ 2,400.00	$ 61.00	$ 1,830.00
22	518	4" PVC Perforated Pipe, 707.41 (SDR 35)	100	FT	$8.00	$800.00	$ 2.81	$ 281.00	$ 12.00	$ 1,200.00	$ 10.00	$ 1,000.00	$ 7.00	$ 700.00	$ 12.00	$ 1,200.00	$ 6.00	$ 600.00
23	601	Rock Channel Protection, Type C w/filter, As Per Plan	70	TON	$50.00	$3,500.00	$ 50.90	$ 3,563.00	$ 50.00	$ 3,500.00	$ 50.00	$ 3,500.00	$ 31.50	$ 2,205.00	$ 48.00	$ 3,360.00	$ 71.00	$ 4,970.00
24	601	Rock Channel Protection, Type A , as per plan	60	TON	$80.00	$4,800.00	$ 52.12	$ 3,127.20	$ 50.00	$ 3,000.00	$ 70.00	$ 4,200.00	$ 36.75	$ 2,205.00	$ 62.00	$ 3,720.00	$ 86.00	$ 5,160.00
25	606	Guardrail , Type MGS	112.5	FT	$25.00	$2,812.50	$ 21.84	$ 2,457.00	$ 25.00	$ 2,812.50	$ 20.80	$ 2,340.00	$ 21.85	$ 2,458.13	$ 20.80	$ 2,340.00	$ 23.00	$ 2,587.50
26	606	Guardrail, Type MGS (20' Radius)	50.0	FT	$30.00	$1,500.00	$ 24.78	$ 1,239.00	$ 25.00	$ 1,250.00	$ 23.60	$ 1,180.00	$ 24.80	$ 1,240.00	$ 23.60	$ 1,180.00	$ 26.00	$ 1,300.00
27	607	Guardrail, Type MGS (50' Radius)	12.5	FT	$30.00	$375.00	$ 24.78	$ 309.75	$ 25.00	$ 312.50	$ 23.60	$ 295.00	$ 24.80	$ 310.00	$ 23.60	$ 295.00	$ 26.00	$ 325.00
28	606	Guardrail Long Span 18'-9", as per plan	87.5	FT	$40.00	$3,500.00	$ 23.52	$ 2,058.00	$ 25.00	$ 2,187.50	$ 22.40	$ 1,960.00	$ 23.50	$ 2,056.25	$ 22.40	$ 1,960.00	$ 26.00	$ 2,275.00
29	606	Guardrail, Type T	4	EA	$900.00	$3,600.00	$ 992.25	$ 3,969.00	$ 1,000.00	$ 4,000.00	$ 945.00	$ 3,780.00	$ 992.25	$ 3,969.00	$ 945.00	$ 3,780.00	$ 1,040.00	$ 4,160.00
30	626	Barrier Reflector, Type A-2	20	EA	$15.00	$300.00	$ 7.35	$ 147.00	$ 12.00	$ 240.00	$ 20.00	$ 400.00	$ 7.35	$ 147.00	$ 7.00	$ 140.00	$ 7.75	$ 155.00
31	611	60" Conduit Type B, 706.02, Class III Conc., As Per Plan	48	FT	$600.00	$28,800.00	$ 329.00	$ 15,792.00	$ 400.00	$ 19,200.00	$ 600.00	$ 28,800.00	$ 425.00	$ 20,400.00	$ 570.00	$ 27,360.00	$ 460.00	$ 22,080.00
32	611	12" Conduit Type C, 707.33 (N-12)	884	FT	$25.00	$22,100.00	$ 20.77	$ 18,360.68	$ 16.00	$ 14,144.00	$ 25.00	$ 22,100.00	$ 25.00	$ 22,100.00	$ 28.00	$ 24,752.00	$ 32.00	$ 28,288.00
33	611	12" Conduit Type B, 707.33 (N-12)	56	FT	$40.00	$2,240.00	$ 36.33	$ 2,034.48	$ 70.00	$ 3,920.00	$ 40.00	$ 2,240.00	$ 30.00	$ 1,680.00	$ 80.00	$ 4,480.00	$ 51.00	$ 2,856.00
34	611	15" Conduit Type B, 707.33 (N-12)	151	FT	$50.00	$7,550.00	$ 41.00	$ 6,191.00	$ 70.00	$ 10,570.00	$ 50.00	$ 7,550.00	$ 40.00	$ 6,040.00	$ 45.00	$ 6,795.00	$ 36.00	$ 5,436.00
35	611	8"-12" Conduit, PVC -707.41,	10	FT	$30.00	$300.00	$ 14.50	$ 145.00	$ 14.00	$ 140.00	$ 30.00	$ 300.00	$ 30.00	$ 300.00	$ 25.00	$ 250.00	$ 30.00	$ 300.00
36	611	6" Conduit, PVC -707.41,	20	FT	$20.00	$400.00	$ 10.00	$ 200.00	$ 12.00	$ 240.00	$ 20.00	$ 400.00	$ 18.00	$ 360.00	$ 12.00	$ 240.00	$ 17.00	$ 340.00
37	611	4" Conduit, PVC -707.41,	40	FT	$10.00	$400.00	$ 6.50	$ 260.00	$ 12.00	$ 480.00	$ 10.00	$ 400.00	$ 10.00	$ 400.00	$ 8.00	$ 320.00	$ 14.00	$ 560.00
38	611	Catch Basin, 2-2B	7	EA	$1,000.00	$7,000.00	$ 990.00	$ 6,930.00	$ 700.00	$ 4,900.00	$ 1,000.00	$ 7,000.00	$ 950.00	$ 6,650.00	$ 1,000.00	$ 7,000.00	$ 1,375.00	$ 9,625.00
39	611	Catch Basin, 2-3	3	EA	$1,200.00	$3,600.00	$ 1,335.00	$ 4,005.00	$ 900.00	$ 2,700.00	$ 1,200.00	$ 3,600.00	$ 1,350.00	$ 4,050.00	$ 1,100.00	$ 3,300.00	$ 1,725.00	$ 5,175.00
40	602	Half Height Headwalls	4	EA	$500.00	$2,000.00	$ 545.00	$ 2,180.00	$ 800.00	$ 3,200.00	$ 500.00	$ 2,000.00	$ 500.00	$ 2,000.00	$ 500.00	$ 2,000.00	$ 1,085.00	$ 4,340.00
41	614	Maintaining Traffic	1	LS	$5,000.00	$5,000.00	$ 2,100.00	$ 2,100.00	$ 2,000.00	$ 2,000.00	$ 5,800.00	$ 5,800.00	$ 6,500.00	$ 6,500.00	$ 3,000.00	$ 3,000.00	$ 9,100.00	$ 9,100.00
42	624	Mobilization	1	LS	$5,000.00	$5,000.00	$ 4,228.75	$ 4,228.75	$ 12,750.00	$ 12,750.00	$ 7,000.00	$ 7,000.00	$ 4,500.00	$ 4,500.00	$ 2,700.00	$ 2,700.00	$ 6,800.00	$ 6,800.00
43	642	Center Line	0.3	MILE	$2,500.00	$750.00	$ 2,100.00	$ 630.00	$ 5,000.00	$ 1,500.00	$ 2,000.00	$ 600.00	$ 2,100.00	$ 630.00	$ 2,000.00	$ 600.00	$ 3,200.00	$ 960.00
44	642	Edge Line	0.6	MILE	$2,000.00	$1,200.00	$ 1,050.00	$ 630.00	$ 2,000.00	$ 1,200.00	$ 1,000.00	$ 600.00	$ 1,050.00	$ 630.00	$ 1,000.00	$ 600.00	$ 2,150.00	$ 1,290.00
45	644	Stop Bar	15	FT	$20.00	$300.00	$ 15.75	$ 236.25	$ 25.00	$ 375.00	$ 15.00	$ 225.00	$ 15.75	$ 236.25	$ 15.00	$ 225.00	$ 21.00	$ 315.00
46	630	Ground Mounted Support, Square Posts, 730.016	24	Ft	$20.00	$480.00	$ 15.75	$ 378.00	$ 15.00	$ 360.00	$ 15.00	$ 360.00	$ 15.75	$ 378.00	$ 15.00	$ 360.00	$ 14.00	$ 336.00
47	630	Sign Posts Reflectors	2	EA	$40.00	$80.00	$ 26.25	$ 52.50	$ 55.00	$ 110.00	$ 25.00	$ 50.00	$ 26.25	$ 52.50	$ 25.00	$ 50.00	$ 55.00	$ 110.00
48	630	Sign, Flat Sheet - 36" R1-1, Stop	1	EA	$150.00	$150.00	$ 131.25	$ 131.25	$ 230.00	$ 230.00	$ 125.00	$ 125.00	$ 131.25	$ 131.25	$ 125.00	$ 125.00	$ 121.00	$ 121.00
49	630	Sign, Flat Sheet - 36" W3-1, Stop Ahead	1	EA	$150.00	$150.00	$ 131.25	$ 131.25	$ 230.00	$ 230.00	$ 125.00	$ 125.00	$ 131.25	$ 131.25	$ 125.00	$ 125.00	$ 121.00	$ 121.00
50	630	Sign, Flat Sheet- 24"x48" W1-7, Arrow	1	EA	$175.00	$175.00	$ 131.25	$ 131.25	$ 230.00	$ 230.00	$ 125.00	$ 125.00	$ 131.25	$ 131.25	$ 125.00	$ 125.00	$ 112.00	$ 112.00
51	653	Top Soil Furnished & Placed, 4" Thick	200	CY	$40.00	$8,000.00	$ 20.00	$ 4,000.00	$ 35.00	$ 7,000.00	$ 30.00	$ 6,000.00	$ 38.00	$ 7,600.00	$ 43.00	$ 8,600.00	$ 15.00	$ 3,000.00
52	659	Seeding & Mulching, Class 1	2,000	SY	$2.00	$4,000.00	$ 1.90	$ 3,800.00	$ 1.75	$ 3,500.00	$ 1.00	$ 2,000.00	$ 1.50	$ 3,000.00	$ 1.00	$ 2,000.00	$ 3.25	$ 6,500.00
53	659	Commercial Fertilizer, 19-19-19	0.1	TON	$500.00	$50.00	$ 1,092.50	$ 109.25	$ 1,000.00	$ 100.00	$ 1,000.00	$ 100.00	$ 900.00	$ 90.00	$ 900.00	$ 90.00	$ 500.00	$ 50.00
54	Spec.	Sandstone Removed & Reused and/or delivered	1	LS	$2,000.00	$2,000.00	$ 1,500.00	$ 1,500.00	$ 9,000.00	$ 9,000.00	$ 2,000.00	$ 2,000.00	$ 1,000.00	$ 1,000.00	$ 1,600.00	$ 1,600.00	$ 5,300.00	$ 5,300.00
55	Spec.	Contingencies	1	LS	$6,077.50	$6,077.50		$ 6,077.50		$ 6,077.50		$ 6,077.50		$ 6,077.50		$ 6,077.50		$ 6,077.50
						$310,000.00		**$ 291,988.01**		**$ 305,400.00**		**$ 305,552.50**		**$ 307,906.88**		**$ 310,663.50**		**$ 328,450.00**
					SUBCONTRACTORS:		***AJ RILEY***				***ARL***		***ERIE BLACKTOP***		***AMERICAN ROADWAY***		***ERIE BLACKTOP***	
							LAKE ERIE				***LAKE ERIE***		***AMERICAN ROADWAY***		***WELFLE INC***		***RMH***	
							Correct price based on						***SHALK BROTHERS***		***LAKE ERIE***		***LAKE ERIE***	
							Quantity X Unit Price						***LAKE ERIE***		***RMH CONCRETE***		***OGLESBY***	