

BID SUMMARY				ENGINEERS' ESTIMATE		Mowat Construction Company Woodinville, WA		Selland Construction Wenatchee, WA		Apollo, Inc. Kennewick, WA		C. A. Carey Corporation Issaquah, WA		
Yakima Railroad Grade Separations, Phase 3 Martin Luther King, Jr. Boulevard Fed Aid No. STPX-NCPD-000S(062), City Project No. 1818														
ITEM NO.	BID SECURITY		QTY	UNIT										
	ITEM				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
MOBILIZATION														
1	Mobilization		1	LS	\$ 936,764.00	\$ 936,764.00	\$ 923,000.00	\$ 923,000.00	\$ 849,000.00	\$ 849,000.00	\$ 859,400.00	\$ 859,400.00	\$ 980,000.00	\$ 980,000.00
PREPARATION														
2	Removal of Structure and Obstruction		1	LS	\$ 60,000.00	\$ 60,000.00	\$ 64,400.00	\$ 64,400.00	\$ 350,000.00	\$ 350,000.00	\$ 67,300.00	\$ 67,300.00	\$ 130,000.00	\$ 130,000.00
3	Removing Paint Line		900	LF	\$ 0.75	\$ 675.00	\$ 1.00	\$ 900.00	\$ 1.00	\$ 900.00	\$ 1.00	\$ 900.00	\$ 1.00	\$ 900.00
4	Removing Painted Traffic Marking		4	EA	\$ 30.50	\$ 122.00	\$ 65.00	\$ 260.00	\$ 65.00	\$ 260.00	\$ 68.00	\$ 272.00	\$ 175.00	\$ 700.00
5	Removing Painted Crosswalk Line		400	SF	\$ 3.00	\$ 1,200.00	\$ 0.65	\$ 260.00	\$ 0.65	\$ 260.00	\$ 0.70	\$ 280.00	\$ 3.00	\$ 1,200.00
GRADING														
6	Roadway Excavation Incl. Haul		25500	CY	\$ 10.00	\$ 255,000.00	\$ 10.15	\$ 258,825.00	\$ 13.00	\$ 331,500.00	\$ 8.83	\$ 225,165.00	\$ 11.50	\$ 293,250.00
STORMWATER SYSTEM														
7	Underdrain Pipe 4 In. Diam.		5886	LF	\$ 7.00	\$ 41,202.00	\$ 8.25	\$ 48,559.50	\$ 13.00	\$ 76,518.00	\$ 1.95	\$ 11,477.70	\$ 10.00	\$ 58,860.00
8	Drain Pipe 4 In. Diam.		80	LF	\$ 25.00	\$ 2,000.00	\$ 15.00	\$ 1,200.00	\$ 10.00	\$ 800.00	\$ 1.75	\$ 140.00	\$ 25.00	\$ 2,000.00
9	Catch Basin Type 1		31	EA	\$ 800.00	\$ 24,800.00	\$ 945.00	\$ 29,295.00	\$ 1,500.00	\$ 46,500.00	\$ 682.00	\$ 21,142.00	\$ 1,150.00	\$ 35,650.00
10	Catch Basin Type 2, 48 In. Diam.		1	EA	\$ 2,500.00	\$ 2,500.00	\$ 1,985.00	\$ 1,985.00	\$ 3,000.00	\$ 3,000.00	\$ 2,850.00	\$ 2,850.00	\$ 2,950.00	\$ 2,950.00
11	Corrugated Polyethylene Storm Sewer Pipe 10 In. Diam.		680	LF	\$ 20.00	\$ 13,600.00	\$ 21.70	\$ 14,756.00	\$ 35.00	\$ 23,800.00	\$ 5.35	\$ 3,638.00	\$ 28.00	\$ 19,040.00
12	Corrugated Polyethylene Storm Sewer Pipe 12 In. Diam.		450	LF	\$ 25.00	\$ 11,250.00	\$ 22.70	\$ 10,215.00	\$ 37.00	\$ 16,650.00	\$ 7.15	\$ 3,217.50	\$ 30.00	\$ 13,500.00
13	Ductile Iron Storm Sewer Pipe 8 In. Diam		590	LF	\$ 35.00	\$ 20,650.00	\$ 38.90	\$ 22,951.00	\$ 60.00	\$ 35,400.00	\$ 46.00	\$ 27,140.00	\$ 52.00	\$ 30,680.00
14	Ductile Iron Storm Sewer Pipe 14 In. Diam		16	LF	\$ 75.00	\$ 1,200.00	\$ 88.00	\$ 1,408.00	\$ 500.00	\$ 8,000.00	\$ 31.60	\$ 505.60	\$ 90.00	\$ 1,440.00
15	Testing Storm Sewer Pipe		1690	LF	\$ 2.00	\$ 3,380.00	\$ 1.00	\$ 1,690.00	\$ 1.00	\$ 1,690.00	\$ 0.01	\$ 16.90	\$ 4.00	\$ 6,760.00
16	Plain Conc., or V.C. Sewer Pipe 6 In. Diam		15	LF	\$ 20.00	\$ 300.00	\$ 30.00	\$ 450.00	\$ 70.00	\$ 1,050.00	\$ 71.00	\$ 1,065.00	\$ 60.00	\$ 900.00
17	Structural Excavation Class B Incl. Haul		700	CY	\$ 20.00	\$ 14,000.00	\$ 9.50	\$ 6,650.00	\$ 5.00	\$ 3,500.00	\$ 9.45	\$ 6,615.00	\$ 19.00	\$ 13,300.00
18	Structural Excavation Class B Incl. Haul - Bottom Seal		436	CY	\$ 150.00	\$ 65,400.00	\$ 16.00	\$ 6,976.00	\$ 5.00	\$ 2,180.00	\$ 39.95	\$ 17,418.20	\$ 18.00	\$ 7,848.00
19	Shoring or Extra Excavation Class B		20	SF	\$ 5.00	\$ 100.00	\$ 2.50	\$ 50.00	\$ 5.00	\$ 100.00	\$ 1.00	\$ 20.00	\$ 150.00	\$ 3,000.00
20	Gravel Backfill for Drain		80	CY	\$ 20.00	\$ 1,600.00	\$ 38.00	\$ 3,040.00	\$ 40.00	\$ 3,200.00	\$ 27.80	\$ 2,224.00	\$ 38.00	\$ 3,040.00
21	Controlled Density Fill		170	CY	\$ 100.00	\$ 17,000.00	\$ 90.00	\$ 15,300.00	\$ 120.00	\$ 20,400.00	\$ 90.00	\$ 15,300.00	\$ 105.00	\$ 17,850.00
22	Construction Geotextile for Underground Drainage		825	SY	\$ 5.00	\$ 4,125.00	\$ 2.20	\$ 1,815.00	\$ 1.00	\$ 825.00	\$ 0.75	\$ 618.75	\$ 2.00	\$ 1,650.00
23	Connection to Drainage Structure		7	EA	\$ 500.00	\$ 3,500.00	\$ 950.00	\$ 6,650.00	\$ 500.00	\$ 3,500.00	\$ 735.00	\$ 5,145.00	\$ 500.00	\$ 3,500.00
24	Storm Sewer Bypass		1	LS	\$ 5,000.00	\$ 5,000.00	\$ 30,000.00	\$ 30,000.00	\$ 10,000.00	\$ 10,000.00	\$ 3,145.00	\$ 3,145.00	\$ 34,000.00	\$ 34,000.00
25	Pump Station		1	LS	\$ 325,000.00	\$ 325,000.00	\$ 250,000.00	\$ 250,000.00	\$ 250,000.00	\$ 250,000.00	\$ 181,000.00	\$ 181,000.00	\$ 390,000.00	\$ 390,000.00
26	Wetwell Shoring		1	LS	\$ 120,000.00	\$ 120,000.00	\$ 156,000.00	\$ 156,000.00	\$ 14.00	\$ 14.00	\$ 130,000.00	\$ 130,000.00	\$ 100,000.00	\$ 100,000.00
(continued on page 2)														

CITY ENGINEERS REPORT

COMPETITIVE BIDS WERE OPENED ON Nov. 27, 2012.
ALL BIDS HAVE BEEN REVIEWED BY THIS OFFICE.
I RECOMMEND THE CONTRACT BE AWARDED TO:

MOWAT CONSTRUCTION CO.



AWARD MADE BY CITY MANAGER

12/4/12
DATE
CITY ENGINEER

12/5/12
DATE
CITY MANAGER

CITY OF YAKIMA

Yakima Railroad Grade Separations, Phase 3
Martin Luther King, Jr. Boulevard

Fed. Aid No.: STPX-NCPD-000S(062)

PROJECT NO. 1818

DATE: 11/27/2012

FILE: \\Cityeng\engimages\BidSummaries\MLK Grade Separation

BID SUMMARY Yakima Railroad Grade Separations, Phase 3 Martin Luther King, Jr. Boulevard Fed Aid No. STPX-NCPD-000S(062), City Project No. 1818				ENGINEERS' ESTIMATE		Mowat Construction Company Woodinville, WA		Selland Construction Wenatchee, WA		Apollo, Inc. Kennewick, WA		C. A. Carey Corporation Issaquah, WA		
ITEM NO.	BID SECURITY		QTY	UNIT										
	ITEM				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
WATER LINES														
27	Comb. Air Release/Air Vacuum Valve Assembly 2 In.		3	EA	\$ 3,500.00	\$ 10,500.00	\$ 5,600.00	\$ 16,800.00	\$ 3,000.00	\$ 9,000.00	\$ 5,035.00	\$ 15,105.00	\$ 3,500.00	\$ 10,500.00
28	Service Connection 1 1/2 Diam.		1	EA	\$ 1,700.00	\$ 1,700.00	\$ 5,000.00	\$ 5,000.00	\$ 2,500.00	\$ 2,500.00	\$ 3,500.00	\$ 3,500.00	\$ 2,200.00	\$ 2,200.00
29	Ductile Iron Pipe for Water Main 12 In. Diam.		230	LF	\$ 75.00	\$ 17,250.00	\$ 135.00	\$ 31,050.00	\$ 250.00	\$ 57,500.00	\$ 154.00	\$ 35,420.00	\$ 190.00	\$ 43,700.00
30	Pipe Insulation		40	LF	\$ 100.00	\$ 4,000.00	\$ 30.00	\$ 1,200.00	\$ 100.00	\$ 4,000.00	\$ 95.00	\$ 3,800.00	\$ 100.00	\$ 4,000.00
31	Connection to Existing Water Main 2 In. Temp. Blowoff		2	EA	\$ 2,000.00	\$ 4,000.00	\$ 1,200.00	\$ 2,400.00	\$ 1,500.00	\$ 3,000.00	\$ 1,820.00	\$ 3,640.00	\$ 2,600.00	\$ 5,200.00
32	Steel Casing 22 In. Diam. For Water Main		115	LF	\$ 390.00	\$ 44,850.00	\$ 240.00	\$ 27,600.00	\$ 500.00	\$ 57,500.00	\$ 241.00	\$ 27,715.00	\$ 530.00	\$ 60,950.00
33	Heat Tracing System		1	LS	\$ 1,000.00	\$ 1,000.00	\$ 1,500.00	\$ 1,500.00	\$ 3,000.00	\$ 3,000.00	\$ 2,200.00	\$ 2,200.00	\$ 1,000.00	\$ 1,000.00
34	Galvanic Anode		2	EA	\$ 500.00	\$ 1,000.00	\$ 2,000.00	\$ 4,000.00	\$ 1,500.00	\$ 3,000.00	\$ 790.00	\$ 1,580.00	\$ 600.00	\$ 1,200.00
35	Shoring or Extra Excavation Class B		280	SF	\$ 5.00	\$ 1,400.00	\$ 3.00	\$ 840.00	\$ 1.00	\$ 280.00	\$ 1.00	\$ 280.00	\$ 10.00	\$ 2,800.00
36	Plugging Existing Pipe		2	EA	\$ 250.00	\$ 500.00	\$ 250.00	\$ 500.00	\$ 150.00	\$ 300.00	\$ 380.00	\$ 760.00	\$ 250.00	\$ 500.00
Structure (CIP Cantilever Wall/Moment Slab)														
37	Conc. Class 4000 for Retaining Wall		230	CY	\$ 510.00	\$ 117,300.00	\$ 400.00	\$ 92,000.00	\$ 625.00	\$ 143,750.00	\$ 450.00	\$ 103,500.00	\$ 535.00	\$ 123,050.00
38	St. Reinf. Bar for Retaining Wall		23800	LB	\$ 1.10	\$ 26,180.00	\$ 1.00	\$ 23,800.00	\$ 1.00	\$ 23,800.00	\$ 0.87	\$ 20,706.00	\$ 1.15	\$ 27,370.00
39	Conc. Class 4000 for Barrier		110	CY	\$ 680.00	\$ 74,800.00	\$ 1,500.00	\$ 165,000.00	\$ 1,550.00	\$ 170,500.00	\$ 1,345.00	\$ 147,950.00	\$ 760.00	\$ 83,600.00
40	St. Reinf. Bar for Barrier		29700	LB	\$ 0.90	\$ 26,730.00	\$ 1.00	\$ 29,700.00	\$ 1.00	\$ 29,700.00	\$ 0.87	\$ 25,839.00	\$ 1.15	\$ 34,155.00
41	Bridge Railing Type BP for Wall Barrier		1490	LF	\$ 75.00	\$ 111,750.00	\$ 60.00	\$ 89,400.00	\$ 60.00	\$ 89,400.00	\$ 78.00	\$ 116,220.00	\$ 85.00	\$ 126,650.00
42	Conc. Class 4000 for Free-Standing Barrier		14	CY	\$ 800.00	\$ 11,200.00	\$ 1,000.00	\$ 14,000.00	\$ 1,350.00	\$ 18,900.00	\$ 944.00	\$ 13,216.00	\$ 900.00	\$ 12,600.00
43	St. Reinf. Bar for Free-Standing Barrier		3600	LB	\$ 0.90	\$ 3,240.00	\$ 0.90	\$ 3,240.00	\$ 1.00	\$ 3,600.00	\$ 0.87	\$ 3,132.00	\$ 1.00	\$ 3,600.00
44	Conc. Class 4000 for Impact Attenuator Footing		2	CY	\$ 500.00	\$ 1,000.00	\$ 500.00	\$ 1,000.00	\$ 1,250.00	\$ 2,500.00	\$ 360.00	\$ 720.00	\$ 1,025.00	\$ 2,050.00
45	St. Reinf. Bar for Impact Attenuator Footing		200	LB	\$ 0.90	\$ 180.00	\$ 1.23	\$ 246.00	\$ 1.00	\$ 200.00	\$ 0.87	\$ 174.00	\$ 2.00	\$ 400.00
46	Single Slope Concrete Barrier		630	LF	\$ 85.00	\$ 53,550.00	\$ 100.00	\$ 63,000.00	\$ 110.00	\$ 69,300.00	\$ 130.00	\$ 81,900.00	\$ 115.00	\$ 72,450.00
47	Std. Hand Rail Pedestrian Railing		650	LF	\$ 120.00	\$ 78,000.00	\$ 107.00	\$ 69,550.00	\$ 50.00	\$ 32,500.00	\$ 115.00	\$ 74,750.00	\$ 125.00	\$ 81,250.00
48	Single Slope Concrete Barrier Transition		2	EA	\$ 8,000.00	\$ 16,000.00	\$ 5,000.00	\$ 10,000.00	\$ 10,000.00	\$ 20,000.00	\$ 4,150.00	\$ 8,300.00	\$ 1,200.00	\$ 2,400.00
(EARTHWORK)														
49	Structure Excavation Class A Incl. Haul		3200	CY	\$ 18.00	\$ 57,600.00	\$ 11.40	\$ 36,480.00	\$ 35.00	\$ 112,000.00	\$ 13.60	\$ 43,520.00	\$ 13.00	\$ 41,600.00
50	Shoring or Extra Excavation Class A		1	LS	\$ 120,000.00	\$ 120,000.00	\$ 20,000.00	\$ 20,000.00	\$ 5,000.00	\$ 5,000.00	\$ 48,600.00	\$ 48,600.00	\$ 10,000.00	\$ 10,000.00
51	Gravel Backfill for Wall		700	CY	\$ 30.00	\$ 21,000.00	\$ 31.90	\$ 22,330.00	\$ 40.00	\$ 28,000.00	\$ 40.40	\$ 28,280.00	\$ 34.00	\$ 23,800.00
(WALL CAP)														
52	Conc. Class 4000 for Wall Cap		1670	CY	\$ 425.00	\$ 709,750.00	\$ 400.00	\$ 668,000.00	\$ 550.00	\$ 918,500.00	\$ 321.00	\$ 536,070.00	\$ 426.00	\$ 711,420.00
53	St. Reinf. Bar for Wall Cap		284200	LB	\$ 0.80	\$ 227,360.00	\$ 1.14	\$ 323,988.00	\$ 1.00	\$ 284,200.00	\$ 0.87	\$ 247,254.00	\$ 1.10	\$ 312,620.00
(continued on page 3)														



CITY OF YAKIMA

Yakima Railroad Grade Separations, Phase 3
Martin Luther King, Jr. Boulevard

Fed. Aid No.: STPX-NCPD-000S(062)

PROJECT NO. 1818

DATE: 11/27/2012

FILE: \\Cityeng\engimages\BidSummaries\MLK Grade Separation

BID SUMMARY				ENGINEERS' ESTIMATE		Mowat Construction Company Woodinville, WA		Selland Construction Wenatchee, WA		Apollo, Inc. Kennewick, WA		C. A. Carey Corporation Issaquah, WA			
Yakima Railroad Grade Separations, Phase 3 Martin Luther King, Jr. Boulevard Fed Aid No. STPX-NCPD-000S(062), City Project No. 1818															
ITEM NO.	BID SECURITY			QTY	UNIT	ENGINEERS' ESTIMATE		Mowat Construction Company		Selland Construction		Apollo, Inc.		C. A. Carey Corporation	
	ITEM					UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
	(Soldier Pile Walls)														
54	Shaft - 39 In. Diam.	660	LF	\$ 250.00	\$ 165,000.00	\$ 319.00	\$ 210,540.00	\$ 320.00	\$ 211,200.00	\$ 264.00	\$ 174,240.00	\$ 365.00	\$ 240,900.00		
55	Furnishing Soldier Pile - W24X103	660	LF	\$ 110.00	\$ 72,600.00	\$ 57.00	\$ 37,620.00	\$ 60.00	\$ 39,600.00	\$ 71.50	\$ 47,190.00	\$ 66.00	\$ 43,560.00		
56	Lagging for Underpass Wall	2630	SF	\$ 15.00	\$ 39,450.00	\$ 11.70	\$ 30,771.00	\$ 12.00	\$ 31,560.00	\$ 8.95	\$ 23,538.50	\$ 14.00	\$ 36,820.00		
57	Concrete Fascia Panel	2630	SF	\$ 35.00	\$ 92,050.00	\$ 25.00	\$ 65,750.00	\$ 42.00	\$ 110,460.00	\$ 25.30	\$ 66,539.00	\$ 38.00	\$ 99,940.00		
58	Removing Shaft Obstruction - Soldier Pile	1	DOL	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00		
	(BNSF Shoring Wall)														
59	Shaft - 36 In. Diam.	340	LF	\$ 200.00	\$ 68,000.00	\$ 384.00	\$ 130,560.00	\$ 400.00	\$ 136,000.00	\$ 240.50	\$ 81,770.00	\$ 265.00	\$ 90,100.00		
60	Furnishing Soldier Pile - W21X93	210	LF	\$ 100.00	\$ 21,000.00	\$ 52.40	\$ 11,004.00	\$ 55.00	\$ 11,550.00	\$ 64.70	\$ 13,587.00	\$ 58.00	\$ 12,180.00		
61	Furnishing Soldier Pile - W21X55	130	LF	\$ 65.00	\$ 8,450.00	\$ 31.50	\$ 4,095.00	\$ 32.00	\$ 4,160.00	\$ 44.70	\$ 5,811.00	\$ 58.00	\$ 7,540.00		
62	Lagging for BNSF Shoring	650	SF	\$ 15.00	\$ 9,750.00	\$ 17.00	\$ 11,050.00	\$ 16.00	\$ 10,400.00	\$ 11.05	\$ 7,182.50	\$ 12.00	\$ 7,800.00		
63	Removing Shaft Obstruction - Shoring Wall	1	DOL	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00		
	(Shotcrete Facing)														
64	Shotcrete Facing	11200	SF	\$ 20.00	\$ 224,000.00	\$ 25.00	\$ 280,000.00	\$ 23.00	\$ 257,600.00	\$ 23.50	\$ 263,200.00	\$ 23.00	\$ 257,600.00		
65	Prefabricated Drainage Material	1540	SY	\$ 15.00	\$ 23,100.00	\$ 12.00	\$ 18,480.00	\$ 17.00	\$ 26,180.00	\$ 21.90	\$ 33,726.00	\$ 20.00	\$ 30,800.00		
	(Secant Pile Wall)														
66	Soil Excavation for Shaft Incl. Haul	3140	CY	\$ 130.00	\$ 408,200.00	\$ 267.00	\$ 838,380.00	\$ 325.00	\$ 1,020,500.00	\$ 148.53	\$ 466,384.20	\$ 305.00	\$ 957,700.00		
67	Furnishing and Placing Temp. Casing for 4 Ft. Diam. Shaft	6890	LF	\$ 110.00	\$ 757,900.00	\$ 15.00	\$ 103,350.00	\$ 16.00	\$ 110,240.00	\$ 56.80	\$ 391,352.00	\$ 18.00	\$ 124,020.00		
68	Lean Concrete for Shaft	1440	CY	\$ 120.00	\$ 172,800.00	\$ 131.00	\$ 188,640.00	\$ 150.00	\$ 216,000.00	\$ 167.50	\$ 241,200.00	\$ 145.00	\$ 208,800.00		
69	Conc. Class 4000P for Shaft	1770	CY	\$ 200.00	\$ 354,000.00	\$ 168.00	\$ 297,360.00	\$ 150.00	\$ 265,500.00	\$ 202.63	\$ 358,655.10	\$ 190.00	\$ 336,300.00		
70	St. Reinf. Bar for Shaft	424000	LB	\$ 0.85	\$ 360,400.00	\$ 0.96	\$ 407,040.00	\$ 1.00	\$ 424,000.00	\$ 0.87	\$ 368,880.00	\$ 1.00	\$ 424,000.00		
71	CSL Access Tube	15150	LF	\$ 5.00	\$ 75,750.00	\$ 10.00	\$ 151,500.00	\$ 7.00	\$ 106,050.00	\$ 3.50	\$ 53,025.00	\$ 7.00	\$ 106,050.00		
72	CSL Test	162	EA	\$ 700.00	\$ 113,400.00	\$ 500.00	\$ 81,000.00	\$ 500.00	\$ 81,000.00	\$ 627.00	\$ 101,574.00	\$ 575.00	\$ 93,150.00		
73	Removing Shaft Obstruction	1	DOL	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00		
	(Bottom Seal)														
74	Tremie Seal Temporary Bracing	1	LS	\$ 45,000.00	\$ 45,000.00	\$ 75,000.00	\$ 75,000.00	\$ 40,000.00	\$ 40,000.00	\$ 39,000.00	\$ 39,000.00	\$ 26,000.00	\$ 26,000.00		
75	Tremie Seal Excavation Incl. Haul	3403	CY	\$ 15.00	\$ 51,045.00	\$ 10.15	\$ 34,540.45	\$ 22.00	\$ 74,866.00	\$ 10.40	\$ 35,391.20	\$ 13.00	\$ 44,239.00		
76	Lean Concrete for Tremie Seal	3403	CY	\$ 180.00	\$ 612,540.00	\$ 125.00	\$ 425,375.00	\$ 175.00	\$ 595,525.00	\$ 110.00	\$ 374,330.00	\$ 130.00	\$ 442,390.00		
77	Drilled Seal	1	LS	\$ 2,777,440.00	\$ 2,777,440.00	\$ 1,282,000.00	\$ 1,282,000.00	\$ 1,350,000.00	\$ 1,350,000.00	\$ 2,746,450.00	\$ 2,746,450.00	\$ 1,600,000.00	\$ 1,600,000.00		
78	Additional Bottom Seal Leak Repair	1	DOL	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00		
	(Struts)														
79	Prestressed Conc. Girder for Struct	290	LF	\$ 600.00	\$ 174,000.00	\$ 770.00	\$ 223,300.00	\$ 525.00	\$ 152,250.00	\$ 635.00	\$ 184,150.00	\$ 640.00	\$ 185,600.00		
	(continued on page 4)														



CITY OF YAKIMA

Yakima Railroad Grade Separations, Phase 3
Martin Luther King, Jr. Boulevard

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ITEM NO.	BID SECURITY			QTY	UNIT	UNIT PRICE		UNIT PRICE		UNIT PRICE		UNIT PRICE	
	ITEM					UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
	(Front Street Bridge)												
80	Superstructure - Front Street Bridge			1	LS	\$ 201,700.00	\$ 201,700.00	\$ 300,000.00	\$ 300,000.00	\$ 250,000.00	\$ 250,000.00	\$ 190,000.00	\$ 260,000.00
81	Bridge Approach Slab			227	SY	\$ 250.00	\$ 56,750.00	\$ 215.00	\$ 48,805.00	\$ 275.00	\$ 62,425.00	\$ 212.00	\$ 53,345.00
	(BNSF Bridge)												
82	Superstructure - BNSF Bridge			1	LS	\$ 350,000.00	\$ 350,000.00	\$ 400,000.00	\$ 400,000.00	\$ 275.00	\$ 275.00	\$ 315,000.00	\$ 235,000.00
	SURFACING												
83	Permeable Ballast			1500	TON	\$ 25.00	\$ 37,500.00	\$ 20.00	\$ 30,000.00	\$ 20.00	\$ 30,000.00	\$ 24.00	\$ 54,000.00
84	Crushed Surfacing Base Course			3000	TON	\$ 17.00	\$ 51,000.00	\$ 18.20	\$ 54,600.00	\$ 22.00	\$ 66,000.00	\$ 20.15	\$ 60,450.00
85	Construction Geotextile for Separation			3600	SY	\$ 2.00	\$ 7,200.00	\$ 1.60	\$ 5,760.00	\$ 2.00	\$ 7,200.00	\$ 1.30	\$ 4,680.00
86	Crushed Surfacing Top Course			120	TON	\$ 18.00	\$ 2,160.00	\$ 24.00	\$ 2,880.00	\$ 100.00	\$ 12,000.00	\$ 20.75	\$ 2,490.00
	HOT MIX ASPHALT PAVEMENT												
87	Planing Bituminous Pavement			1400	SY	\$ 5.00	\$ 7,000.00	\$ 3.00	\$ 4,200.00	\$ 5.00	\$ 7,000.00	\$ 5.45	\$ 7,630.00
88	Slurry Seal			1	LS	\$ 5,000.00	\$ 5,000.00	\$ 15,400.00	\$ 15,400.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 29,000.00
89	HMA Cl. 1/2 In. PG 64-28			2450	TON	\$ 80.00	\$ 196,000.00	\$ 87.00	\$ 213,150.00	\$ 90.00	\$ 220,500.00	\$ 91.20	\$ 223,440.00
90	Job Mix Compliance Price Adjustment			1	CALC	\$ (1.00)	\$ (1.00)	\$ (1.00)	\$ (1.00)	\$ (1.00)	\$ (1.00)	\$ (1.00)	\$ (1.00)
91	Compaction Price Adjustment			1	CALC	\$ (1.00)	\$ (1.00)	\$ (1.00)	\$ (1.00)	\$ (1.00)	\$ (1.00)	\$ (1.00)	\$ (1.00)
	EROSION CONTROL AND PLANTING												
92	ESC Lead			300	DAY	\$ 100.00	\$ 30,000.00	\$ 25.00	\$ 7,500.00	\$ 1.00	\$ 300.00	\$ 1.00	\$ 300.00
93	Street Cleaning			300	HR	\$ 120.00	\$ 36,000.00	\$ 120.00	\$ 36,000.00	\$ 100.00	\$ 30,000.00	\$ 78.00	\$ 23,400.00
94	Inlet Protection			20	EA	\$ 55.00	\$ 1,100.00	\$ 105.00	\$ 2,100.00	\$ 20.00	\$ 400.00	\$ 75.00	\$ 1,500.00
95	Stabilized Construction Entrance			670	SY	\$ 12.00	\$ 8,040.00	\$ 14.00	\$ 9,380.00	\$ 10.00	\$ 6,700.00	\$ 13.25	\$ 8,877.50
96	Erosion/Water Pollution Control			1	DOL	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00
97	SWPPP			1	LS	\$ 8,000.00	\$ 8,000.00	\$ 5,000.00	\$ 5,000.00	\$ 100.00	\$ 100.00	\$ 1.00	\$ 2,000.00
98	Dewatering			1	LS	\$ 150,000.00	\$ 150,000.00	\$ 80,000.00	\$ 80,000.00	\$ 50,000.00	\$ 50,000.00	\$ 30,000.00	\$ 30,000.00
	TRAFFIC												
99	Cement Conc. Traffic Curb and Gutter			425	LF	\$ 15.00	\$ 6,375.00	\$ 19.00	\$ 8,075.00	\$ 22.00	\$ 9,350.00	\$ 32.50	\$ 13,812.50
100	Permanent Impact Attenuator			1	EA	\$ 20,000.00	\$ 20,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,650.00	\$ 5,000.00
101	Painted Traffic Arrow			8	EA	\$ 50.00	\$ 400.00	\$ 55.00	\$ 440.00	\$ 55.00	\$ 440.00	\$ 58.00	\$ 464.00
102	Paint Line			3100	LF	\$ 0.30	\$ 930.00	\$ 0.40	\$ 1,240.00	\$ 0.40	\$ 1,240.00	\$ 0.40	\$ 1,240.00
103	Painted Wide Line			1200	LF	\$ 0.35	\$ 420.00	\$ 0.55	\$ 660.00	\$ 0.55	\$ 660.00	\$ 0.60	\$ 720.00
104	Painted Crosswalk Line			960	SF	\$ 3.50	\$ 3,360.00	\$ 0.90	\$ 864.00	\$ 0.90	\$ 864.00	\$ 0.95	\$ 912.00
105	Painted Stop Line			80	LF	\$ 3.00	\$ 240.00	\$ 2.10	\$ 168.00	\$ 2.00	\$ 160.00	\$ 2.20	\$ 176.00
106	Painted Bicycle Lane Symbol			6	EA	\$ 600.00	\$ 3,600.00	\$ 85.00	\$ 510.00	\$ 85.00	\$ 510.00	\$ 89.00	\$ 534.00



CITY OF YAKIMA

Yakima Railroad Grade Separations, Phase 3
Martin Luther King, Jr. Boulevard

Fed. Aid No.: STPX-NCPD-000S(062)

PROJECT NO. 1818

DATE: 11/27/2012

FILE: \\Cityeng\engimages\BidSummaries\MLK Grade Separation

BID SUMMARY				ENGINEERS' ESTIMATE		Mowat Construction Company Woodinville, WA		Selland Construction Wenatchee, WA		Apollo, Inc. Kennewick, WA		C. A. Carey Corporation Issaquah, WA	
Yakima Railroad Grade Separations, Phase 3 Martin Luther King, Jr. Boulevard Fed Aid No. STPX-NCPD-000S(062), City Project No. 1818													
ITEM NO.	BID SECURITY												
	ITEM	QTY	UNIT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
107	Permanent Signing	1	LS	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 35,000.00	\$ 35,000.00	\$ 5,950.00	\$ 5,950.00	\$ 10,000.00	\$ 10,000.00
108	Misc. Detour Signing Revisions	1	DOL	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00
109	Illumination System Complete	1	LS	\$ 110,000.00	\$ 110,000.00	\$ 49,000.00	\$ 49,000.00	\$ 50,000.00	\$ 50,000.00	\$ 52,000.00	\$ 52,000.00	\$ 56,000.00	\$ 56,000.00
110	Traffic Signal System 1st St. & MLK, Jr. Blvd., Complete	1	LS	\$ 140,000.00	\$ 140,000.00	\$ 46,000.00	\$ 46,000.00	\$ 50,000.00	\$ 50,000.00	\$ 49,000.00	\$ 49,000.00	\$ 53,000.00	\$ 53,000.00
111	Traffic Signal System 1st Ave. & MLK, Jr. Blvd., Complete	1	LS	\$ 110,000.00	\$ 110,000.00	\$ 46,000.00	\$ 46,000.00	\$ 48,000.00	\$ 48,000.00	\$ 48,000.00	\$ 48,000.00	\$ 53,000.00	\$ 53,000.00
112	Project Temporary Traffic Control	1	LS	\$ 120,000.00	\$ 120,000.00	\$ 50,000.00	\$ 50,000.00	\$ 20,000.00	\$ 20,000.00	\$ 72,300.00	\$ 72,300.00	\$ 25,000.00	\$ 25,000.00
113	Thrie Beam Guardrail	1	LS	\$ 2,000.00	\$ 2,000.00	\$ 3,610.00	\$ 3,610.00	\$ 4,000.00	\$ 4,000.00	\$ 3,800.00	\$ 3,800.00	\$ 4,000.00	\$ 4,000.00
114	Detour Signing	1	LS	\$ 20,000.00	\$ 20,000.00	\$ 50,000.00	\$ 50,000.00	\$ 5,000.00	\$ 5,000.00	\$ 15,800.00	\$ 15,800.00	\$ 20,000.00	\$ 20,000.00
OTHER ITEMS													
115	Structure Surveying	1	LS	\$ 40,000.00	\$ 40,000.00	\$ 25,000.00	\$ 25,000.00	\$ 30,000.00	\$ 30,000.00	\$ 29,200.00	\$ 29,200.00	\$ 35,000.00	\$ 35,000.00
116	Roadway Surveying	1	LS	\$ 30,000.00	\$ 30,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 9,400.00	\$ 9,400.00	\$ 15,000.00	\$ 15,000.00
117	Licensed Surveying	1	DOL	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00
118	Poured Monument - Front Street Bridge	1	EA	\$ 800.00	\$ 800.00	\$ 200.00	\$ 200.00	\$ 2,500.00	\$ 2,500.00	\$ 269.00	\$ 269.00	\$ 2,000.00	\$ 2,000.00
119	Cement Conc. Sidewalk	662	SY	\$ 30.00	\$ 19,860.00	\$ 29.00	\$ 19,198.00	\$ 45.00	\$ 29,790.00	\$ 46.00	\$ 30,452.00	\$ 42.00	\$ 27,804.00
120	Cement Conc. Sidewalk Ramp Type 4a	2	EA	\$ 800.00	\$ 1,600.00	\$ 550.00	\$ 1,100.00	\$ 1,000.00	\$ 2,000.00	\$ 2,300.00	\$ 4,600.00	\$ 1,000.00	\$ 2,000.00
121	Cement Conc. Sidewalk Ramp Type 2	1	EA	\$ 800.00	\$ 800.00	\$ 550.00	\$ 550.00	\$ 1,000.00	\$ 1,000.00	\$ 1,990.00	\$ 1,990.00	\$ 1,000.00	\$ 1,000.00
122	Cement Conc. Sidewalk Ramp Type 1	3	EA	\$ 800.00	\$ 2,400.00	\$ 550.00	\$ 1,650.00	\$ 1,000.00	\$ 3,000.00	\$ 1,570.00	\$ 4,710.00	\$ 1,000.00	\$ 3,000.00
123	Commercial Driveway Approach	1	EA	\$ 5,000.00	\$ 5,000.00	\$ 1,215.00	\$ 1,215.00	\$ 3,000.00	\$ 3,000.00	\$ 2,200.00	\$ 2,200.00	\$ 1,000.00	\$ 1,000.00
124	Chain Link Fence Type 1	60	LF	\$ 25.00	\$ 1,500.00	\$ 20.00	\$ 1,200.00	\$ 20.00	\$ 1,200.00	\$ 21.20	\$ 1,272.00	\$ 25.00	\$ 1,500.00
125	End, Gate, Corner and Pull Post for Chain Link Fence	2	EA	\$ 300.00	\$ 600.00	\$ 550.00	\$ 1,100.00	\$ 550.00	\$ 1,100.00	\$ 585.00	\$ 1,170.00	\$ 650.00	\$ 1,300.00
126	Double 20 Ft. Chain Link Gate	1	EA	\$ 1,600.00	\$ 1,600.00	\$ 700.00	\$ 700.00	\$ 700.00	\$ 700.00	\$ 730.00	\$ 730.00	\$ 815.00	\$ 815.00
127	Fence Termination	1	DOL	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00
128	Training	1000	HR	\$ 2.00	\$ 2,000.00	\$ 1.00	\$ 1,000.00	\$ 5.00	\$ 5,000.00	\$ 1.00	\$ 1,000.00	\$ 3.00	\$ 3,000.00
129	Type C Progress Schedule	1	LS	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00
130	Schedule Update	12	EA	\$ 1,000.00	\$ 12,000.00	\$ 1,000.00	\$ 12,000.00	\$ 1,000.00	\$ 12,000.00	\$ 1,000.00	\$ 12,000.00	\$ 1,000.00	\$ 12,000.00
131	Roadside Cleanup	1	DOL	\$ 40,000.00	\$ 40,000.00	\$ 40,000.00	\$ 40,000.00	\$ 40,000.00	\$ 40,000.00	\$ 40,000.00	\$ 40,000.00	\$ 40,000.00	\$ 40,000.00
132	Field Office Building	1	LS	\$ 20,000.00	\$ 20,000.00	\$ 15,000.00	\$ 15,000.00	\$ 20,000.00	\$ 20,000.00	\$ 5,800.00	\$ 5,800.00	\$ 25,000.00	\$ 25,000.00
133	Minor Change	1	DOL	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00
134	SPCC Plan	1	LS	\$ 5,000.00	\$ 5,000.00	\$ 500.00	\$ 500.00	\$ 10.00	\$ 10.00	\$ 350.00	\$ 350.00	\$ 1,000.00	\$ 1,000.00
135	Utility Potholing	1	DOL	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00
(continued on page 6)													



CITY OF YAKIMA

Yakima Railroad Grade Separations, Phase 3
Martin Luther King, Jr. Boulevard

Fed. Aid No.: STPX-NCPD-000S(062)

PROJECT NO. 1818

DATE: 11/27/2012

FILE: [\\Cityeng\engimages\BidSummaries\MLK Grade Separation](#)

BID SUMMARY Yakima Railroad Grade Separations, Phase 3 Martin Luther King, Jr. Boulevard Fed Aid No. STPX-NCPD-000S(062), City Project No. 1818				ENGINEERS' ESTIMATE		Mowat Construction Company Woodinville, WA		Selland Construction Wenatchee, WA		Apollo, Inc. Kennewick, WA		C. A. Carey Corporation Issaquah, WA		
ITEM NO.	BID SECURITY		QTY	UNIT	ENGINEERS' ESTIMATE		Mowat Construction Company		Selland Construction		Apollo, Inc. Kennewick,		C. A. Carey Corporation	
	ITEM				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
136	Fiber Optic Beam		1	LS	\$ 30,000.00	\$ 30,000.00	\$ 25,000.00	\$ 25,000.00	\$ 20,000.00	\$ 20,000.00	\$ 23,500.00	\$ 23,500.00	\$ 21,000.00	\$ 21,000.00
137	Utility Conduit Installation - City of Yakima		1	LS	\$ 30,000.00	\$ 30,000.00	\$ 24,000.00	\$ 24,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 28,000.00	\$ 28,000.00
138	Utility Conduit Installation - PP&L		1	LS	\$ 60,000.00	\$ 60,000.00	\$ 36,000.00	\$ 36,000.00	\$ 38,000.00	\$ 38,000.00	\$ 38,000.00	\$ 38,000.00	\$ 42,000.00	\$ 42,000.00
TOTAL:						\$ 12,732,516.00		\$ 10,634,867.95		\$ 11,074,540.00		\$ 11,162,694.15		\$ 11,486,362.00



CITY OF YAKIMA

Yakima Railroad Grade Separations, Phase 3
Martin Luther King, Jr. Boulevard

Fed. Aid No.: STPX-NCPD-000S(062)

PROJECT NO. 1818

DATE: 11/27/2012

FILE: [\\Cityeng\engimages\BidSummaries\ML K Grade Separation](#)

BID SUMMARY				Rotschy Inc. Vancouver, WA		Tapani, Inc. Battle Ground, WA						
Yakima Railroad Grade Separations, Phase 3 Martin Luther King, Jr. Boulevard Fed Aid No. STPX-NCPD-000S(062), City Project No. 1818												
ITEM NO.	BID SECURITY		QTY	UNIT								
	ITEM				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
MOBILIZATION												
1	Mobilization		1	LS	\$ 1,153,600.00	\$ 1,153,600.00	\$ 1,250,000.00	\$ 1,250,000.00				
PREPARATION												
2	Removal of Structure and Obstruction		1	LS	\$ 125,000.00	\$ 125,000.00	\$ 40,000.00	\$ 40,000.00				
3	Removing Paint Line		900	LF	\$ 1.50	\$ 1,350.00	\$ 0.96	\$ 864.00				
4	Removing Painted Traffic Marking		4	EA	\$ 75.00	\$ 300.00	\$ 56.50	\$ 226.00				
5	Removing Painted Crosswalk Line		400	SF	\$ 0.75	\$ 300.00	\$ 3.70	\$ 1,480.00				
GRADING												
6	Roadway Excavation Incl. Haul		25500	CY	\$ 15.00	\$ 382,500.00	\$ 10.00	\$ 255,000.00				
STORMWATER SYSTEM												
7	Underdrain Pipe 4 In. Diam.		5886	LF	\$ 13.40	\$ 78,872.40	\$ 4.60	\$ 27,075.60				
8	Drain Pipe 4 In. Diam.		80	LF	\$ 16.00	\$ 1,280.00	\$ 100.00	\$ 8,000.00				
9	Catch Basin Type 1		31	EA	\$ 1,360.00	\$ 42,160.00	\$ 1,200.00	\$ 37,200.00				
10	Catch Basin Type 2, 48 In. Diam.		1	EA	\$ 2,150.00	\$ 2,150.00	\$ 2,500.00	\$ 2,500.00				
11	Corrugated Polyethylene Storm Sewer Pipe 10 In. Diam.		680	LF	\$ 42.00	\$ 28,560.00	\$ 31.00	\$ 21,080.00				
12	Corrugated Polyethylene Storm Sewer Pipe 12 In. Diam.		450	LF	\$ 44.00	\$ 19,800.00	\$ 66.00	\$ 29,700.00				
13	Ductile Iron Storm Sewer Pipe 8 In. Diam		590	LF	\$ 60.00	\$ 35,400.00	\$ 47.00	\$ 27,730.00				
14	Ductile Iron Storm Sewer Pipe 14 In. Diam		16	LF	\$ 450.00	\$ 7,200.00	\$ 584.00	\$ 9,344.00				
15	Testing Storm Sewer Pipe		1690	LF	\$ 2.00	\$ 3,380.00	\$ 1.90	\$ 3,211.00				
16	Plain Conc., or V.C. Sewer Pipe 6 In. Diam		15	LF	\$ 130.00	\$ 1,950.00	\$ 260.00	\$ 3,900.00				
17	Structural Excavation Class B Incl. Haul		700	CY	\$ 3.00	\$ 2,100.00	\$ 5.85	\$ 4,095.00				
18	Structural Excavation Class B Incl. Haul - Bottom Seal		436	CY	\$ 3.00	\$ 1,308.00	\$ 6.55	\$ 2,855.80				
19	Shoring or Extra Excavation Class B		20	SF	\$ 5.00	\$ 100.00	\$ 141.00	\$ 2,820.00				
20	Gravel Backfill for Drain		80	CY	\$ 35.00	\$ 2,800.00	\$ 32.00	\$ 2,560.00				
21	Controlled Density Fill		170	CY	\$ 122.00	\$ 20,740.00	\$ 123.00	\$ 20,910.00				
22	Construction Geotextile for Underground Drainage		825	SY	\$ 1.00	\$ 825.00	\$ 1.10	\$ 907.50				
23	Connection to Drainage Structure		7	EA	\$ 600.00	\$ 4,200.00	\$ 600.00	\$ 4,200.00				
24	Storm Sewer Bypass		1	LS	\$ 15,000.00	\$ 15,000.00	\$ 13,300.00	\$ 13,300.00				
25	Pump Station		1	LS	\$ 235,000.00	\$ 235,000.00	\$ 250,000.00	\$ 250,000.00				
26	Wetwell Shoring		1	LS	\$ 56,000.00	\$ 56,000.00	\$ 500.00	\$ 500.00				
(continued on page 2)												



CITY OF YAKIMA

Yakima Railroad Grade Separations, Phase 3

Martin Luther King, Jr. Boulevard

Fed. Aid No.: STPX-NCPD-000S(062)

PROJECT NO. 1818

DATE: 11/27/2012

FILE: \\Cityeng\engimages\BidSummaries\MLK Grade Separation

SHEET 7 OF 12

BID SUMMARY				Rotschy Inc. Vancouver, WA		Tapani, Inc. Battle Ground, WA						
Yakima Railroad Grade Separations, Phase 3 Martin Luther King, Jr. Boulevard Fed Aid No. STPX-NCPD-000S(062), City Project No. 1818												
ITEM NO.	BID SECURITY		QTY	UNIT								
	ITEM				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
WATER LINES												
27	Comb. Air Release/Air Vacuum Valve Assembly 2 In.		3	EA	\$ 3,250.00	\$ 9,750.00	\$ 3,650.00	\$ 10,950.00				
28	Service Connection 1 1/2 Diam.		1	EA	\$ 1,500.00	\$ 1,500.00	\$ 4,000.00	\$ 4,000.00				
29	Ductile Iron Pipe for Water Main 12 In. Diam.		230	LF	\$ 180.00	\$ 41,400.00	\$ 223.00	\$ 51,290.00				
30	Pipe Insulation		40	LF	\$ 130.00	\$ 5,200.00	\$ 140.00	\$ 5,600.00				
31	Connection to Existing Water Main 2 In. Temp. Blowoff		2	EA	\$ 1,345.00	\$ 2,690.00	\$ 1,500.00	\$ 3,000.00				
32	Steel Casing 22 In. Diam. For Water Main		115	LF	\$ 250.00	\$ 28,750.00	\$ 200.00	\$ 23,000.00				
33	Heat Tracing System		1	LS	\$ 3,400.00	\$ 3,400.00	\$ 5,650.00	\$ 5,650.00				
34	Galvanic Anode		2	EA	\$ 2,100.00	\$ 4,200.00	\$ 1,800.00	\$ 3,600.00				
35	Shoring or Extra Excavation Class B		280	SF	\$ 1.00	\$ 280.00	\$ 18.10	\$ 5,068.00				
36	Plugging Existing Pipe		2	EA	\$ 150.00	\$ 300.00	\$ 600.00	\$ 1,200.00				
Structure (CIP Cantilever Wall/Moment Slab)												
37	Conc. Class 4000 for Retaining Wall		230	CY	\$ 262.00	\$ 60,260.00	\$ 510.00	\$ 117,300.00				
38	St. Reinf. Bar for Retaining Wall		23800	LB	\$ 1.00	\$ 23,800.00	\$ 0.93	\$ 22,134.00				
39	Conc. Class 4000 for Barrier		110	CY	\$ 900.00	\$ 99,000.00	\$ 1,462.00	\$ 160,820.00				
40	St. Reinf. Bar for Barrier		29700	LB	\$ 1.00	\$ 29,700.00	\$ 1.30	\$ 38,610.00				
41	Bridge Railing Type BP for Wall Barrier		1490	LF	\$ 50.00	\$ 74,500.00	\$ 57.00	\$ 84,930.00				
42	Conc. Class 4000 for Free-Standing Barrier		14	CY	\$ 1,000.00	\$ 14,000.00	\$ 1,655.00	\$ 23,170.00				
43	St. Reinf. Bar for Free-Standing Barrier		3600	LB	\$ 1.00	\$ 3,600.00	\$ 1.20	\$ 4,320.00				
44	Conc. Class 4000 for Impact Attenuator Footing		2	CY	\$ 600.00	\$ 1,200.00	\$ 780.00	\$ 1,560.00				
45	St. Reinf. Bar for Impact Attenuator Footing		200	LB	\$ 2.00	\$ 400.00	\$ 1.20	\$ 240.00				
46	Single Slope Concrete Barrier		630	LF	\$ 108.00	\$ 68,040.00	\$ 136.00	\$ 85,680.00				
47	Std. Hand Rail Pedestrian Railing		650	LF	\$ 97.00	\$ 63,050.00	\$ 119.00	\$ 77,350.00				
48	Single Slope Concrete Barrier Transition		2	EA	\$ 8,000.00	\$ 16,000.00	\$ 11,261.00	\$ 22,522.00				
(EARTHWORK)												
49	Structure Excavation Class A Incl. Haul		3200	CY	\$ 16.00	\$ 51,200.00	\$ 12.00	\$ 38,400.00				
50	Shoring or Extra Excavation Class A		1	LS	\$ 484,783.00	\$ 484,783.00	\$ 181,000.00	\$ 181,000.00				
51	Gravel Backfill for Wall		700	CY	\$ 60.00	\$ 42,000.00	\$ 41.00	\$ 28,700.00				
(WALL CAP)												
52	Conc. Class 4000 for Wall Cap		1670	CY	\$ 305.00	\$ 509,350.00	\$ 350.00	\$ 584,500.00				
53	St. Reinf. Bar for Wall Cap		284200	LB	\$ 1.00	\$ 284,200.00	\$ 1.15	\$ 326,830.00				
(continued on page 3)												



CITY OF YAKIMA

Yakima Railroad Grade Separations, Phase 3
Martin Luther King, Jr. Boulevard

Fed. Aid No.: STPX-NCPD-000S(062)

PROJECT NO. 1818

DATE: 11/27/2012

FILE: \\Cityeng\engimages\BidSummaries\MLK Grade Separation

BID SUMMARY				Rotschy Inc. Vancouver, WA		Tapani, Inc. Battle Ground, WA							
Yakima Railroad Grade Separations, Phase 3 Martin Luther King, Jr. Boulevard Fed Aid No. STPX-NCPD-000S(062), City Project No. 1818													
ITEM NO.	BID SECURITY			QTY	UNIT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
	ITEM												
	(Soldier Pile Walls)												
54	Shaft - 39 In. Diam.			660	LF	\$ 219.00	\$ 144,540.00	\$ 237.00	\$ 156,420.00				
55	Furnishing Soldier Pile - W24X103			660	LF	\$ 89.00	\$ 58,740.00	\$ 96.00	\$ 63,360.00				
56	Lagging for Underpass Wall			2630	SF	\$ 13.00	\$ 34,190.00	\$ 17.00	\$ 44,710.00				
57	Concrete Fascia Panel			2630	SF	\$ 41.00	\$ 107,830.00	\$ 21.00	\$ 55,230.00				
58	Removing Shaft Obstruction - Soldier Pile			1	DOL	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00				
	(BNSF Shoring Wall)												
59	Shaft - 36 In. Diam.			340	LF	\$ 250.00	\$ 85,000.00	\$ 266.00	\$ 90,440.00				
60	Furnishing Soldier Pile - W21X93			210	LF	\$ 73.00	\$ 15,330.00	\$ 80.00	\$ 16,800.00				
61	Furnishing Soldier Pile - W21X55			130	LF	\$ 47.00	\$ 6,110.00	\$ 52.00	\$ 6,760.00				
62	Lagging for BNSF Shoring			650	SF	\$ 42.00	\$ 27,300.00	\$ 17.00	\$ 11,050.00				
63	Removing Shaft Obstruction - Shoring Wall			1	DOL	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00				
	(Shotcrete Facing)												
64	Shotcrete Facing			11200	SF	\$ 29.00	\$ 324,800.00	\$ 20.00	\$ 224,000.00				
65	Prefabricated Drainage Material			1540	SY	\$ 11.00	\$ 16,940.00	\$ 9.00	\$ 13,860.00				
	(Secant Pile Wall)												
66	Soil Excavation for Shaft Incl. Haul			3140	CY	\$ 291.00	\$ 913,740.00	\$ 290.00	\$ 910,600.00				
67	Furnishing and Placing Temp. Casing for 4 Ft. Diam. Shaft			6890	LF	\$ 35.00	\$ 241,150.00	\$ 37.20	\$ 256,308.00				
68	Lean Concrete for Shaft			1440	CY	\$ 166.00	\$ 239,040.00	\$ 181.00	\$ 260,640.00				
69	Conc. Class 4000P for Shaft			1770	CY	\$ 217.00	\$ 384,090.00	\$ 226.00	\$ 400,020.00				
70	St. Reinf. Bar for Shaft			424000	LB	\$ 1.00	\$ 424,000.00	\$ 1.25	\$ 530,000.00				
71	CSL Access Tube			15150	LF	\$ 14.00	\$ 212,100.00	\$ 5.75	\$ 87,112.50				
72	CSL Test			162	EA	\$ 819.00	\$ 132,678.00	\$ 564.00	\$ 91,368.00				
73	Removing Shaft Obstruction			1	DOL	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00				
	(Bottom Seal)												
74	Tremie Seal Temporary Bracing			1	LS	\$ 16,000.00	\$ 16,000.00	\$ 25,000.00	\$ 25,000.00				
75	Tremie Seal Excavation Incl. Haul			3403	CY	\$ 26.00	\$ 88,478.00	\$ 15.00	\$ 51,045.00				
76	Lean Concrete for Tremie Seal			3403	CY	\$ 117.00	\$ 398,151.00	\$ 137.00	\$ 466,211.00				
77	Drilled Seal			1	LS	\$ 1,500,000.00	\$ 1,500,000.00	\$ 1,450,000.00	\$ 1,450,000.00				
78	Additional Bottom Seal Leak Repair			1	DOL	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00				
	(Struts)												
79	Prestressed Conc. Girder for Struct			290	LF	\$ 585.00	\$ 169,650.00	\$ 610.00	\$ 176,900.00				
	(continued on page 4)												



CITY OF YAKIMA

Yakima Railroad Grade Separations, Phase 3
Martin Luther King, Jr. Boulevard

Fed. Aid No.: STPX-NCPD-000S(062)

PROJECT NO. 1818

DATE: 11/27/2012

FILE: \\Cityeng\engimages\BidSummaries\MLK Grade Separation

BID SUMMARY				Rotschy Inc. Vancouver, WA		Tapani, Inc. Battle Ground, WA						
Yakima Railroad Grade Separations, Phase 3 Martin Luther King, Jr. Boulevard Fed Aid No. STPX-NCPD-000S(062), City Project No. 1818												
ITEM NO.	BID SECURITY		QTY	UNIT								
	ITEM				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
	(Front Street Bridge)											
80	Superstructure - Front Street Bridge		1	LS	\$ 200,000.00	\$ 200,000.00	\$ 265,000.00	\$ 265,000.00				
81	Bridge Approach Slab		227	SY	\$ 200.00	\$ 45,400.00	\$ 225.00	\$ 51,075.00				
	(BNSF Bridge)											
82	Superstructure - BNSF Bridge		1	LS	\$ 275,000.00	\$ 275,000.00	\$ 365,000.00	\$ 365,000.00				
	SURFACING											
83	Permeable Ballast		1500	TON	\$ 22.00	\$ 33,000.00	\$ 23.00	\$ 34,500.00				
84	Crushed Surfacing Base Course		3000	TON	\$ 24.00	\$ 72,000.00	\$ 34.00	\$ 102,000.00				
85	Construction Geotextile for Separation		3600	SY	\$ 1.00	\$ 3,600.00	\$ 1.60	\$ 5,760.00				
86	Crushed Surfacing Top Course		120	TON	\$ 22.00	\$ 2,640.00	\$ 85.00	\$ 10,200.00				
	HOT MIX ASPHALT PAVEMENT											
87	Planing Bituminous Pavement		1400	SY	\$ 5.00	\$ 7,000.00	\$ 2.60	\$ 3,640.00				
88	Slurry Seal		1	LS	\$ 16,000.00	\$ 16,000.00	\$ 5,700.00	\$ 5,700.00				
89	HMA Cl. 1/2 In. PG 64-28		2450	TON	\$ 87.00	\$ 213,150.00	\$ 95.00	\$ 232,750.00				
90	Job Mix Compliance Price Adjustment		1	CALC	\$ (1.00)	\$ (1.00)	\$ (1.00)	\$ (1.00)				
91	Compaction Price Adjustment		1	CALC	\$ (1.00)	\$ (1.00)	\$ (1.00)	\$ (1.00)				
	EROSION CONTROL AND PLANTING											
92	ESC Lead		300	DAY	\$ 25.00	\$ 7,500.00	\$ 6.50	\$ 1,950.00				
93	Street Cleaning		300	HR	\$ 95.00	\$ 28,500.00	\$ 147.00	\$ 44,100.00				
94	Inlet Protection		20	EA	\$ 68.00	\$ 1,360.00	\$ 68.00	\$ 1,360.00				
95	Stabilized Construction Entrance		670	SY	\$ 3.00	\$ 2,010.00	\$ 5.00	\$ 3,350.00				
96	Erosion/Water Pollution Control		1	DOL	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00				
97	SWPPP		1	LS	\$ 5,000.00	\$ 5,000.00	\$ 2,000.00	\$ 2,000.00				
98	Dewatering		1	LS	\$ 80,000.00	\$ 80,000.00	\$ 280,000.00	\$ 280,000.00				
	TRAFFIC											
99	Cement Conc. Traffic Curb and Gutter		425	LF	\$ 22.00	\$ 9,350.00	\$ 25.00	\$ 10,625.00				
100	Permanent Impact Attenuator		1	EA	\$ 10,000.00	\$ 10,000.00	\$ 17,200.00	\$ 17,200.00				
101	Painted Traffic Arrow		8	EA	\$ 0.73	\$ 5.84	\$ 57.00	\$ 456.00				
102	Paint Line		3100	LF	\$ 0.30	\$ 930.00	\$ 0.40	\$ 1,240.00				
103	Painted Wide Line		1200	LF	\$ 0.45	\$ 540.00	\$ 0.75	\$ 900.00				
104	Painted Crosswalk Line		960	SF	\$ 3.75	\$ 3,600.00	\$ 2.00	\$ 1,920.00				
105	Painted Stop Line		80	LF	\$ 5.00	\$ 400.00	\$ 3.00	\$ 240.00				
106	Painted Bicycle Lane Symbol		6	EA	\$ 72.00	\$ 432.00	\$ 96.00	\$ 576.00				



CITY OF YAKIMA

Yakima Railroad Grade Separations, Phase 3
Martin Luther King, Jr. Boulevard

Fed. Aid No.: STPX-NCPD-000S(062)

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SHEET 10 OF 12

BID SUMMARY				Rotschy Inc. Vancouver, WA		Tapani, Inc. Battle Ground, WA							
Yakima Railroad Grade Separations, Phase 3 Martin Luther King, Jr. Boulevard Fed Aid No. STPX-NCPD-000S(062), City Project No. 1818													
ITEM NO.	BID SECURITY												
	ITEM	QTY	UNIT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
107	Permanent Signing	1	LS	\$ 5,000.00	\$ 5,000.00	\$ 6,700.00	\$ 6,700.00						
108	Misc. Detour Signing Revisions	1	DOL	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00						
109	Illumination System Complete	1	LS	\$ 45,000.00	\$ 45,000.00	\$ 57,000.00	\$ 57,000.00						
110	Traffic Signal System 1st St. & MLK, Jr. Blvd., Complete	1	LS	\$ 40,000.00	\$ 40,000.00	\$ 62,000.00	\$ 62,000.00						
111	Traffic Signal System 1st Ave. & MLK, Jr. Blvd., Complete	1	LS	\$ 40,000.00	\$ 40,000.00	\$ 51,000.00	\$ 51,000.00						
112	Project Temporary Traffic Control	1	LS	\$ 8,000.00	\$ 8,000.00	\$ 25,000.00	\$ 25,000.00						
113	Thrie Beam Guardrail	1	LS	\$ 3,000.00	\$ 3,000.00	\$ 4,000.00	\$ 4,000.00						
114	Detour Signing	1	LS	\$ 30,000.00	\$ 30,000.00	\$ 4,000.00	\$ 4,000.00						
OTHER ITEMS													
115	Structure Surveying	1	LS	\$ 44,000.00	\$ 44,000.00	\$ 10,000.00	\$ 10,000.00						
116	Roadway Surveying	1	LS	\$ 10,000.00	\$ 10,000.00	\$ 31,000.00	\$ 31,000.00						
117	Licensed Surveying	1	DOL	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00						
118	Poured Monument - Front Street Bridge	1	EA	\$ 700.00	\$ 700.00	\$ 564.00	\$ 564.00						
119	Cement Conc. Sidewalk	662	SY	\$ 33.00	\$ 21,846.00	\$ 53.20	\$ 35,218.40						
120	Cement Conc. Sidewalk Ramp Type 4a	2	EA	\$ 720.00	\$ 1,440.00	\$ 1,353.00	\$ 2,706.00						
121	Cement Conc. Sidewalk Ramp Type 2	1	EA	\$ 720.00	\$ 720.00	\$ 2,056.00	\$ 2,056.00						
122	Cement Conc. Sidewalk Ramp Type 1	3	EA	\$ 720.00	\$ 2,160.00	\$ 1,587.00	\$ 4,761.00						
123	Commercial Driveway Approach	1	EA	\$ 1,420.00	\$ 1,420.00	\$ 4,200.00	\$ 4,200.00						
124	Chain Link Fence Type 1	60	LF	\$ 26.00	\$ 1,560.00	\$ 23.00	\$ 1,380.00						
125	End, Gate, Corner and Pull Post for Chain Link Fence	2	EA	\$ 160.00	\$ 320.00	\$ 627.00	\$ 1,254.00						
126	Double 20 Ft. Chain Link Gate	1	EA	\$ 1,500.00	\$ 1,500.00	\$ 780.00	\$ 780.00						
127	Fence Termination	1	DOL	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00						
128	Training	1000	HR	\$ 15.00	\$ 15,000.00	\$ 5.00	\$ 5,000.00						
129	Type C Progress Schedule	1	LS	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00						
130	Schedule Update	12	EA	\$ 1,000.00	\$ 12,000.00	\$ 1,100.00	\$ 13,200.00						
131	Roadside Cleanup	1	DOL	\$ 40,000.00	\$ 40,000.00	\$ 40,000.00	\$ 40,000.00						
132	Field Office Building	1	LS	\$ 5,000.00	\$ 5,000.00	\$ 12,300.00	\$ 12,300.00						
133	Minor Change	1	DOL	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00						
134	SPCC Plan	1	LS	\$ 5,000.00	\$ 5,000.00	\$ 1,500.00	\$ 1,500.00						
135	Utility Potholing	1	DOL	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00						
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CITY OF YAKIMA

Yakima Railroad Grade Separations, Phase 3
Martin Luther King, Jr. Boulevard

Fed. Aid No.: STPX-NCPD-000S(062)

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BID SUMMARY Yakima Railroad Grade Separations, Phase 3 Martin Luther King, Jr. Boulevard Fed Aid No. STPX-NCPD-000S(062), City Project No. 1818				Rotschy Inc. Vancouver, WA		Tapani, Inc. Battle Ground, WA							
ITEM NO.	BID SECURITY			UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
	ITEM	QTY	UNIT										
136	Fiber Optic Beam	1	LS	\$ 14,000.00	\$ 14,000.00	\$ 30,000.00	\$ 30,000.00						
137	Utility Conduit Installation - City of Yakima	1	LS	\$ 25,000.00	\$ 25,000.00	\$ 36,000.00	\$ 36,000.00						
138	Utility Conduit Installation - PP&L	1	LS	\$ 37,000.00	\$ 37,000.00	\$ 47,000.00	\$ 47,000.00						
TOTAL:													
					\$ 11,537,867.24		\$ 11,675,376.80						



CITY OF YAKIMA

Yakima Railroad Grade Separations, Phase 3
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