

**CCD FY 2018 HSIP Package 3, York/Josephine & 7th Ave**

OPINION OF PROBABLE CONSTRUCTION COSTS

ITEM NO.	ITEM DESCRIPTION	UNIT	PROJECT TOTAL	UNIT COST	TOTAL COST	Sturgeon Electric		WL Contractors	
						Liberty Mutual	Liberty Mutual	Liberty Mutual	Liberty Mutual
A.									
201-00000	CLEARING AND GRUBBING	LS	1	\$4,000.00	\$4,000.00	8,000.00	\$ 8,000.00	1,000.00	\$ 1,000.00
202-00200	REMOVAL OF SIDEWALK	SY	160	\$30.00	\$4,800.00	35.00	\$ 5,600.00	39.00	\$ 6,240.00
202-00203	REMOVAL OF CURB AND GUTTER	LF	477	\$15.00	\$7,155.00	12.00	\$ 5,724.00	13.00	\$ 6,201.00
202-00206	REMOVAL OF CONCRETE CURB RAMP	SY	200	\$35.00	\$7,000.00	35.00	\$ 7,000.00	40.00	\$ 8,000.00
202-00220	REMOVAL OF ASPHALT MAT	SY	390	\$40.00	\$15,600.00	30.00	\$ 11,700.00	35.00	\$ 13,650.00
202-00828	REMOVAL OF TRAFFIC SIGNAL EQUIPMENT	EA	2	\$20,000.00	\$40,000.00	9,000.00	\$ 18,000.00	8,000.00	\$ 16,000.00
203-00100	MUCK EXCAVATION	CY	251	\$25.00	\$6,275.00	85.00	\$ 21,335.00	190.00	\$ 47,690.00
203-01597	POTHOLING	HR	40	\$500.00	\$20,000.00	455.00	\$ 18,200.00	250.00	\$ 10,000.00
208-00035	AGGREGATE BAG	LF	100	\$22.00	\$2,200.00	16.00	\$ 1,600.00	12.00	\$ 1,200.00
208-00045	CONCRETE WASHOUT STRUCTURE	EA	1	\$2,820.00	\$2,820.00	2,445.00	\$ 2,445.00	2,600.00	\$ 2,600.00
208-00050	STORM DRAIN INLET PROTECTION	EA	8	\$600.00	\$4,800.00	470.00	\$ 3,760.00	282.00	\$ 2,256.00
208-00070	VEHICLE TRACKING PAD	EA	2	\$2,900.00	\$5,800.00	2,200.00	\$ 4,400.00	708.00	\$ 1,416.00
208-00103	REMOVAL AND DISPOSAL OF SEDIMENT (LABOR)	HR	50	\$103.00	\$5,150.00	110.00	\$ 5,500.00	51.00	\$ 2,550.00
208-00105	REMOVAL AND DISPOSAL OF SEDIMENT (EQUIPMENT)	HR	25	\$162.00	\$4,050.00	145.00	\$ 3,625.00	117.00	\$ 2,925.00
208-00106	SWEEPING (SEDIMENT REMOVAL)	HR	25	\$163.00	\$4,075.00	225.00	\$ 5,625.00	230.00	\$ 5,750.00
208-00205	EROSION CONTROL SUPERVISOR	HR	50	\$300.00	\$15,000.00	215.00	\$ 10,750.00	220.00	\$ 11,000.00
210-04050	ADJUST VALVE BOX	EA	6	\$600.00	\$3,600.00	1,200.00	\$ 7,200.00	250.00	\$ 1,500.00
212-00050	SODDING	SF	6,452	\$2.00	\$12,904.00	2.00	\$ 12,904.00	9.50	\$ 61,294.00
212-00101	TREE PROTECTION	EA	19	\$80.00	\$1,520.00	600.00	\$ 11,400.00	251.00	\$ 4,769.00
403-00720	HOT MIX ASPHALT (PATCHING) (ASPHALT)	TON	162	\$300.00	\$48,600.00	210.00	\$ 34,020.00	254.00	\$ 41,148.00
608-00006	CONCRETE SIDEWALK (6 INCH)	SY	63	\$75.00	\$4,725.00	63.00	\$ 3,969.00	71.00	\$ 4,473.00
608-00010	CONCRETE CURB RAMP	SY	323	\$175.00	\$56,525.00	145.00	\$ 46,835.00	170.00	\$ 54,910.00
609-21011	CURB TYPE 2 (SECTION M)	LF	183	\$45.00	\$8,235.00	35.00	\$ 6,405.00	39.00	\$ 7,137.00
609-21020	CURB AND GUTTER TYPE 2 (SECTION II-B)	LF	451	\$45.00	\$20,295.00	33.00	\$ 14,883.00	38.00	\$ 17,138.00
503-00036	DRILLED CAISSON (36 INCH)	LF	104	\$500.00	\$52,000.00	415.00	\$ 43,160.00	285.00	\$ 29,640.00
503-00037	VACUUMED CAISSON (36 INCH)	LF	104	\$500.00	\$52,000.00	480.00	\$ 49,920.00	295.00	\$ 30,680.00
613-00000	WIRING	LS	1	\$20,000.00	\$20,000.00	26,000.00	\$ 26,000.00	11,830.00	\$ 11,830.00
613-00206	2 INCH ELECTRICAL CONDUIT (BORED)	LF	965	\$30.00	\$28,950.00	31.00	\$ 29,915.00	26.00	\$ 25,090.00
613-00300	3 INCH ELECTRICAL CONDUIT	LF	20	\$30.00	\$600.00	20.00	\$ 400.00	32.00	\$ 640.00
613-00306	3 INCH ELECTRICAL CONDUIT (BORED)	LF	1,670	\$30.00	\$50,100.00	32.00	\$ 53,440.00	25.00	\$ 41,750.00
613-06000	ELECTRIC METER PEDESTAL CABINET AND BASE	EA	2	\$5,000.00	\$10,000.00	5,900.00	\$ 11,800.00	4,000.00	\$ 8,000.00
613-07000	PULL BOX (SPECIAL)	EA	2	\$1,400.00	\$2,800.00	2,000.00	\$ 4,000.00	1,500.00	\$ 3,000.00
613-70250	LUMINAIRE (LED)(5300 LUMENS)(55 WATT)	EA	16	\$850.00	\$13,600.00	850.00	\$ 13,600.00	800.00	\$ 12,800.00
613-50150	SECONDARY SERVICE PEDESTAL	EA	2	\$350.00	\$700.00	5,900.00	\$ 11,800.00	3,950.00	\$ 7,900.00
614-00011	SIGN PANEL (CLASS I)	SF	170.25	\$50.00	\$8,512.50	40.00	\$ 6,810.00	30.00	\$ 5,107.50
614-70150	PEDESTRIAN SIGNAL FACE (16" )(COUNT DOWN)	EA	24	\$700.00	\$16,800.00	515.00	\$ 12,360.00	395.00	\$ 9,480.00
614-70336	TRAFFIC SIGNAL FACE (12-12-12)	EA	24	\$1,000.00	\$24,000.00	885.00	\$ 21,240.00	688.00	\$ 16,512.00
614-72860	PEDESTRIAN PUSH BUTTON	EA	24	\$400.00	\$9,600.00	410.00	\$ 9,840.00	228.00	\$ 5,472.00
614-72866	EMERGENCY VEHICLE TRAFFIC SIGNAL PRIORITY CONTROL SYSTEM	EA	6	\$7,000.00	\$42,000.00	3,200.00	\$ 19,200.00	2,654.00	\$ 15,924.00
614-72855	TRAFFIC SIGNAL CABINET AND CONTROLLER	EA	2	\$27,000.00	\$54,000.00	32,000.00	\$ 64,000.00	29,330.00	\$ 58,660.00
614-72886	VEHICLE DETECTION SYSTEM (SINGLE CAMERA)	EA	6	\$9,000.00	\$54,000.00	6,700.00	\$ 40,200.00	7,196.00	\$ 43,176.00
614-81000	TRAFFIC SIGNAL-LIGHT POLE STEEL	EA	10	\$9,000.00	\$90,000.00	3,900.00	\$ 39,000.00	5,142.00	\$ 51,420.00
614-81125	TRAFFIC SIGNAL-LIGHT POLE STEEL (1-25 FT MAST ARM)	EA	2	\$9,000.00	\$18,000.00	13,000.00	\$ 26,000.00	10,528.00	\$ 21,056.00
614-81140	TRAFFIC SIGNAL-LIGHT POLE STEEL (1-40 FT MAST ARM)	EA	2	\$12,000.00	\$24,000.00	13,200.00	\$ 26,400.00	12,649.00	\$ 25,298.00
614-81540	TRAFFIC SIGNAL-LIGHT POLE STEEL (2-25&40 FOOT MAST ARM)	EA	2	\$25,000.00	\$50,000.00	13,800.00	\$ 27,600.00	19,182.00	\$ 38,364.00
614-84100	TRAFFIC SIGNAL PEDESTAL POLE ALUMINUM	EA	4	\$2,500.00	\$10,000.00	1,900.00	\$ 7,600.00	1,436.00	\$ 5,744.00
614-86105	TELEMETRY (FIELD)	EA	2	\$4,500.00	\$9,000.00	5,100.00	\$ 10,200.00	6,466.00	\$ 12,932.00
630-00000	FLAGGING	HR	640	\$35.00	\$22,400.00	26.00	\$ 16,640.00	40.00	\$ 25,600.00
630-00007	TRAFFIC CONTROL INSPECTION	DAY	24	\$110.00	\$2,640.00	190.00	\$ 4,560.00	118.00	\$ 2,832.00
630-00012	TRAFFIC CONTROL MANAGEMENT	DAY	80	\$720.00	\$57,600.00	690.00	\$ 55,200.00	869.00	\$ 69,520.00
630-80335	BARRICADE (TYPE 3 M-A)(TEMPORARY)	EA	4	\$80.00	\$320.00	145.00	\$ 580.00	68.00	\$ 272.00
630-80341	CONSTRUCTION TRAFFIC SIGN (PANEL SIZE A)	EA	40	\$70.00	\$2,800.00	35.00	\$ 1,400.00	50.00	\$ 2,000.00
630-80342	CONSTRUCTION TRAFFIC SIGN (PANEL SIZE B)	EA	16	\$70.00	\$1,120.00	41.00	\$ 656.00	62.00	\$ 992.00
630-80344	CONSTRUCTION TRAFFIC SIGN (SPECIAL)	SF	30	\$40.00	\$1,200.00	30.00	\$ 900.00	43.00	\$ 1,290.00
630-80355	PORTABLE MESSAGE SIGN PANEL	EA	6	\$2,000.00	\$12,000.00	2,470.00	\$ 14,820.00	4,690.00	\$ 28,140.00
630-80356	ADVANCE WARNING FLASHING OR SEQUENCING ARROW PANEL (A TYPE)	EA	4	\$600.00	\$2,400.00	615.00	\$ 2,460.00	1,500.00	\$ 6,000.00
630-80360	DRUM CHANNELIZING DEVICE	EA	120	\$40.00	\$4,800.00	12.00	\$ 1,440.00	31.00	\$ 3,720.00
630-80363	DRUM CHANNELIZING DEVICE (WITH LIGHT)(FLASHING)	EA	20	\$56.00	\$1,120.00	25.00	\$ 500.00	34.00	\$ 680.00
630-80380	TRAFFIC CONE	EA	160	\$10.00	\$1,600.00	5.10	\$ 816.00	14.00	\$ 2,240.00
625-00000	CONSTRUCTION SURVEYING	LS	1	\$30,000.00	\$30,000.00	7,200.00	\$ 7,200.00	9,070.00	\$ 9,070.00
626-00000	MOBILIZATION	LS	1	\$35,000.00	\$35,000.00	34,000.00	\$ 34,000.00	32,000.00	\$ 32,000.00
700-70010	F/A 01 - MINOR CONTRACT REVISIONS	FA	1	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00
700-70023	F/A 02 - ON-THE-JOB TRAINEE	FA	1	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00
700-70082	F/A 03 - FURNISH & INSTALL ELECTRICAL SERVICE	FA	1	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00
700-70310	F/A 04 - LANDSCAPING	FA	1	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00
700-70380	F/A 05 - EROSION CONTROL	FA	1	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00
700-70592	F/A 06 - SURVEY MONUMENTATION	FA	1	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00
700-70589	F/A 07 - ENVIRONMENTAL HEALTH & SAFETY MANAGEMENT	FA	1	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00

<b>PROJECT TOTAL</b>	<b>\$1,205,291.50</b>	<b>1,051,037.00</b>	<b>\$1,080,178.50</b>
Textura Fee		5850.00	5850
		<b>1,056,887.00</b>	<b>\$1,086,028.50</b>