

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

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