

NNESOTA
ISE SIGNAL SYSTEMS (FYA IMPROVEMENTS)
ESTIMATE OF PROBABLE COST
February 21, 2024
\\N17503115-final-dsgn\54-quant\Eagan SEQ 02-21-24.xlsxJEE

ITEM NO.	ITEM DESCRIPTION	UNIT	ESTIMATED TOTAL QUANTITY	UNIT COST	ESTIMATED TOTAL COST	SP 1921-120 (LPP)		SAP 019-628-XXX (COUNTY)		SAP 178-123-001 (IGH-CITY)		SAP 195-030-004 (EAGAN-CITY)	
						QUANTITY	ESTIMATED COST	QUANTITY	ESTIMATED COST	QUANTITY	ESTIMATED COST	QUANTITY	ESTIMATED COST
2011.601	AS BUILT	LUMP SUM	1	\$6,000.00	\$6,000.00	0.5	\$3,000.00	0.13	\$780.00	0.04	\$240.00	0.33	\$1,980.00
2021.501	MOBILIZATION	LUMP SUM	1	\$60,000.00	\$60,000.00	0.5	\$30,000.00	0.13	\$7,800.00	0.04	\$2,400.00	0.33	\$19,800.00
2102.518	PAVEMENT MARKING REMOVAL	SQ FT	1,438	\$4.00	\$5,752.00	719	\$2,876.00	99	\$396.00			620	\$2,480.00
2104.502	REMOVE PIPE APRON	EACH	2	\$400.00	\$800.00	1	\$400.00			0.5	\$200.00	0.5	\$200.00
2104.503	SAWING CONCRETE PAVEMENT (FULL DEPTH)	LIN FT	5	\$100.00	\$500.00	2.5	\$250.00			1.2	\$120.00	1.3	\$130.00
2104.503	SAWING BITUMINOUS PAVEMENT (FULL DEPTH)	LIN FT	504	\$5.00	\$2,520.00	252	\$1,260.00			76	\$380.00	176	\$880.00
2104.503	REMOVE CURB AND GUTTER	LIN FT	124	\$15.00	\$1,860.00	62	\$930.00			24.2	\$363.00	37.8	\$567.00
2104.504	REMOVE BITUMINOUS PAVEMENT	SQ YD	169	\$10.00	\$1,690.00	84.5	\$845.00			24.7	\$247.00	59.8	\$598.00
2104.518	REMOVE BITUMINOUS WALK	SQ FT	492	\$3.00	\$1,476.00	246	\$738.00			80.5	\$241.50	165.5	\$496.50
2104.518	REMOVE CONCRETE WALK	SQ FT	1,230	\$3.00	\$3,690.00	615	\$1,845.00			223.8	\$671.40	391.2	\$1,173.60
2104.601	HAUL SALVAGED MATERIAL	LUMP SUM	1	\$6,000.00	\$6,000.00	1	\$6,000.00						
2105.607	GRANULAR BORROW (CV)	CU YD	80	\$20.00	\$1,600.00	40	\$800.00			16.2	\$324.00	23.8	\$476.00
2106.507	EXCAVATION - COMMON	CU YD	32	\$50.00	\$1,600.00	16	\$800.00			5	\$250.00	11	\$550.00
2106.507	COMMON EMBANKMENT (CV)	CU YD	17	\$25.00	\$425.00	8.5	\$212.50			2.7	\$67.50	5.8	\$145.00
2211.509	AGGREGATE BASE CLASS 5	TON	29	\$100.00	\$2,900.00	14.5	\$1,450.00			5	\$500.00	9.5	\$950.00
2360.509	TYPE SP 9.5 WEARING COURSE MIXTURE (3,C)	TON	6	\$300.00	\$1,800.00	3	\$900.00			1	\$300.00	2	\$600.00
2360.509	TYPE SP 12.5 WEARING COURSE MIXTURE (4,E)	TON	33	\$300.00	\$9,900.00	16.5	\$4,950.00			5	\$1,500.00	11.5	\$3,450.00
2501.502	18" RC PIPE APRON	EACH	2	\$1,750.00	\$3,500.00	1	\$1,750.00			0.5	\$875.00	0.5	\$875.00
2501.602	TRASH GUARD FOR 18" PIPE APRON	EACH	2	\$750.00	\$1,500.00	1	\$750.00			0.5	\$375.00	0.5	\$375.00
2503.503	18" RC PIPE SEWER DES 3006 CL V	LIN FT	24	\$80.00	\$1,920.00	12	\$960.00			6	\$480.00	6	\$480.00
2503.602	CONNECT TO EXISTING STORM SEWER	EACH	2	\$1,500.00	\$3,000.00	1	\$1,500.00			0.5	\$750.00	0.5	\$750.00
2506.502	ADJUST FRAME AND RING CASTING	EACH	1	\$750.00	\$750.00	0.5	\$375.00			0.25	\$187.50	0.25	\$187.50
2511.507	RANDOM RIPRAP CLASS III	CU YD	6	\$150.00	\$900.00	3	\$450.00			1.5	\$225.00	1.5	\$225.00
2521.518	6" CONCRETE WALK	SQ FT	1,666	\$13.50	\$22,491.00	833	\$11,245.50			290.2	\$3,917.70	542.8	\$7,327.80
2531.503	CONCRETE CURB & GUTTER DESIGN B424	LIN FT	49	\$50.00	\$2,450.00	24.5	\$1,225.00			12.2	\$610.00	12.3	\$615.00
2531.503	CONCRETE CURB & GUTTER DESIGN B618	LIN FT	331	\$60.00	\$19,860.00	165.5	\$9,930.00			46.2	\$2,772.00	119.3	\$7,158.00
2531.503	CONCRETE CURB & GUTTER DESIGN D418	LIN FT	11	\$60.00	\$660.00	5.5	\$330.00			2.7	\$162.00	2.8	\$168.00
2531.618	TRUNCATED DOMES	SQ FT	252	\$70.00	\$17,640.00	126	\$8,820.00			42.5	\$2,975.00	83.5	\$5,845.00
2563.601	TRAFFIC CONTROL	LUMP SUM	1	\$15,000.00	\$15,000.00	0.5	\$7,500.00	0.13	\$1,950.00	0.04	\$600.00	0.33	\$4,950.00
2563.601	ALTERNATE PEDESTRIAN ROUTE	LUMP SUM	1	\$10,000.00	\$10,000.00	0.5	\$5,000.00			0.12	\$1,200.00	0.38	\$3,800.00
2565.601	PAINT SIGNAL SYSTEM C	LUMP SUM	1	\$10,000.00	\$10,000.00							1	\$10,000.00
2565.601	PAINT SIGNAL SYSTEM F	LUMP SUM	1	\$10,000.00	\$10,000.00							1	\$10,000.00
2565.616	REVISE SIGNAL SYSTEM A	SYSTEM	1	\$134,000.00	\$134,000.00	0.5	\$67,000.00					0.5	\$67,000.00
2565.616	REVISE SIGNAL SYSTEM B	SYSTEM	1	\$81,000.00	\$81,000.00	0.5	\$40,500.00					0.5	\$40,500.00
2565.616	REVISE SIGNAL SYSTEM C	SYSTEM	1	\$33,000.00	\$33,000.00	0.5	\$16,500.00	0.25	\$8,250.00			0.25	\$8,250.00
2565.616	REVISE SIGNAL SYSTEM D	SYSTEM	1	\$88,000.00	\$88,000.00	0.5	\$44,000.00			0.25	\$22,000.00	0.25	\$22,000.00
2565.616	REVISE SIGNAL SYSTEM E	SYSTEM	1	\$93,000.00	\$93,000.00	0.5	\$46,500.00					0.5	\$46,500.00
2565.616	REVISE SIGNAL SYSTEM F	SYSTEM	1	\$68,000.00	\$68,000.00	0.5	\$34,000.00	0.5	\$34,000.00				
2573.502	STORM DRAIN INLET PROTECTION	EACH	10	\$250.00	\$2,500.00	5	\$1,250.00			1.2	\$300.00	3.8	\$950.00
2573.503	SILT FENCE, TYPE MS	LIN FT	160	\$3.50	\$560.00	80	\$280.00			40	\$140.00	40	\$140.00
2573.503	SEDIMENT CONTROL LOG TYPE WOOD FIBER	LIN FT	500	\$3.50	\$1,750.00	250	\$875.00			62.5	\$218.75	187.5	\$656.25
2574.507	COMMON TOPSOIL BORROW (CV)	CU YD	50	\$55.00	\$2,750.00	25	\$1,375.00			8.5	\$467.50	16.5	\$907.50
2574.508	FERTILIZER TYPE 3	LB	37	\$5.00	\$185.00	18.5	\$92.50			6.2	\$31.00	12.3	\$61.50
2575.504	ROLLED EROSION PREVENTION CATEGORY 20	SQ YD	450	\$5.00	\$2,250.00	225	\$1,125.00			77.5	\$387.50	147.5	\$737.50
2575.505	SEEDING	ACRE	0.14	\$400.00	\$56.00	0.07	\$28.00			0.02	\$8.00	0.05	\$20.00
2575.508	SEED MIX 25-151	LB	27	\$12.00	\$324.00	13.5	\$162.00			4.5	\$54.00	9	\$108.00
2575.523	WATER	M GALLON	25	\$50.00	\$1,250.00	12.5	\$625.00			3.7	\$185.00	8.8	\$440.00
2582.503	24" SOLID LINE PREF THERMO GR IN	LIN FT	224	\$10.00	\$2,240.00	112	\$1,120.00	12	\$120.00			100	\$1,000.00
2582.518	CROSSWALK PREF THERMO GR IN	SQ FT	2,376	\$15.00	\$35,640.00	1188	\$17,820.00	432	\$6,480.00	132	\$1,980.00	624	\$9,360.00
TOTAL ESTIMATED CONSTRUCTION COST					\$774,689.00		\$380,344.50		\$59,776.00		\$48,705.35		\$285,863.15