

Project: TR289 Over Yellow Creek
 Task: Quantities/Cost
 Calc: PJL Check: AJE
 Date: 1/24/2024



Item Number (Enter as 100E25000)	Item Description	Quantity	Unit	Average Award	Total
ROADWAY QUANTITIES AND COSTS					
201E11000	CLEARING AND GRUBBING	1	LUMP	4000	\$4,485.92
202E23000	PAVEMENT REMOVED	48.7	SY	16	\$873.86
203E35110	GRANULAR MATERIAL, TYPE B	5.8	CY	100	\$650.46
407E10000	TACK COAT	3	GALL	4	\$13.46
441E70000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22	4.1	CY	300	\$1,379.42
606E15050	GUARDRAIL, TYPE MGS	112.5	FT	38	\$4,794.33
606E15250	GUARDRAIL, TYPE MGS QUARTER POST SPACING	50	FT	74	\$4,149.48
606E26050	ANCHOR ASSEMBLY, MGS TYPE B	3	EACH	2108	\$7,090.99
606E26550	ANCHOR ASSEMBLY, MGS TYPE T	1	EACH	1288	\$1,444.88
613E41200	LOW STRENGTH MORTAR BACKFILL	79	CY	136	\$12,062.64
659E00100	SOIL ANALYSIS TEST	2	EACH	146	\$328.23
659E00300	TOPSOIL	8.7	CY	19	\$187.89
659E10000	SEEDING AND MULCHING	78.0	SY	2	\$174.95
659E14000	REPAIR SEEDING AND MULCHING	3.9	SY	1	\$4.28
659E15000	INTER-SEEDING	3.9	SY	1	\$2.99
659E20000	COMMERCIAL FERTILIZER	0.12	TON	772	\$103.88
659E31000	LIME	0.02	ACRE	148	\$3.33
659E35000	WATER	0.21	M GA	2	\$0.47
				SUBTOTAL	\$37,751.46
BRIDGE QUANTITIES AND COSTS					
202E11203	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN	1	LUMP	132000	\$148,035.49
503E21101	UNCLASSIFIED EXCAVATION, AS PER PLAN	79	CY	57	\$5,056.60
509E10000	EPOXY COATED REINFORCING STEEL	1495	LB	2	\$2,759.46
510E10000	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT	100	EACH	22	\$2,429.55
511E45710	CLASS QC1 CONCRETE, ABUTMENT	14	CY	1210	\$18,991.11
512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)	47	SY	26	\$1,373.10
512E33000	TYPE 2 WATERPROOFING	19	SY	23	\$490.66
513E10221	STRUCTURAL STEEL MEMBERS, LEVEL 1, AS PER PLAN	32754	LB	4	\$146,931.95
513E10321	STRUCTURAL STEEL MEMBERS, LEVEL 6, AS PER PLAN	14301	LB	6	\$96,230.47
513E20000	WELDED STUD SHEAR CONNECTORS	2000	EACH	6	\$12,446.17
513E95030	STRUCTURAL STEEL, MISC.: TRUSS CONNECTIONS	3845	EACH	50	\$215,604.72
516E10000	PREFORMED ELASTOMERIC COMPRESSION JOINT SEAL	29	FT	30	\$975.69
516E13600	1" PREFORMED EXPANSION JOINT FILLER	24	SF	9	\$246.33
516E41100	1/8" PREFORMED BEARING PAD	20	EACH	37	\$824.36
516E44101	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN (12"x12"x2.3584" BEARING WITH 14"x21.75"x2" LOAD PLATE)	4	EACH	1954	\$8,767.39
516E44101	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN (8"x8"x2.3584" BEARING WITH 10"x15"x1" LOAD PLATE)	8	EACH	1954	\$17,534.79
516E47001	JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN	1	LUMP	180000	\$201,866.58
517E73008	RAILING (THRIE BEAM RAIL), MISC.: FLOOR SYSTEM MOUNTED RAILING	209	FT	120	\$28,126.74
517E76300	RAILING, MISC.: DECORATIVE LATTICE RAILING	209	FT	405	\$94,828.09
518E22300	SPECIAL - STEEL DRIP STRIP	209	FT	15	\$3,631.46
530E00600	SPECIAL - STRUCTURE, MISC.: PARTIALLY FILLED STEEL GRID DECK	1481	SF	60	\$99,654.80
602E98000	MASONRY, MISC.: REPAIR ABUTMENT MORTAR	1	LUMP	10000	\$11,214.81
625E33000	STRUCTURE GROUNDING SYSTEM	2	EACH	7040	\$15,791.08
630E97700	SIGNING, MISC.: PORTAL ORNAMENTATION	8	EACH	871	\$7,816.91
845E60020	SURFACE PREPARATION OF EXISTING STRUCTURAL STEEL	1	LUMP	43000	\$48,223.68
845E61000	GRINDING FINIS, TEARS, SLIVERS ON EXISTING STRUCTURAL STEEL	7	MNHR	100	\$785.04
845E62020	FIELD METALLIZING OF EXISTING STRUCTURAL STEEL	1	LUMP	5000	\$5,607.41
				SUBTOTAL	\$1,196,244.44

NOTES:

- Roadway and structural quantities included
- Inflation based on 2023-07, FY24-28 Business Plan Inflation Calculator.xls



Basis Year	2022
Construction Year	2024
Inflation %	5.9
Total w/o Contingency	\$1,233,995.90
Contingency %	0
Contingency Total	\$0
Total	\$1,233,996