

SUMMARY OF QUANTITIES

CODED NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				
				100% STATE ROADWAY J000-2A	100% STATE ROADWAY I000-2A	100% STATE SIGNING Y002-1C	100% STATE BOX CULVERTS TUNNEL SN 025-2018 EB X228	100% STATE BOX CULVERTS TUNNEL SN 025-2017 WB X228
	PIPE CULVERTS, CLASS A, TYPE 2 36"	FOOT	27	27				
	PIPE CULVERTS, CLASS A, TYPE 2 48"	FOOT	88	88				
	PIPE CULVERTS, CLASS A, TYPE 2 54"	FOOT	83	83				
	PIPE CULVERTS, CLASS A, TYPE 2 84"	FOOT	16	16				
	PIPE CULVERTS, CLASS A, TYPE 3 36"	FOOT	40	40				
	PIPE CULVERTS, CLASS A, TYPE 4 84"	FOOT	67	67				
	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	36	36				
	PIPE CULVERTS, CLASS D, TYPE 1 24"	FOOT	94	94				
	PIPE CULVERTS, CLASS D, TYPE 1 36"	FOOT	39	39				
	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	4	4				
	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	2	2				
	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	EACH	2	2				
	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 48"	EACH	4	4				
	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 84"	EACH	1	1				
	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 24"	EACH	2	2				
	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 48"	EACH	2	2				
	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 54"	EACH	1	1				
	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 84"	EACH	1	1				
	METAL END SECTIONS 15"	EACH	3	3				
	METAL END SECTIONS 18"	EACH	1	1				
	METAL END SECTIONS 24"	EACH	6	6				
	METAL END SECTIONS 36"	EACH	3	3				
	REINFORCED CONCRETE PIPE TEE, 24" PIPE WITH 24" RISER	EACH	2	2				
	CONCRETE HEADWALLS	CU YD	1.7	1.7				
	CONCRETE COLLAR	EACH	15	15				
	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	2420	2420				
	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	1415	1415				
	STORM SEWER REMOVAL 24"	FOOT	136	136				
	CONCRETE SEALER	SQ FT	8309			7511	798	
	EPOXY CRACK INJECTION	FOOT	102			70	32	
	GEOCOMPOSITE WALL DRAIN	SQ YD	429			258	171	
	CONCRETE HEADWALL FOR PIPE DRAINS	EACH	83	83				
	PIPE DRAINS 15"	FOOT	98	98				
	PIPE DRAINS 18"	FOOT	94	94				
	PIPE DRAINS 24"	FOOT	147	147				
	PIPE DRAINS 36"	FOOT	27	27				
	PIPE UNDERDRAINS 4"	FOOT	3353	3353				
	PIPE UNDERDRAINS 6"	FOOT	35390	35390				
	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	76	76				
	PIPE UNDERDRAINS 6" (SPECIAL)	FOOT	782	782				
	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	274			164	110	
	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1				
	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1				
	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	EACH	1	1				

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	INLETS TYPE B, TYPE 3 FRAME AND GRATE	EACH	15	15				
	MEDIAN INLET (604101)	EACH	2	2				
	INLETS TO BE RECONSTRUCTED	EACH	1	1				
	DRAINAGE STRUCTURES, TYPE 5 WITH TWO TYPE 22 FRAME AND GRATES	EACH	9	9				
	REMOVING MANHOLES	EACH	1	1				
	REMOVING INLETS	EACH	5	5				
	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	3222	3222				
	CONCRETE MEDIAN SURFACE, 6 INCH (SPECIAL)	SQ FT	27820	27820				
	TYPE C INLET BOX, STANDARD 609001 (SEPCIAL)	EACH	1	1				
	CONCRETE THRUST BLOCKS	EACH	7	7				
	STEEL PLATE BEAM GUARD RAIL, TYPE A, 6 FOOT POSTS	FOOT	12562.5	12562.5				
	STEEL PLATE BEAM GUARD RAIL, TYPE B	FOOT	50	50				
	STEEL PLATE BEAM GUARD RAIL, ATTACHED TO STRUCTURES	FOOT	36	36				
	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	11	11				
	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	8	8				
	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	11	11				
	GUARDRAIL REMOVAL	FOOT	10592	10592				
	CABLE ROAD GUARD REMOVAL	FOOT	2193	2193				
	REMOVAL AND REINSTALLATION OF EXISTING STEEL PLATE BEAM GUARD RAIL, SINGLE RAIL	FOOT	1054	1054				
	TEMPORARY GUARD RAIL	FOOT	395	395				
	REMOVE AND RE-ERECT STEEL PLATE BEAM GUARD RAIL	FOOT	425	425				
	DELINEATORS	EACH	241	241				
	CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT	FOOT	1349	1349				
	CONCRETE BARRIER BASE	FOOT	1870	1870				
	SHOULDER RUMBLE STRIP	FOOT	48318	40092	8226			
	WOVEN WIRE FENCE, 4'	FOOT	2149	2149				
	PERMANENT SURVEY MARKERS, TYPE I	EACH	48	48				
	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	27	27				
	ENGINEER'S FIELD LABORATORY	CAL MO	27	27				
	MOBILIZATION	L SUM	0.76	0.76				
	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	2		2			
	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1		1			
	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1		1			
	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1		1			
	TRAFFIC CONTROL AND PROTECTION, STANDARD 701456	L SUM	1		1			
	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	0.76	0.76				
	TRAFFIC CONTROL AND PROTECTION (DETOUR 1)	L SUM	0.5	0.5				
	TRAFFIC CONTROL SURVEILLANCE	CAL DA	38	38				
	CHANGEABLE MESSAGE SIGN	CAL MO	25	25				
	SHORT-TERM PAVEMENT MARKING	FOOT	3969		3969			
	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	55661	46147	9514			
	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	9624	8795	829			
	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	6213	5589	624			