

TABULATION OF CONDUITS QUANTITIES		
ITEM DESCRIPTION	UNIT	TOTAL QTY.
CONDUIT IN TRENCH, 2" DIA., PVC	FOOT	4020
CONDUIT PUSHED, 2" DIA., PVC	FOOT	300
CONDUIT ATTACHED TO STRUCTURE, 1" DIA., GALVANIZED STEEL	FOOT	235
CONDUIT ATTACHED TO STRUCTURE, 1 1/4" DIA., GALVANIZED STEEL	FOOT	240
CONDUIT ATTACHED TO STRUCTURE, 2" DIA., GALVANIZED STEEL	FOOT	5115
JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 24" X 24" X 10"	EACH	12
UNIT DUCT, 600V, 2ϕ1C NO.4, 1/C NO.6 GROUND, (XLPϕTYPE USE)	FOOT	1615
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	3270
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	4634
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4	FOOT	3348
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	3900
FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, 12F	FOOT	4802
CONCRETE FOUNDATION, TYPE E 24ϕINCH DIAMETER (SPECIAL)	FOOT	10
CONCRETE FOUNDATION, TYPE E 36 INCH DIAMETER	FOOT	35
DRILL EXISTING HANDHOLE	EACH	3
TRAFFIC COUNTER	EACH	2
CONCRETE FOUNDATION, TYPE 1	FOOT	7
CAMERA POLE, 45 FT	EACH	1
CABINET, MODEL 334	EACH	2
POLE MOUNTED EQUIPMENT CABINET, TYPE B	EACH	7
ETHERNET SWITCH (MATERIAL ONLY)	EACH	18
TRAFFIC SIGNAL POST, SPECIAL	EACH	2
CAT 5 ETHERNET CABLE	FOOT	747
CLOSED-CIRCUIT TELEVISION DOME CAMERA, IP BASED	EACH	9
CLOSED-CIRCUIT TELEVISION DOME CAMERA, IP BASED (MATERIAL ONLY)	EACH	2
CAMERA POLE, 55 FT	EACH	1
ELECTRIC SERVICE INSTALLATION, SPECIAL	EACH	1
FIBER OPTIC CABLE 48 FIBERS, SINGLE MODE	EACH	5254
FIBER OPTIC ETHERNET DROP AND REPEAT SWITCH	EACH	4
COMMUNICATIONS VAULT	EACH	4

STRUCTURE TOTAL BILL OF MATERIAL						
Special Provision	Pay Item #	ITEM	UNIT	SUPER	SUB	TOTAL
	44000155	HotMix Asphalt Surface Removal, 1 1/2"	Sq. Yd.	29961		29961
	50102400	Concrete Removal	Cu. Yd.	115.2		115.2
	50157300	Protective Shield	Sq. Yd.	10734		10734
	50300100	Floor Drains	Each	380		380
	50300255	Concrete Superstructure	Cu. Yd.	136.5		136.5
	50300260	Bridge Deck Grooving	Sq. Yd.	28509		28509
	50300300	Protective Coat	Sq. Yd.	35218		35218
	50500405	Furnishing and Erecting Structural Steel	Pound	10890		10890
	50300530	Floor Drain Extension	Each	389		389
x	50500715	Jack and Remove Existing Bearings	Each	24		24
x	50501130	Structural Steel Repair	Pound	20104		20104
	50606401	Containment and Disposal of Lead Paint Cleaning Residues No. 1	L. Sum	1		1
	50606402	Containment and Disposal of Lead Paint Cleaning Residues No. 2	L. Sum	1		1
	50800205	Reinforcement Bars, Epoxy Coated	Pound	45740		45740
	52000XXX	Finger Plate Expansion Joint	Foot	78		78
	52000110	Preformed Joint Strip Seal	Foot	738		738
	52000600	Fabric Reinforced Elastomeric Trough	Foot	400		400
	52100540	Anchor Bolts, 1 1/2"	Each		96	96
	58700300	Concrete Sealer	Sq. Ft.		1719	1719
x	X0321468	Plug Existing Deck Drains	Each	1331		1331
x	X0322185	Bridge Deck Latex Concrete Overlay, 2 1/4"	Sq. Yd.	29520		29520
x	X0325381	Field Thermal Spraying (Metallizing) Structural Steel No.1	L. Sum	1		1
x	X0325382	Field Thermal Spraying (Metallizing) Structural Steel No.2	L. Sum	1		1
x	X0322559	Bolt Replacement	Each	340		340
x	X0325305	Structural Repair of Concrete (Depth Equal To or Less Than 5 in.)	Sq. Ft.		2798	2798
x	X0325645	High Load Multi-Rotation Bearings, Guided Expansion, 450K	Each	4		4
x	#4002036	High Load Multi-Rotation Bearings, Guided Expansion, 550K	Each	20		20
x	X5080600	Mechanical Splicers	Each	1998		1998
x	Z0016200	Deck Slab Repair (Partial)	Sq. Yd.	58.9		58.9
x	Z0016001	Deck Slab Repair (Full Depth, Type I)	Sq. Yd.	105.6		105.6
x	Z0016002	Deck Slab Repair (Full Depth, Type II)	Sq. Yd.	19.6		19.6
x	#4002037	Bridge Deck Scarification, 3/4"	Sq. Yd.	29961		29961