

# SUMMARY OF QUANTITIES

## CONSTRUCTION TYPE CODE Y031-1F

CODE NO.	ITEM	UNIT	TOTAL	Randall Road @ US 20 Ramps A & B	Randall Road @ Highland Avenue	Randall Road @ Royal Blvd.	Randall Road @ Big Timber Road	Randall Road @ Fox Lane	Randall Road @ Alt Lane	Randall Road @ I-90 Ramps B & I	Randall Road @ I-90 Ramps A & C	Randall Road @ Point Blvd.	Randall Road @ Joy Lane/ Northwest Pkw	Randall Road @ Illinois Rte. 72	Randall Road @ Binnie Road	Interconnect
67000400	ENGINEER'S FIELD OFFICE TYPE A	CAL MO	10													10
67100100	MOBILIZATION	L SUM	1													1
70101700	TRAFFIC CONTROL AND PROTECTION	L SUM	1													1
81000600	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	17613													17599
81000700	CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	17													
81000800	CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL	FOOT	39													
81001000	CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL	FOOT	76													
81018500	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	2127													2127
81018600	CONDUIT PUSHED, 2 1/2" DIA., GALVANIZED STEEL	FOOT	167													
81018700	CONDUIT PUSHED, 3" DIA., GALVANIZED STEEL	FOOT	48													
81018900	CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	295													
81100600	CONDUIT ATTACHED TO STRUCTURE, 2" DIA., GALVANIZED STEEL	FOOT	176													176
81300810	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 18" X 12" X 8"	EACH	2													2
81400100	HANDHOLE	EACH	35													32
81400200	HEAVY-DUTY HANDHOLE	EACH	4													
81400300	DOUBLE HANDHOLE	EACH	2													
81700215	ELECTRIC CABLE IN CONDUIT, 600V (EPR-TYPE RHW) 2-1/C NO. 10	FOOT	596													
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	17739													17599
82103310	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, PHOTO-CELL CONTROL, 310 WATT	EACH	2													
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	27	1	1	1	1	1	1	1	1	1	1	1	1	
85700205	FULL-ACTUATED CONTROLLER AND TYPE N CABINET, SPECIAL	EACH	6					1	1	1	1					
85700305	FULL-ACTUATED CONTROLLER AND TYPE V CABINET, SPECIAL	EACH	1		1											
85700505	FULL-ACTUATED CONTROLLER IN EXISTING CABINET, SPECIAL	EACH	18	1		1	1					1	1			
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	141													
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	159													
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	3992													
87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	1375													
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE NO. 6 2C	FOOT	29													
87502480	TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH	3													
87700200	STEEL MAST ARM ASSEMBLY AND POLE, 32 FT.	EACH	1													
87700220	STEEL MAST ARM ASSEMBLY AND POLE, 36 FT.	EACH	1													
87702930	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 40 FT.	EACH	1													
87702990	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 54 FT.	EACH	1													
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	12													
87800200	CONCRETE FOUNDATION, TYPE D	FOOT	4													
87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	30													
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	30													
87900200	DRILL EXISTING HANDHOLE	EACH	5													5
88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	10													
88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2													
88030210	SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2													
88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2													
88200210	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	10													
88500100	INDUCTIVE LOOP DETECTOR	EACH	72													
88800100	PEDESTRIAN PUSH-BUTTON	EACH	2			11		10	11	15	15			8		
89501410	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT	EACH	1													
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	20	1		1	1					1	1		1	
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	26	1	1	1	1	1	1	1	1	1	1	1		
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	2													
X0322925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	21925													21925
X0325705	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL II	EACH	3													
X8050015	SERVICE INSTALLATION - POLE MOUNTED	EACH	1													
X8620020	UNINTERRUPTIBLE POWER SUPPLY	EACH	16		1								1			
X8730027	ELECTRIC CABLE IN CONDUIT, GROUND NO. 6 1C	FOOT	846				1	1	1	1						
XX005230	VIDEO DETECTION SYSTEM (COMPLETE INTERSECTION)	L SUM	1													
XX005800	RELOCATE EXISTING UPS BATTERY BACK-UP SYSTEM	EACH	2													
XX005940	REMOTE-CONTROLLED VIDEO SYSTEM	EACH	7	1		1	1			1	1					
XX006654	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM24F	FOOT	21975													21975
Z0076600	TRAINEES	HOUR	500													500
XX007282	ETHERNET KIT	EACH	22	1		1	1	1	1		1	1	1	1		1
XX007283	ETHERNET HUB KIT	EACH	4		1											
XX007284	CONFLICT MONITOR	EACH	19	1		1	1					1	1			
XX007285	MODIFY VIDEO PROCESSING UNIT	EACH	1													

Δ = Y080

PROFILE SURVEYED GRADES CHECKED BY: DATE: \_\_\_\_\_  
 CHANGES CHECKED BY: DATE: \_\_\_\_\_  
 STRUCTURE NOTATIONS CHECKED BY: DATE: \_\_\_\_\_  
 PLAN NOTE BOOK NO. \_\_\_\_\_  
 SURVEYED ALIGNMENT CHECKED BY: DATE: \_\_\_\_\_  
 RT. OF WAY CHECKED BY: DATE: \_\_\_\_\_  
 ROAD FILE NAME: \_\_\_\_\_  
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