

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	2005-079 TS	DUPAGE	19	2
FED. ROAD DIST. NO. 1		ILLINOIS	H.GHWAY PROJECT	
CONTRACT: 60A92				

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE			
CODE NO	ITEM	UNIT	URBAN 80% FED. 20% STATE TOTAL QUANTITIES	IL. RTE 83 AT BLUFF RD. Y031-1F	IL. RTE. 83 AT 91 ST. Y031-1F	IL. RTE. 83 AT CENTRAL AVE. Y031-1F	INTERCONNECT IL. 83 FROM BLUFF RD. TO CENTRAL AVE. Y031-1F
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	4	1	1	1	1
67100100	MOBILIZATION	L SUM	1	0.25	0.25	0.25	0.25
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	0.25	0.25	0.25	0.25
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	0.25	0.25	0.25	0.25
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	0.25	0.25	0.25	0.25
** 72000100	SIGN PANEL-TYPE 1	SQ FT	28.5		28.5		
81000600	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	7860		516		7344
81000700	CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	71		71		
81000800	CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL	FOOT	71		71		
81001100	CONDUIT IN TRENCH, 5" DIA., GALVANIZED STEEL	FOOT	15		15		
81018500	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	922		90		832
81018900	CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	354		354		
81019000	CONDUIT PUSHED, 5" DIA., GALVANIZED STEEL	FOOT	190		190		
81400100	HANDHOLE	EACH	18		5		13
81400200	HEAVY-DUTY HANDHOLE	EACH	1		1		
81400300	DOUBLE HANDHOLE	EACH	2		2		
⚠ 81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	7998		654		7344
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	3	1	1	1	
85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	2	1	1		
85700300	FULL-ACTUATED CONTROLLER AND TYPE V CABINET	EACH	1			1	
86000100	MASTER CONTROLLER	EACH	1			1	
86400100	TRANSCEIVER - FIBER OPTIC	EACH	3	1	1	1	
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1155		1155		
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	595	10	35	550	
X0322925	ELECTRIC CABLE IN CONDUIT, TRACER NO. 14 1C	FOOT	9223				9223
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	2249		2249		
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 5C	FOOT	3552.5	369.5	3183		
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	901		901		

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87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	4859	825	3234	800	
X8730027	ELECTRIC CABLE IN CONDUIT, GROUNDING NO. 6 1C	FOOT	1261	10	701	550	
* 8730250	ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED	FOOT	610		610		
87502480	TRAFFIC SIGNAL POST, GALVANIZED STEEL 14FT.	EACH	2		2		
87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16FT.	EACH	2		2		
87700200	STEEL MAST ARM ASSEMBLY AND POLE, 32 FT.	EACH	1		1		
87700230	STEEL MAST ARM ASSEMBLY AND POLE, 38 FT.	EACH	1		1		
87700300	STEEL MAST ARM ASSEMBLY AND POLE, 52 FT.	EACH	1		1		
87700320	STEEL MAST ARM ASSEMBLY AND POLE, 55 FT.	EACH	1		1		
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	16		16		
87800415	CONCRETE FOUNDATION TYPE E 36-INCH DIAMETER	FOOT	60		60		
87800150	CONCRETE FOUNDATION, TYPE C	FOOT	4		4		
87900200	DRILL EXISTING HANDHOLE	EACH	4		2		2
X8710020	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	FOOT	9360				9360
88500100	INDUCTIVE LOOP DETECTOR	EACH	33	10	11	12	
88600100	DETECTOR LOOP, TYPE 1	FOOT	293		293		
* 88700200	LIGHT DETECTOR	EACH	3		3		
* 88700300	LIGHT DETECTOR AMPLIFIER	EACH	1		1		
88800100	PEDESTRIAN PUSH-BUTTON	EACH	5		5		
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	2	1		1	
X8900030	REMOVE EXISTING TEMPORARY TRAFFIC SIGNAL EQUIPMENT	EACH	1		1		
88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	21	2	8	11	
88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	8	3		5	
88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	5	2	2	1	
88030210	SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	5	2	2	1	
88030240	SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	5	2	2	1	
88102710	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED	EACH	2		2		
88102740	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED	EACH	3		3		
X8050015	SERVICE INSTALLATION - POLE MOUNTED	EACH	3	1	1	1	
X8620020	UNINTERRUPTABLE POWER SUPPLY	EACH	3	1	1	1	
88200210	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	26	4	10	12	
X0324007	OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH	1	0.33	0.33	0.34	⚠
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	582	10	22	550	

** SPECIALTY ITEMS

*100% COST TO THE TRI-STATE FIRE PROTECTION DISTRICT
Y031-3D

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES
IL. RTE. 83 FROM
BLUFF RD. TO CENTRAL AV.

PLOT DATE: 3/20/2007

⚠ Rev. 6-1-07