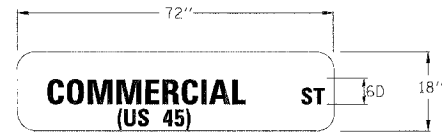


FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	135
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

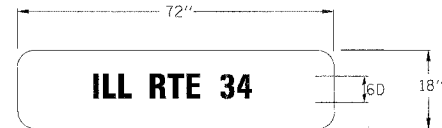
SCHEDULE OF QUANTITIES

PAY ITEMS	UNIT	TOTAL QUANT.
72000100 SIGN PANEL, TYPE 1	SQ FT	46
80300100 LOCATING UNDERGROUND CABLE	FOOT	1113
80500105 SERVICE INSTALLATION TYPE A (MODIFIED)	L SUM	1
81012500 CONDUIT IN TRENCH, 1 1/2" DIA., PVC	FOOT	735
81012600 CONDUIT IN TRENCH, 2" DIA., PVC	FOOT	180
81012800 CONDUIT IN TRENCH, 3" DIA., PVC	FOOT	25
81013000 CONDUIT IN TRENCH, 4" DIA., PVC	FOOT	40
81021540 CONDUIT, AUGERED, 1 1/2" DIA., PVC	FOOT	155
81021560 CONDUIT, AUGERED, 2 1/2" DIA., PVC	FOOT	25
81021570 CONDUIT, AUGERED, 3" DIA., PVC	FOOT	230
81021590 CONDUIT, AUGERED, 4" DIA., PVC	FOOT	95
81400100 HANDHOLE	EACH	4
81500110 GULFBOX JUNCTION	EACH	9
81900200 TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	1170
82103900 LUMINAIRE, SODIUM VAPOR, MULTIMOUNT, 250 WATT	EACH	4
82500605 LIGHTING CONTROLLER - PHOTOCELL RELAY	EACH	1
85700200 FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1
87301245 ELECTRIC CABLE IN CONDUIT SIGNAL NO. 14 5C	FOOT	250
87301255 ELECTRIC CABLE IN CONDUIT SIGNAL NO. 14 7C	FOOT	195
87301275 ELECTRIC CABLE IN CONDUIT SIGNAL NO. 14 12C	FOOT	1480
87301305 ELECTRIC CABLE IN CONDUIT LEAD-IN, NO. 14, 1 PAIR	FOOT	4150
87502310 TRAFFIC SIGNAL POST, PAINTED STEEL 16'	EACH	3
87700260 STEEL MAST ARM ASSEMBLY AND POLE, 44 FT.	EACH	2
87702870 STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 28 FT.	EACH	1
87702950 STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 44 FT.	EACH	1
87800100 CONCRETE FOUNDATION, TYPE A	FOOT	10.5
87800150 CONCRETE FOUNDATION, TYPE C	FOOT	3.5
87800400 CONCRETE FOUNDATION, TYPE E, 30-INCH DIAMETER	FOOT	60
88040070 SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	3
88040090 SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	4
88040150 SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	5
88040160 SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	2
88200100 TRAFFIC SIGNAL BACKPLATE	EACH	8
88500100 INDUCTIVE LOOP DETECTOR	EACH	8
88500200 INDUCTIVE LOOP DETECTOR WITH SYSTEM OUTPUT	EACH	4
88600100 DETECTOR LOOP, TYPE 1	FOOT	1231
X0300737 RADIO TRANSCEIVER	EACH	1
XX006661 UNINTERRUPTIBLE POWER SUPPLY	EACH	1
XX003813 ELECTRIC CABLE IN CONDUIT, NO. 10 3/C	FOOT	360



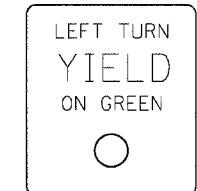
STREET NAME SIGN

MAST ARM MOUNTED
STA. 45+45, 70' RT.
STA. 46+06, 38' LT.



STREET NAME SIGN

MAST ARM MOUNTED
STA. 44+96, 18' LT.
STA. 46+86, 18' RT.



R10-12
24" X 30"
MAST ARM MOUNTED
STA. 44+96, 7' LT.
STA. 46+86, 7' RT.

GENERAL NOTES

- ALL ELECTRIC CABLE AND CONDUIT QUANTITIES ARE ROUNDED UP TO THE NEAREST 5 FEET.
- THE FURNISHING AND INSTALLATION OF THE 1-1/4" CONDUIT WITH ITS TRENCHING AND BACKFILL FROM THE LOOP SAWCUT TO THE SPLICE POINT WILL BE INCIDENTAL TO THE LOOP INSTALLATION AND SEPARATE PAYMENT WILL NOT BE MADE FOR THIS WORK.
- THE INDUCTION LOOP WIRE AND LEAD-IN WIRE SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATION OR AS INDICATED ON THE PLANS
- SHIELDED CABLE TO LOOP LEADS SHALL BE GROUNDED AT THE CONTROLLER TERMINAL ONLY.
- DETECTOR LOOPS SHALL BE INSTALLED PRIOR TO FINAL SURFACE INSTALLATION. THE DETECTOR LOOP CORNERS SHALL BE DIAGONALLY CUT. IF RESURFACING IS NOT INCLUDED, THEN THE DETECTOR LOOP CORNERS SHALL BE CORE DRILLED 2" MINIMUM DIAMETER.
- WHILE SIGNAL HEADS ARE MOUNTED IN PLACE, BUT NOT YET IN OPERATION, THEY SHALL BE SECURELY COVERED IN WHITE PLASTIC.
- EXISTING SURFACE DISTURBED DURING EXCAVATION FOR FOUNDATIONS AND PUSH PITS SHALL BE RESTORED TO THE LIMITS AND CONDITION SPECIFIED BY THE ENGINEER OR AS SHOWN ON THE PLANS. UNLESS NOTED OTHERWISE ON THE PLANS THE REMOVAL AND RESTORATION SHALL BE INCLUDED IN THE CONTRACT.
- THE FINAL LOCATION OF THE DETECTOR LOOPS, AND TRAFFIC SIGNAL FOUNDATIONS, SHALL BE APPROVED BY THE BUREAU OF OPERATIONS BEFORE INSTALLATION.
- IN AREAS WHERE MULTIPLE RUNS OF PARALLEL CONDUIT ARE IN THE SAME LOCATION, TRENCH AND BACKFILL WILL ONLY BE PAID FOR ONCE.
- THE LIGHT POLES SHALL BE SIGNED WITH THE POLE NUMBER ONLY, AS SHOWN ON THE WIRING DIAGRAM.
- CABLE QUANTITIES ARE MEASURED IN PLAN VIEW.
- SAWED SLOTS FOR TWISTED PAIR ELECTRIC CABLE SHALL BE LARGER THAN SINGLE CONDUCTOR LOOP SLOTS.
- ALL DETECTOR LOOPS SHALL BE INSTALLED PRIOR TO RESURFACING.
- ALL PROPOSED MAST ARMS SHALL BE LOCATED NO CLOSER THAN 6 FT. FROM FACE OF CURB TO THE CENTER OF POLE; ALL PROPOSED TRAFFIC SIGNAL POSTS SHALL BE LOCATED NO CLOSER THAN 4-1/2' FROM THE FACE OF CURB TO CENTER OF THE POST, UNLESS OTHERWISE SHOWN ON THE PLANS.
- PROPOSED LIGHT POLE FOUNDATIONS SHALL BE FLUSH WITH EXISTING SURFACE.
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF TRAFFIC OPERATIONS 72 HOUR PRIOR TO THE SHUT-DOWN OR CUTTING OF EXISTING DETECTOR LOOPS.
- THE DISTRICT BUREAU OF OPERATIONS SHALL BE NOTIFIED AT LEAST 10 DAYS PRIOR TO PLACEMENT OF THE FINAL PAVEMENT MARKINGS.
- CONCRETE IN-GROUND FOUNDATIONS FOR LIGHT POLES MAY BE USED INSTEAD OF POLE FOUNDATIONS, STEEL. THE COST OF THE FOUNDATIONSHALL BE THE CONTRACT UNIT PRICE FOR POLE FOUNDATION, STEEL.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

US RTE 45 & IL RTE 13
TRAFFIC SIGNAL
SUMMARY OF QUANTITIES
AND SIGN DETAILS

SCALE: NONE
DATE: 10/09/06
DRAWN BY: MCV
CHECKED BY: WB

DRAWN BY: [blank]
CHECKED BY: [blank]
