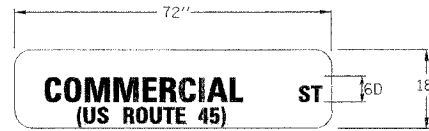


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	31-1-2, 31B	SALINE	199	92
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

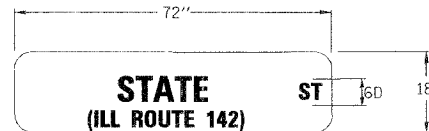
SCHEDULE OF QUANTITIES

PAY ITEMS	UNIT	TOTAL QUANT.
72000100	SIGN PANEL, TYPE 1	SQ FT 76
80300100	LOCATING UNDERGROUND CABLE	FOOT 1310
80500105	SERVICE INSTALLATION, TYPE A (MODIFIED)	EACH 1
81012600	CONDUIT IN TRENCH, 1/2" DIA., PVC	FOOT 832
81012600	CONDUIT IN TRENCH, 2" DIA., PVC	FOOT 678
81013000	CONDUIT IN TRENCH, 4" DIA., PVC	FOOT 30
81021500	CONDUIT, AUGERED, 1/2" DIA., PVC	FOOT 170
81021500	CONDUIT, AUGERED, 2" DIA., PVC	FOOT 509
81021500	CONDUIT, AUGERED, 3" DIA., PVC	FOOT 212
81021500	CONDUIT, AUGERED, 4" DIA., PVC	FOOT 85
81400000	CONCRETE HANDHOLE	EACH 8
81500200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT 1307
81700315	ELECTRIC CABLE IN CONDUIT, 600V, (EPR-TYPE RHW) 3-1/C, NO. 10	FOOT 1278
82100400	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH 8
82500605	LIGHTING CONTROLLER - PHOTOCELL RELAY	EACH 1
83002600	LIGHT POLE, ALUMINUM, 40 FT., M.H., 15 FT. DAVIT ARM	EACH 8
83600357	LIGHT POLE FOUNDATION, METAL, 15" BOLT CIRCLE, 8" X 8'	EACH 8
84200700	LIGHTING FOUNDATION REMOVAL	EACH 4
85700200	FULL ACTUATED CONTROLLER AND TYPE IV CABINET	EACH 1
86600010	GULFBOX JUNCTION	EACH 7
87301255	ELECTRIC CABLE IN CONDUIT SIGNAL NO. 14 7C	FOOT 1889
87301275	ELECTRIC CABLE IN CONDUIT SIGNAL NO. 14 12C	FOOT 743
87301305	ELECTRIC CABLE IN CONDUIT LEAD-IN, NO. 14, 1 PAIR	FOOT 4353
87502310	TRAFFIC SIGNAL POST, PAINTED STEEL 16'	EACH 4
87700160	STEEL MAST ARM ASSEMBLY AND POLE, 24 FT.	EACH 2
87700220	STEEL MAST ARM ASSEMBLY AND POLE, 36 FT.	EACH 2
87800100	CONCRETE FOUNDATION, TYPE A	FOOT 12
87800200	CONCRETE FOUNDATION, TYPE D	FOOT 3.5
87800400	CONCRETE FOUNDATION, TYPE E, 30-INCH DIAMETER	FOOT 60
88200100	TRAFFIC SIGNAL BACKPLATE	EACH 8
88500100	INDUCTIVE LOOP DETECTOR	EACH 12
88500200	INDUCTIVE LOOP DETECTOR WITH SYSTEM OUTPUT	EACH 6
88600100	DETECTOR LOOP, TYPE 1	FOOT 1656
88000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH 1
X0300739	UNINTERRUPTIBLE POWER SUPPLY	EACH 1
X0323310	REMOVAL OF EXISTING SIGNAL SYSTEM	EACH 1
X8801310	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH 4
X8801395	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH 12
X8801400	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH 4
XX220000	REMOVE EXISTING LIGHTING SYSTEM	EACH 1



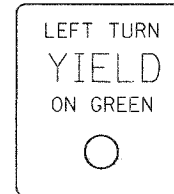
STREET NAME SIGN

MAST ARM MOUNTED
STA. 388+39, 40' RT.
STA. 388+59, 38' LT.



STREET NAME SIGN

MAST ARM MOUNTED
STA. 388+10, 17' LT.
STA. 388+90, 20' RT.



R10-12
24" X 30"
MAST ARM MOUNTED
STA. 388+10, 3' LT.
STA. 388+47, 38' RT.
STA. 388+49, 36' LT.
STA. 388+90, 3' RT.
BRACKET MOUNTED
STA. 388+10, 40' LT.
STA. 388+68, 40' LT.
STA. 388+90, 40' RT.
STA. 388+29, 42' RT.

GENERAL NOTES

- ALL ELECTRIC CABLE AND CONDUIT QUANTITIES ARE ROUNDED UP TO THE NEAREST 5 FEET.
- THE FURNISHING AND INSTALLATION OF THE 1-1/2" CONDUIT WITH ITS TRENCHING AND BACKFILL FROM THE LOOP SAWCUT TO THE SPLICE POINT WILL BE INCLUDED IN THE LOOP INSTALLATION AND SEPARATE PAYMENT WILL NOT BE MADE FOR THIS WORK.
- THE INDUCTION LOOP WIRE AND LEAD-IN WIRE WILL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATION OR AS INDICATED ON THE PLANS.
- SHIELDED CABLE TO LOOP LEADS WILL BE GROUNDED AT THE CONTROLLER TERMINAL ONLY.
- ALL DETECTOR LOOP CORNERS WILL BE CORE DRILLED 2 INCHES MINIMUM DIAMETER.
- WHILE SIGNAL HEADS ARE MOUNTED IN PLACE, BUT NOT YET IN OPERATION, THEY MUST BE SECURELY COVERED IN WHITE PLASTIC.
- EXISTING SURFACE DISTURBED DURING EXCAVATION FOR FOUNDATIONS AND PUSH PITS MUST 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 WILL BE INCLUDED IN THE CONTRACT.
- THE LOCATION OF THE DETECTOR LOOPS AND TRAFFIC SIGNAL FOUNDATIONS SHOWN ON THE PLANS MAY BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER OF TRAFFIC OPERATIONS.
- IN AREAS WHERE MULTIPLE RUNS OF PARALLEL CONDUIT ARE IN THE SAME LOCATION, TRENCH AND BACKFILL WILL ONLY BE PAID FOR ONCE.
- NOT USED
- SAWED SLOTS FOR TWISTED PAIR ELECTRIC CABLE WILL BE LARGER THAN SINGLE CONDUCTOR LOOP SLOTS.
- ALL DETECTOR LOOPS MUST BE INSTALLED PRIOR TO RESURFACING.
- ALL PROPOSED MAST ARM POLES MUST BE LOCATED NO CLOSER THAN 6 FT. FROM FACE OF CURB TO THE CENTER OF POLE; ALL PROPOSED TRAFFIC SIGNAL POSTS WILL BE LOCATED NO CLOSER THAN 4-1/2' FROM THE FACE OF CURB TO CENTER OF THE POST, UNLESS OTHERWISE SHOWN ON THE PLAN.
- THE CONTRACTOR WILL NOTIFY THE ENGINEER OF TRAFFIC OPERATIONS 72 HOURS PRIOR TO THE SHUT-DOWN OR CUTTING OF EXISTING DETECTOR LOOPS.
- THE DISTRICT BUREAU OF OPERATIONS MUST BE NOTIFIED AT LEAST 10 DAYS PRIOR TO PLACEMENT OF THE FINAL PAVEMENT MARKINGS.

RC ENGINEERS, LTD.
CONSULTING ENGINEERS - SPRINGFIELD, ILLINOIS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
IL RTE 142
TRAFFIC SIGNAL & LIGHTING
SCHEDULE OF QUANTITIES
AND SIGN DETAILS

SCALE: NONE
DATE: 6-21-05
DRAWN BY: LLO/DJK
CHECKED BY: JCP/RCG