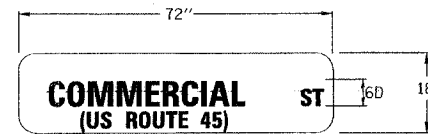


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	31-1-2, 31B	SALINE	199	92
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

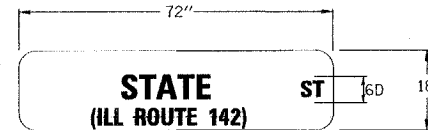
SCHEDULE OF QUANTITIES

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 1/2" DIA., PVC	FOOT	832
81012600 CONDUIT IN TRENCH, 2" DIA., PVC	FOOT	678
81013000 CONDUIT IN TRENCH, 4" DIA., PVC	FOOT	30
81021540 CONDUIT, AUGERED, 1 1/2" DIA., PVC	FOOT	170
81021550 CONDUIT, AUGERED, 2" DIA., PVC	FOOT	509
81021570 CONDUIT, AUGERED, 3" DIA., PVC	FOOT	212
81021590 CONDUIT, AUGERED, 4" DIA., PVC	FOOT	85
81400400 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
82102400 LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	8
82500605 LIGHTING CONTROLLER - PHOTOCCELL RELAY	EACH	1
83002600 LIGHT POLE, ALUMINUM, 40 FT., M.H., 15 FT. DAVIT ARM	EACH	8
83600350 LIGHT POLE FOUNDATION, METAL, 11" BOLT CIRCLE, 8" X 6"	EACH	8
83800505 BREAKAWAY DEVICE, COUPLING, WITH ALUMINUM SKIRT	EACH	32
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
89000100 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

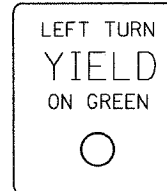
MAST ARM MOUNTED
STA. 388+39, 40' RT.
STA. 388+59, 38' LT.



STATE (ILL ROUTE 142)

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: 7/14/05
DRAWN BY: LLO/DJK
CHECKED BY: JCP/RCG

Rev. 7-18-05