

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	*	RICHLAND	43	31
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

• (123Z, 124Z)TS-2,RS-3

GENERAL NOTES

THIS TRAFFIC SIGNAL PORTION OF THE ENTIRE PROJECT IS LOCATED AT THE INTERSECTIONS OF IL 130 & PARKER STREET, IL 130 & MAIN STREET, AND IL 130 & NORTH AVENUE ALL IN THE CITY OF OLNEY IN RICHLAND, COUNTY. THE WORK INCLUDED IN THIS SECTION CONSISTS OF INSTALLING TRAFFIC AND PEDESTRIAN SIGNALS AND ALL OTHER WORK NECESSARY TO COMPLETE THIS SECTION.

THE EXISTING UTILITY LINES ARE SHOWN ON THE PLANS TO INDICATE THEIR PRESENCE AND APPROXIMATE LOCATION. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO BEGINNING CONSTRUCTION. CALL J.U.L.I.E. AT 1-800-892-0123.

THE TRAFFIC OPERATIONS UNIT CHIEF (MIKE WORTHEY) AT THE ILLINOIS DEPARTMENT OF TRANSPORTATION SHALL BE NOTIFIED AT 217-342-8284 AT LEAST 72 HOURS PRIOR TO TURNING ON ANY FLASHER OR CONTROLLER UNIT.

THE SIZE OF THE CABLE SUPPLIED SHALL BE EQUAL TO OR GREATER THAN THE SIZE OF THE CABLE REQUIRED TO CARRY THE LOAD BETWEEN THE CONTROLLER AND THE SERVICE INSTALLATION.

THE CONTRACTOR SHALL ARRANGE FOR A FACTORY OR SUPPLIER REPRESENTATIVE TO BE PRESENT AT THE INTERSECTION WHEN THE SIGNALS ARE TURNED ON. THE REPRESENTATIVE SHALL MAKE CERTAIN THAT ALL EQUIPMENT OPERATES TO THE SATISFACTION OF THE ENGINEER.

A 2 FOOT MINIMUM, 6 FOOT DESIRABLE, HORIZONTAL CLEARANCE SHALL BE MAINTAINED FROM THE BACK OF CURB TO THE EDGE OF HANDHOLES, JUNCTION BOXES AND SIGNAL POST FOUNDATIONS. A 5 FOOT MINIMUM HORIZONTAL CLEARANCE SHALL BE MAINTAINED FROM THE BACK OF THE CURB TO ALL MAST ARM FOUNDATIONS. CONTROLLER FOUNDATIONS SHALL BE LOCATED AS FAR FROM THE BACK OF THE CURB AS POSSIBLE TO PROTECT THE CONTROLLER CABINET.

ALL HARDWARE SHALL BE TIGHTENED AND WELL SECURED. CABLES SHALL BE NEATLY WOUND IN HANDHOLES. CABLES SHALL BE NEATLY TRAINED IN THE CONTROLLER CABINET.

ALL THREADS OF BOLTS USED IN ASSEMBLY OF TRAFFIC SIGNAL COMPONENTS SHALL BE COATED WITH A NON-LEAD BASED ANTI-SEIZE COMPOUND, SIMILAR TO LEAD PLATE, PRIOR TO ASSEMBLY.

NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR PLACING CONDUIT AT GREATER THAN 2 FOOT MINIMUM DEPTH TO AVOID OBSTACLES SUCH AS UNDERGROUND UTILITIES.

THE CONTRACTOR IS RESPONSIBLE FOR UNCOVERING OR HAND DIGGING AROUND UTILITIES AS NECESSARY. THE COST OF THIS WORK IS TO BE INCLUDED WITH THE TRENCH AND BACKFILL FOR ELECTRICAL WORK PAY ITEM.

THE NUMBER OF CONDUCTORS FOR ELECTRIC CABLES AS SHOWN ON THE PLANS SHALL BE THE MINIMUM NUMBER OF CONDUCTORS FURNISHED FOR EACH LOCATION. THE CONTRACTOR MAY SUBSTITUTE AN ELECTRIC CABLE WITH MORE CONDUCTORS THAN SPECIFIED BUT NO ADDITIONAL COMPENSATION WILL BE MADE FOR THE EXTRA CONDUCTORS.

ALL NEW TRAFFIC AND PEDESTRIAN SIGNAL WIRING SHALL EXTEND FROM CONTROLLER TO SIGNAL. SPLICES IN HANDHOLES WILL NOT BE ALLOWED.

ALL MAST ARM MOUNTED SIGNAL HEADS ON AN INDIVIDUAL MAST ARM SHALL BE MOUNTED SO THAT THE RED INDICATIONS ARE LEVEL WITH EACH OTHER.

TRAFFIC SIGNAL HEADS SHALL BE PROPERLY COVERED PRIOR TO INTERSECTION TURN-ON OR AS DIRECTED BY THE ENGINEER. THIS COST SHALL BE INCLUDED WITH THE COST OF THE ASSOCIATED SIGNAL HEAD PAY ITEMS.

ALL TRAFFIC SIGNAL MAST ARM ASSEMBLIES (STANDARD, COMBINATION, OR DUAL) MUST BE DESIGNED FOR THE LOADINGS SHOWN ON THE HIGHWAY STANDARDS OR THESE SIGNAL PLANS, WHICHEVER IS GREATER.

THE CONTRACTOR SHALL SAVE HARMLESS THE EXISTING "LEFT TURN YIELD ON GREEN BALL" SIGNS ON THE EXISTING MAST ARMS AT ALL INTERSECTIONS. THE SAID SIGNS SHALL BE REMOVED AND REPLACED ON THE PROPOSED MAST ARMS.

THERE ARE 9 EXISTING LOAD SWITCHES AT THE INTERSECTION OF IL 130 & PARKER STREET AND 9 EXISTING LOAD SWITCHES AT THE INTERSECTION OF IL 130 & NORTH AVENUE THAT WILL NEED TO BE REMOVED AND REPLACED. THESE WILL BE INCLUDED WITH THE MODIFY CONTROLLER CABINET PAY ITEM.

THE EQUIPMENT AT THE INTERSECTION OF IL 130 & PARKER STREET AND AT THE INTERSECTION OF IL 130 & NORTH AVENUE SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF ACCORDINGLY.

THE EXISTING SIGNAL HEADS, CONTROLLER CABINET, AND THE CONTENTS OF THE CABINET AT THE INTERSECTION OF IL 130 & IL 250 (MAIN ST.) SHALL BE SALVAGED AND DELIVERED TO THE DISTRICT SEVEN SIGN SHOP, ROUTE 40 WEST, EFFINGHAM. THE REMAINING EQUIPMENT AT THIS INTERSECTION SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF ACCORDINGLY.

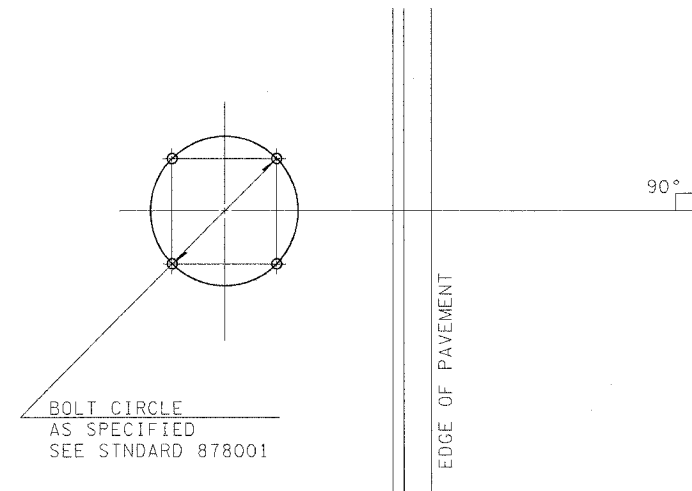
CITY OF OLNEY CONTACT:
DEPARTMENT OF PUBLIC WORKS
TOM TOTTEN
OLNEY, IL 62450
PHONE: (618) 395-1949

CITY OF OLNEY CONTACT
HIGHWAY LIGHTING
DAVE BERRY
OLNEY, IL 62450
PHONE: (618) 395-7302

AMERENCIPS
RON BAILEY
4978 N. IL 130
OLNEY, IL 62450
PHONE: (618) 393-5641

NUMBER OF TURNS REQUIRED IN DETECTOR LOOPS

6 X 6		6 X 30		6 X 40		LOOP SIZE
		0	491	0	627	2 TURNS
0	545	492	982	628	1255	3 TURNS
546	818	983	1636	1256	2091	4 TURNS
819	1145	1637	2455	2092	3136	5 TURNS
1146	1527	2456	3436			6 TURNS
1528	1964					7 TURNS
1965	2455					8 TURNS
2456	3000					9 TURNS
						10 TURNS



DETAIL OF MAST ARM FOUNDATION
BOLT PATTERN

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**TRAFFIC SIGNAL
GENERAL NOTES
& DETAILS**

SCALE: VERT.
DATE: HORIZ.

DRAWN BY
CHECKED BY

5/19/2006 c:\projects\74161\116\116.dwg

PLOT DATE = 5/19/2006
FILE NAME = 116.dwg
PLOT SCALE = 1/8"=1'-0"
USER NAME = dstr101