

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	**	JASPER	6	2
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
** D7 SIGNAL MODERNIZATION 2006-3				

GENERAL NOTES

THIS SECTION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS, THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JANUARY 1, 2002; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS" ADOPTED MARCH 1, 2005; AND "THE SPECIAL PROVISIONS" INCLUDED IN THE PROPOSAL.

THIS PROJECT IS LOCATED AT THE INTERSECTION OF IL ROUTE 33 AND JACKSON STREET IN THE CITY OF NEWTON, JASPER COUNTY. THE WORK INCLUDED IN THIS PROJECT CONSISTS OF THE REMOVAL OF 12 TRAFFIC SIGNAL HEADS, THE REPLACEMENT OF 11 TRAFFIC SIGNAL HEADS AND THE INSTALLATION OF THREE NEW TRAFFIC SIGNAL HEADS FOR A TOTAL OF 14 TRAFFIC SIGNAL HEADS; ALL NEW PEDESTRIAN SIGNAL HEADS AND ALL NEW PEDESTRIAN PUSH BUTTONS. TWO OF THE NEW TRAFFIC SIGNAL HEADS WILL BE INSTALLED ON A NEW MAST ARM. ALSO INCLUDED IS ANY OTHER WORK NECESSARY TO COMPLETE THE PROJECT.

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 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 LOCATION OF ALL TRAFFIC COMPONENTS AS SHOWN ON THE PLANS ARE APPROXIMATE ONLY. THE FINAL LOCATION SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

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.

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.

THE EXISTING TRAFFIC SIGNAL HEADS SHALL REMAIN IN OPERATION DURING THE CONSTRUCTION OF THE PROPOSED TRAFFIC SIGNALS.

IT IS PERMISSIBLE TO PLACE THE INTERSECTION INTO ALL RED FLASH TO FACILITATE THE INSTALLATION OF THE LED TRAFFIC SIGNAL HEADS AS DIRECTED BY THE ENGINEER.

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.

THERE ARE 8 EXISTING LOAD SWITCHES THAT WILL BE REMOVED AND REPLACED.

THIS WORK SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE PORTION OF SECTION 895 OF THE STANDARD SPECIFICATIONS. ALL 12 EXISTING TRAFFIC SIGNAL HEADS SHALL BECOME THE PROPERTY OF THE CITY OF NEWTON. THE CONTRACTOR SHALL SAVE HARMLESS AND DELIVER THE EQUIPMENT TO:

CITY OF NEWTON:
 RAYMOND REYNOLDS
 ELECTRICAL DEPARTMENT
 108 N. VAN BUREN
 NEWTON, IL 62448
 618-783-3139 OR 618-783-8451

INDEX OF SHEETS

- 1 COVER SHEET
- 2 INDEX OF SHEETS, AND GENERAL NOTES
- 3 SUMMARY OF QUANTITIES
- 4 EXISTING INSTALLATION AND REMOVAL ITEMS
- 5 PROPOSED INSTALLATION
- 6 BORING LOG

THE FOLLOWING STANDARDS ARE A PART OF THESE PLANS AND ARE INCLUDED AFTER SHEET NO. 6:

- 000001-04 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 701006-02 OFF-RD OPERATIONS, 2L, 2W, 15' TO 2' FROM PAVEMENT
- 701501-03 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
- 701701-04 URBAN LANE CLOSURE, MULTILANE INTERSECTION
- 701801-03 LANE CLOSURE MULTILANE 1W OR 2W OR SIDEWALK CLOSURE
- 702001-05 TRAFFIC CONTROL DEVICES
- 857001 STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
- 877001-02 STEEL MAST ARM ASSEMBLY AND POLE
- 878001-03 CONCRETE FOUNDATION DETAILS
- 880006 TRAFFIC SIGNAL MOUNTING DETAILS

PLOT DATE = 5/12/2006
 PLOT SCALE = 8000:1
 USER NAME = staff@nwk

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		GENERAL NOTES & INDEX OF SHEETS
SCALE:	VERT. DATE	HORIZ. DATE
		DRAWN BY
		CHECKED BY