

CABLE DIAGRAM

- R PROP. 1 SEC. 1 FACE SIGNAL HEAD
- S PROP. 5/C NO. 14 SIGNAL CABLE
- PROP. CONTROLLER (FLASHER)

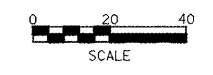
- CONSTRUCTION NOTES**
1. THE LOCATION OF ALL UTILITIES AND PRIVATELY OWNED FACILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO THE INSTALLATION OF ANY COMPONENTS.
 2. ELECTRICAL WORK SHALL CONFORM WITH NATIONAL, STATE, AND LOCAL CODES.
 3. ALL TRAFFIC SIGNAL HEADS SHALL HAVE 12" LED SECTIONS.
 4. THE EXISTING TEL-SPAR STOP SIGN POSTS WILL BE REPLACED WITH WOOD POSTS BY THE DEPARTMENT. THE PROPOSED FLASHER HEADS SHALL BE MOUNTED TO THE WOOD POSTS IN ACCORDANCE WITH HIGHWAY STANDARD 880001.
 5. THE JUNCTION BOX SHALL BE INSTALLED SO THAT THE TOP OF THE FRAME WILL BE FLUSH WITH THE PROPOSED GROUND LINE. THE JUNCTION BOX SHALL BE ENCASED WITH A MINIMUM OF SIX INCHES OF CONCRETE AROUND ALL SIDES. THE COST OF THIS WORK SHALL BE INCLUDED IN THE BID PRICE FOR GULFBOX JUNCTION, *COMPOSITE CONCRETE*
 6. COILABLE POLYETHYLENE DUCT MAY BE SUBSTITUTED FOR PVC CONDUIT PUSHED OR TRENCHED.
 7. THE CONTRACTOR MAY ELECT TO PUSH A CONDUIT THAT IS SHOWN TO BE TRENCHED ON THE PLANS. HOWEVER, THIS WORK WILL BE MEASURED FOR PAYMENT AND PAID FOR AS CONDUIT IN TRENCH OF THE TYPE AND SIZE SPECIFIED AND TRENCH AND BACKFILL FOR ELECTRICAL WORK.
 8. THE LOCATIONS FOR JUNCTION BOXES AND WOOD POLES ARE PROVIDED FOR REFERENCE ONLY. THE ENGINEER OF TRAFFIC SHALL BE NOTIFIED FOR LOCATION VERIFICATION BEFORE INSTALLATION.
 9. THE CONTRACTOR SHALL INSTALL 1" DIAMETER GALVANIZED STEEL CONDUIT AND HARDWARE FROM THE SERVICE DISCONNECT TO THE TOP OF THE SERVICE POLE FOR THE LUMINAIRES. *3-1/2" NO. 6 TWIN-TENDON BRACKETS*
 10. ALL PROPOSED CONTROLLER CABINETS, SERVICE DISCONNECTS, FLASHER HEADS, AND METALLIC CONDUITS SHALL BE GROUNDED IN ACCORDANCE WITH NEC REQUIREMENTS. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE UNIT BID PRICES FOR EACH ASSOCIATED ITEM.

THE ELECTRICAL SERVICE POLE SHALL BE LOCATED OUTSIDE OF THE CLEAR ZONE. THE CONTRACTOR SHALL OBTAIN LOCATION VERIFICATION FROM THE ENGINEER OF TRAFFIC PRIOR TO INSTALLATION.

THE ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE PRIME CONTRACTOR TO LOCATE THE PROPOSED FLASHER INSTALLATION WHERE IT WILL NOT BE IN CONFLICT WITH THE PROPOSED INTERSECTION IMPROVEMENT.

LEGEND

- R PROP. SIGNAL HEAD, LED, 1F, 1S, POST MOUNTED
- S PROP. JUNCTION, *COMPOSITE CONCRETE*
- PROP. FLASHER CONTROLLER
- PROP. CONDUIT, TRENCHED
- - - PROP. CONDUIT, PUSHED
- PROP. SERVICE INSTALLATION.
- PROP. LUMINAIRE, MULTI MOUNT, PHOTOCCELL CONTROL, 250 WATT
- ⊠ EX. STOP SIGN
- EX. ELECTRICAL SERVICE POLE (PRIMARY)



11. LUMINAIRES SHALL BE INSTALLED PERPENDICULAR TO THE ROADWAY CENTERLINES

IL 122 & SPRINGFIELD RD./COUNTY HIGHWAY 1 - SCHEDULE OF QUANTITIES		
ITEM DESCRIPTION	UNIT	QTY.
ELECTRIC SERVICE INSTALLATION, SPECIAL	EACH	1.0
CONDUIT IN TRENCH, 1 1/2" DIA., PVC	FOOT	16.0
CONDUIT IN TRENCH, 2" DIA., PVC	FOOT	65.0
CONDUIT PUSHED, 2" DIA., PVC	FOOT	124.0
CONDUIT ATTACHED TO STRUCTURE, 1 1/2" DIA., GALVANIZED STEEL	FOOT	24.0
GULFBOX JUNCTION, COMPOSITE CONCRETE	EACH	3.0
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	81.0
LUMINAIRE, SODIUM VAPOR, MULTI-MOUNT, PHOTO-CELL CONTROL, 250 WATT	EACH	2.0
FLASHER CONTROLLER	EACH	1.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	237.0
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 1-SECTION, POST MOUNTED	EACH	2.0