

TRAFFIC SIGNAL GENERAL NOTES

1. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO BEGINNING CONSTRUCTION (J.U.L.I.E. 800/892-0123). CONTACT IDOT FOR HIGHWAY LIGHTING LOCATE.
2. ALL TRAFFIC SIGNAL HEADS SHALL BE 12", UNLESS OTHERWISE NOTED.
3. ALL SIGNAL BASES SHALL BE LOCATED AT 6 FOOT MINIMUM CLEARANCE FROM CURB UNLESS OTHERWISE DIRECTED BY ENGINEER.
4. ALL CONDUIT IN TRENCH SHALL BE P.V.C. ALL CONDUIT PUSHED MAY BE GALVANIZED STEEL OR P.V.C. CONDUIT ATTACHED TO STRUCTURES SHALL BE GALVANIZED STEEL.
5. A 1/4" DIAMETER CONTINUOUS NYLON ROPE SHALL BE FURNISHED AND LEFT IN PLACE IN ALL CONDUITS BETWEEN HANDHOLES AND FOUNDATIONS OR CONTROLLER AS INCIDENTAL TO THE RESPECTIVE CONDUIT PAY ITEM.
6. THE PROPOSED TRAFFIC SIGNAL CONTROL CABINET SHALL BE FURNISHED WITH A MANUAL CONTROL SWITCH AND MANUAL CONTROL CORD WITHIN THE POLICE DOOR COMPARTMENT AS INCIDENTAL TO THE CONTROL CABINET PAY ITEM.
7. THE CONTRACTOR SHALL ARRANGE FOR A FACTORY OR SUPPLIER REPRESENTATIVE TO BE PRESENT AT THE INTERSECTION WHEN THE SIGNAL IS TURNED ON, INCIDENTAL TO THE CONTROLLER PAY ITEM.
8. THE DEPARTMENT OF TRANSPORTATION (815-434-8505) SHALL BE NOTIFIED AT LEAST 72 HOURS PRIOR TO THE TURNING ON OF THE CONTROLLER UNIT.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPORTING THE NEW ELECTRICAL LOADS FOR THE UNMETERED SERVICES ON THIS IMPROVEMENT TO THE UTILITY COMPANY AND AGENCY RESPONSIBLE FOR ENERGY CHARGES: CITY OF DEKALB, DEKALB IL.
10. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR PLACING CONDUIT AT GREATER THAN 2 FEET MINIMUM DEPTH TO AVOID OBSTACLES SUCH AS UNDERGROUND UTILITIES.
11. ALL MAST ARM SIGNAL HEADS ON AN INDIVIDUAL MAST ARM SHALL BE MOUNTED SO THAT THE "RED" INDICATIONS ARE LEVEL WITH EACH OTHER.
12. THE ELECTRICAL CONDUCTORS FOR ALL TRAFFIC SIGNAL HEADS SHALL BE SOLID, SOFT COPPER.
13. THE CONTRACTOR IS RESPONSIBLE FOR THE COST OF UNCOVERING OR HAND DIGGING AROUND UTILITIES, AS NECESSARY, INCIDENTAL TO THE CONDUIT PAY ITEM.
14. ALL THREADS OF BOLTS USED IN TRAFFIC COMPONENT ASSEMBLIES SHALL BE COATED WITH A NON-LEAD BASED ANTI-SEIZE COMPOUND, SIMILAR TO LEAD PLATE, PRIOR TO ASSEMBLY.
15. THE CONTROLLER CABINET SHALL BE PLACED SO THAT A TECHNICIAN MAY SEE THE INTERSECTION OVER THE TOP OF THE CABINET WHILE WATCHING THE COMPONENTS IN THE CABINET.
16. BACK PLATES MUST BE POLYCARBONATE WITH A DEEP BACK FLANGE.
17. THE CONTRACTOR SHALL PROVIDE 3 FEET SLACK CABLE IN EACH TRAFFIC SIGNAL STRUCTURE: MAST ARM, POST, CONTROLLER. THE SLACK, WHICH IS IN ADDITION TO THE VERTICAL LENGTH OF CABLE DEFINED IN THE SPECIFICATIONS, SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR EACH CABLE.
18. ALL EXISTING HANDHOLES WHICH ARE TO BE RE-USED SHALL BE THOROUGHLY CLEANED OF ANY ACCUMULATION OF SILT, DEBRIS, OR FOREIGN MATTER OF ANY KIND AND HAVE NEW AGGREGATE PLACED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS. EXISTING GROUND RODS SHALL BE RE-SET TO PROJECT ONLY TEN(10) INCHES OF ROD ABOVE HANDHOLE BASE OR PROVIDED IF NOT PRESENT. THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT CONSIDERED INCLUDED WITH THE COST OF THE ASSOCIATED TRAFFIC SIGNAL PAY ITEM.
19. ALL GROUNDING MATERIALS FOR TRAFFIC SIGNAL CONCRETE FOUNDATIONS SHALL REFER TO SECTION 807 IN THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED JANUARY 1, 2007.
20. THE CONTRACTOR SHALL PROVIDE A SELF-ADHERED PHASE DIAGRAM ON THE INSIDE OF THE CONTROLLER CABINET DOOR.
21. SIGNAL AND PEDESTRIAN HEADS SHALL HAVE BLACK HOUSING AND BLACK POLYCARBONATE BRACKETS.
22. RELOCATION OF EXISTING TRAFFIC SIGNAGE ONTO PROPOSED TRAFFIC SIGNAL POSTS SHALL NOT BE PAID FOR SEPARATELY BUT CONSIDERED INCLUDED IN THE COST OF THE ASSOCIATED TRAFFIC SIGNAL PAY ITEMS.
23. ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT CONSIDERED INCLUDED IN THE COST OF THE ASSOCIATED TRAFFIC SIGNAL PAY ITEMS.
24. ALL TRAFFIC SIGNAL POSTS, MAST ARMS, EMERGENCY VEHICLE PRIORITY EQUIPMENT AND CABINETS (INCLUDING BATTERY BACKUP CABINETS) AT THE IL 38 AND LOCUST STREET INTERSECTIONS SHALL BE FACTORY POWER COATED BLACK.
25. ALL FIBER OPTIC CABLE RUNS SHALL INCLUDE A SINGLE NO. 14 TRACER WIRE. THIS SHALL BE PAID FOR PER LINEAL FOOT AS ELECTRIC CABLE IN CONDUIT, TRACER NO. 14 1C.
26. THE USE OF BRACKET EXTENSIONS MAY BE REQUIRED TO ALIGN PEDESTRIAN SIGNAL HEADS WITH CROSSWALKS IN ORDER TO ENSURE PEDESTRIAN VISIBILITY. THE COST OF ANY ADDITIONAL BRACKET EXTENSIONS OR COMPONENTS SHALL BE CONSIDERED INCLUDED WITH THE COST OF THE ASSOCIATED TRAFFIC SIGNAL PAY ITEM.
27. WHERE EXISTING FOUNDATIONS ARE TO BE RE-USED. THE CONTRACTOR SHALL MEASURE AND PROVIDE BOLT PATTERN DETAILS TO TRAFFIC SIGNAL EQUIPMENT SUPPLIER PRIOR TO FABRICATION TO ENSURE COMPATABILITY. IN ADDITION THE CONTRACTOR SHALL INSPECT THE EXISTING ANCHOR BOLTS FOR SIGNS OF CORROSION IF SIGNIFICANT CORROSION IS PRESENT THE CONTRACTOR SHALL NOTIFY THE RESIDENT ENGINEER AS SOON AS POSSIBLE.
28. PEDESTRIAN SIGNALS SHALL BE 16" X 18", 1-FACE, 1-SECTION, LED
29. HAND AND PERSON SYMBOLS ON PEDESTRIAN SIGNALS SHALL BE FILLED.
30. REMOVAL OF EXISTING SERVICES & APPURTENANCES WILL BE INCLUDED IN THE COST OF SERVICE INSTALLATION, OF THE TYPE SPECIFIED. NEW SERVICE INSTALLATIONS SHALL BE INSTALLED AT SAME LOCATION AS EXISTING UNLESS OTHERWISE NOTED IN THE PLANS.
31. TREE PRUNING IF NECESSARY, FOR INSTALLATION OF NEW TRAFFIC SIGNAL STRUCTURES AT THE NORTHWEST QUADRANT OF THE PINE STREET INTERSECTION, SHALL BE IN ACCORDANCE WITH ARTICLE 201.05 (c) OF THE STANDARD SPECIFICATIONS.
32. THE EXISTING TRAFFIC SIGNAL CONTROLLER AT THE IL 23/IL 38 INTERSECTION SHALL BE PAINTED ACCORDING TO ARTICLES 851.03 AND 851.04 OF THE STANDARD SPECIFICATIONS EXCEPT THE COLOR OF THE PAINT SHALL BE BLACK. THIS WORK WILL BE INCLUDED IN THE COST OF MODIFY EXISTING CONTROLLER.
33. DETECTOR LOOPS SHALL BE INSTALLED IN MILLED SURFACE PRIOR TO HMA PLACEMENT.

ALL UNINTERRUPTABLE POWER SUPPLIES SHALL BE EQUIPPED WITH ALPHAGUARD MONITORS

FILE NAME = 0366983-SHT-TS-GNOTES.DGN	USER NAME = --	DESIGNED - DJD	REVISED - ---	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC SIGNAL GENERAL NOTES	F.A.P. RTE. 68	SECTION (28)N, TS & I	COUNTY DEKALB	TOTAL SHEETS 120	SHEET NO. 59
	PLOT SCALE = 1" = 20'	CHECKED - ---	REVISED - ---		SCALE: 1" = 20' SHEET NO. ___ OF ___ SHEETS STA. _____ TO STA. _____					CONTRACT NO. 66983
	PLOT DATE = 01/11	DATE - 01/11	REVISED - ---							ILLINOIS FED. AID PROJECT