

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	KANKAKEE	48	2

STA.	TO STA.
FED. ROAD DIST. NO. - ILLINOIS	FED. AID PROJECT

- FAP 840 (IL 50) & FAP 330 (IL 17)
- (139 Z, 11) TS-1 & (1) TS-2

GENERAL NOTES

- 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.
- ALL TRAFFIC SIGNAL HEADS SHALL BE 12", UNLESS OTHERWISE NOTED.
- ALL SIGNAL BASES SHALL BE LOCATED AT 6 FOOT MINIMUM CLEARANCE FROM CURB UNLESS OTHERWISE DIRECTED BY ENGINEER.
- 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.
- 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.
- 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.
- 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.
- THE DEPARTMENT OF TRANSPORTATION (815-434-8505) SHALL BE NOTIFIED AT LEAST 72 HOURS PRIOR TO THE TURNING ON OF THE CONTROLLER UNIT.
- 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 KANKAKEE, 850 N. HOBBIE AVENUE, KANKAKEE, IL. 60901.
- NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR PLACING CONDUIT AT GREATER THAN 2 FEET MINIMUM DEPTH TO AVOID OBSTACLES SUCH AS UNDERGROUND UTILITIES.
- ALL MAST ARM SIGNAL HEADS ON AN INDIVIDUAL MAST ARM SHALL BE MOUNTED SO THAT THE "RED" INDICATIONS ARE LEVEL WITH EACH OTHER.
- THE ELECTRICAL CONDUCTORS FOR ALL TRAFFIC SIGNAL HEADS SHALL BE SOLID, SOFT COPPER.
- THE CONTRACTOR IS RESPONSIBLE FOR THE COST OF UNCOVERING OR HAND DIGGING AROUND UTILITIES, AS NECESSARY, INCIDENTAL TO THE CONDUIT PAY ITEM.
- 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.
- 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.
- BACK PLATES MUST BE POLYCARBONATE WITH A DEEP BACK FLANGE.
- 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.
- AT ALL LOCATIONS WHERE DETECTOR LOOPS ARE TO BE INSTALLED OVER EXISTING DETECTOR LOOPS. THE CONTRACTOR SHALL BE REQUIRED TO MAKE TWO SEPARATE SAW CUTS THROUGH EACH EXISTING DETECTOR LOOP TO PREVENT THE POSSIBILITY OF THE EXISTING LOOP SHORTING TO CREATE A CLOSED CIRCUIT. THIS WORK SHALL BE INCIDENTAL TO THE DETECTOR LOOP PAY ITEM.
- 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.
- THE CONTRACTOR SHALL PROVIDE A SELF-ADHERED PHASE DIAGRAM ON THE INSIDE OF THE CONTROLLER CABINET DOOR.
- SIGNAL AND PEDESTRIAN HEADS SHALL HAVE BLACK HOUSING AND BLACK POLYCARBONATE BRACKETS.

- ADDITIONAL CONSTRUCTION NOT SHOWN ON THE PLANS:
 INSTALL UNINTERRUPTABLE POWER SUPPLY AT EXISTING CONTROLLER CABINET AT
 A) SCHUYLER AVENUE AND IL 17/COURT STREET (NE CORNER)
 B) US 45/52 / WASHINGTON AVENUE AND IL 17/COURT STREET (NW CORNER)
 C) FOURTH AVENUE AND IL 17/COURT STREET (NW CORNER)
 D) IL 50/INDIANA AVENUE AND HICKORY STREET
 RETROFIT ALL SIGNAL AND PEDESTRIAN HEADS WITH LED HEADS AT FOURTH AVENUE AND IL 17/COURT STREET, ALSO AT IL 50/INDIANA AVENUE AND HICKORY STREET.

SCHEDULE OF QUANTITIES SCHUYLER AVENUE AND IL 17/COURT STREET

ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	④
86200300	UNINTERRUPTABLE POWER SUPPLY, EXTENDED	EACH	1	1

SCHEDULE OF QUANTITIES US 45/52 / WASHINGTON AVENUE AND IL 17/COURT STREET

ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	④
86200300	UNINTERRUPTABLE POWER SUPPLY, EXTENDED	EACH	1	1

SCHEDULE OF QUANTITIES FOURTH AVENUE AND IL 17/COURT STREET

ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	④
86200300	UNINTERRUPTABLE POWER SUPPLY, EXTENDED	EACH	1	1
X0323336	LED SIGNAL FACE RETROFIT, RED BALL	EACH	14	14
X0323337	LED SIGNAL FACE RETROFIT, GREEN BALL	EACH	14	14
X0323418	LED SIGNAL FACE RETROFIT, YELLOW BALL	EACH	14	14
X0323419	LED SIGNAL FACE RETROFIT, YELLOW ARROW	EACH	4	4
X0323420	LED SIGNAL FACE RETROFIT, GREEN ARROW	EACH	4	4
XX004444	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED, RETROFIT	EACH	8	8

SCHEDULE OF QUANTITIES ILL 50/INDIANA AVENUE AND HICKORY STREET

ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	④
86200300	UNINTERRUPTABLE POWER SUPPLY, EXTENDED	EACH	1	1
X0323336	LED SIGNAL FACE RETROFIT, RED BALL	EACH	6	6
X0323337	LED SIGNAL FACE RETROFIT, GREEN BALL	EACH	6	6
X0323418	LED SIGNAL FACE RETROFIT, YELLOW BALL	EACH	6	6
XX004444	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED, RETROFIT	EACH	8	8

ALL UNINTERRUPTABLE POWER SUPPLIES SHALL BE EQUIPPED WITH ALPHAGUARD MONITORS

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 DISTRICT THREE

PREPARED BY: Bruce A. Huelber
 DISTRICT OPERATIONS ENGINEER

DATE: 05/10/07

EXAMINED BY: [Signature]
 DISTRICT CONSTRUCTION ENGINEER

James Thraedyth
 DISTRICT MATERIALS ENGINEER

Rick Powell
 DISTRICT STUDIES & PLANS ENGINEER

REVISIONS	
NAME	DATE
ARR	4/07

ILLINOIS DEPARTMENT OF TRANSPORTATION
 GENERAL NOTES
 FAP 840 (IL 50) AND FAP 330 (IL 17)
 SECTION (139 Z, 11) TS-1 & (1) TS-2
 KANKAKEE COUNTY

VERT. 1" = 20'
 SCALE: HORIZ. 1" = 20'
 DATE 6/05
 DRAWN BY ARR
 CHECKED BY JLS