

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7982	*	SANGAMON	68	35
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* 09-00447-03-PV		CITY OF SPRINGFIELD		

TRAFFIC SIGNAL GENERAL NOTES

- ALL SIGNAL HEADS SHALL BE BRACKET MOUNTED TO THE PROPOSED LIGHT POLES ACCORDING TO THE APPLICABLE STATE STANDARDS FOR MOUNTING SIGNAL HEADS TO A TRAFFIC SIGNAL POST.
- EXISTING CONTROLLER, CONTROLLER CABINET, FIBER OPTIC INTERCONNECT, SERVICE INSTALLATION AND HANDHOLES CONNECTED TO THE EXISTING TRAFFIC SIGNAL SYSTEM ARE TO REMAIN IN PLACE AT THE EXISTING LOCATIONS.
- ACTUAL LOCATIONS OF ALL SIGNAL FOUNDATIONS, HANDHOLES AND TRAFFIC CONTROLLER WILL BE DETERMINED BY THE ENGINEER.
- POST MOUNTED SIGNAL HEADS WILL BE INSTALLED SUCH THAT NO PART OF THE SIGNAL HEAD IS WITHIN TWO (2) FEET OF THE FACE OF THE CURB. MAST ARM POLES WILL BE PLACED SUCH THAT A MINIMUM DISTANCE OF SIX (6) FEET IS MAINTAINED BETWEEN THE CENTER OF THE POLE AND THE FACE OF THE CURB.
- SEE PAVEMENT MARKING SHEET FOR LOCATIONS OF PAVEMENT MARKINGS.
- ALL VEHICLE SIGNAL HEADS SHALL HAVE 12" SECTIONS.
- ALL UTILITIES SHALL BE LOCATED IN THE FIELD PRIOR TO ANY ATTEMPT TO CONSTRUCT ANY COMPONENT OF THE VARIOUS TRAFFIC SIGNAL INSTALLATIONS. THE CONTRACTOR IS RESPONSIBLE FOR UNCOVERING OR HAND DIGGING AROUND UTILITIES AS NECESSARY. CONTRACTOR TO VERIFY APPROPRIATE CLEARANCE OF ALL OVERHEAD UTILITIES.
- A 1/4" DIAMETER CONTINUOUS RODENT RESISTANT NYLON ROPE SHALL BE FURNISHED AND LEFT IN PLACE IN ALL CONDUITS BETWEEN HANDHOLES AND FOUNDATIONS OR CONTROLLER. A RODENT SCREEN SHALL BE PLACED AT THE BOTTOM OF EACH SIGNAL POLE.
- THE CONTROLLER SHALL BE ORIENTED SUCH THAT INTERSECTION OPERATION AND CONTROLLER COMPONENTS CAN BE VIEWED SIMULTANEOUSLY.
- ALL TRAFFIC SIGNAL CABLE SHALL BE #14 AWG STRANDED COPPER, UNLESS OTHERWISE SPECIFIED.
- ALL AREAS DISTURBED BY THE CONTRACTOR SHALL BE RESTORED TO THEIR PRIOR CONDITION.
- ALL TRAFFIC SIGNAL WIRING SHALL EXTEND FROM CONTROLLER TO SIGNAL. SPLICES IN JUNCTION BOXES WILL NOT BE ALLOWED.
- ALL GROUNDING MATERIALS FOR TRAFFIC SIGNAL CONCRETE FOUNDATIONS SHALL REFER TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
- ALL SIGNAL HEADS SHALL BE MOUNTED SO THAT ALL "RED" INDICATIONS ARE LEVEL.
- ALL EXISTING GPS TRANSMITTER/RECEIVER DEVICES AND ALL COMPLIMENTARY COMPONENTS SHALL BE RELOCATED TO THE TOP OF A PROPOSED ORNAMENTAL LIGHTING UNIT IN ITS ORIGINAL INTERSECTION QUADRANT.
- WHEN TEMPORARY TRAFFIC SIGNALS ARE REQUIRED FOR STAGED CONSTRUCTION, SEE THE SPECIAL PROVISION FOR TEMPORARY TRAFFIC SIGNAL PAY ITEM FOR A DESCRIPTION OF THE REQUIREMENTS.

TRAFFIC SIGNAL PLAN LEGEND

		SIGNAL HEAD
		SIGNAL HEAD WITH BACKPLATE
		TEMPORARY SIGNAL HEAD
		PEDESTRIAN SIGNAL HEAD
		PEDESTRIAN PUSHBUTTON DETECTOR
		DETECTOR LOOP
		QUADRAPOLE DETECTOR LOOP
		SIGNAL POST
		ALUMINUM MAST ARM ASSEMBLY AND POLE
		STEEL MAST ARM ASSEMBLY AND POLE
		WOOD POLE
		SERVICE INSTALLATION
		CONTROLLER
		HANDHOLE
		HEAVY DUTY HANDHOLE
		DOUBLE HANDHOLE
		JUNCTION BOX
		GULFBOX JUNCTION
		CONDUIT SPLICE
		AERIAL CABLE
		SPAN WIRE / TETHER WIRE
		CONDUIT
		BATTERY BACKUP SYSTEM

TRAFFIC SIGNAL WIRING DIAGRAM LEGEND

EXISTING	PROPOSED	DESCRIPTION
		ELECTRIC CABLE DENOTING NUMBER OF CONDUCTORS
		9" PEDESTRIAN SIGNAL FACE
		12" PEDESTRIAN SIGNAL FACE
		SIGNAL FACE WITH BACKPLATE
		SIGNAL FACE
		PEDESTRIAN PUSHBUTTON DETECTOR
		DIRECTIONAL SIGNAL SECTION
		12" SIGNAL SECTION
		ELECTRIC CABLE IDENTIFIER TAPE CODES (R=RED W=WHITE Y=YELLOW G=GREEN B=BLUE O=ORANGE)
		ELECTRIC CABLE TO BE REMOVED
		PROGRAMMED SIGNAL SECTION
		SIGNAL SECTION WITH LOUVRE
		DUAL-INDICATION SIGNAL SECTION

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SIGNAL LEGEND

FAU RTE 7982 CAPITOL AVE
SEC NO. 09-00447-03-PV
SANGAMON COUNTY, ILLINOIS

SCALE: VERT. HORIZ.
DATE 10/9/09

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 PLOT SCALE: 1:2000
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