

	ITEM	UNIT	TOTAL
			QUANTITIES
80309100	LOCATING UNDERGROUND CABLE	FOOT	4.5
88600600	DETECTOR LOOP REPLACEMENT	FOOT	166

STANDARDS
886001-01
886006-01

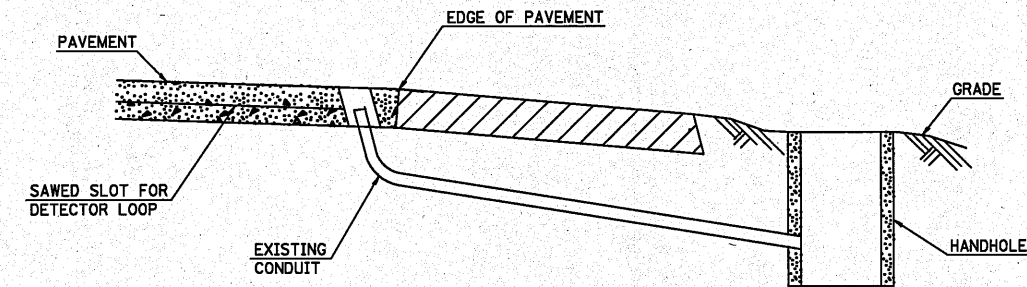
TRAFFIC SIGNALS LEGEND

EVPS	EMERGENCY VEHICLE PRIORITY SYSTEM
GSC	GALVANIZED STEEL CONDUIT
PVCC	POLYVINYL CHLORIDE CONDUIT
UD	UNIT-DUCT
	EXISTING SIGNAL POST
	EXISTING SIGNAL POST WITH BACKPLATE
	EXISTING TRAFFIC SIGNAL MAST ARM
	EXISTING HANDHOLE
	EXISTING DOUBLE HANDHOLE
	EXISTING HEAVY DUTY HANDHOLE
	EXISTING DETECTOR LOOP
	EXISTING CONTROLLER
	EXISTING STREET NAME SIGN/TRAFFIC SIGN
	EXISTING ILLUMINATED SIGN
	EXISTING SERVICE INSTALLATION
	EXISTING EMERGENCY VEHICLE SYSTEM DETECTOR (E.V.P.S.)
	EXISTING (E.V.P.S.) CONFIRMATION BEACON
	EXISTING SIGNAL HEAD, PEDESTRIAN
	EXISTING PEDESTRIAN PUSHBUTTON DETECTOR
	EXISTING GALVANIZED STEEL CONDUIT
	PROPOSED SIGNAL HEAD WITH BACKPLATE, MAST ARM MOUNTED
	PROPOSED EMERGENCY VEHICLE SYSTEM DETECTOR (E.V.P.S.)
	PROPOSED (E.V.P.S.) CONFIRMATION BEACON
	PROPOSED HANDHOLE
	PROPOSED DOUBLE HANDHOLE
	PROPOSED HEAVY DUTY HANDHOLE
	PROPOSED DETECTOR LOOP
	PROPOSED CONTROLLER
	PROPOSED PEDESTRIAN PUSHBUTTON DETECTOR
	PROPOSED SIGNAL HEAD, PEDESTRIAN
	PROPOSED CONDUIT: "T" TRENCH, "P" PUSH, SIZE SPECIFIED
	PROPOSED STREET NAME SIGN/TRAFFIC SIGN
	PROPOSED ILLUMINATED SIGN
	PROPOSED SERVICE INSTALLATION
	PROPOSED SIGNAL POST
	PROPOSED SIGNAL POST WITH BACKPLATE

NOTES:

SEE TABLE "DETECTOR LOOP REQUIREMENTS AND CALCULATIONS" FOR LOOP SIZE AND CALCULATED NUMBER OF TURNS.

SEE "ELECTRICAL DETAIL" FOR INSTALLING DETECTOR LOOP WIRES IN EXISTING CONDUITS.



ELECTRICAL DETAIL
(NO SCALE)

RE-USE EXISTING DETECTOR LOOP LEAD-IN CONDUIT

- 1 DRILL OUT PAVEMENT SEALANT AND CLEAN EXISTING CONDUIT.
- 2 REMOVE EXISTING CABLE TO HANDHOLE.
- 3 INSTALL LOOP LEAD-IN CONDUCTORS IN CONDUIT.
- 4 SPLICE NEW DETECTOR LOOP LEAD-IN CONDUCTORS TO EXISTING LEAD-IN CABLE IN HANDHOLE.
- 5 FILL HOLE WITH APPROVED SEALER. PREVENT SEALER FROM ENTERING INTO CONDUIT.

NOT A PAY ITEM. THE COST OF THIS WORK SHALL BE INCLUDED IN THE PAY ITEM "DETECTOR LOOP REPLACEMENT"

FILE NAME =	USER NAME = #USER#	DESIGNED - KC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ELECTRICAL PLAN SHEET	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN - KC	REVISED -			103	29-1-1	ST. CLAIR	8	7
PLOT SCALE = #SCALE#		CHECKED -	REVISED -			CONTRACT NO. 76E63			ILLINOIS FED. AID PROJECT	
PLOT DATE = #DATE#		DATE -	REVISED -			SCALE: 50'	SHEET NO. 1 OF 2 SHEETS	STA. 132+83.92 TO STA. 138+37.77		