

	ITEM	UNIT	TOTAL
			QUANTITIES
80300100	LOCATING UNDERGROUND CABLE	FOOT	4.5
88600600	DETECTOR LOOP REPLACEMENT	FOOT	166

STANDARDS

886001-01
886006-01

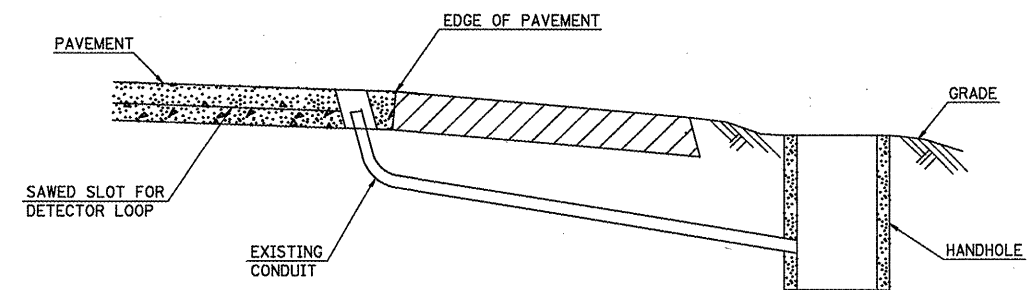
TRAFFIC SIGNALS LEGEND

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-I	ST. CLAIR	8	7			
PLOT SCALE = #SCALE#		CHECKED -	REVISED -		SCALE: 50'			SHEET NO. 1 OF 2 SHEETS STA. 132+83.92 TO STA. 138+37.77			CONTRACT NO. 76E63	
PLOT DATE = #DATE#		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							