

	ITEM	UNIT	TOTAL QUANTITIES	IL 13	IL 161
80300100	LOCATING UNDERGROUND CABLE	FOOT	75	50	25
88600600	DETECTOR LOOP REPLACEMENT	FOOT	440	224	216

NOTES:

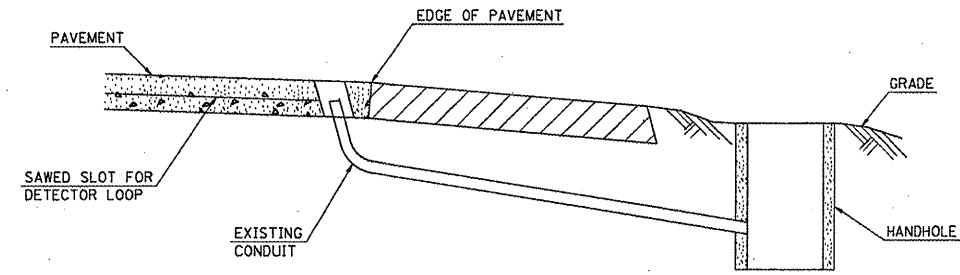
SEE TABLE "DETECTOR LOOP REQUIREMENTS AND CALCULATIONS" FOR LOOP SIZE AND CALCULATED NUMBER OF TURNS.

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

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



**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, TYPE 1"

FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -
#FILE#		DRAWN -	REVISED -
	PLOT SCALE = #SCALE#	CHECKED -	REVISED -
	PLOT DATE = #DATE#	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ELECTRICAL LEGNEDS, NOTES AND DETAILS**

SHEET NO. \_\_\_ OF \_\_\_ SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9257	128:1..122:1BS=1	SI..CLAIR	43	42
FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT			CONTRACT NO. 76D58	