

ITEM	UNIT	TOTAL	HAWTHORNE
		QUANTITIES	
<del>80596100</del> LOCATING UNDERGROUND CABLE	FOOT	30	30
<del>88699600</del> DETECTOR LOOP REPLACEMENT	FOOT	1667	1667

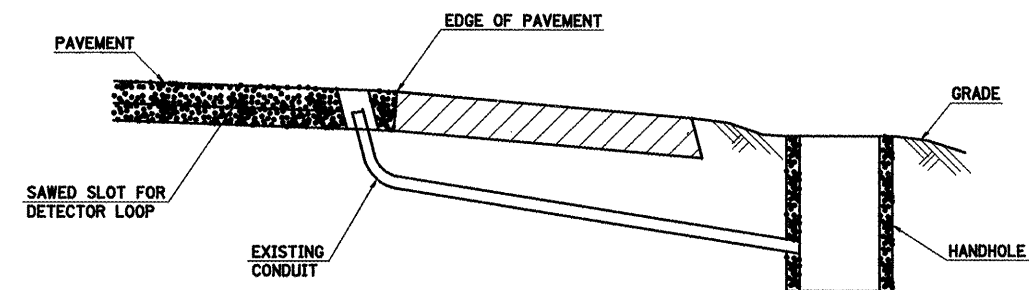
NOTES:

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.

**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 =  
c:\pwwork\pwwork\WATERSLE\d8175033\d8

USER NAME = weterale  
8d83-ght-plan.dgn  
PLOT SCALE = 1/8" = 1' IN.  
PLOT DATE = 3/12/2010

DESIGNED -  
DRAWN -  
CHECKED -  
DATE -

REVISED -  
REVISED -  
REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ELECTRICAL LEGNEDS, NOTES AND DETAILS

SCALE: 1"=20' SHEET NO. 1 OF 2 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
V&B	DIST. 8 RESUR. 2010-5	MADISON	57	54
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 16083	