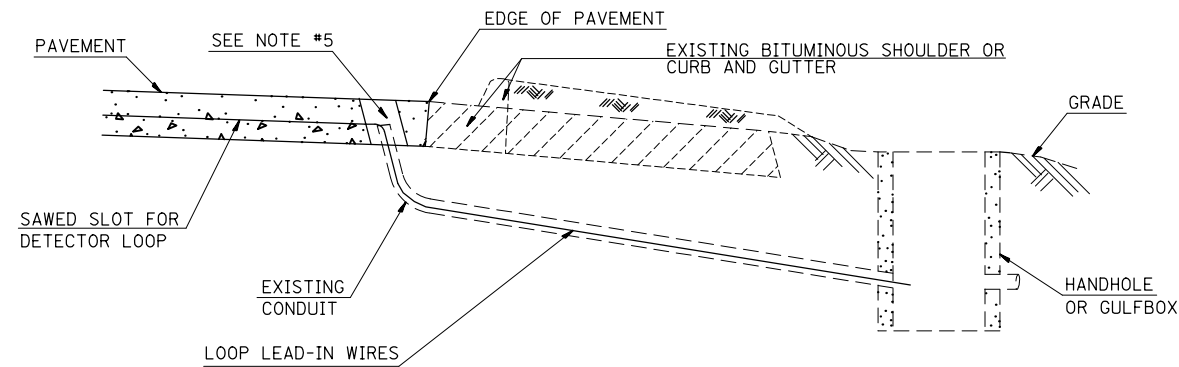


**NOTES:**

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

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

| SCHEDULE OF QUANTITIES |                            |      | TOTAL QUANTITIES | IL 015 & IL 127 |
|------------------------|----------------------------|------|------------------|-----------------|
| CODE NO                | ITEM                       | UNIT |                  |                 |
| <del>80300100</del>    | LOCATING UNDERGROUND CABLE | FOOT | 20               | 20              |
| <del>88600600</del>    | DETECTOR LOOP REPLACEMENT  | FOOT | 745              | 745             |



**DETAIL A**  
(NO SCALE)

**INSTALLING DETECTOR LOOP WIRES IN EXISTING CONDUIT**

1. DRILL OUT PAVEMENT SEALANT AND CLEAN EXISTING CONDUIT.
2. REMOVE EXISTING DETECTOR LOOP WIRES TO HANDHOLE OR GULFBOX.
3. INSTALL NEW LOOP LEAD-IN WIRES IN EXISTING CONDUIT.
4. SPLICE NEW DETECTOR LOOP WIRES TO EXISTING LOOP LEAD-IN CABLE IN HANDHOLE OR GULFBOX.
5. FILL HOLE WITH APPROVED SEALER. PREVENT SEALER FROM ENTERING INTO CONDUIT.
6. LOCATING UNDERGROUND CABLE WILL BE PAID FOR SEPARATELY.

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

**DETECTOR LOOP REPLACEMENT LEGEND**

- EX. HANDHOLE
- EX. DETECTOR LOOP
- EX. TRAFFIC SIGNAL CONTROLLER
- EXISTING CONDUIT
- PROPOSED DETECTOR LOOP

|  |                             |            |           |
|--|-----------------------------|------------|-----------|
| FILE NAME =  | USER NAME = prestonme       | DESIGNED - | REVISED - |
| et:\pw\work\p\dot\prestonme\d0287304\d076F47-sh-t-TS.dgn |                             | DRAWN -    | REVISED - |
|  | PLOT SCALE = 50.0000' / in. | CHECKED -  | REVISED - |
|  | PLOT DATE = 10/8/2013       | DATE -     | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL 015 DETECTOR LOOP REPLACEMENT PLAN  
GENERAL NOTES, SCHEDULE OF QUANTITIES,  
DETAIL AND LEGEND**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

| F.A.P. RTE.                                   | SECTION           | COUNTY     | TOTAL SHEETS       | SHEET NO. |
|---|-------------------|------------|--------------------|-----------|
| 42  | 102-1RS-3, 102-TS | WASHINGTON | 46                 | 40        |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT |                   |            | CONTRACT NO. 76F47 |           |