

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
789	IRS-1	MADISON	26	24
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT		

DETECTOR LOOP REQUIREMENTS AND CALCULATIONS FOR IL 3 AND PIERCE LN / FRONTENAC DR

LOOP	PHASE (Ø)	LOOP SIZE(FT)	REQUIRED # OF TURNS
EB_LI_LN	=	6' X 50'	3-6-3
EB_THRU_LN	=	6' X 50'	3-6-3
WB_LI_LN	=	6' X 50'	3-6-3
WB_THRU_LN	=	6' X 50'	3-6-3
WB_CCO	=	6' X 6'	6
WB_CCO	=	6' X 6'	6
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DETECTOR LOOP REQUIREMENTS AND CALCULATIONS FOR IL 3 AND W. HOMER M ADAMS PKY

LOOP	PHASE (Ø)	LOOP SIZE(FT)	REQUIRED # OF TURNS
EB_CCO	=	6' X 6'	6
EB_LI_LN	=	6' X 50'	3-6-3
EB_THRU_LN	=	6' X 50'	3-6-3
WB_THRU_LN	=	6' X 50'	3-6-3
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DETECTOR LOOP REQUIREMENTS AND CALCULATIONS FOR IL 3 / IL 111 AND ALBY ST

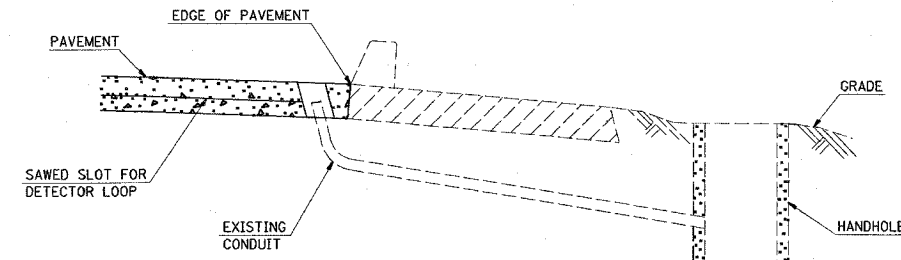
LOOP	PHASE (Ø)	LOOP SIZE(FT)	REQUIRED # OF TURNS
EB_LI_LN	=	6' X 50'	3-6-3
EB_LI_LN	=	6' X 50'	3-6-3
EB_THRU_LN	=	6' X 50'	3-6-3
EB_THRU_LN	=	6' X 50'	3-6-3
EB_THRU_LN	=	6' X 50'	3-6-3
EB_THRU_LN	=	6' X 50'	3-6-3
EB_THRU_LN	=	6' X 50'	3-6-3
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DETECTOR LOOP REQUIREMENTS AND CALCULATIONS FOR IL 3 / IL 111 AND BLOOMER DR

LOOP	PHASE (Ø)	LOOP SIZE(FT)	REQUIRED # OF TURNS
WB_CCO	=	6' X 6'	6
WB_CCO	=	6' X 6'	6
WB_LI_LN	=	6' X 50'	3-6-3
WB_THRU_LN	=	6' X 50'	3-6-3
WB_THRU_LN	=	6' X 50'	3-6-3
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DETECTOR LOOP REQUIREMENTS AND CALCULATIONS FOR IL 3 / IL 111 AND GERSON AVE.

LOOP	PHASE (Ø)	LOOP SIZE(FT)	REQUIRED # OF TURNS
EB_CCO	=	6' X 6'	7
EB_CCO	=	6' X 6'	7
EB_LI_LN	=	6' X 50'	3-6-3
EB_THRU_LN	=	6' X 50'	3-6-3
EB_THRU_LN	=	6' X 50'	3-6-3
WB_LI_LN	=	6' X 50'	3-6-3
WB_THRU_LN	=	6' X 50'	3-6-3
WB_THRU_LN	=	6' X 50'	3-6-3
WB_CCO	=	6' X 6'	6
WB_CCO	=	6' X 6'	6



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.
- 6 LOCATING UNDERGROUND CABLE WILL BE PAID FOR SEPERATELY.

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

PLOT DATE = 4/25/2007  
FILE NAME = c:\projects\view\es0807\electrical\aspln080807.dgn  
PLOT SCALE = 50.0000 / IN.  
REFERENCE = REF#

REVISIONS		DATE
NAME		

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**DETECTOR LOOP TABLES AND DETAIL**  
FAP ROUTE 789  
SECTION: IRS-1  
MADISON COUNTY

SCALE: VERT. \_\_\_\_\_  
HORIZ. \_\_\_\_\_  
DATE \_\_\_\_\_

DRAWN BY \_\_\_\_\_  
CHECKED BY \_\_\_\_\_