

NO SCALE
DETECTOR LOOP LEAD-IN
 (REUSE EXISTING CONDUIT)

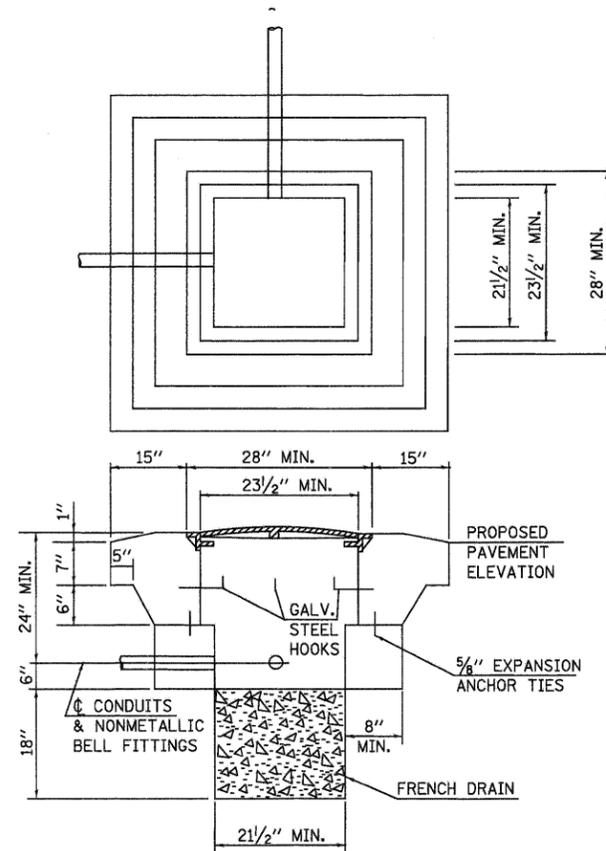
1. DRILL OUT PAVEMENT SEALANT AND CLEAN EXISTING CONDUIT.
2. REMOVE EXISTING DETECTOR LOOP WIRES TO HANDHOLE OR GULFBX.
3. INSTALL NEW LOOP LEAD-IN WIRES IN EXISTING CONDUIT.
4. SPLICE NEW DETECTOR LOOP WIRES TO EXISTING LOOP LEAD-IN CABLE IN HANDHOLE OR GULFBX.
5. FILL HOLE WITH APPROVED SEALER. PREVENT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

THE COST OF THIS WORK SHALL BE INCLUDED IN THE PAY ITEM "DETECTOR LOOP REPLACEMENT."

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

ELECTRICAL GENERAL NOTES

1. DETECTOR LOOPS SHALL BE PLACED IN THE PAVEMENT AFTER MILLING AND PRIOR TO RESURFACING.
2. THE LOCATION OF ALL DETECTOR LOOPS SHALL BE APPROVED BY THE ENGINEER BEFORE ANY SLOTS ARE SAWS IN THE PAVEMENT.
3. DETECTOR LOOP LEAD-IN SPLICES SHALL BE MADE ACCORDING TO HIGHWAY STANDARD 886001. CONDUCTORS SHALL BE SPLICED IN A RIGID MOLD. ROSIN-CORE SOLDER SHALL BE USED. THE COST OF LABOR AND MATERIAL FOR REMOVING EXISTING DETECTOR LOOP CABLES FROM THE CONDUIT AND SPLICING INTO THE EXISTING LEAD-IN CABLES SHALL BE INCLUDED IN THE PAY ITEM "DETECTOR LOOP REPLACEMENT."



REBUILD EXISTING HANDHOLE TO HEAVY DUTY-HANDHOLE DETAIL

1. USE 5/8" Ø EXPANSION ANCHOR TIES AT 6" CENTERS, 20 TOTAL. COST OF MATERIAL AND LABOR SHALL BE INCLUDED WITH "REBUILD EXISTING HANDHOLE TO HEAVY-DUTY HANDHOLE."
2. CANNOT EXCAVATE BELOW TOP OF EXISTING CONDUIT UNLESS OTHERWISE SPECIFIED TO BE REMOVED.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE THAT MAY OCCUR TO EXISTING CABLES.
4. THE MINIMUM WEIGHT OF THE FRAME AND COVER SHALL BE 260 LBS.
5. THIS DETAIL IS TO BE USED IN CONJUNCTION WITH STANDARD 814001, GENERAL NOTES AND THE SPECIAL PROVISION REBUILD EXISTING HANDHOLE TO HEAVY DUTY HANDHOLE.

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	PLOT SCALE = 50.0000' / IN.	DRAWN - SJS	REVISED -					9166	34-IRS-3	ST. CLAIR	87	84
PLOT DATE = 12/15/2010 09:40:57	CHECKED - CMV	REVISED -	DATE - 10/21/2010	REVISED -	SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT CONTRACT NO. 76D96	