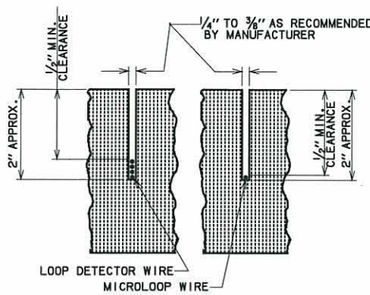
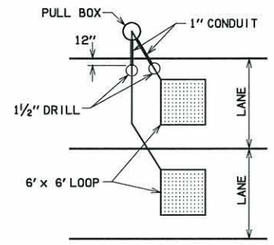
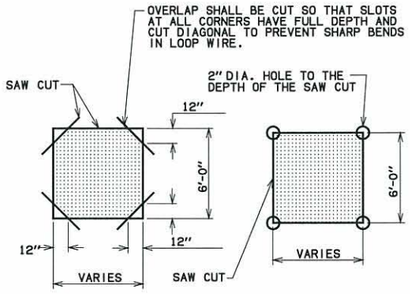


LOOP WIRE IN SAW CUT

TABLE "A"	
DESIGN SPEED mph	DISTANCE "C" ft.
30 TO 35	180
40 TO 45	273
50 TO 55	386

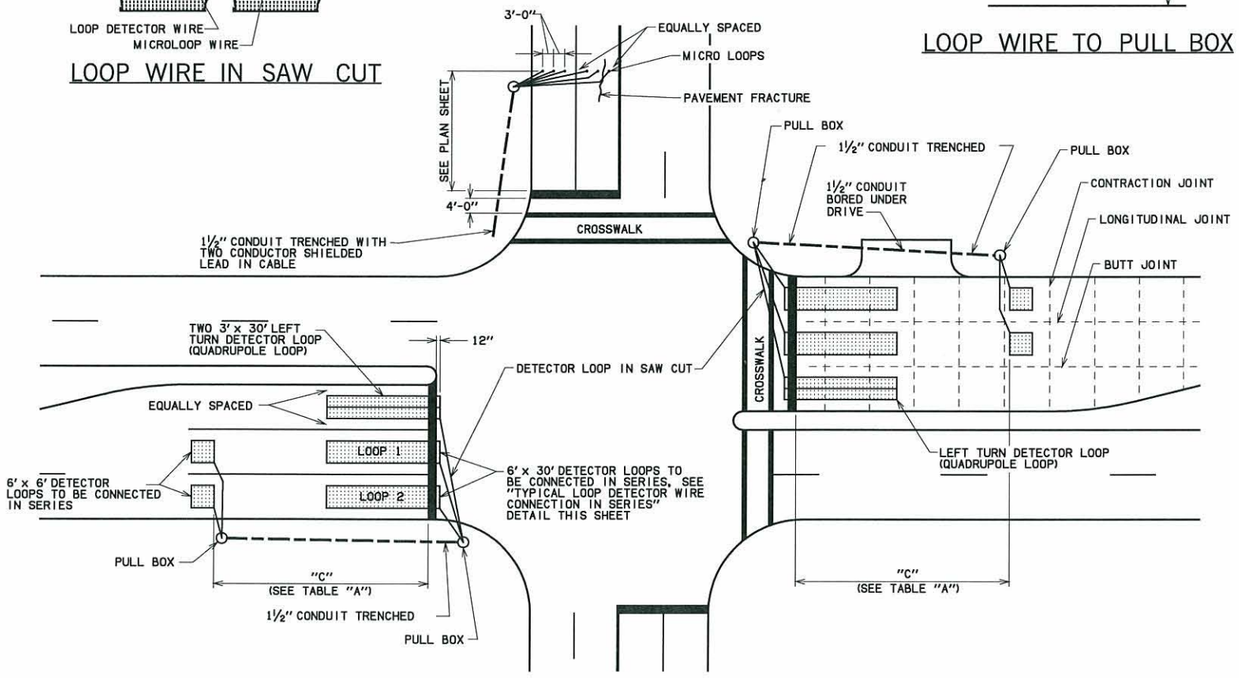


LOOP WIRE TO PULL BOX

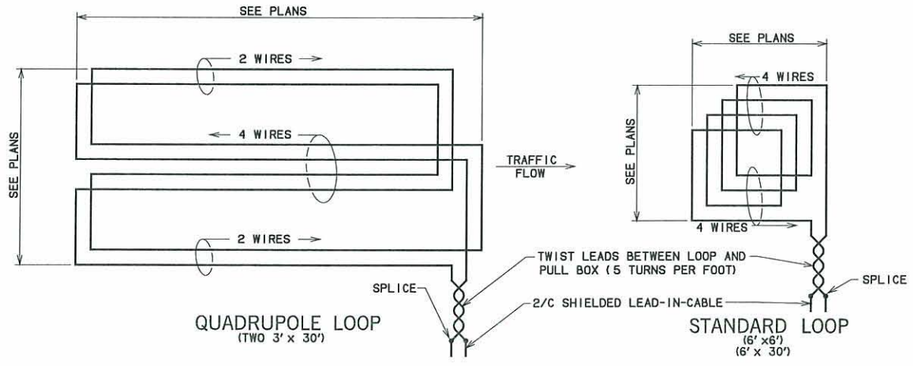


ALT.1 ALT.2

TYPICAL LOOP SAW CUT

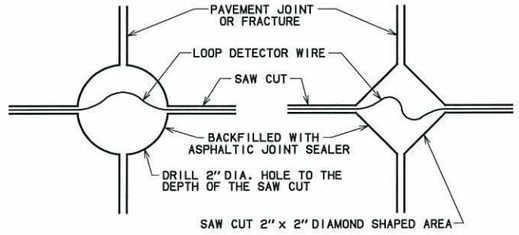


TYPICAL DETECTOR WIRE AND LOOP PLACEMENT

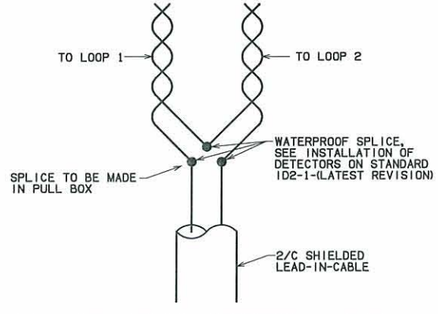


DETECTOR LOOP WIRE CONFIGURATION

NOTE: NON-QUADRUPOLE LOOPS SHALL REQUIRE FOUR TURNS OF SINGLE CONDUCTOR LOOP WIRE.



LOOP WIRE CROSSING AT EXPANSION JOINT OR FRACTURE



TYPICAL LOOP DETECTOR WIRE CONNECTION IN SERIES

REVISIONS		
DESCRIPTION		DATE

GENERAL NOTES

1. ALL SAW CUTS AND HOLES ON DETECTOR SYSTEMS SHALL BE SEALED WITH ONE OF THE FOLLOWING: BONDO P-606, PRECO GOLD LABEL FLEX 12 FLEXIBLE EMBEDDING SEALER, 3M DETECTOR LOOP SEALANT, OR AN APPROVED EQUAL.
2. IMSA NO. 51-5 LOOP DETECTOR WIRE SHALL BE USED UNLESS OTHERWISE SPECIFIED IN THE PLANS.
3. ALL DETECTORS SHALL BE FURNISHED WITH DELAY OUTPUTS AND EXTEND OUTPUTS ACCORDING TO SECTION 828 OF THE 2009 STANDARD SPECIFICATIONS.
4. CARD RACK DETECTORS MAY BE FURNISHED AS AN ALTERNATE ON THIS PROJECT, IF SPECIFIED ON THE PLANS.
5. PREFORMED LOOPS SHALL BE PAID FOR BACK TO THE PULL BOX.

BASIS OF PAYMENT		
ITEM NO.	ITEM	UNIT
828(A)	VEHICLE LOOP DETECTOR	EA
828(B)	LOOP DETECTOR WIRE	LF

APPROVED BY TRAFFIC ENGINEER: David Smith DATE: 8/5/10

TRAFFIC STANDARD

INSTALLATION OF DETECTORS

2009 SPECIFICATIONS

ID1-1	00

T-202