

PROJECT NOTES (THIS SHEET ONLY):

- 1 [AB] EXISTING LOOP CONDUCTORS. [RC] [dh]. INSTALL [DH] AND CONDUIT TO pb.
- 2 INSTALL TEMPORARY POLE MOUNTED MVDS AS DIRECTED BY THE ENGINEER. USE WIRELESS COMMUNICATION BACK TO SIGNAL CONTROLLER CABINET AND COORDINATE WITH THE ENGINEER. MVDS UNIT SHALL BE COMPATIBLE WITH THE CONTROLLER CABINET AND SHALL SIMULATE THE ACTION OF EXISTING DETECTOR LOOPS. [RC] POLE AND MVDS AFTER COMPLETION OF WORK.
- 3 EXISTING 1 1/2" C AND 1 d/c PER LOOP TO CONTROLLER CABINET (SEE TABLE).

GENERAL NOTES:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORDS AT DISTRICT OFFICE.
2. EXACT LOCATION AND ORIENTATION OF ELECTRICAL EQUIPMENT SHALL BE APPROVED BY THE ENGINEER IN THE FIELD.
3. CONTRACTOR SHALL FIELD VERIFY EXACT LOCATION AND PROTECT EXISTING UTILITIES DURING CONSTRUCTION.

LEGEND:

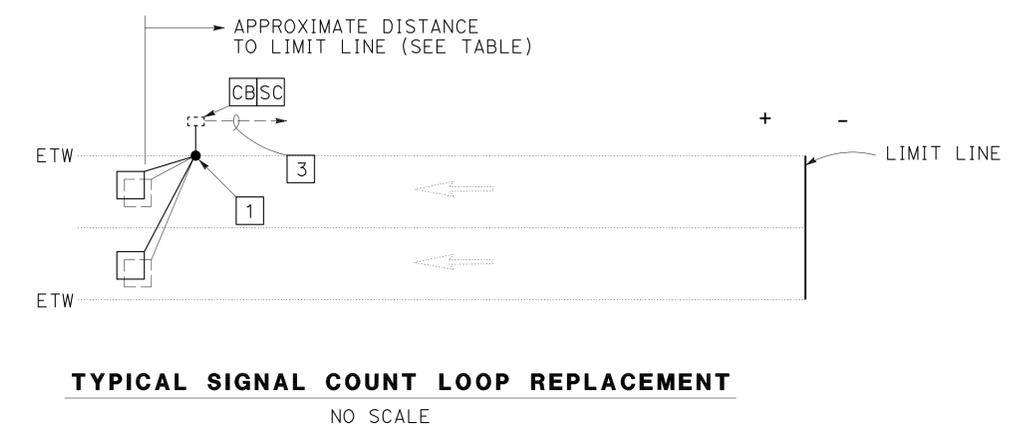
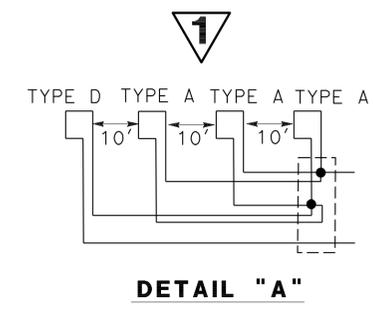
- [Symbol] SOLAR POWERED MVDS UNIT ON TEMPORARY WOOD POLE (UNIT TO BE MOUNTED AT 23'. POLE SHALL BE 30' FROM ETW OR SHIELDED.)

ABBREVIATION:

MVDS - MICROWAVE VEHICLE DETECTION SYSTEM

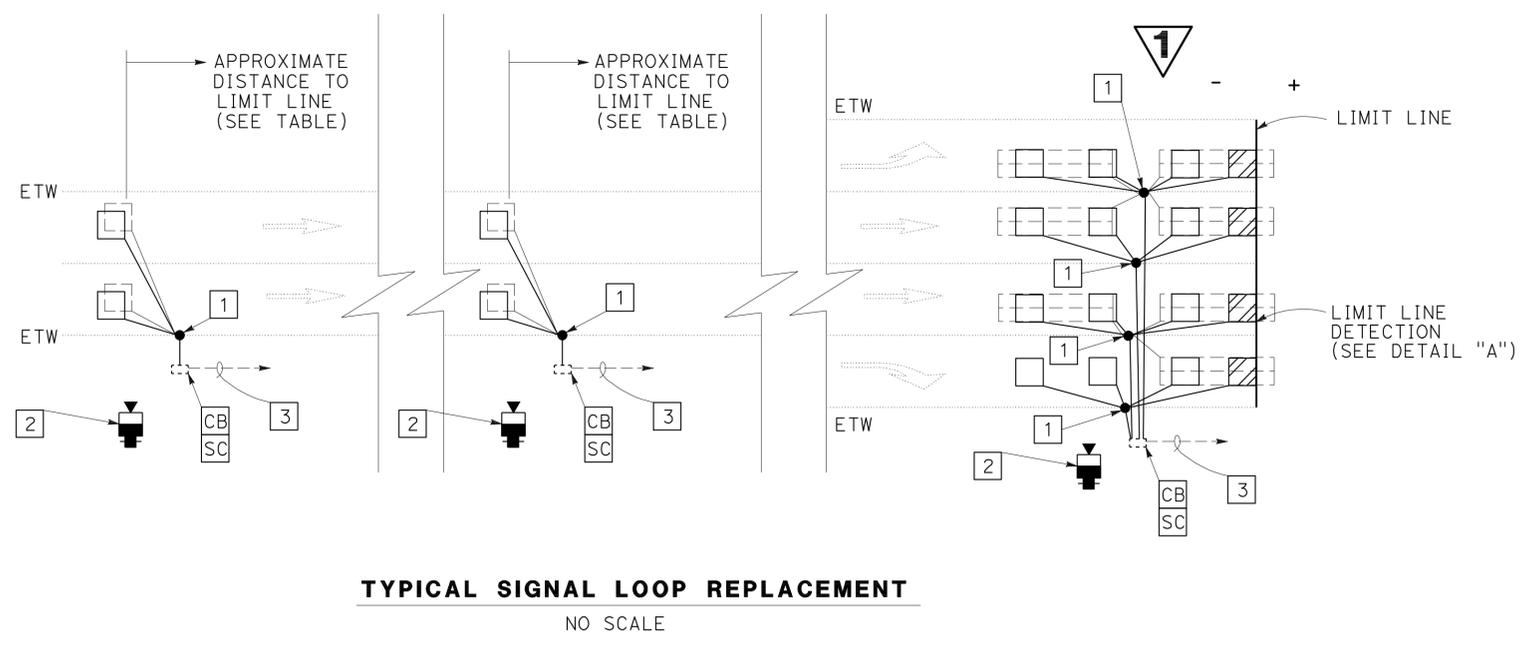
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TRAFFIC SIGNAL SYSTEM LOOP QUANTITY TABLE					
LOCATION	DESCRIPTION	APPROXIMATE POST MILE	No. OF LIMIT LINE DETECTION	No. OF ADVANCE AND MID LOOPS	No. OF COUNT LOOPS
1	N TOWNSHIP Rd	12.6	8	14	8
2	N GEORGE WASHINGTON Blvd	13.6	6	9	8
3	HARTER Rd	14.5	10	17	8
4	THARP Rd	14.8	8	8	NONE
5	N WALTON/STABLER Ln	15.1	9	10	NONE
6	CIVIC CENTER Blvd	15.3	7	8	8
7	ROCCA WAY	15.7	8	5	NONE
8	GRAY Ave	15.8	9	8	NONE
9	CLARK Ave	16.1	8	8	NONE
10	LIVE OAK Blvd	16.3	9	4	NONE
11	PLUMAS St	16.5	8	5	NONE
12	SHASTA St	16.6	7	10	NONE



APPROXIMATE DISTANCE OF LOOPS FROM LIMIT LINE

LOCATION	ADVANCE LOOPS	MID LOOPS	COUNT LOOPS
1 EB	-500'	-240' & -150'	-450' & +475'
1 WB	-425'	-260' & -150'	-475' & +450'
2 EB	-410'	-220'	+950'
2 WB	-410'	-220'	-950'
3 EB	-415'	-260' & -95'	+410'
3 WB	-410'	-257' & -97'	+415'
4 EB	-300'	-200'	-
4 WB	-300'	-200'	-
5 EB	-300'	-200'	-
5 WB	-320'	-180'	-
6 EB	-300'	-140'	+250'
6 WB	-250'	-140'	+300'
7 EB	-185'	-	-
7 WB	-185'	-	-
8 EB	-200'	-	-
8 WB	-200'	-	-
9 EB	-185'	-	-
9 WB	-185'	-	-
10 EB	-180'	-	-
10 WB	-180'	-	-
11 EB	-185'	-	-
11 WB	-185'	-	-
12 EB	-185'	-115'	-
12 WB	-250'	-150'	-



MODIFY SIGNAL MICROWAVE VEHICLE DETECTION SYSTEM

1 REVISED PER ADDENDUM No. 1 DATED OCTOBER 14, 2010

NO SCALE

E-1

THIS PLAN IS ACCURATE FOR ELECTRICAL WORK ONLY.

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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION - TRAFFIC ELECTRICAL DESIGN MARYSVILLE

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