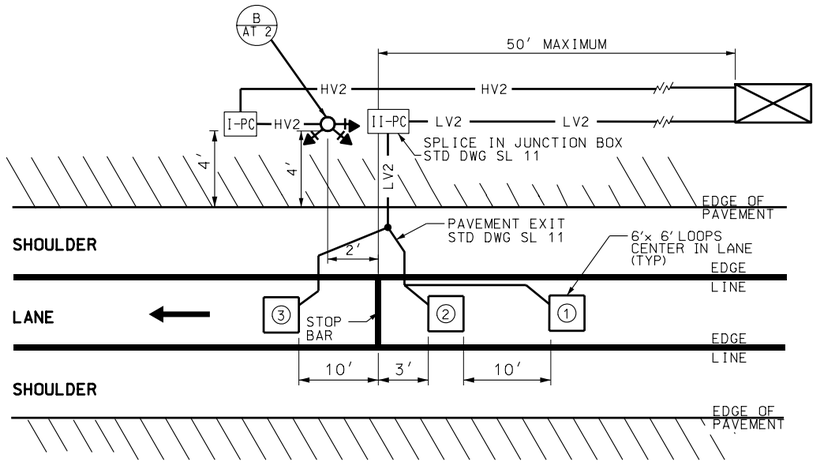
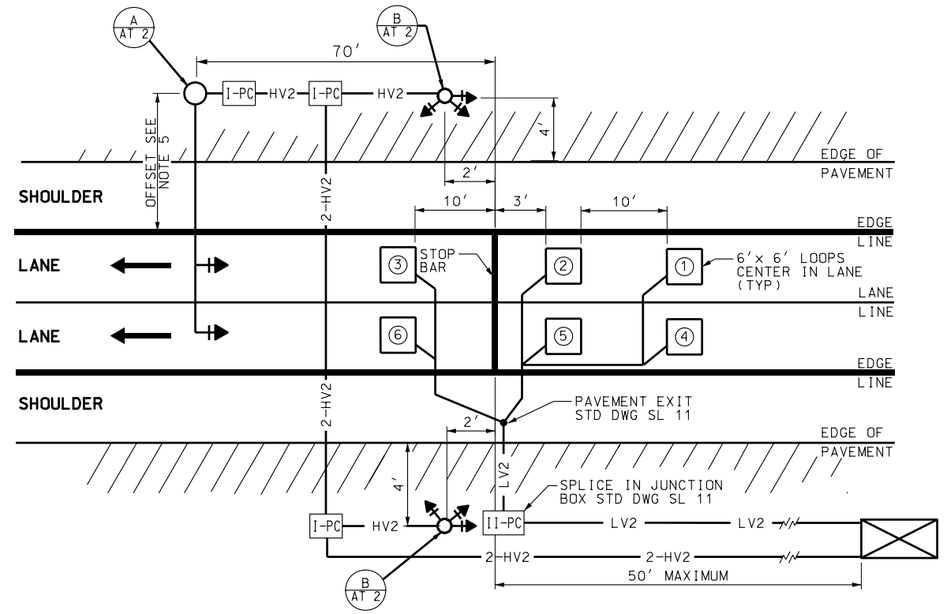
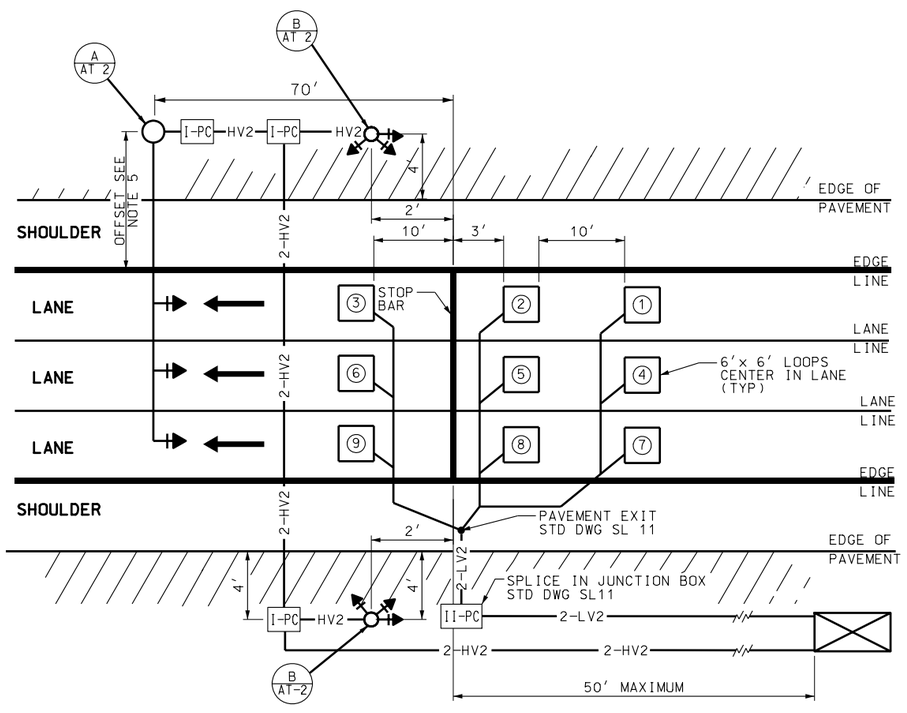


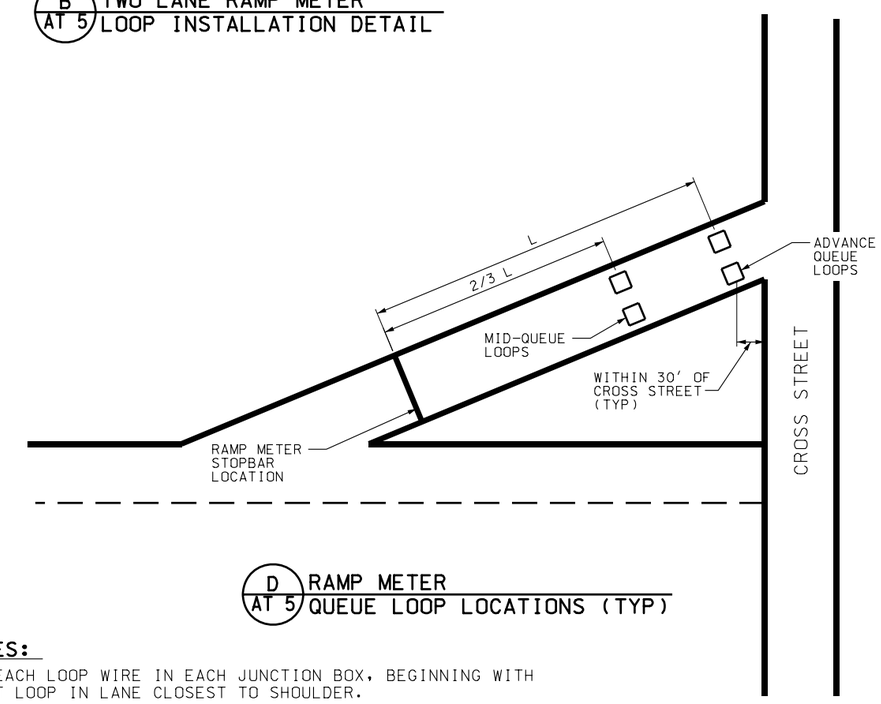
A AT 5 ONE LANE RAMP METER LOOP INSTALLATION DETAIL



B AT 5 TWO LANE RAMP METER LOOP INSTALLATION DETAIL



C AT 5 THREE LANE RAMP METER LOOP INSTALLATION DETAIL



D AT 5 RAMP METER QUEUE LOOP LOCATIONS (TYP)

NOTES:

1. TAG EACH LOOP WIRE IN EACH JUNCTION BOX, BEGINNING WITH FIRST LOOP IN LANE CLOSEST TO SHOULDER.
2. USE THE CURRENT EDITION OF AASHTO ROADSIDE DESIGN GUIDE FOR CLEAR ZONE REQUIREMENTS. CLEAR ZONE MAY EXTEND INTO CUT OR FILL SLOPES.
3. USE PREFORMED LOOPS IN NEW ASPHALT PAVEMENT.
4. USE SEPARATE CONDUCTOR HOME RUN TO CABINET FOR ALL LOOPS.
5. PLACE RAMP METER MAST ARM ASSEMBLY 1.2 TIMES THE AASHTO CLEAR ZONE DISTANCE AWAY FROM THE TRAVEL WAY, OR SHIELD AS PER THE CURRENT EDITION OF THE AASHTO ROADSIDE DESIGN GUIDE.

REVISIONS

NO.	DATE	APPR.	REMARKS
1	2/24/05	S.S.	ADDED QUEUE LOOP LOCATION DETAIL AND 3 LANE METER LOOP DETAIL. TITLE CHANGED.

UTAH DEPARTMENT OF TRANSPORTATION
STANDARD DRAWINGS FOR ROAD AND BRIDGE CONSTRUCTION
SALT LAKE CITY, UTAH

RECOMMENDED FOR APPROVAL FEB.24,2005 DATE
CHAIRMAN STANDARDS COMMITTEE
APPROVED FEB.24,2005 DATE
DEPUTY DIRECTOR

RAMP METER
LOOP INSTALLATION
STANDARD DRAWING TITLE

STD DWG
AT 5

DGN File: N:\Esa\Standard_Drawings\Imperial\2005Approved\Changes\Approved\sa05.dgn
14-MAR-2005