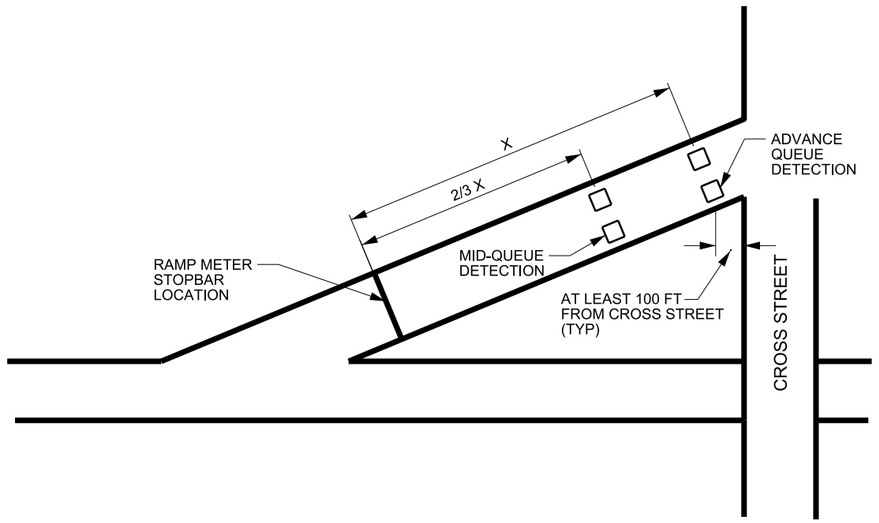
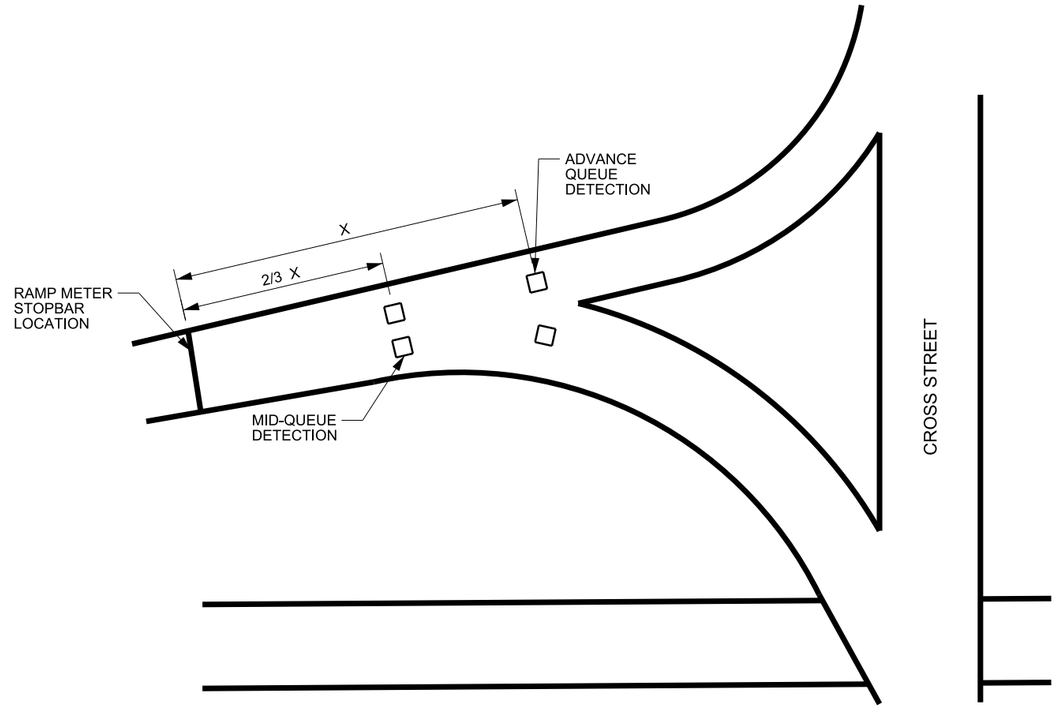


A RAMP METER
QUEUE DETECTION LOCATIONS DIAMOND INTERCHANGE (TYP)



B RAMP METER
QUEUE DETECTION LOCATIONS SPUI (TYP)

NOTES:

1. USE DETECTION TECHNOLOGY PER THE PLANS. ADJUST DETECTION ZONE PER THE MANUFACTURER'S RECOMMENDATIONS TO EMULATE 6 X 6 FT LOOPS IF USING RADAR OR MAGNETOMETERS.
2. PLACE JUNCTION BOXES PER STD DWG AT 7A. REFER TO STD DWG SL 10 FOR DETECTION.
3. USE PREFORMED LOOPS IN NEW PAVEMENT. SAW CUT LOOPS ARE NOT ALLOWED.
4. USE SEPARATE CONDUCTOR HOME RUN TO CABINET FOR EACH LOOP.
5. TAG EACH LOOP WIRE IN EACH JUNCTION BOX, BEGINNING WITH FIRST LOOP IN LANE CLOSEST TO SHOULDER.
6. SEE STD DWG AT 5C FOR DETECTOR NUMBERING SCHEME.
7. ONE LOOP PER LANE AT LOCATION OF MID-QUEUE DETECTION AND LOCATION OF ADVANCED QUEUE DETECTION.

SUPPLEMENTAL DRAWING

REVISIONS

NO.	DATE	APPR.	REMARKS
1	02/28/13	MAA	CHANGED NOTE 2 REFERENCE TO DWG SL 10.

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

RECOMMENDED FOR APPROVAL — FEB 28,2013 DATE

CHAIRMAN STANDARDS COMMITTEE APPROVED — FEB 28,2013 DATE

DEPUTY DIRECTOR

RAMP METER QUEUE DETECTION LAYOUT

STANDARD DRAWING TITLE

STD. DWG. NO.
AT 5B

DGN File:L:\Standard Drawings\Imperial\2012Approved_Supplemental_Issues\Supp3Approved\AT05B.dgn
07-MAR-2013