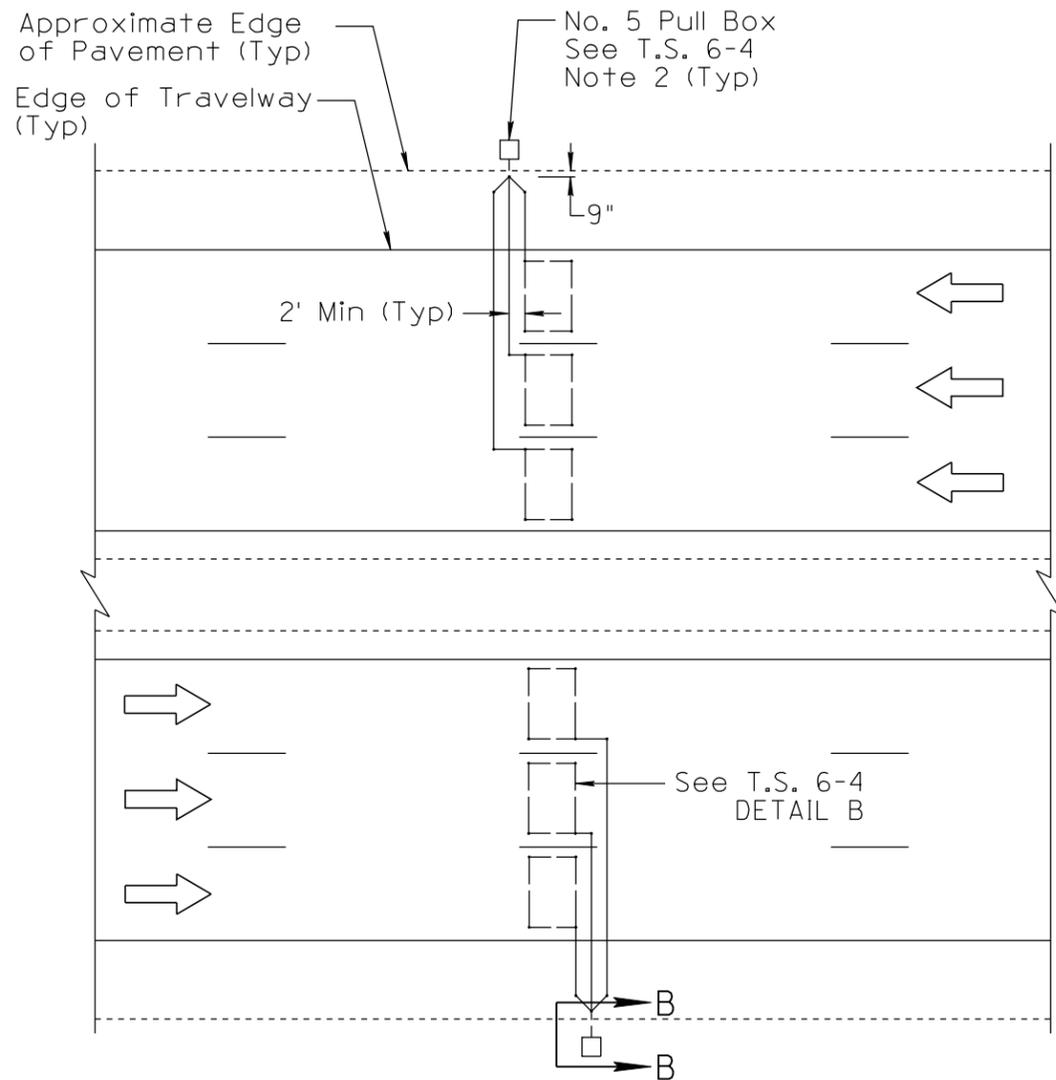
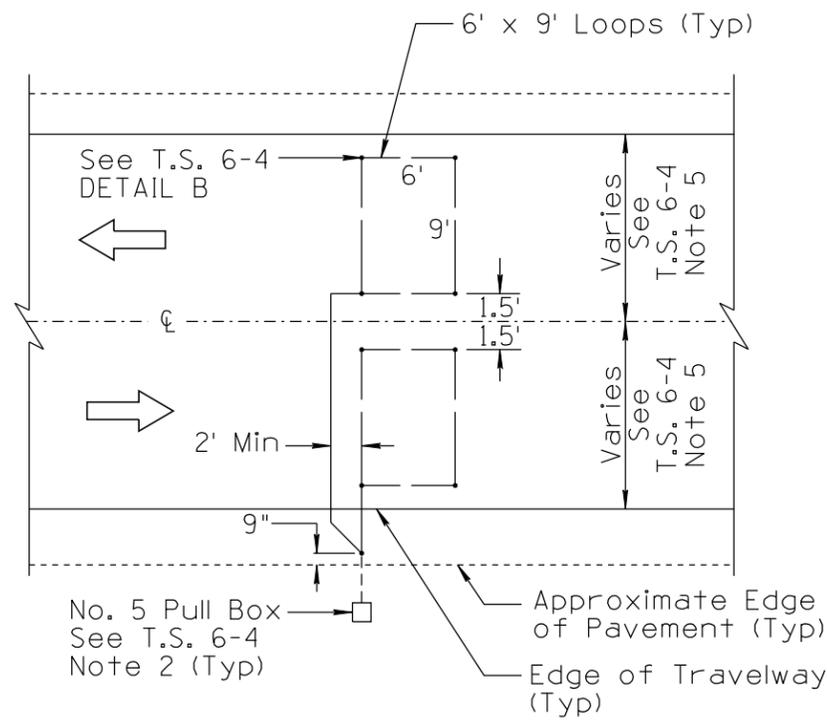


NO.	1	2010 EDITION
DESCRIPTION OF REVISIONS		
MADE BY	C. COLE	
DATE	03/10	
NO.	3	4
DESCRIPTION OF REVISIONS		
MADE BY		
DATE		



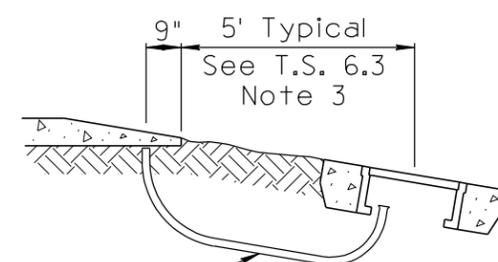
LOOP INSTALLATION IN MULTI-LANE DIVIDED HIGHWAY



LOOP INSTALLATION IN UNDIVIDED HIGHWAY

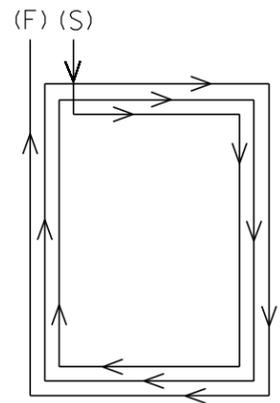
NOTES:

1. The contractor shall install one detector loop in each lane. The loop shall be aligned in the center of the lane and perpendicular to the roadway centerline. On all installations of Traffic Counters the contractor shall install the loops in the pavement, including all connections to the pull box(es). Each loop shall use stranded copper #14 AWG HDPE polyethylene insulated conductor conforming to IMSA 51-7, "Traffic Signal Cable". Each loop shall consist of 3 turns of wire and shall be a continuous run from the loop to the pull box.
2. If new pavement is being installed at the proposed location of detector loops the loops shall be installed under the non-structural riding course (ARAC-FC, Chip Seal, or Slurry Seal. The saw cut depths shall be adjusted according to assure a minimum of 1-1/2 inches of cover (pavement surface plus sealed saw cut). The maximum allowable cover shall not exceed 3 inches.



Install Conduit Entry against the Side of Pull Box to Allow Space for the Counter Device in the pull box

SECTION B-B



WINDING DIAGRAM  
(For 3 Turns Std)

NOT TO SCALE

DESIGN APPROVED	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION TRAFFIC SIGNALS AND LIGHTING STANDARD DRAWINGS	REVISION	03/10
<b>SIGNATURE</b>		DRAWING NO.	T.S. 6-1
APPROVED FOR DISTRIBUTION	TYPE C VEHICLE DETECTOR LOOPS FOR TRAFFIC COUNTERS	SHEET NO.	1 OF 1
<b>ON FILE</b>			