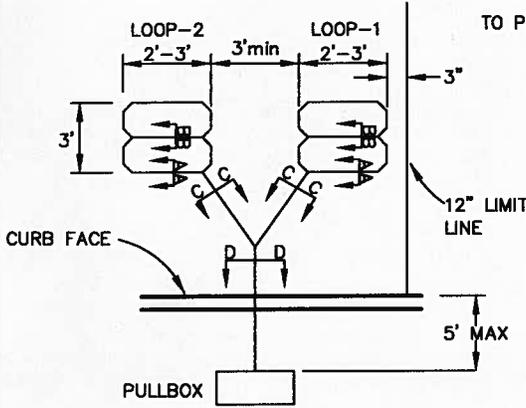


LOOP - 2

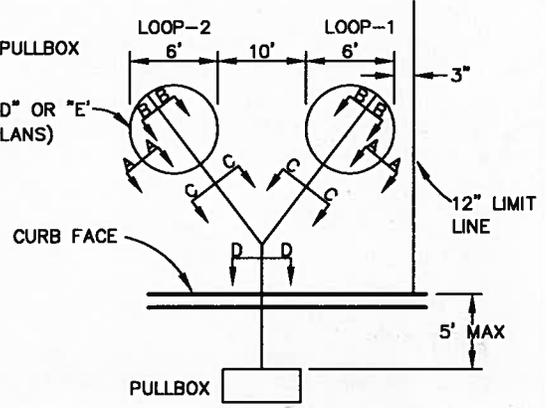
LOOP - 1

TWISTED CLOCKWISE  
(AT LEAST 2 TURN PER FT.)  
INTO A PAIR

TWISTED CLOCKWISE  
(AT LEAST 2 TURN PER FT.)  
INTO A PAIR

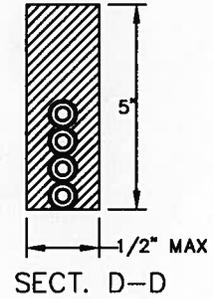
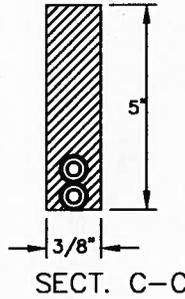
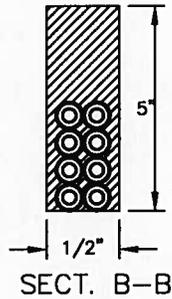
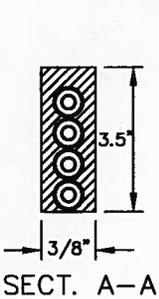


WINDING DETAIL  
NOT TO SCALE



**CASE I  
(BICYCLE ONLY)**

**CASE II  
(BICYCLE & VEHICLE)**



**\* DEPTH OF SLOT NOT TO EXCEED DEPTH OF PAVEMENT**

**Notes:**

1. INSTALL FOUR (4) COMPLETE ALTERNATING TURNS OF LOOP CONDUCTORS, UNLESS OTHERWISE SPECIFIED.

2. USE CASE I LOOPS FOR BIKE LANE INSTALLATIONS. USE CASE II LOOPS AT LIMIT LINES, EXCLUDING RIGHT-TURN LANES.

3. AN OCTAGONAL SHAPED LOOP OR OTHER NON-ROUND SHAPED LOOP MAY BE USED INSTEAD OF THE ROUND-LOOP WITH PRIOR ENGINEER'S APPROVAL

4. SAME WINDING PATTERN TO BE USED IN BOTH LOOPS WITH ONE (1) PAIR FROM EACH LOOP LEADING TO THE PULLBOX.

5. LOOPS INSTALLED IN BIKE LANES WITH PARKING SHALL BE PLACED WITH THE NEAR EDGE OF THE LOOP ONE (1) FOOT TO THE RIGHT OF THE BIKE LANE DELINEATION LINE UNLESS OTHERWISE NOTED

6. LOOPS INSTALLED IN BIKE LANES ADJACENT TO THE ROADSIDE WITHOUT PARKING SHALL BE CENTERED IN THE BIKE LANE, OR BETWEEN THE GUTTER AND THE BIKE LANE DELINEATION LINE, UNLESS OTHERWISE NOTED.

7. ANY APPROVED NON-ROUND SHAPED LOOPS SHALL CONFORM TO ALL OTHER SPECIFICATIONS SHOWN ON THIS STANDARD DRAWING

8. LOOP #2 MAY BE A TYPE "D" MODIFIED OR TYPE "E" LOOP DETECTOR. CONTRACTOR SHALL REFER TO PLAN OR COORDINATE WITH ENGINEER TO DETERMINE TYPE.

9. UNLESS SHOWN OTHERWISE, INDUCTIVE LOOPS SHALL BE TYPE "D" AND "E" WITH 10', 15', AND 30' SPACING IN THE DIRECTION OF TRAVEL. LOOPS SHALL BE SEALED WITH HOT MELT SEALANT.

APPROVED BY

*Ram*  
CITY ENGINEER

MAY 16, 2016  
DATE

CITY OF RIVERSIDE  
PUBLIC WORKS DEPARTMENT

TYPE "D" DETECTOR

STANDARD DRAWING NO.

670

Sheet 1 of 1

MARK REVISIONS APPR. DATE