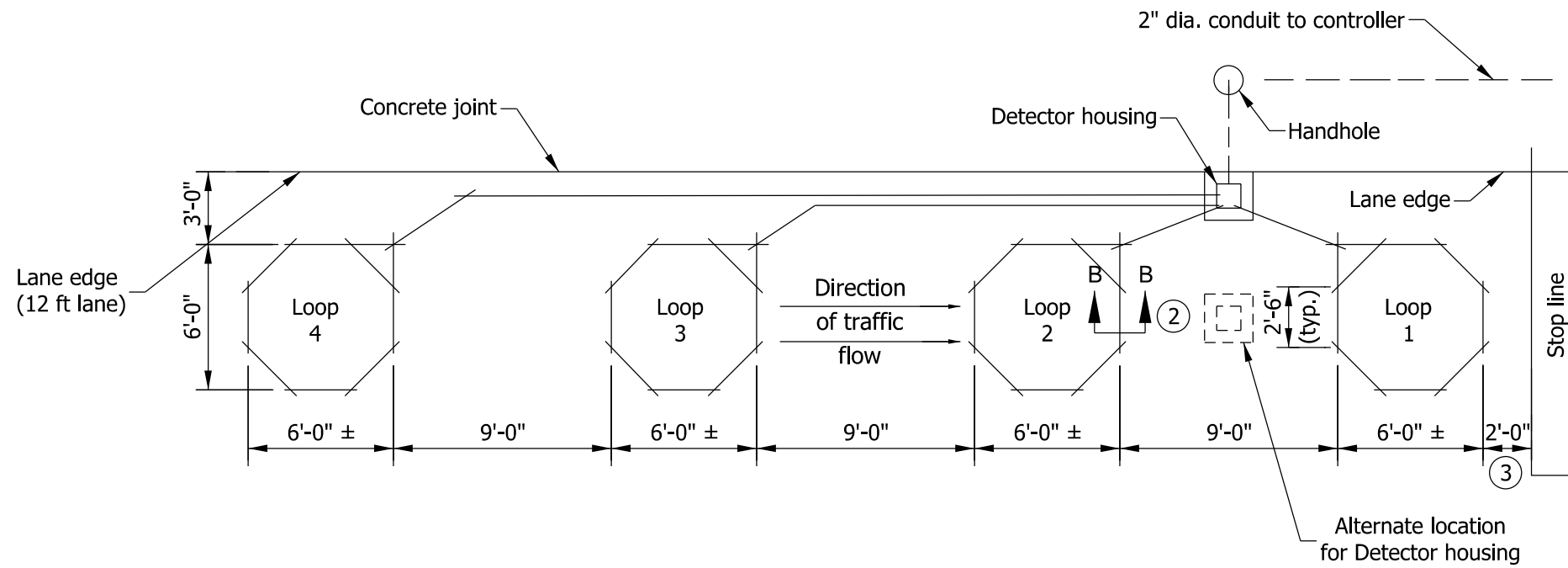
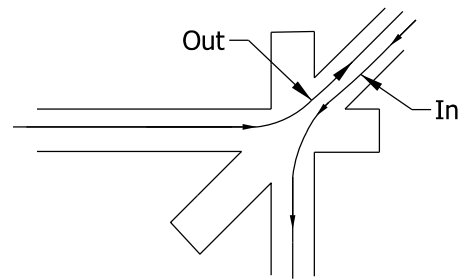


TYPICAL LOOP DETECTION SAW-CUT PLAN (ONE LANE)

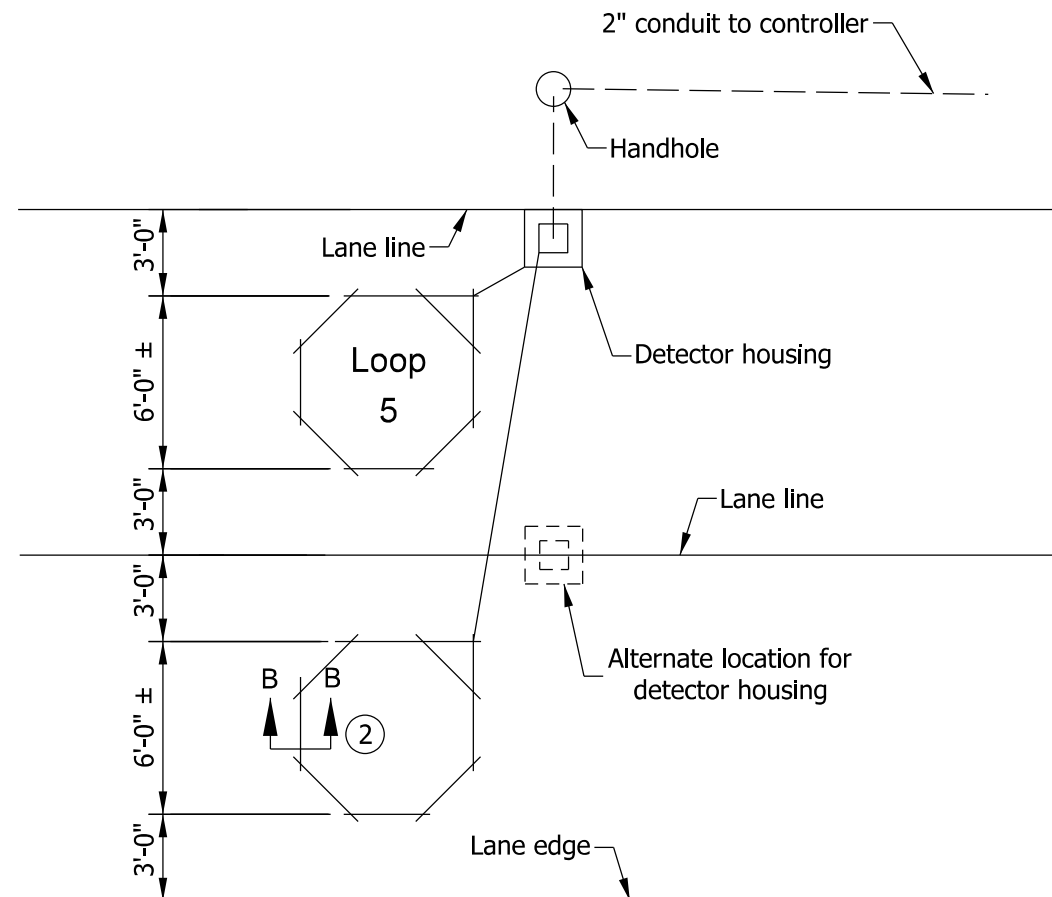


NOTES

1. Loop saw-cuts as shown on plan sheets are to be considered as schematic only. In the event of discrepancies, this detail shall govern.
- ② See Standard Drawing E 805-SGLI-02 for Section B-B.
- ③ This distance is typical depending on the intersection geometrics; a loop can be sawed in front of the stop line.



TYPICAL LOOP DETECTION (TWO LANES)

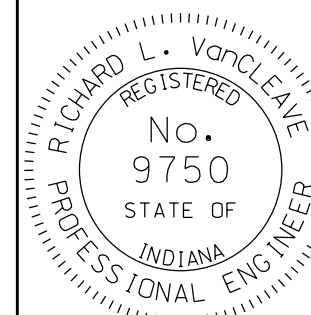


INDIANA DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL
LOOP INSTALLATION

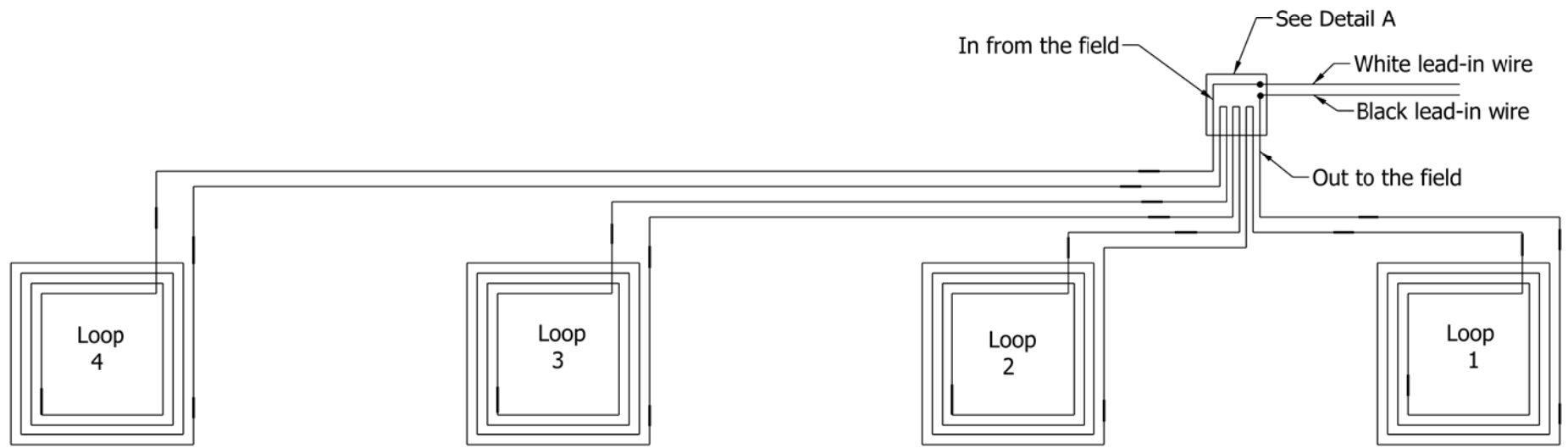
SEPTEMBER 2012

STANDARD DRAWING NO. E 805-SGLI-01



/s/ Richard L. VanCleave 09/04/12
SUPERVISOR, ROADWAY STANDARDS DATE

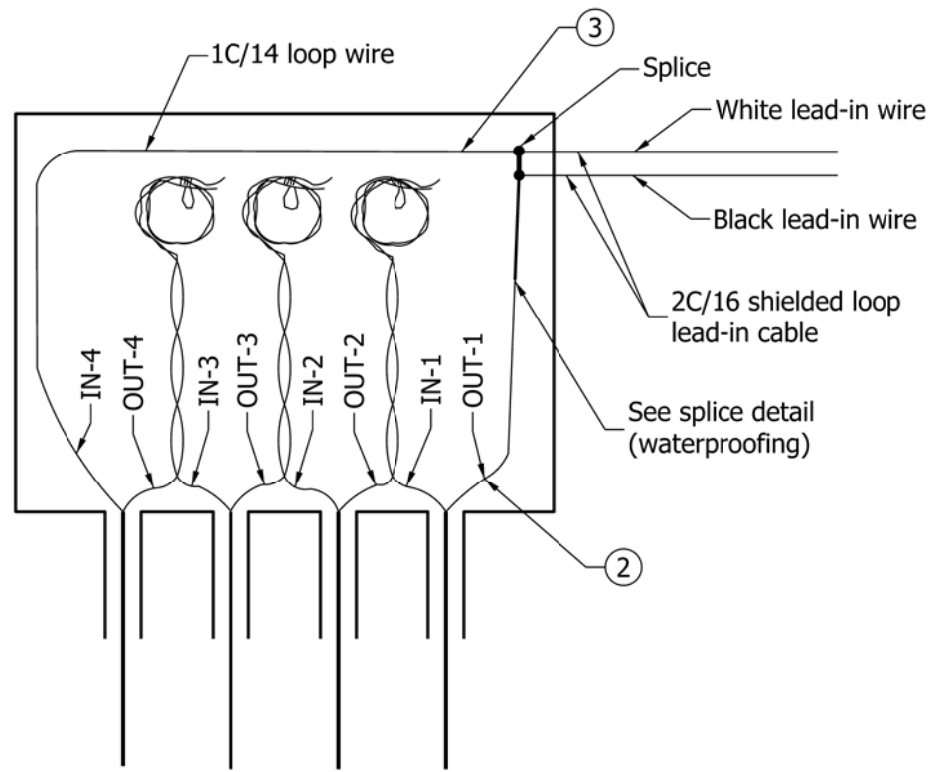
/s/ Mark A. Miller 09/04/12
CHIEF ENGINEER DATE



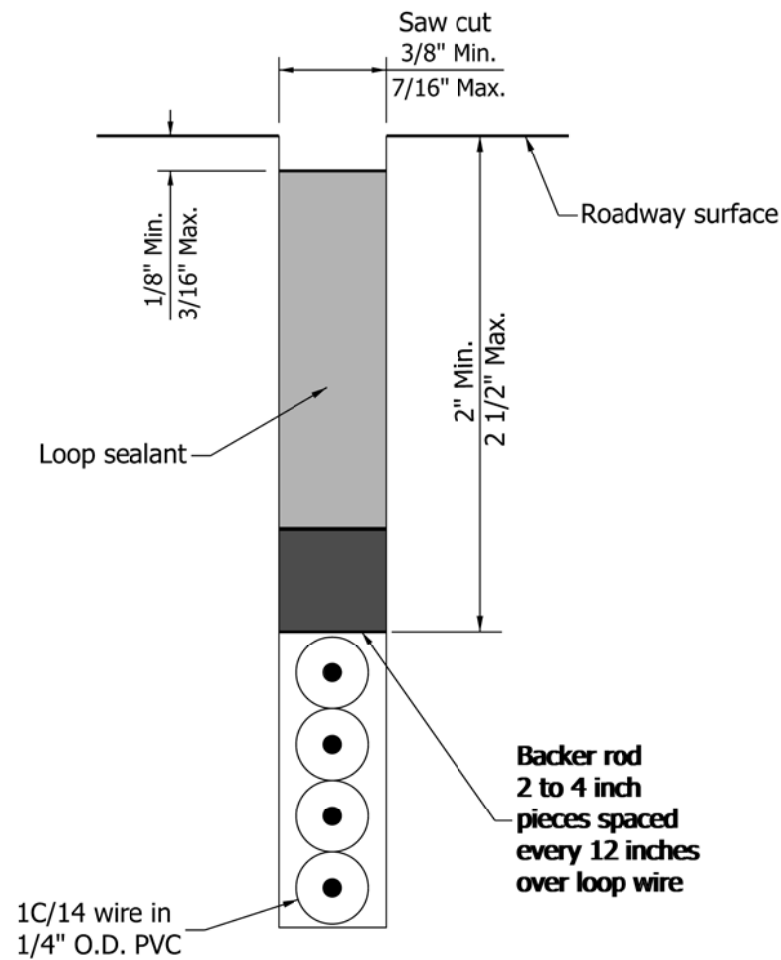
LOOP WIRING DIAGRAM

NOTES:

- ① Duct loop wires to be twisted around each other a minimum of 5 turns/ft then coiled and tied with self-locking strips.
- ② Loop wires to be tagged in or out as indicated.
- ③ See splice detail (waterproofing) on Standard Drawing E 805-SGLI-04.
4. The loop wire is continuously wound in the loop saw slot for the required number of turns.

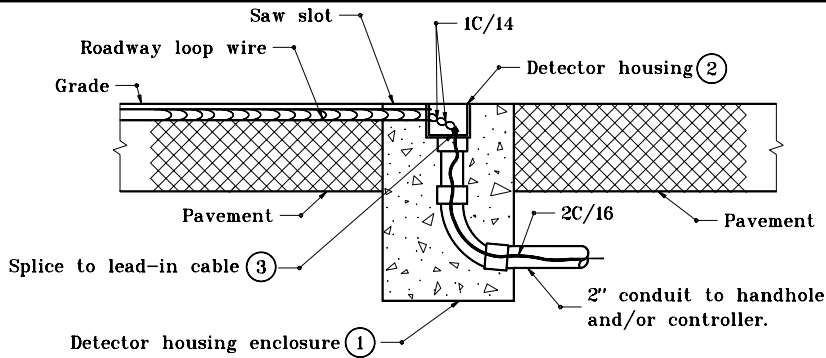


DETAIL A
DETECTOR HOUSING WIRING

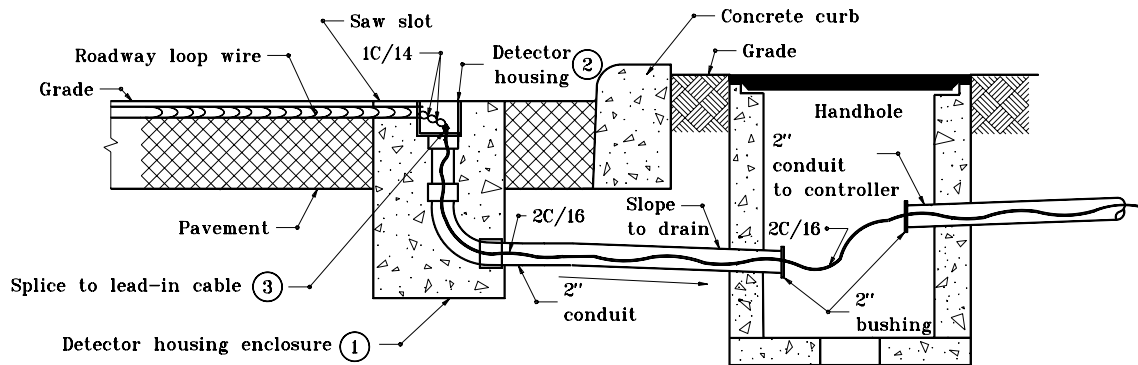


LOOP SAW-CUT DETAIL
SECTION B-B

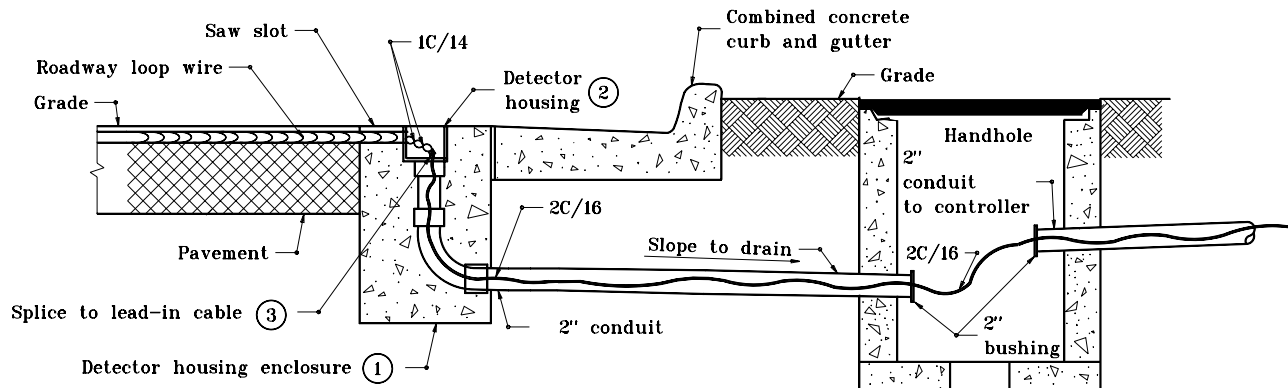
INDIANA DEPARTMENT OF TRANSPORTATION											
TRAFFIC SIGNAL LOOP INSTALLATION											
SEPTEMBER 2010											
STANDARD DRAWING NO. E 805-SGLI-02											
	<table style="width: 100%; border: none;"> <tr> <td style="text-align: right; border: none;"><i>/s/ Richard L. Vancleave</i></td> <td style="text-align: right; border: none;">09/01/10</td> </tr> <tr> <td style="text-align: right; border: none;">DESIGN STANDARDS ENGINEER</td> <td style="text-align: right; border: none;">DATE</td> </tr> <tr> <td colspan="2" style="border: none;"> </td> </tr> <tr> <td style="text-align: right; border: none;"><i>/s/ Mark A. Miller</i></td> <td style="text-align: right; border: none;">09/01/10</td> </tr> <tr> <td style="text-align: right; border: none;">CHIEF HIGHWAY ENGINEER</td> <td style="text-align: right; border: none;">DATE</td> </tr> </table>	<i>/s/ Richard L. Vancleave</i>	09/01/10	DESIGN STANDARDS ENGINEER	DATE			<i>/s/ Mark A. Miller</i>	09/01/10	CHIEF HIGHWAY ENGINEER	DATE
<i>/s/ Richard L. Vancleave</i>	09/01/10										
DESIGN STANDARDS ENGINEER	DATE										
<i>/s/ Mark A. Miller</i>	09/01/10										
CHIEF HIGHWAY ENGINEER	DATE										
DESIGN STANDARDS ENGINEER											



CROSS SECTION FOR NON-CURBED SECTIONS



CROSS SECTION FOR CONCRETE CURB SECTIONS

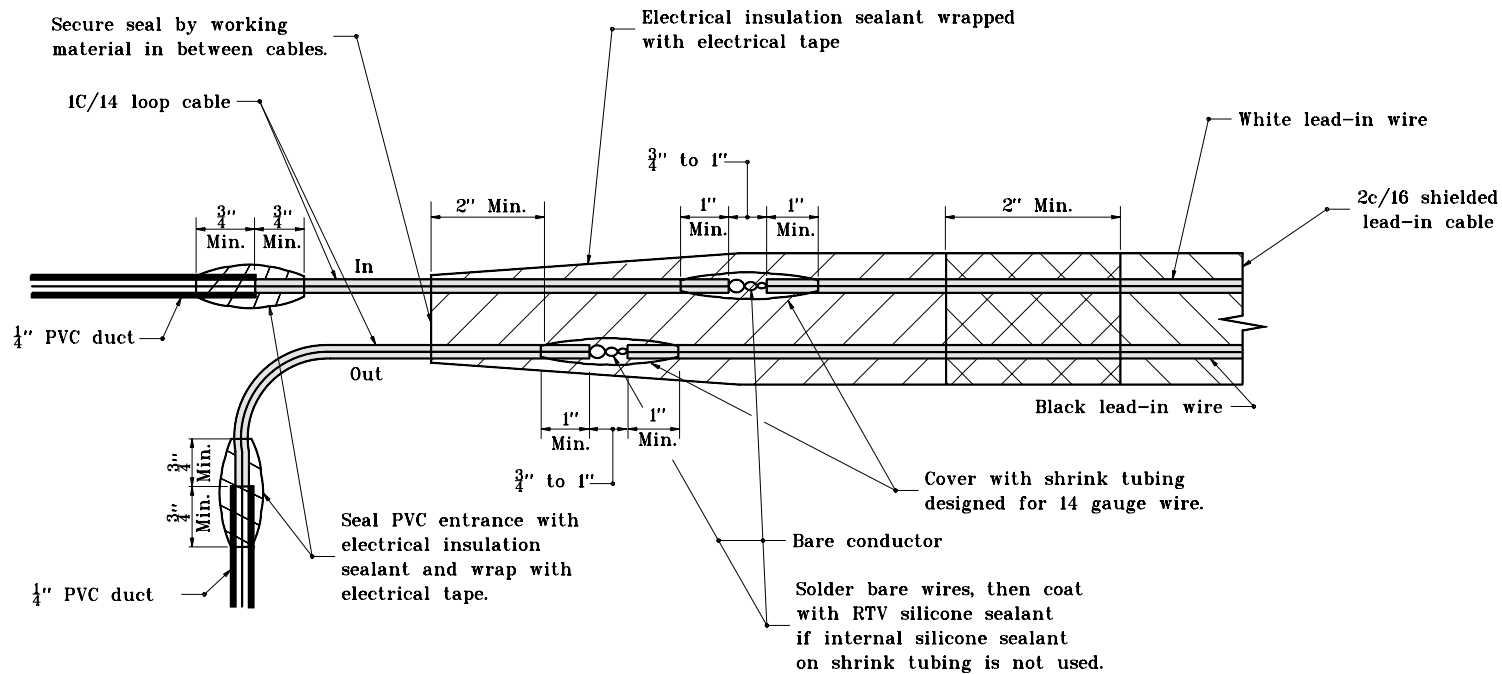


CROSS SECTION FOR COMBINED CURB & GUTTER SECTIONS

GENERAL NOTES

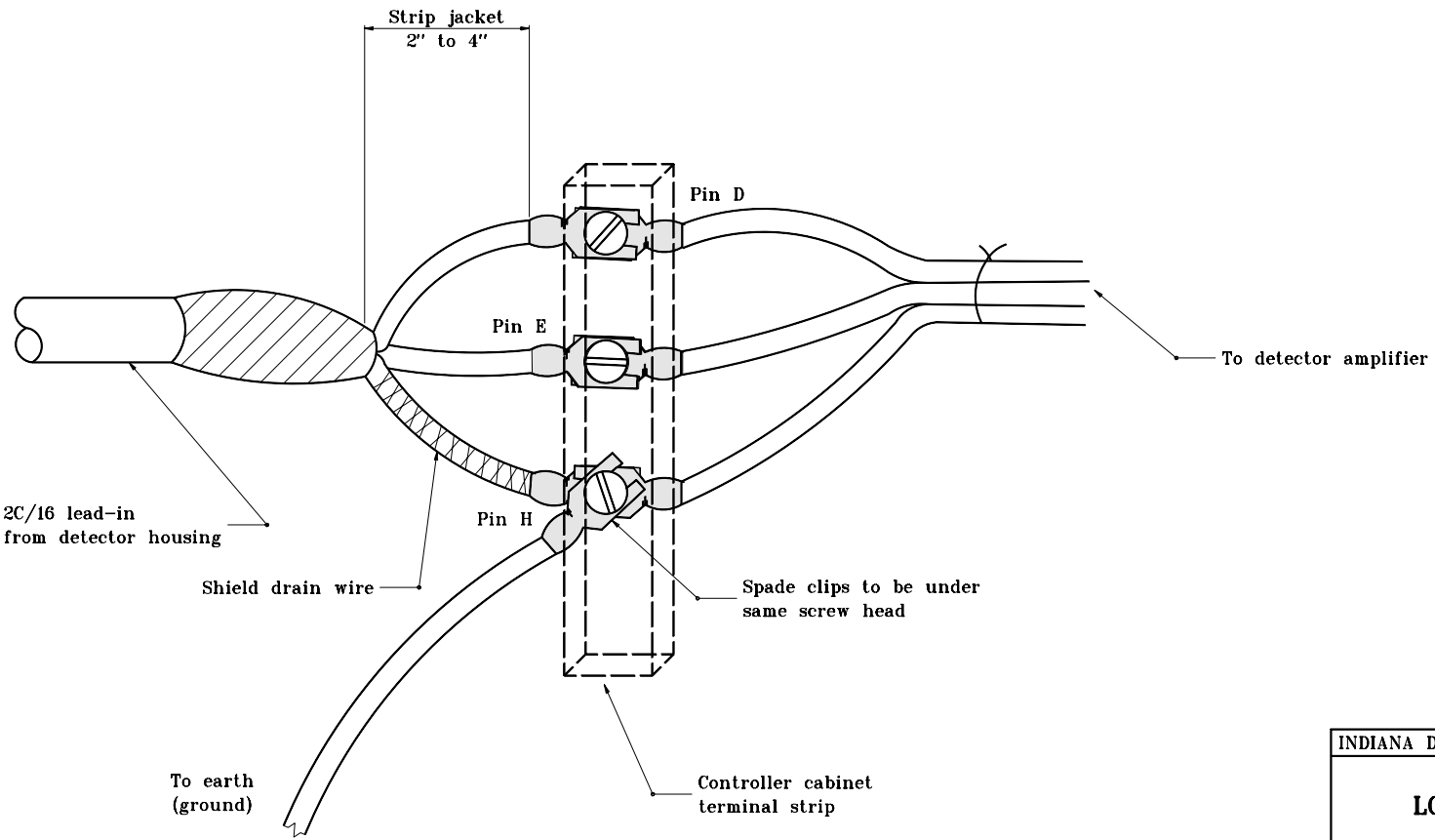
- ① For detail, see Standard Drawing No. E 805-SGDH-01.
- ② For detail, see Standard Drawing No. E 805-SGDH-02
- ③ For detail, see Standard Drawing No. E 805-SGLI-04.

INDIANA DEPARTMENT OF TRANSPORTATION	
TRAFFIC SIGNAL LOOP DETECTOR HOUSING INSTALLATION	
MARCH 1995	
STANDARD DRAWING NO. E 805-SGLI-03	
	DETAILS PLACED IN THIS FORMAT 11-15-99 /s/ Anthony L. Uremovich 11-15-99 DESIGN STANDARDS ENGINEER DATE
DESIGN STANDARDS ENGINEER	/s/ Firooz Zandi 11-15-99 CHIEF HIGHWAY ENGINEER DATE ORIGINALLY APPROVED 3-01-95



SPLICE DETAIL

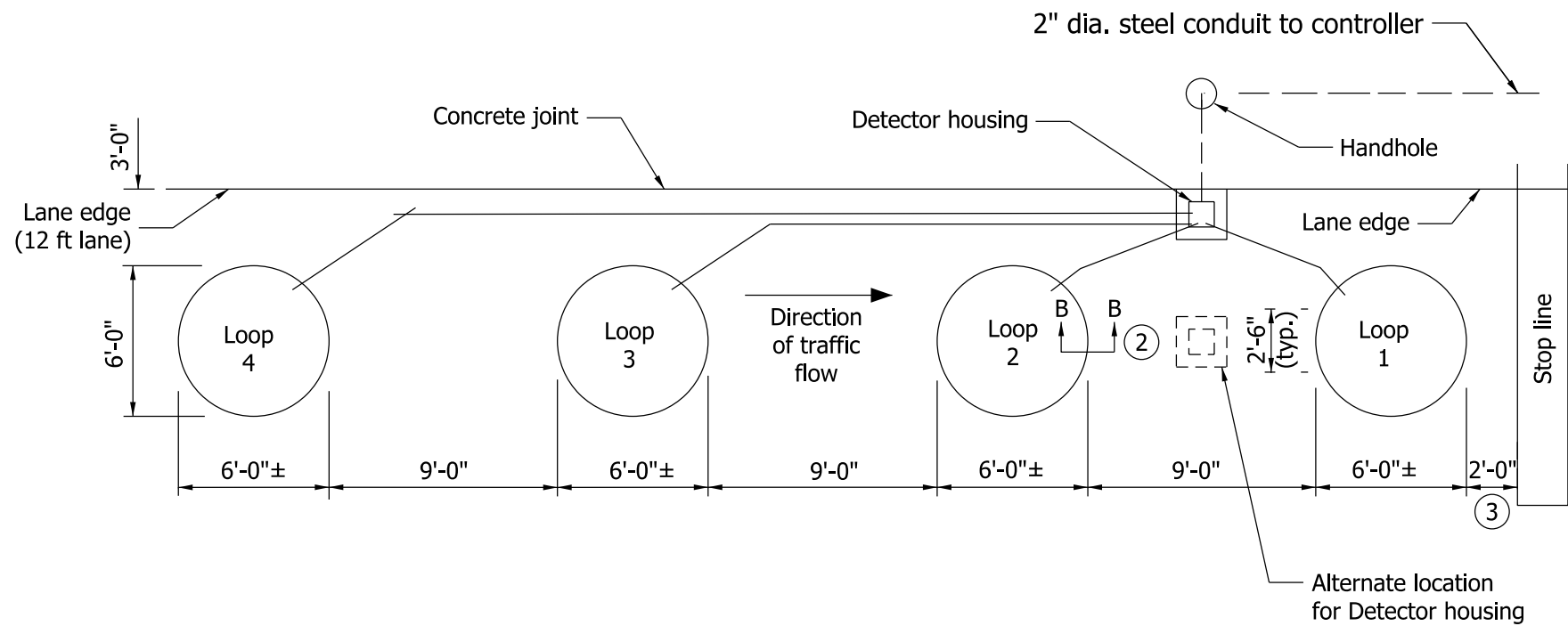
INDIANA DEPARTMENT OF TRANSPORTATION	
TRAFFIC SIGNAL LOOP SPLICE	
MARCH 1995	
STANDARD DRAWING NO. E 805-SGLI-04	
	DETAILS PLACED IN THIS FORMAT 11-15-99
	/s/ Anthony L. Uremovich 11-15-99 DESIGN STANDARDS ENGINEER DATE
	/s/ Firooz Zandi 11-15-99 CHIEF HIGHWAY ENGINEER DATE
DESIGN STANDARDS ENGINEER	ORIGINALLY APPROVED 3-01-95



**LOOP LEAD-IN
CONTROLLER CABINET CONNECTION DETAIL**

INDIANA DEPARTMENT OF TRANSPORTATION	
TRAFFIC SIGNAL LOOP INSTALLATION	
MARCH 1995	
STANDARD DRAWING NO. E 805-SGLI-05	
	DETAILS PLACED IN THIS FORMAT 11-15-99
	/s/ <i>Anthony L. Uremovich</i> 11-15-99 DESIGN STANDARDS ENGINEER DATE
	/s/ <i>Firooz Zandi</i> 11-15-99 CHIEF HIGHWAY ENGINEER DATE
	DESIGN STANDARDS ENGINEER ORIGINALLY APPROVED 3-01-95

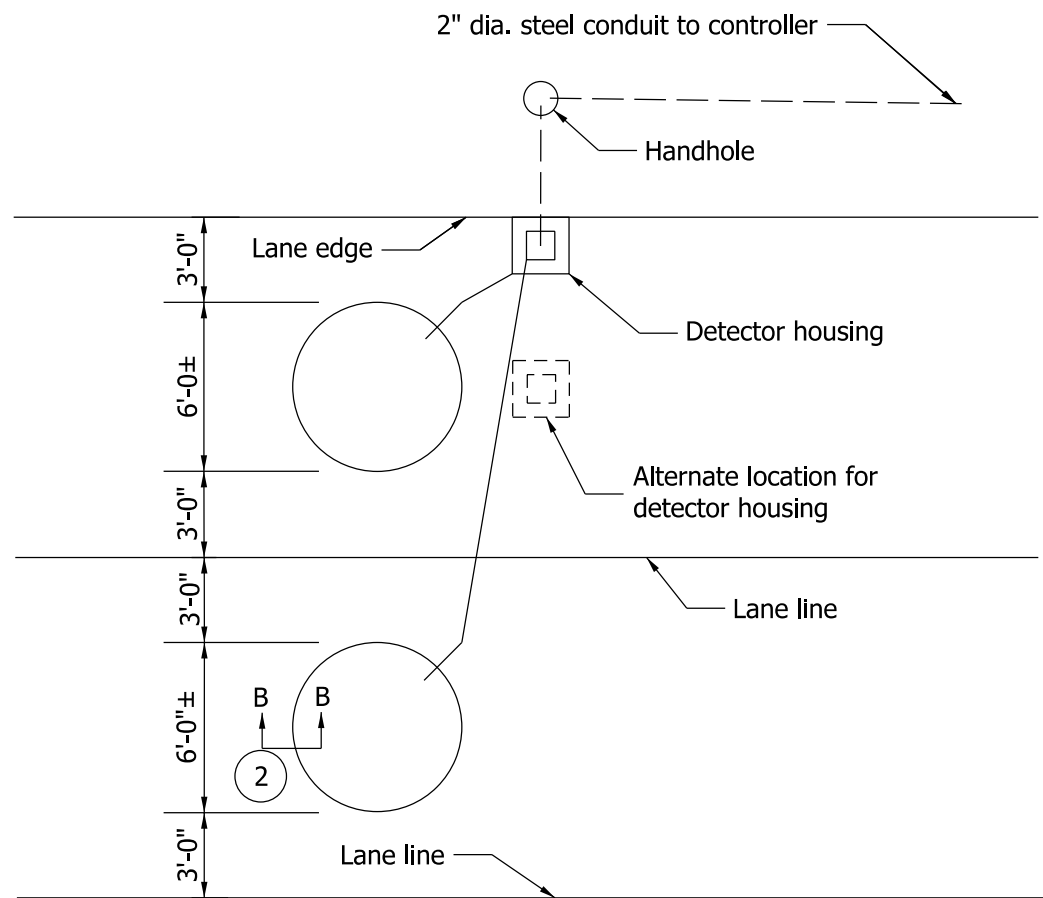
TYPICAL LOOP DETECTION SAW-CUT PLAN (ONE LANE)



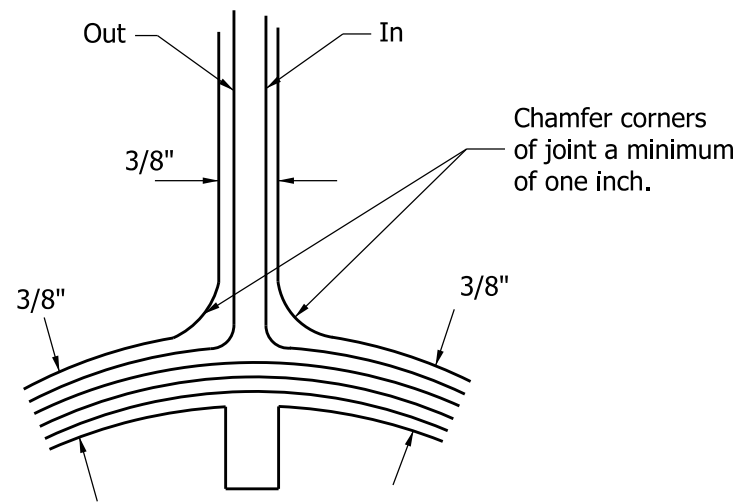
NOTES:

1. Loop saw-cuts as shown on the plans are to be considered as schematic only. In the event of discrepancies, this detail shall govern.
- ② See Standard Drawing E 805-SGLI-02 for Section B-B.
- ③ This distance is typical depending on the intersection geometrics; a loop can be sawed in front of the stop line.
4. The loop(s) shall be centered transversely in the travel lane.
5. The saw slot for the line from the detector housing to the circular loop shall be approximately perpendicular to the tangent of the loop at the point of intersection.

TYPICAL LOOP DETECTION (TWO LANES)



**DETAIL A
DETECTOR HOUSING WIRING**



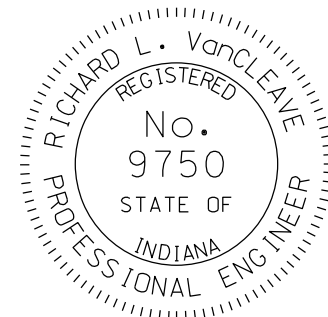
The loop wire is continuously wound in the loop saw slot for the required numbers of turns (4 turns shown)

INDIANA DEPARTMENT OF TRANSPORTATION

**TRAFFIC SIGNAL
LOOP INSTALLATION**

SEPTEMBER 2011

STANDARD DRAWING NO. E 805-SGLI-06



/s/ Richard L. Vancleave 09/01/11
DESIGN STANDARDS ENGINEER DATE

/s/ Mark A. Miller 09/01/11
CHIEF HIGHWAY ENGINEER DATE

DESIGN STANDARDS ENGINEER