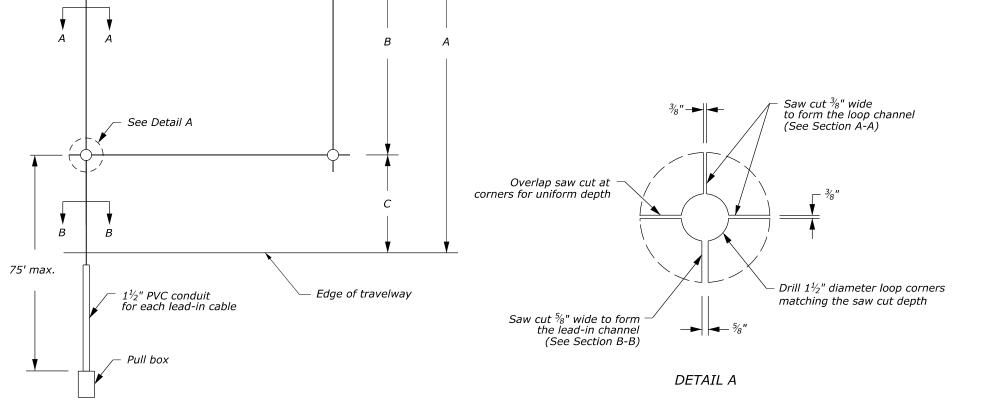
## NOTES:

- 1. Ensure the loop channel and corners are smooth. Remove any burrs or roughness to full depth.
- 2. Identify and tag lead-in cable with loop number.
- Before applying sealant, test each loop and lead-in for continuity and resistance according to Subsection 636.08.
- Waterproof end of lead-in cable and loop conductor before placing in conduit as approved.



Overlap saw cut at — corners for uniform depth

Existing pavement

Existing pavement

surface

Existing pavement

Backer rod

surface

Existing pavement

Backer rod

Sealant

**DIMENSIONS TABLE** LANE WIDTH DIMENSIONS LNFT LNFT (B) (C) (A) 12 6 3 11 5 3 10 5 2.5

LOOP DETECTOR

SECTION B-B

¾" saw cut —

2" min.

 $2\frac{1}{2}$ " max.

Loop wires

5⁄8" saw cut ──►

2" min.

Lead-in cables

from top

of cables

SECTION A-A

Sealant

## **INDUCTIVE LOOP PLAN VIEW**

| U.S. DEPARTMENT OF TRANSPORTATION, FHWA<br>OFFICE OF FEDERAL LANDS HIGHWAY | EFLHD DETAIL<br>E636-03  |
|----------------------------------------------------------------------------|--------------------------|
| INDUCTIVE LOOP                                                             | SPECIFICATION<br>FP-14   |
| INSTALLATION                                                               | APPROVED FOR USE 06/2024 |