Drill hole through pavement. Insert conduit and fill with approved sealer.

Seamed slit for detector loop

2% min. slope toward handhole

Approved sealer

Grade

Detector loop at pavement joint or crack

NOTE
Loop wire shall follow saw cut to bottom, forming slack section at joint.

1 = Lead-in cable (single pair or multipair)
2 = Lead-in cable shield
3 = Lead-in cable shield drain-wire
4 = Lead-in cable insulated conductor
5 = Bare conductor
6 = Loop wire in tube
7 = Loop wire insulated conductor
8 = Twisted and resin soldered conductor
9 = Electrical tape insulated splice
10 = Rigid mold
11 = Waterproof and dielectric resin

All dimensions are in inches (millimeters) unless otherwise shown.

DATE
REVISIONS
1-1-09
Switched units to English (metric)

1-1-02
Re num. Standard 846001.

STANDARD 886001-01

Illinois Department of Transportation
January 1, 2009
APPROVED
January 1, 2009
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED

PASSED
ENGINEER OF OPERATIONS

DATE
REVISIONS

DETECTOR LOOP LEAD-IN

DETECTOR LOOP INSTALLATION

SECTION A-A

PLAN

LOOP WIRE AND LEAD-IN CABLE SPLICE