### FLASHING BEACON WITH WARNING SIGN ON W 6 x 9 BEAM

**NOTES:**

1. See Standard Drawing E 802-SNGP-03 through -05 for breakaway details and dimensions. Use beam size W 6 x 9.

2. The fuse plate shall be 6 in. below the lowest fastener of the sign. Fuse plate shall be used on both the front and back sides.


**SECTION A-A**

**INDIANA DEPARTMENT OF TRANSPORTATION**

**FLASHING BEACON WITH WARNING SIGN**

**SEPTEMBER 2017**

**STANDARD DRAWING NO.** E 805-SGFB-01

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**STATE OF**

**DESIGN STANDARDS ENGINEER**

**DATE**

/\ David H. Boruff 03/15/17

/\ John Leckie 04/10/17

**CHIEF ENGINEER**

**DATE**

/\ 60900348

**REGISTERED PROFESSIONAL ENGINEER**

/\ No. 60900348
Conduit Reducer
3/4" Ø Conduit

SECTION A-A

1" Ø Conduit

See Detail A

Fuse Plate

W 6 x 9

3/4" Ø Conduit

Base Plate

See Detail A

1" Ø Conduit

Top of Foundation

CONDUIT DETAIL

Detector Housing

W 6 x 9

3C/14

1" Ø Conduit

Drill 1 1/4" Ø Hole, Insert Rubber Grommet & Seal w/ Silicone, Insert 1" Ø Conduit Into Grommet.

DETECTOR HOUSING DETAIL

1" Ø Conduit

Silicone, Insert 1" Ø Conduit Into Grommet.

DETAIL A

INVERT FOR TOP CONDUIT JOINT

1/4" Ø Conduit

Conduit Reducer (Seal Top with Silicone)

1" Ø Conduit

3/4" Ø Conduit

3C/14

INDIANA DEPARTMENT OF TRANSPORTATION
FLASHING BEACON WITH WARNING SIGN DETAILS
SEPTEMBER 2017
STANDARD DRAWING NO. E 805-SGFB-02

/s/ David H. Boruff  03/15/17
DESIGN STANDARDS ENGINEER  DATE

/s/ John Leckie  04/10/17
CHIEF ENGINEER  DATE

STATE OF INDIANA
No. 60900348
REGISTERED PROFESSIONAL ENGINEER
Crimp Connector

Fuseholder

Use Shrink Tube to Water
Proof Connection

FUSEHOLDER KIT
TO BE USED IN DETECTOR HOUSING

2" Conduit

Fuseholder Kits
(See Detail)

1" Conduit

Spare Wire Used as Ground to
Run Continuously from Signal
Indication to Service Point

DETECTOR HOUSING CONNECTIONS DETAIL

TYPICAL FLASHING BEACON CONFIGURATION
INDIANA DEPARTMENT OF TRANSPORTATION

PEDESTAL MOUNTED SOLAR POWERED
SCHOOL SPEED LIMIT
FLASHING BEACON ASSEMBLY
SEPTEMBER 2017

STANDARD DRAWING NO. E 805-SGFB-04

NOTES:
2. See Standard Drawing E 805-SGCF-03 for Foundation Type A.
NOTES:

2. See Standard Drawing E 805-SGCF-03 for Foundation Type A.