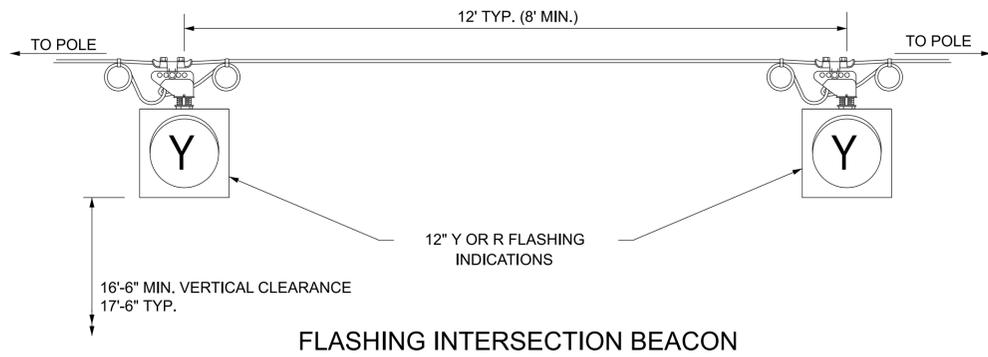
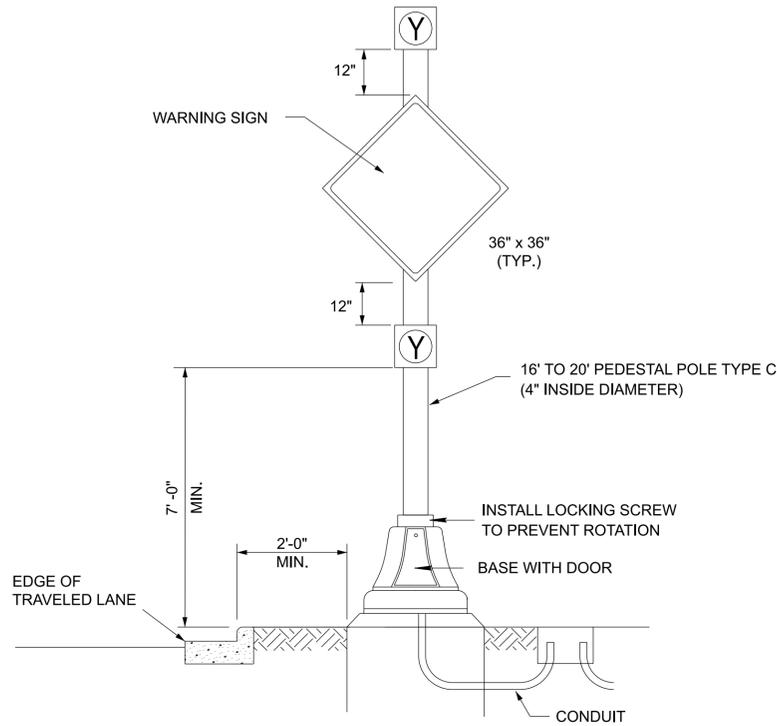


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**FLASHING INTERSECTION BEACON**



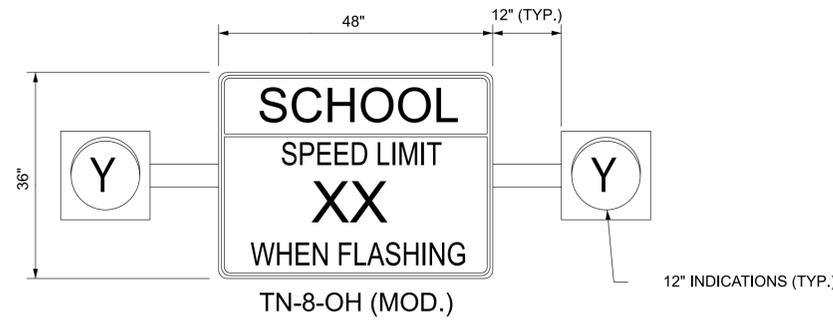
\*WHEN ASSEMBLY IS USED, THE COST SHALL INCLUDE THE WARNING SIGNS, SOLAR ASSEMBLY, BATTERY, CABINET, CABLE, AND MOUNTING HARDWARE. IF ITEM IS HARD-WIRED, SOLAR ASSEMBLY AND BATTERY ARE NOT REQUIRED.

- 730-50.11 WARNING SIGN FLASHING ASSEMBLY (HARD-WIRED), OR
- 730-50.12 WARNING SIGN FLASHING ASSEMBLY (SOLAR POWERED)

**WARNING SIGN FLASHING ASSEMBLY**

**GENERAL NOTES**

- (A) THE FLASHER CONTROLLER SHALL BE ENCLOSED IN A NEMA 3R RAIN TIGHT, LOCKABLE ENCLOSURE.
- (B) SIGNAL INDICATIONS SHALL BE MOUNTED 12" FROM WARNING SIGNS.
- (C) IF WARNING BEACONS HAVE MORE THAN ONE SIGNAL SECTION, THEY MAY BE FLASHED EITHER ALTERNATELY OR SIMULTANEOUSLY.
- (D) IF TWO HORIZONTALLY-ALIGNED RED SIGNAL INDICATIONS ARE USED ON AN APPROACH FOR AN INTERSECTION CONTROL BEACON, THEY SHALL BE FLASHED SIMULTANEOUSLY.
- (E) IF TWO VERTICALLY-ALIGNED RED SIGNAL INDICATIONS THAT HAVE A PHYSICAL SEPARATION BETWEEN THEM ARE USED ON AN APPROACH FOR AN INTERSECTION CONTROL BEACON, THEY SHALL BE FLASHED ALTERNATELY.
- (F) SEE MUTCD CHAPTER 4L FOR RECTANGULAR RAPID FLASHING BEACON DESIGN.
- (G) FOUNDATION DESIGN FOR TYPE C POLES, SEE STD. DWG. T-SG-6C.
- (H) COST FOR FLASHER CABINET AND CONTROLLER, SEE ITEM NOS. BELOW  
730-15.33 CABINET (FLASHER)  
730-16.05 CONTROLLER (FLASHER)

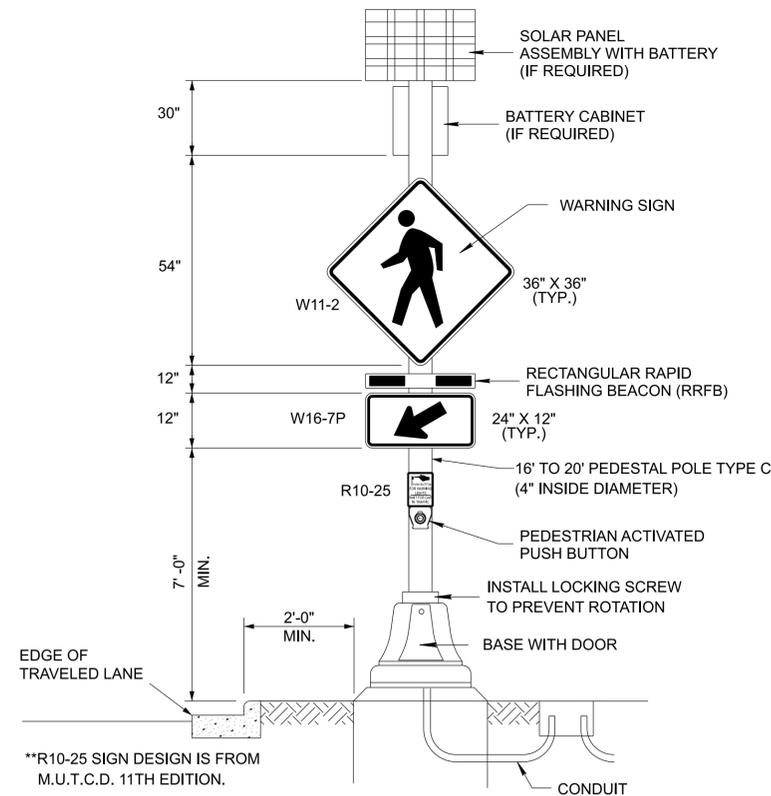


**TN-8-OH (MOD.)**

\* THE COST OF THE SCHOOL SPEED LIMIT FLASHING ASSEMBLY SHALL INCLUDE SCHOOL FLASHING SIGN, SOLAR ASSEMBLY, BATTERY, CABINET, SIGNAL CABLE, AND ANY MOUNTING HARDWARE. IF ITEM IS BEING HARD-WIRED, SOLAR ASSEMBLY AND BATTERY ARE NOT REQUIRED.

- 730-50.30 SCHOOL SPEED LIMIT FLASHING ASSEMBLY (SOLAR POWERED), OR
- 730-50.31 SCHOOL SPEED LIMIT FLASHING ASSEMBLY (HARD-WIRED)

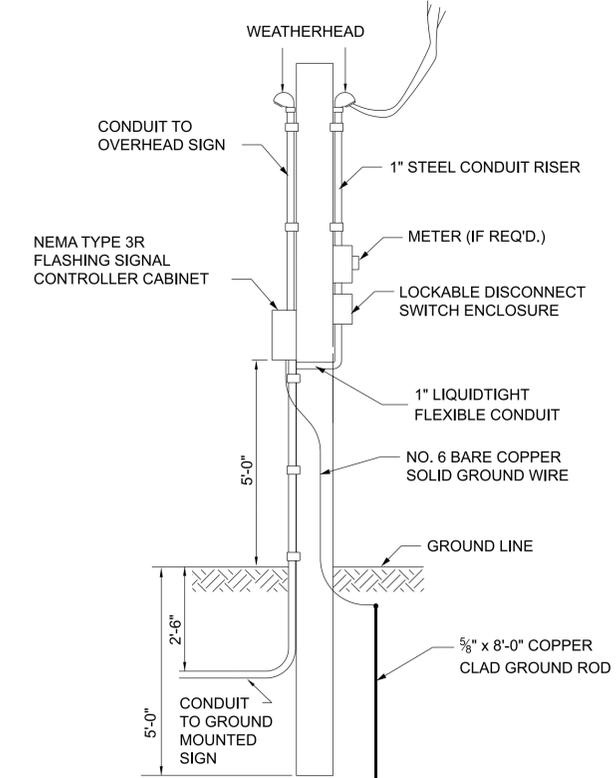
**OVERHEAD SCHOOL SPEED LIMIT FLASHING ASSEMBLY**



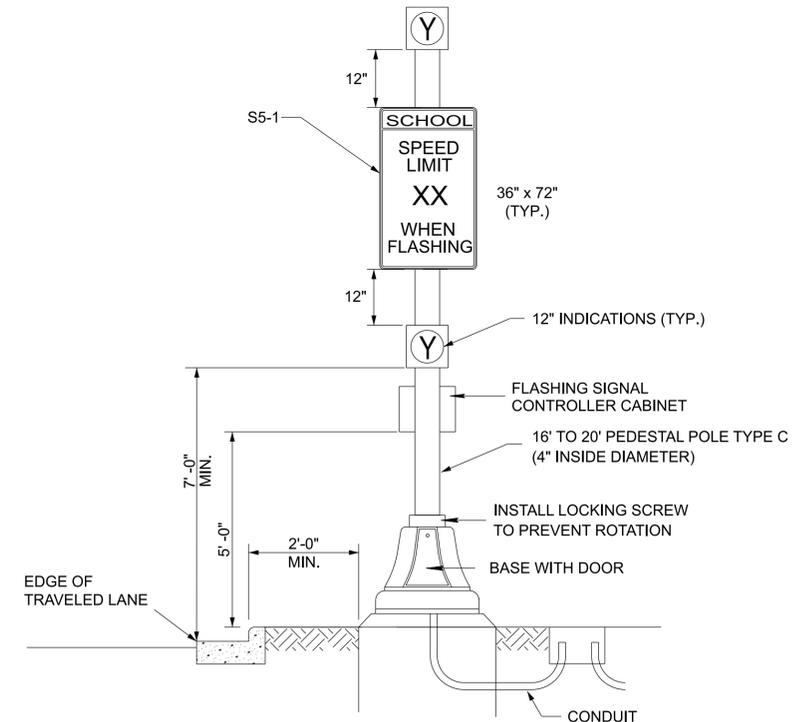
\*THE COST OF RRFB ASSEMBLY SHALL INCLUDE THE WARNING SIGNS, ADA COMPLIANT PUSHBUTTON W/SIGN, SOLAR ASSEMBLY, BATTERY, CABINET, RRFB CABLE, AND MOUNTING HARDWARE. IF ITEM IS HARD-WIRED, SOLAR ASSEMBLY AND BATTERY ARE NOT REQUIRED.

- 730-50.20 RECTANGULAR RAPID FLASHING BEACON ASSEMBLY (SOLAR POWERED), OR
- 730-50.21 RECTANGULAR RAPID FLASHING BEACON ASSEMBLY (HARD-WIRED)

**RECTANGULAR RAPID FLASHING BEACON (RRFB)**



**FLASHER CABINET AND ELECTRICAL SERVICE**



\* THE COST OF THE SCHOOL SPEED LIMIT FLASHING ASSEMBLY SHALL INCLUDE SCHOOL FLASHING SIGN, SOLAR ASSEMBLY, BATTERY, CABINET, SIGNAL CABLE, AND ANY MOUNTING HARDWARE. IF ITEM IS BEING HARD-WIRED, SOLAR ASSEMBLY AND BATTERY ARE NOT REQUIRED.

- 730-50.30 SCHOOL SPEED LIMIT FLASHING ASSEMBLY (SOLAR POWERED), OR
- 730-50.31 SCHOOL SPEED LIMIT FLASHING ASSEMBLY (HARD-WIRED)

**SCHOOL SPEED LIMIT FLASHING ASSEMBLY**

REV. 6-1-09: REVISED PEDESTAL POLE HEIGHT DIMENSION ADDED LOCKING SCREW.

REV. 6-27-16: ADDED SIGN NUMBERS TO AND REVISED DIMENSIONS OF ALL SIGNS. REVISED VERTICAL CLEARANCE DIMENSION OF FLASHING INTERSECTION BEACON DETAIL.

REV. 05-01-24: ADDED RRFB DETAIL. CHANGED NAME OF FLASHING WARNING BEACON TO WARNING SIGN FLASHING ASSEMBLY AND ADDED NOTE WITH PAY ITEM NOS. TO DETAIL. REMOVED SIGNS, TN-8-OH & TN-8-S. UPDATED GENERAL NOTES, NOTE "B".

REV. 12-18-25: UPDATED TO CONFORM TO MUTCD 11TH EDITION.

MINOR REVISION -- FHWA APPROVAL NOT REQUIRED.

STATE OF TENNESSEE  
STANDARD DRAWING  
DEPARTMENT OF TRANSPORTATION

FLASHING BEACON DETAIL

7-29-04 T-SG-13

NOT TO SCALE