Item No. 1-18
Mr. Poturalski
Date: 1/20/05

REVISION TO STANDARD DRAWING

801-TVDV-01 Channelizing Devices
801-TCDV-02 Channelizing Devices

Other sections containing specific cross references:

NONE

Recurring Special Provisions potentially affected:

NONE

Motion: Mr.
Second: Mr.
Ayes:
Nays:

General Instructions to Field Employees
Update Required? Y___ N___
By - Additional or Revision
Frequency Manual
Update Required? Y____ N____
By – Addition or Revision

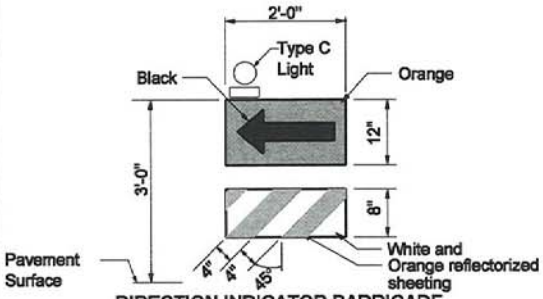
Standard Sheets potentially affected:

See Above

Action: Passed as submitted; revised
Effective - _____ Letting
_____ Supplementals

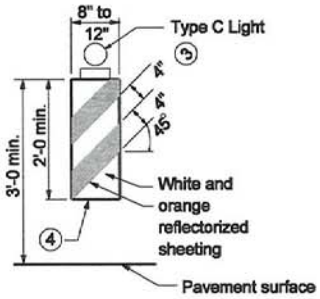
Withdrawn. Resubmit? _____

Received FHWA Approval? ____



DIRECTION INDICATOR BARRICADE

Use: X

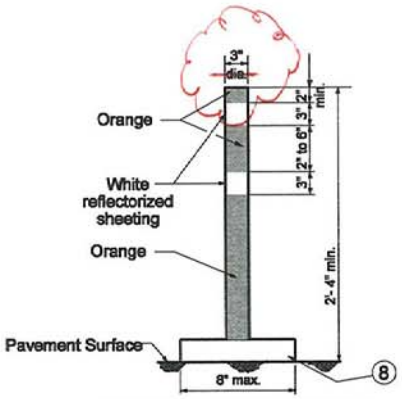


VERTICAL PANEL 9

Use: O O O X

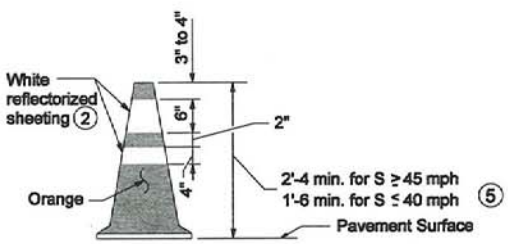
GENERAL NOTES

1. For additional notes and legends see Standard Drawing E 801-TCLG-01 or E 801-TCDV-02.
2. A Type C warning light will be required on tapers where there is a reduction in the number of lanes and a flashing arrow sign is used..



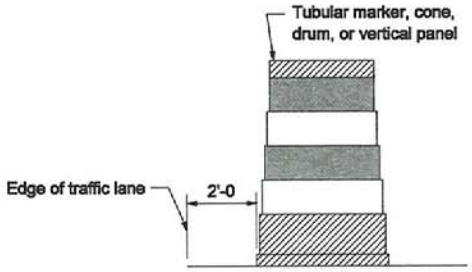
FLEXIBLE TUBULAR MARKER

Use: O X ●

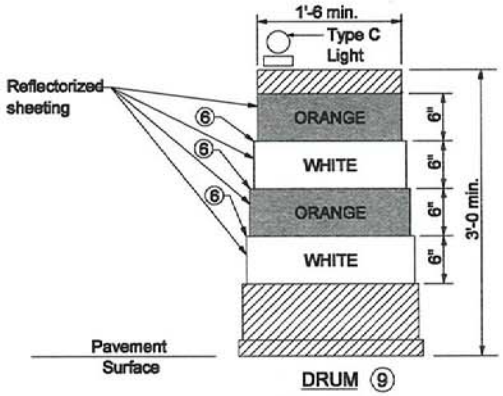


CONE

Use: O X ● X



PLACEMENT OF CHANNELIZING DEVICES



DRUM 9

Use: O X

INDIANA DEPARTMENT OF TRANSPORTATION

CHANNELIZING DEVICES

SEPTEMBER 2005

STANDARD DRAWING NO. E 801-TCDV-01

RICHARD L. VANCLEAVE REGISTERED No. 9750 STATE OF INDIANA PROFESSIONAL ENGINEER

DESIGN STANDARDS ENGINEER

/s/ Richard L. VanCleave — DESIGN STANDARDS ENGINEER — 3-01-05 DATE

/s/ Richard K. Smulzer — CHIEF HIGHWAY ENGINEER — 3-01-05 DATE

...\801-TCDV-01_Rev_Sep_2004_Richa 01/03/2005 01:22:13 PM

GENERAL NOTES

1. Unless otherwise specified, channelizing devices shall be spaced as shown on Standard Drawing E 801-TCLG-01.

(2) Reflectorized bands may be omitted from cones for lane closures during daylight hours.

(3) For vertical panels greater than 3 ft in height, the width of the stripes shall be 6 in.

(4) Vertical panels used on an expressway or a freeway shall have a minimum reflective panel area of 270 sq. in. Other roadways with a posted speed limit of 50 mph or greater shall have a minimum reflective panel area of 270 sq. in., also.

(5) Cones shall have a minimum height of 2'-4" when used at night.

(6) The maximum distance between the edges of adjacent reflective sheeting strips shall be 2 in.

7. Panel and direction indicator barricades and supports shall meet NCHRP 350 crash evaluation criteria.

(8) Minimum flexible tubular marker base area shall be 0.3 sq. ft.

(9) It is not necessary to delineate a drop-off of 3 in. or less adjacent to active travel lanes. Where channellizing devices are used to delineate drop-offs of 3 in. or less adjacent to active travel lanes, at least 33 in. of the device shall be above the adjoining pavement surface. Where channelizing devices are used to delineate a drop-off greater than 3 in. adjacent to active travel lanes, at least 27 in. of the device shall be above the adjoining pavement surface and a Type C warning light shall be attached to the top of the device (on the pavement side). In no case shall more than 9 in. of the device be below the adjoining pavement surface.

10. The proper orientation in respect to approaching vehicular traffic shall be maintained on vertical panels. Drums are the preferred channelizing device in a tight radius curve. and flexible tubular markers

LEGEND

O - Device may be used in tangent set-ups.

X - Device may be used in taper or transition set-ups.

(X) - Devices may be used in two-way traffic set-ups to divide opposing lanes of traffic.

(●) - Device may be used to divide two or more lanes of traffic in the same direction.

(O) - Device may be used to replace barricades and drums where space is limited.

[O] - Device may be used to delineate edge of pavement drop-off where space is limited.

INDIANA DEPARTMENT OF TRANSPORTATION	
CHANNELIZING DEVICES SEPTEMBER 2005	
STANDARD DRAWING NO. E 801-TCDV-02	
RICHARD L. VANCLEAVE REGISTERED No. 9750 STATE OF Indiana PROFESSIONAL ENGINEER DESIGN STANDARDS ENGINEER	/s/ Richard L. VanCleave 9-03-02 DESIGN STANDARDS ENGINEER DATE /s/ Richard K. Smutzer 9-03-02 CHIEF HIGHWAY ENGINEER DATE