






TEMPORARY TRAFFIC CONTROL TYPICAL APPLICATION

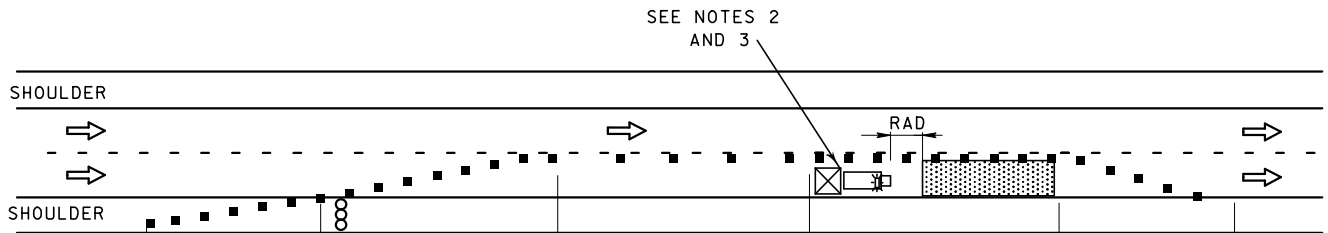
IMPORTANT:
 THIS DRAWING SHALL BE USED IN COMBINATION WITH THE
 GENERAL NOTES MD 104.00-01 - MD 104.00-18 AND STANDARD
 DETAILS MD 104.01-01 - MD 104.01-81.

NOTES

1. REFER TO SECTION 7 FOR GUIDANCE ON USING CHANNELIZING DEVICES TO DELINEATE THE EDGE OF THE ROADWAY AND FOR ADDITIONAL GUIDANCE ON PERMITTED CHANNELIZING DEVICES.
2. REFER TO GENERAL NOTE 10.4 AND MD 104.01-11A FOR GUIDANCE ON USING A PROTECTION VEHICLE (PV).
3. IF A PV IS USED TO PROTECT THE WORK AREA, IT SHOULD BE PLACED IN THE WORK AREA AS SHOWN IN THE FIGURE WHILE ALLOWING FOR THE ROLL AHEAD DISTANCE (RAD) ANTICIPATED WITH IMPACT. A PV MAY BE DEPLOYED IN THE BUFFER SPACE, PROVIDED IT IS IN PROXIMITY TO THE ACTIVE WORK AREA AND THE BUFFER LENGTH IS ADJUSTED TO INCLUDE THE LENGTH OF THE PV AND THE ANTICIPATED RAD.
4. REFER TO MD 104.01-80 TO DETERMINE THE TAPER LENGTH AND MD 104.01-81 TO DETERMINE THE BUFFER LENGTH.
5. THIS TYPICAL APPLICATION DOES NOT APPLY TO PAVING OPERATIONS, BUT CAN BE USED AT THE DISCRETION OF THE ENGINEER.


KEY:

-  CHANNELIZING DEVICES
-  DIRECTION OF TRAFFIC
-  WORK AREA
-  ARROW PANEL
-  PROTECTION VEHICLE



	SHOULDER TAPER	MERGING TAPER	BUFFER SPACE	WORK AREA	TERMINATION TAPER
	1/3 L	L	BL	VARIES	100'/LANE OPENED
PERMITTED CHANNELIZING DEVICE TYPE EXPRESSWAY/FREEWAY	DRUMS	DRUMS	DRUMS	DRUMS	DRUMS
PERMITTED CHANNELIZING DEVICE TYPE ALL OTHER ROADS	DRUMS	DRUMS	DRUMS OR CONES	DRUMS OR CONES	DRUMS OR CONES
MAXIMUM CHANNELIZING DEVICE SPACING (FT) ANY ROAD	VARIES (MINIMUM 7 DEVICES)	40	80	40	VARIES

SPECIFICATION 104	CATEGORY CODE ITEMS		
APPROVED	<i>Cedric Wald</i> DIRECTOR - OFFICE OF TRAFFIC AND SAFETY		
APPROVAL	SHA REVISIONS	APPROVAL	FEDERAL HIGHWAY ADMINISTRATION
APPROVAL	7-1-09	APPROVAL	7-27-09
REVISED	8-20-14	REVISED	8-11-14
REVISED	2-19-24	REVISED	11-16-23
REVISED	04-07-26	REVISED	04-02-26


MARYLAND DEPARTMENT OF TRANSPORTATION
 STATE HIGHWAY ADMINISTRATION

STANDARDS FOR HIGHWAYS AND INCIDENTAL STRUCTURES

**CHANNELIZING DEVICE USAGE AND SPACING
GREATER THAN 40 MPH**

STANDARD NO. MD 104.01-30 C