







TEMPORARY TRAFFIC CONTROL TYPICAL APPLICATION

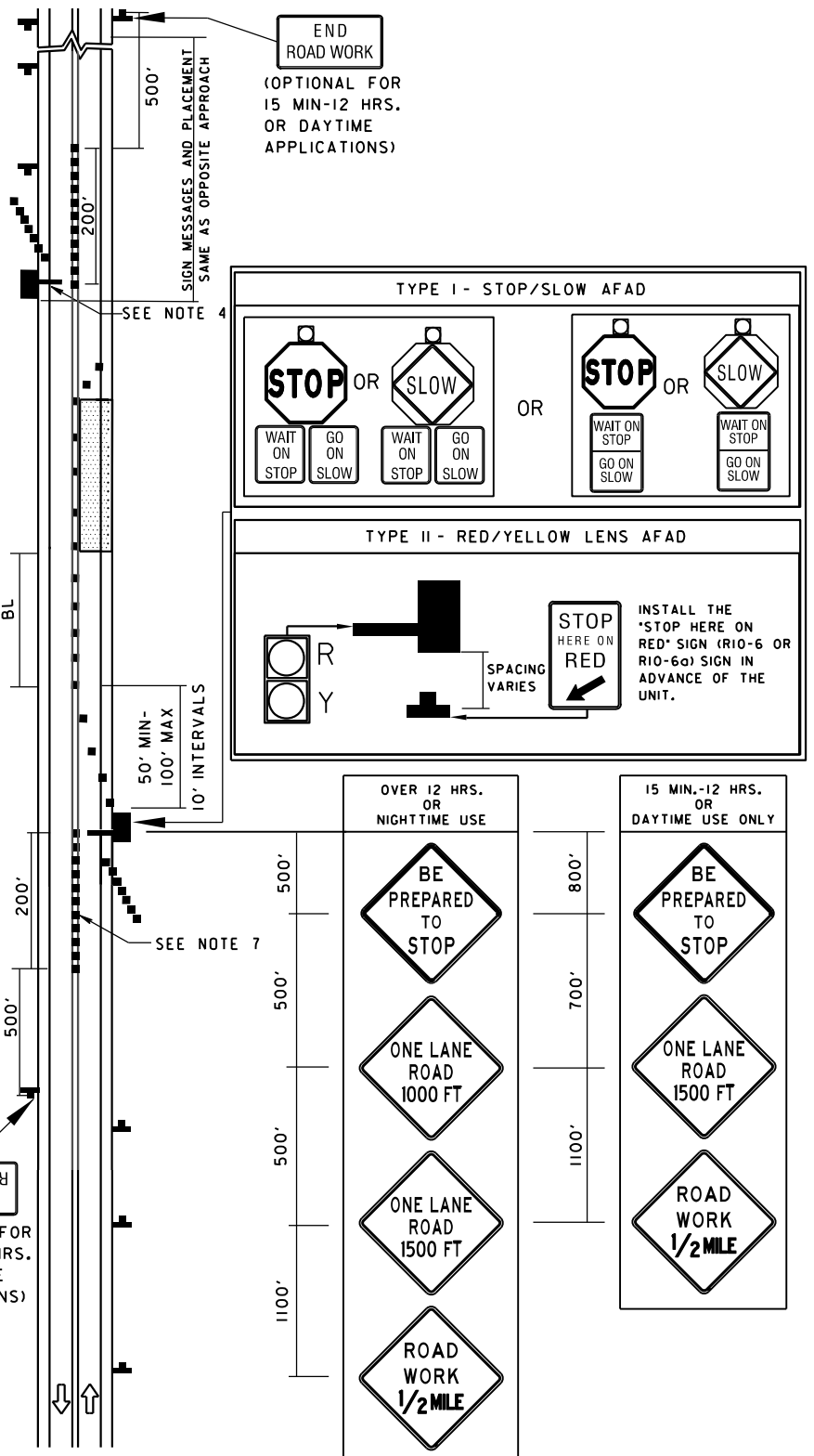
NOTES

1. AFAD SHALL ONLY BE USED AT LOCATIONS WITH ONLY ONE LANE OF APPROACHING TRAFFIC IN THE DIRECTION TO BE CONTROLLED.
2. THE AFAD SHALL BE DELINEATED WITH CONES.
3. IF SHOULDERS ARE NARROW OR ABSENT, AFAD SHOULD BE PLACED IN THE CLOSED LANE. ADDITIONAL SIGNS OR MARKINGS SHOULD BE USED TO INFORM MOTORISTS OF STOPPING LOCATION. THE AFAD GATE ARM SHALL NOT EXTEND INTO THE OPEN LANE.
4. THIS DRAWING SHOWS A PAIR (TWO) AFADS USED TO CONTROL TRAFFIC FOR ONE LANE, TWO-WAY OPERATIONS (METHOD 1). IF FLAGGER IS USED AT ONE END AND AFAD AT THE OTHER (METHOD 2), THIS DRAWING SHALL BE USED IN COMBINATION WITH STANDARD MD 104.02-10.
5. BASED ON FIELD CONDITIONS, A SINGLE CERTIFIED FLAGGER CAN CONTROL TWO AFADS ONLY IF THE FLAGGER HAS UNIMPEDED VISIBILITY OF BOTH AFADS AND APPROACHING TRAFFIC IN BOTH DIRECTIONS. IF ONE FLAGGER IS OPERATING BOTH AFADS, THE UNITS SHOULD BE PLACED A MAXIMUM OF 1000 FEET APART. IF VISIBILITY IS RESTRICTED IN ANY WAY, TWO CERTIFIED FLAGGERS SHALL BE USED WHEN USING EITHER METHOD 1 OR METHOD 2 COORDINATING THROUGH RADIO COMMUNICATION.
6. ILLUMINATION OF THE AFAD LOCATIONS SHALL BE PROVIDED DURING NIGHTTIME FLAGGING OPERATION.
7. A MINIMUM OF 11 CONES SPACED AT 20 FEET MAXIMUM SHALL BE PLACED ALONG THE CENTERLINE IN ADVANCE OF THE AFAD TO PREVENT VEHICLES FROM GOING INTO THE OPPOSITE LANE.

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.

KEY:

-  CHANNELIZING DEVICES (OPTIONAL FOR 15 MIN-12 HRS. OR DAYTIME APPLICATIONS)
-  SIGN SUPPORT
-  FACE OF SIGN
-  DIRECTION OF TRAFFIC
-  WORK SITE
-  AUTOMATED FLAGGER ASSISTANCE DEVICE (AFAD)



SPECIFICATION	CATEGORY CODE ITEMS		
104			
APPROVED	<i>Cedric Wald</i> DIRECTOR - OFFICE OF TRAFFIC AND SAFETY		
APPROVAL SHA REVISIONS	APPROVAL FEDERAL HIGHWAY ADMINISTRATION		
APPROVAL	2-19-24	APPROVAL	12-06-23
REVISED	1-30-25	REVISED	1-24-25
REVISED		REVISED	
REVISED		REVISED	

MOT MARYLAND DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

**STANDARDS FOR HIGHWAYS AND INCIDENTAL STRUCTURES
FLAGGING OPERATION (AFAD CONTROLLED)
2-LANE, 2-WAY /EQL/LESS THAN 40 MPH**

STANDARD NO. MD 104.02-10A