



- APPROACH SIGN NOTES:**
- REFER TO THE CURRENT EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL (M.U.T.C.D.) FOR CONSTRUCTION APPROACH SIGNS CRITERIA.
  - ALL SIGNS ARE TO BE LOCATED ON THE RIGHT SIDE OF THE ROAD APPROACHING THE CONSTRUCTION AREA UNLESS OTHERWISE NOTED.

- BRIDGE 85 TRAFFIC CONTROL NOTES:**
- THE EXISTING SPEED LIMIT IS 40 M.P.H. FOR U.S. 7 AT BRIDGE 85.
  - DUE TO THE HIGH TRAFFIC VOLUMES ON U.S. 7, THE CONTRACTOR SHALL NOT USE A TEMPORARY TRAFFIC SIGNAL FOR TRAFFIC CONTROL ON BRIDGE 85.
  - ACCESS TO ALL INTERSTATE 89 EXIT 18 ENTRANCE AND EXIT RAMP, DRIVES, ROADS AND PARKING AREAS SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION.
  - A "ROAD WORK AHEAD" (W20-1) SIGN, LOCATED 500' FROM THE INTERSECTION OF US ROUTE 7, SHALL BE USED ON BOTH INTERSTATE 89 EXIT 18 ENTRANCE RAMP.
  - AN "END ROAD WORK" (G20-2A) SIGN, LOCATED 500' FROM THE INTERSECTION OF US ROUTE 7, SHALL BE USED ON BOTH INTERSTATE 89 EXIT 18 ENTRANCE RAMP.
  - SEE SHEETS ID-1 AND ID-2 FOR GENERAL TRAFFIC CONTROL NOTES.
  - REMOVAL OF EXISTING PAVEMENT FROM BRIDGE 85 SHALL BE PERFORMED BETWEEN THE HOURS OF 8:00PM TO 6:00AM ONLY. TEMPORARY LIGHTING REQUIRED FOR NIGHT OPERATIONS SHALL BE INCIDENTAL TO ITEM 641.10, "TRAFFIC CONTROL (189 - BRIDGE NO. 85, US 7)". SEE THE SPECIAL PROVISIONS FOR ADDITIONAL REQUIREMENTS FOR NIGHTTIME WORK.

- LEGEND**
- FLOW OF TRAFFIC
  - RETROREFLECTIVE PLASTIC DRUM
  - TYPE III BARRICADE
  - ▨ WORK AREA
  - ⊠ TRUCK/TRAILER MOUNTED ATTENUATOR
  - PCMS PORTABLE CHANGEABLE MESSAGE SIGN (SEE NOTE 15)

POSTED SPEED (MPH)	TAPER LENGTHS (FT)		TANGENT W=12 FT (L/2)	BARRIER FLARE RATE (MINIMUM)	MINIMUM BUFFER SPACE LENGTH (FT)	MAXIMUM CHANNELIZING DEVICE SPACING (FT)	
	SHOULDER W=8 FT (L/3)	MERGING 12 FT LANE (L)				TAPER (S)	TANGENT (2S)
25	28	130	65	1/9	155	25	50
30	40	180	90	1/9	200	30	60
35	55	250	125	1/9	250	35	70
40	72	310	155	1/9	305	40	80
45	120	540	270	1/9	360	45	90

TAPER RATES ARE DETERMINED USING THE FOLLOWING EQUATION:  
 $L = WS$  FOR POSTED SPEEDS OF 45 MPH OR GREATER  
 $L = WS^2/60$  FOR POSTED SPEEDS OF 40 MPH OR LESS  
 L = MINIMUM LENGTH OF TAPER  
 W = WIDTH OF OFFSET IN FEET. (TYPICAL)  
 S = POSTED SPEED IN MPH



PROJECT NAME: MILTON-HIGHGATE  
 PROJECT NUMBER: IM MEMB(26)  
 FILE NAME: ...06-br 85 traffic ctrl.dgn PLOT DATE: 5/4/2011  
 PROJECT LEADER: G. BOGUE DRAWN BY: E. ALLING  
 DESIGNED BY: E. ALLING CHECKED BY: T. KNIGHT  
**BR. 85 TRAFFIC CONTROL PLAN TC-2** SHEET 9 OF 70

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