

REV. 1-30-85: REDREW SHEET. CHANGED MINIMUM OFFSET ON ALL SIGNS AND NOTE. ADDED EXIT PANEL MOUNTING DETAIL, 3 -3 L/3 ADDITIONAL PANEL MOUNTING DETAIL. AND ADDITIONAL PANEL MOUNTING DETAIL, AND SHOULDER INSTALLATION RAMPS AND CROSSROADS. CHANGED MINIMUM MOUNTING HEIGHT, ELIMINATED SECONDARY SIGN AND ADDED BREAKAWAY TO THREE POST MOUNTED SIGN. ADDED GUARDRAILTO SHOULDER INSTALLATION TWO POST MOUNTED SIGN. ADDED FILL SLOPE DETAIL TO 30' LATERAL CLEARANCE. ELIMINATED TYPICAL CORE SIGN. LOCATION. GORE SIGN LOCATION. REV. 12-7-90: REDREW AND REORGANIZED SHEET. NUMBERED ALL GENERAL NOTES
AND FOOTNOTES. ADDED FOOTNOTE NO. (3). MODIFIED EXIT PANEL MOUNTING DETAILS ON THIS SHEET. REV. 8-16-91: CHANGED MINIMUM DIMENSION IN FOOTNOTE NO. 3 FROM 7'-0" TO 7'-6". REV. 5-27-03: CORRECTED GENERAL NOTE REV. 11-1-11: REVISED SHOULDER INSTALLATION HEIGHT FOR FREEWAYS AND ADDED GENERAL NOTE G REV. 6-10-14: ADDED CLEAR HEIGHT TABB. MODIFIED DETAILS AND NOTES. EDGE OF PAVED SHOULDER SEE ROADWAY PLANS SHOULDER INSTALLATION FOR THREE POST MOUNTED SIGN BEHIND GUARDRAIL (SEE FOOTNOTE (1)) MEDIAN — PAVEMENT EDGE CLEAR HEIGHT OF SIGN (C)

NOTE: SIGNS SHALL NORMALLY BE ERECTED SO THAT THE SIGN FACE IS TRULY VERTICAL AND AT 93° AWAY FROM THE CENTER OF THE LANE WHICH THE SIGN SERVES AND THE DIRECTION OF TRAVEL, WHERE LANES DIVIDE OR ARE ON CURVES, SIGN FACES SHALL BE ORIENTED SO AS TO BE MOST EFFECTIVE BOTH DAY AND NIGHT AND TO AVOID THE POSSIBILITY OF SPECULAR REFLECTION.

FDGE OF PAVED SHOULDER -

PARALLEL WITH TRAFFIC

AND PAVEMENT EDGE

REFLECTORIZED SIGN

PAVEMENT EDGE

7 ANGLE - 93°

ORIENTATION-

ANGLE OF REFLECTORIZED SIGN TO APPROACHING TRAFFIC DETAIL (SEE FOOTNOTE (7))

FREEWAY

5′

7′

RURAL (8)

URBAN

LEGEND

W-HEIGHT OF SIGN FACE L-LENGTH OF SIGN FACE R-RADIUS OF BORDER E-HEIGHT OF AUXILIARY EXTRUDED PANELS H-HEIGHT OF SIGN SUPPORT C-CLEAR HEIGHT TO BOTTOM OF SIGN

- (A) THE LAYOUTS SHOWN ON THIS PAGE ARE TYPICAL FOR ALL SIGNS ERECTED ON THE FREEWAY SYSTEM AND WITHIN THEIR RESPECTIVE INTERCHANGE AREAS, UNLESS OTHERWISE SPECIFIED IN THE ROADWAY PLANS FOR A SPECIFIC PROJECT.
- (B) ALL SIGNS SHALL BE ERECTED SO THAT THE INSIDE EDGE OF THE PROPOSED SIGN OR ITS ASSEMBLY IS A MINIMUM OF SIX FEET BEYOND THE EDGE OF PAVED SHOULDER OR TWO FEET FROM THE BACK FACE OF THE CURB.
- WHEN ANAUXILIARY SIGN IS MOUNTED BELOW THE MAJOR SIGN, THE MAJOR SIGN OR ITS ASSEMBLY SHALL BE ERECTED AT LEAST EIGHT FEET ABOVE THE EDGE OF PAVED SHOULDER AND THE AUXILIARY SIGN SHALL BEERECTED AT LEAST FIVE FEET ABOVE THE EDGE OF PAVED SHOULDER.
- E ALL SIGNS MOUNTED IN URBAN AREAS OR OTHERWISE MOUNTED ADJACENT TO A SIDEWALK SHALL BE A MINIMUM 7 FEET OF CLEAR HEIGHT IN RURAL AREAS WITHOUT SIDEWALK THE MINIMUM CLEAR HEIGHT MAY BE 5 FEET.
- F THE CLEAR HEIGHT SHALL BE MEASURED VERTICAL TO THE TOP OF THE SIDEWALK OR, IN THE ABSENCE OF SIDEWALK, MINIMUM OF FIVE FEET ABOVE THE EDGE OF PAVED SHOULDER.
- © SEE SECTIONS 2A.18 THROUGH 2A.23 OF THE MUTCD FOR ADDITIONAL INFORMATION.
- (H) SIGN SUPPORTS INSTALLED WITHIN THE CLEAR ZONE SHALL BE BENDAWAY, HAVE A BREAKAWAY SIGN HARDWARE (PER OPL) OR BE SHIELDED BY BARRIER.

FOOTNOTES

- SEE SIGN SCHEDULE SHEET IN THE PLANS FOR DIMENSIONS E, L, H, H1, H2, H3, R, AND W.
- SEE SIGN SCHEDULE SHEET FOR WIDTH OF BORDER.
- THIS DIMENSION SHALL BE A MINIMUM OF SEVEN FEET SIX INCHES WHEN USING POST SIZE OF W6 X 15 OR LARGER.
- MIN DISTANCE OF FOUR FEET IS TO BE USED BEHIND GUARDRAIL
- DISTANCE OF TWENTY FEET IS DESIRABLE ON FREEWAYS AND EXPRESSWAYS.
- DISTANCE OF TWO FEET MINIMUM IS TO BE USED ON URBAN STREETS WITH CURB AND GUTTER SECTIONS.
- ANGLE OF REFLECTORIZED SIGN TO APPROACHING TRAFFIC DETAIL DOES NOT APPLY WHEN PROPOSED SIGNS ARE SET BACK THIRTY FEET OR MORE. SIGNS ON TANGENTS THAT ARE SET BACK THIRTY FEET OR MORE FROM THE EDGE OF PAVEMENT SHALL BE ORIENTED AT NINETY DEGREES.
- 8 IF SIGN IS PLACED ADJACENT TO SIDEWALK USE URBAN CLEAR HEIGHT.

MINOR REVISION -- FHWA APPROVAL NOT REQUIRED.

STATE OF TENNESSEE DEPARTMENT OF TRANSPORTATION

> STANDARD LAYOUT GROUND MOUNTED

SIGNS I-S-9 1-19-96

EXTRUDED

PANELS

EXIT PANEL MOUNTING DETAIL ITEM NO. 713-17.02, INSTALL AUXILIARY SUPPORT FOR EXIT NUMBER PANEL PER EACH (INCLUDES THE COST OF AUXILIARY SUPPORTS

AND POST CLIPS).

SIGN SUPPORTS

(SPACING VARIES)

EXTRUDED

ADDITIONAL PANEL MOUNTING DETAIL (WHERE REQUIRED)

(SPACING VARIES)

CLIPS).

EXISTING_ EXTRUDED PANELS SIGN SUPPORTS

ITEM NO. 713-17.03, INSTALL AUXILIARY SUPPORT ON EXISTING SIGN PER EACH (INCLUDES THE COST OF AUXILIARY SUPPORTS AND POST

EXTRUDED PANELS