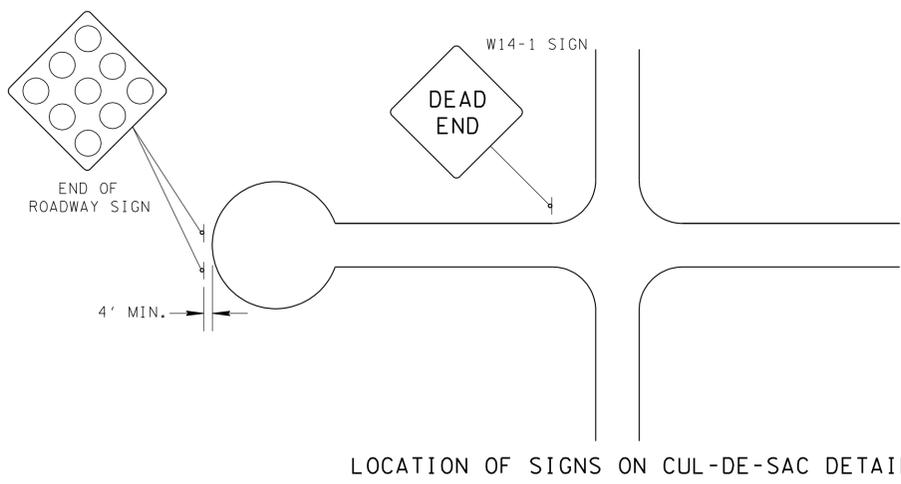
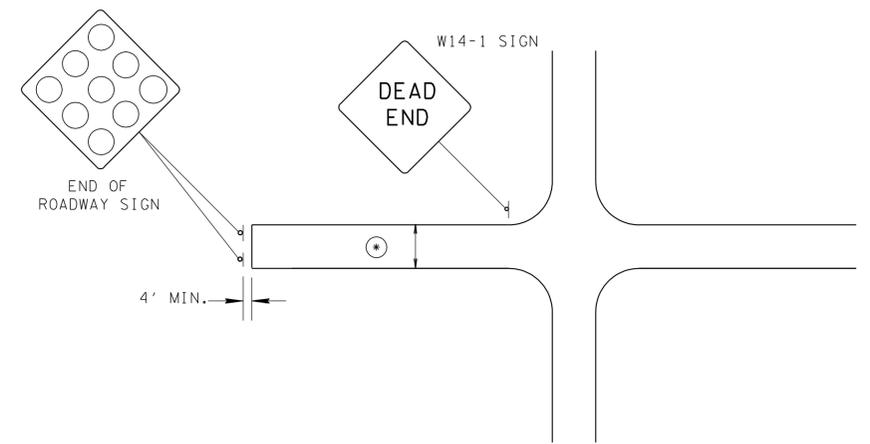


REV. 1-11-82: METAL BARRICADES DETAIL ADDED.  
 REV. 12-12-83: CONNECTION DETAIL STEEL "U"-POST CHANGED.  
 REV. 4-16-84: ADDED WORK ZONE SPEED ADVISORY SIGN DETAILS AND NOTES.  
 REV. 10-15-90: REDREW SHEET. CHANGED MINIMUM DEPTH OF "U"-POST IN GROUND FROM 3'-0" TO 3'-6". ELIMINATED REFERENCE TO PERFORATED SQUARE TUBE POST ALTERNATE.  
 REV. 11-11-96: IN DETAIL FOR METAL BARRICADE (TYPE III) CHANGED TYPE OF SHEETING FROM TYPE 2 TO TYPE 3.  
 REV. 5-27-99: CHANGED REFERENCE TO REFLECTIVE SHEETING MATERIAL USED ON TYPE III BARRICADES.  
 REV. 5-27-01: CHANGED DESCRIPTION IN ITEM NO. 713-16.07.

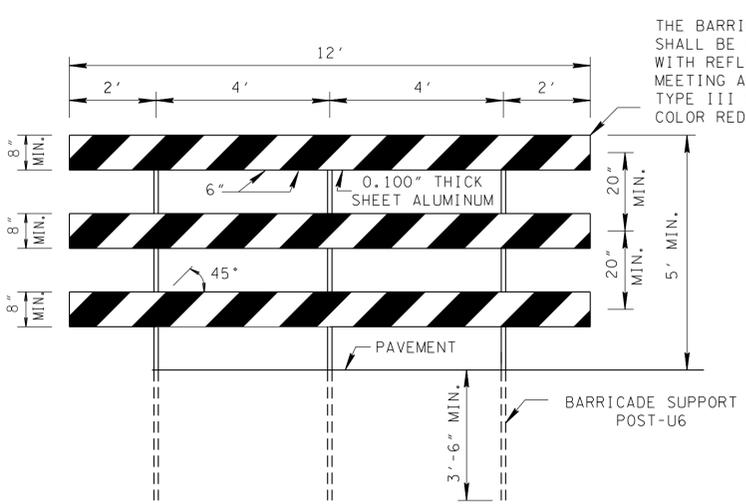


LOCATION OF SIGNS ON CUL-DE-SAC DETAIL



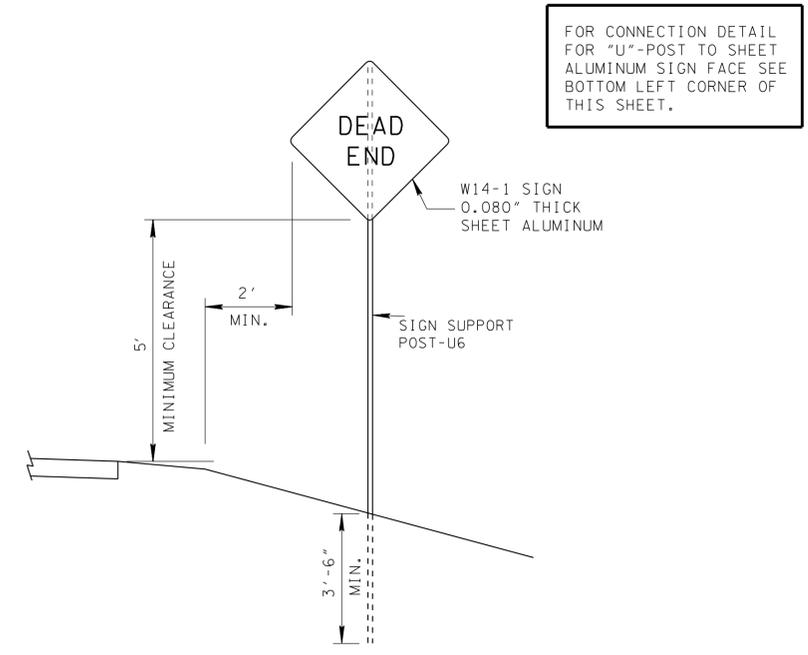
LOCATION OF SIGNS ON END OF ROADWAY DETAIL

⊙ FOR LESS THAN 18 FEET USE ONLY ONE (1) END OF ROADWAY SIGN



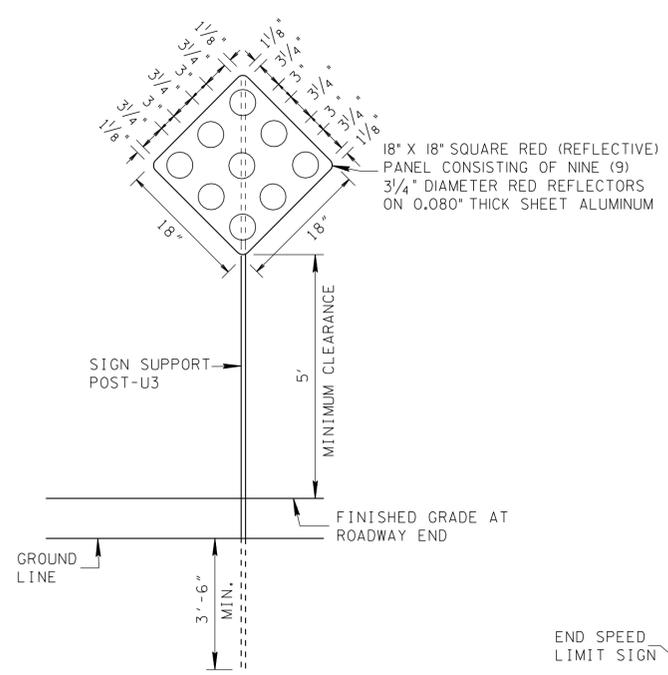
METAL BARRICADE (TYPE III) PERMANENT INSTALLATION DETAIL

THE BARRICADE RAILS SHALL BE COVERED WITH REFLECTIVE SHEETING, MEETING ASTM D4956-04, TYPE III SPECIFICATION, COLOR RED/WHITE



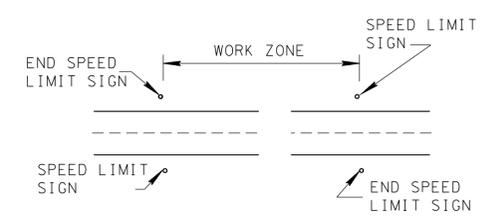
TYPICAL DEAD END SIGN AND SUPPORT DETAIL

NOTE: DEAD END SIGN AND SUPPORT, ITEM 713-16.06 WILL BE MEASURED FOR PAYMENT BY THE UNIT (EACH) COMPLETE IN PLACE. THIS PAY ITEM SHALL INCLUDE THE FURNISHING AND INSTALLING OF THE SIGNS, SUPPORT, AND HARDWARE

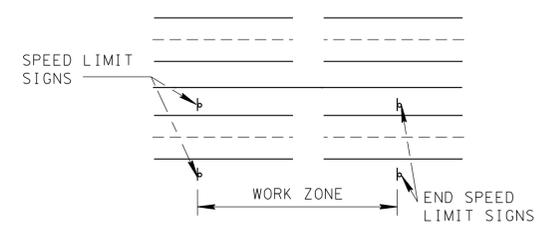


TYPICAL END OF ROADWAY SIGN AND SUPPORT DETAIL

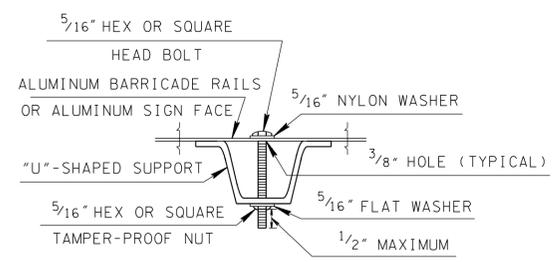
NOTE: END OF ROADWAY SIGN AND SUPPORT, ITEM 713-16.07 WILL BE MEASURED FOR PAYMENT BY THE UNIT (EACH) COMPLETE IN PLACE. THIS PAY ITEM SHALL INCLUDE THE FURNISHING AND INSTALLING OF THE SIGNS, REFLECTORS, SUPPORT, AND HARDWARE.



TWO-LANE ROADWAY SIGN PLACEMENT DETAIL

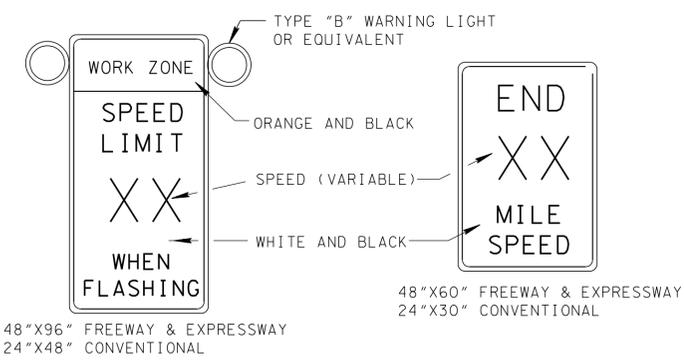


MULTI-LANE DIVIDED ROADWAY SIGN PLACEMENT DETAIL



CONNECTION DETAIL FOR "U" POST

NOTE: NUTS TO BE TIGHTENED TO A SNUG FIT ONLY.



WORK ZONE SPEED LIMIT SIGN DETAILS

METAL BARRICADE (TYPE III) GENERAL NOTES

- M1 METAL BARRICADE (TYPE III), ITEM NO. 713-15.35, WILL BE MEASURED FOR PAYMENT BY THE UNIT (EACH) COMPLETE IN PLACE. THE PAY ITEM SHALL INCLUDE THE FURNISHING AND INSTALLING OF THE BARRICADE RAILS, VERTICAL "U6" POST SUPPORTS (MINIMUM LENGTH 8'-6") AND HARDWARE.
- M2 THE "ROAD CLOSED" SIGN (R11-2) SHALL BE MOUNTED ON THE BARRICADE AS DIRECTED BY THE ENGINEER. THE COST OF FURNISHING AND INSTALLING THE VERTICAL "U6" POST SUPPORT AND MOUNTING THE SIGN AND HARDWARE NECESSARY TO ATTACH IT IS TO BE INCLUDED IN THE PRICE BID FOR ITEM NO. 713-15.35, METAL BARRICADE (TYPE III). THE SIGN FACE WILL BE PAID FOR UNDER ITEM NO. 713-13.03, FLAT SHEET ALUMINUM SIGNS (0.100" THICK).
- M3 IN THE EVENT THAT MORE THAN ONE (1) BARRICADE IS REQUIRED AT A LOCATION, ONLY ONE (1) "ROAD CLOSED" SIGN SHALL BE INSTALLED. IT SHOULD BE LOCATED APPROXIMATELY AT THE CENTER LINE OF THE ROADWAY TO BE CLOSED.

WORK ZONE SPEED LIMIT SIGN GENERAL NOTES

- W1 IN ADDITION TO THE WORK ZONE SIGNING REQUIRED TO BE INSTALLED AS PART OF THE CONTRACT, THE CONTRACTOR MAY, UPON WRITTEN REQUEST APPROVED BY THE PROJECT ENGINEER IN WRITING, POST SPECIAL REGULATORY SPEED LIMIT SIGNS IN THE IMMEDIATE AREA OF ACTIVE CONSTRUCTION. WHERE SPECIAL REGULATORY SPEED LIMIT SIGNS ARE EMPLOYED, THE CONTRACTOR SHALL ALSO INSTALL SIGNS INDICATING THE END OF THE SPECIAL SPEED ZONE.
- W2 THE SIGNS SHALL BE DISPLAYED ONLY DURING THE PERIODS WORKERS ARE PRESENT. WHEN WORKERS ARE NOT PRESENT, THE CONTRACTOR SHALL COVER OR REMOVE THE SIGNS.
- W3 THE CONTRACTOR SHALL COVER ANY EXISTING SPEED LIMIT SIGNS LOCATED WITHIN THE SPECIAL SPEED ZONE WITH THE SPECIAL SPEED LIMIT.
- W4 THE SPECIAL SPEED ZONE SHOULD NORMALLY NOT EXCEED 2500 FEET IN LENGTH.
- W5 THE SPEED LIMIT DISPLAYED SHALL MATCH THE POSTED ADVISORY SPEED OR, IF NONE, MAY REFLECT A 10 MILE PER HOUR REDUCTION IN THE NORMAL POSTED SPEED LIMIT.
- W6 ON DIVIDED HIGHWAYS, THE CONTRACTOR SHALL ALSO INSTALL SPECIAL SPEED LIMIT AND END SPECIAL SPEED ZONE SIGNS WITHIN THE MEDIAN.

MINOR REVISION -- FHWA APPROVAL NOT REQUIRED.

STATE OF TENNESSEE  
 DEPARTMENT OF TRANSPORTATION

END OF ROADWAY AND DEAD END SIGNS, METAL BARRICADES (TYPE III) & WORK ZONE SPEED SIGNS