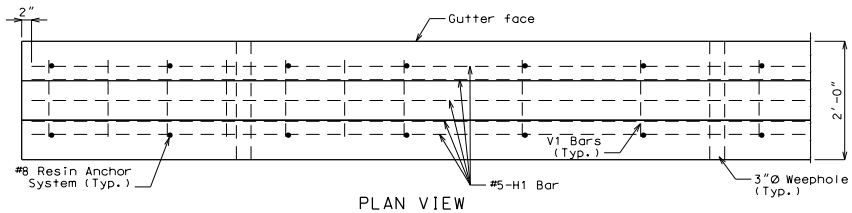
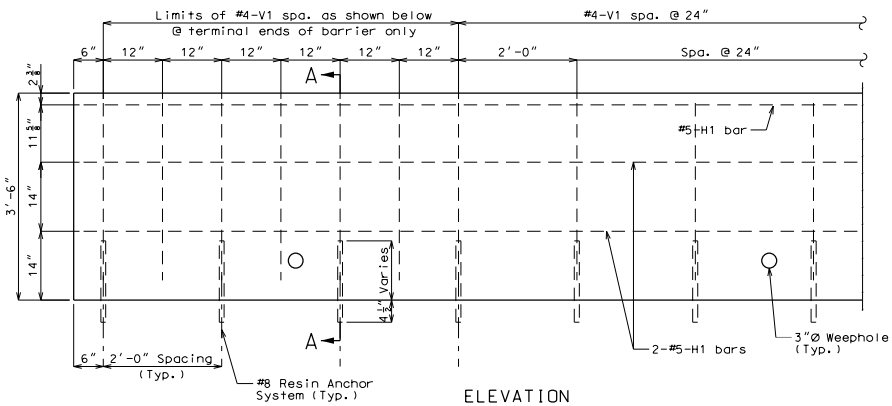
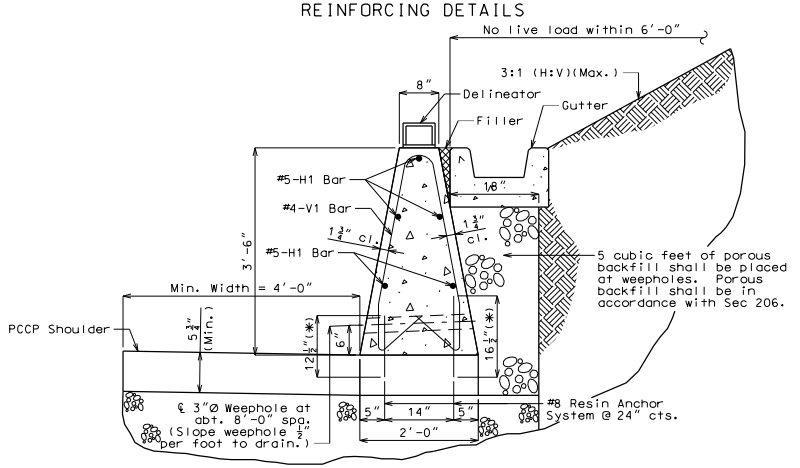


PLAN VIEW
Note: Gutter not shown for clarity.



ELEVATION
REINFORCING DETAILS



(*) Embed anchor 4 1/2" below PCCP shoulder.

SECTION A-A
(FOR SLOPING AND NONSLOPING BACKSLOPE)

General Notes:

Concrete shall be Class B f'c = 4,000 psi.

All reinforcement shall be Grade 60 epoxy coated.

Angle of internal friction, $\phi f \geq 27°$ for backfill material.

Minimum clearance to reinforcing steel shall be 1 1/2 ", unless otherwise shown.

Bar splices shall be a minimum of 24 times the nominal diameter or the bar.

Any method devised by the contractor and approved by the engineer that will assure the longitudinal reinforcing steel will be positioned ±1/2 inch as dimensioned will be satisfactory.

The contractor has the option to slip-form the barrier. In which case, additional reinforcement may be tied to the upper two-thirds fo the reinforcing cage to provide bracing.

This barrier shall not be used to support highway lighting poles.

This barrier shall not be used for Bridge roadway applications.

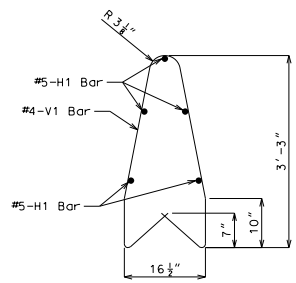
Sawed joints shall be spaced at 15'-0". See Missouri Standard Plans for sawed joint detail.

Type C barrier modified retaining wall with nonmoment slab shall be used only at locations shown on plans.

For delineator details, see Sheet No. 1 of the Missouri Standard Plan 617.10.

Resin Anchor System shall be drilled in the pavement.

When curb height exceeds 42" or slope exceeds 3:1 (H:V) or live load is within 6'-0", contact Bridge Division for special design.



Part Section of
#4-V1 Bar

TYPE C CONCRETE TRAFFIC BARRIER
(MODIFIED RETAINING WALL)
(NONMOMENT SLAB)

Note: This drawing is not to scale. Follow dimensions.

SPECIAL SHEET

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE PREPARED	
6/29/2011	
ROUTE	STATE
*	MO
DISTRICT	SHEET NO.
BR	*
COUNTY	
*	
JOB NO.	
*	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

Type_C_Modified_Retaining_Wall_Special_6-29-11.dgn 2:44:34 PM 6/29/2011