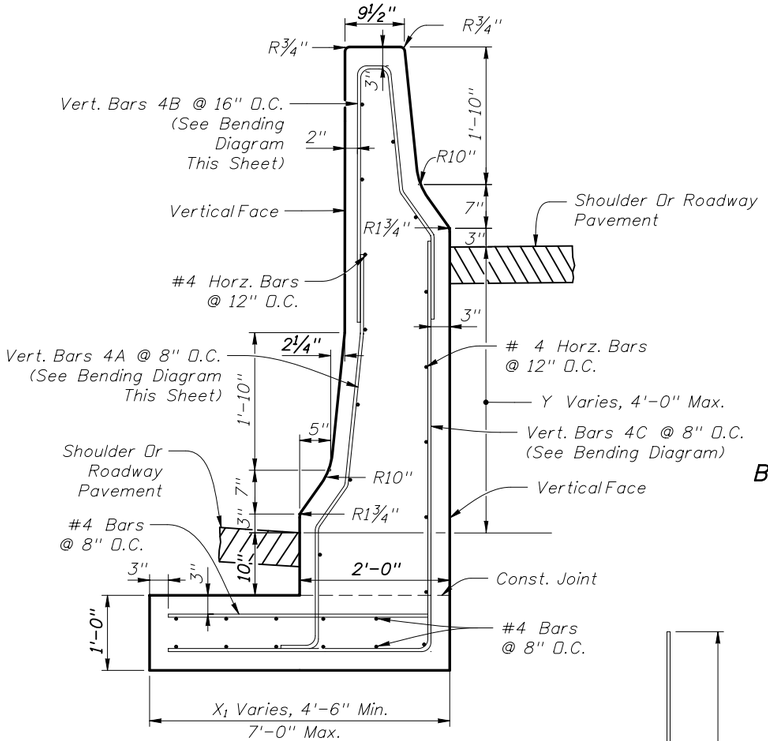
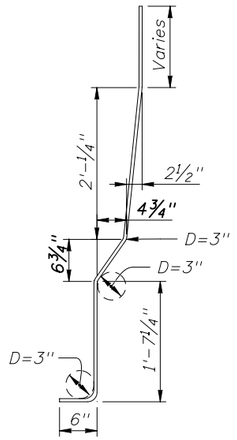
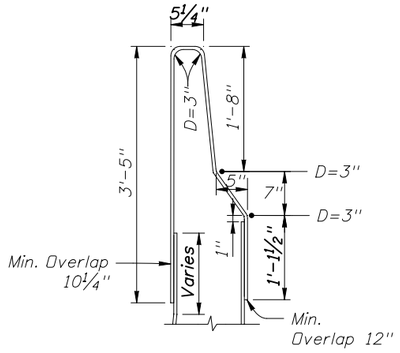
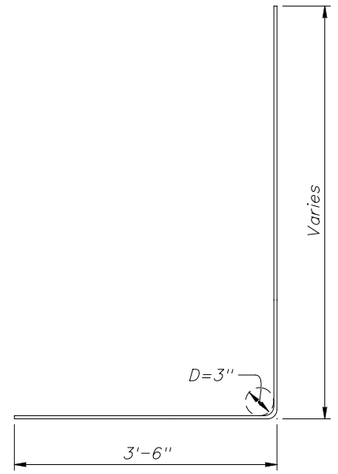


L-WALL
BAR 4A BENDING DIAGRAM

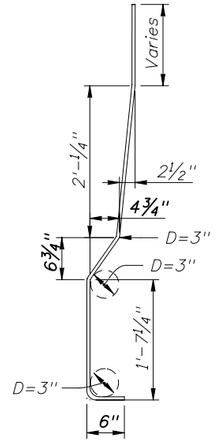




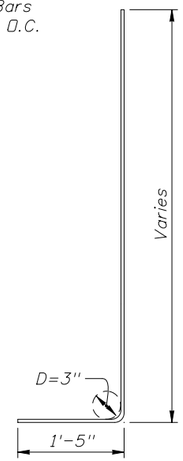
L-WALL & CANTILEVER WALL
BAR 4B BENDING DIAGRAM



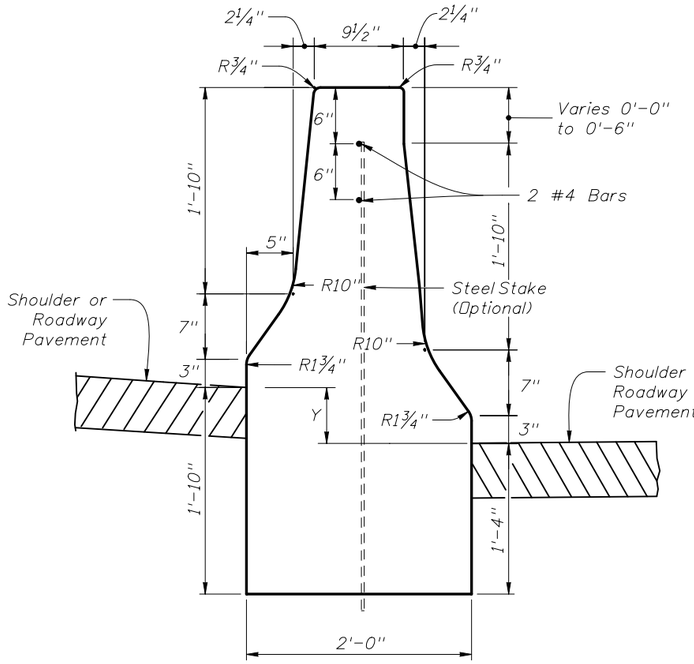
L-WALL
BAR 4C BENDING DIAGRAM



CANTILEVER WALL
BAR 4D BENDING DIAGRAM

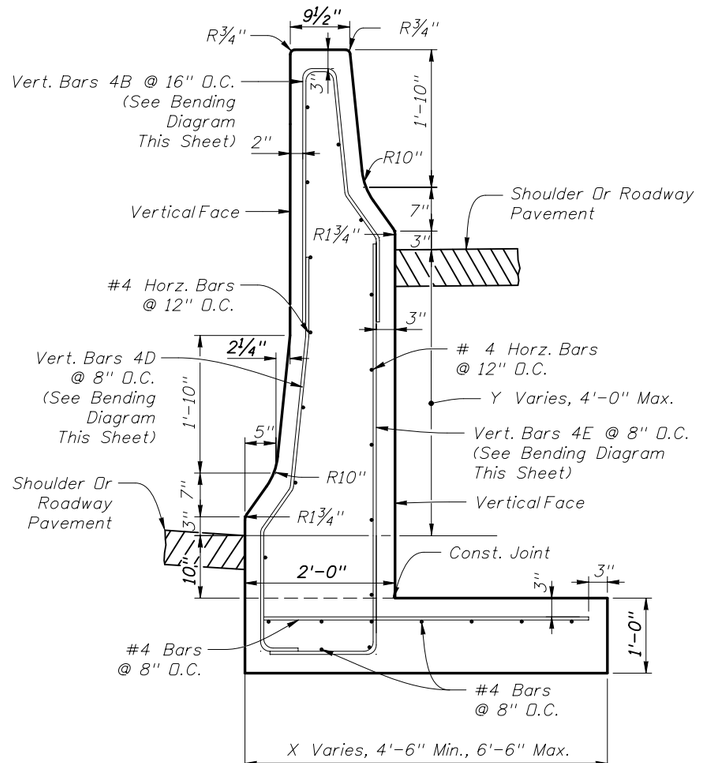


CANTILEVER WALL
BAR 4E BENDING DIAGRAM



F-SHAPE MEDIAN BARRIER
WHEN Y IS LESS THAN OR EQUAL TO 6 INCHES

MEDIAN BARRIER WALL FOR SUPERELEVATED SECTIONS
OR FOR VARIABLE ROADWAY PROFILE GRADES



CANTILEVER WALL
SUPERELEVATED SECTION

Design Criteria:

NCHRP report 350 Test Level (TL-4) Vehicle: 8000S, 50 mph, 25°, Avg. Lat. Impact.

Vehicle force: 54 kips Horiz.; 18 kips Vert. at 32" above pavement.

Unless the plans stipulate a specific wall type, either the cantilever wall or the "L" wall may be constructed at the Contractor's option.

Cost of the footing to be included in the contract unit price for Median Concrete Barrier Wall, LF.

"L" Wall	Height Y	1'-0"	1'-6"	2'-0"	2'-6"	3'-0"	3'-6"	4'-0"
	Width X_1	5'-0"	5'-3"	5'-6"	5'-9"	6'-0"	6'-6"	7'-0"
Min. Segment Wall Length		46'	44'	42'	41'	39'	36'	33'

Cantilever Wall	Height Y	1'-0"	1'-6"	2'-0"	2'-6"	3'-0"	3'-6"	4'-0"
	Width X	5'-0"	5'-3"	5'-6"	5'-9"	6'-0"	6'-3"	6'-6"
Min. Segment Wall Length		39'	35'	32'	29'	26'	24'	22'

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
07/01/10	MTP	Changed: A portion of the face that varies from 0-6" to a vertical segment on the F-Shape Median Barrier.			

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CONCRETE BARRIER WALL

Interim Date 07/01/10

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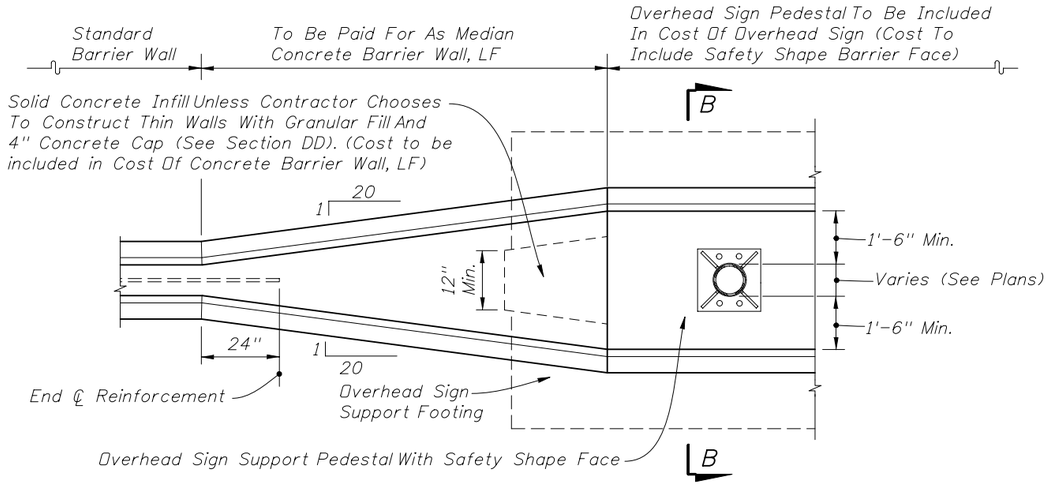
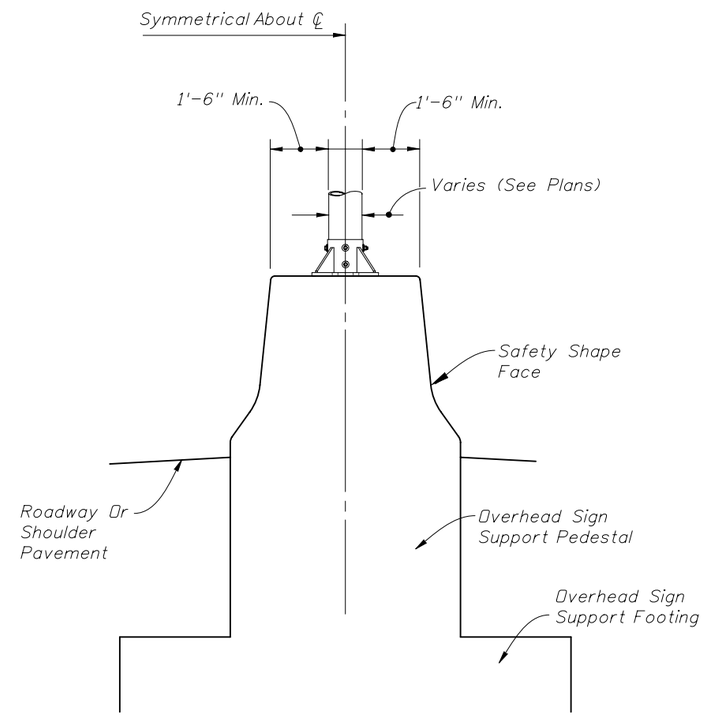
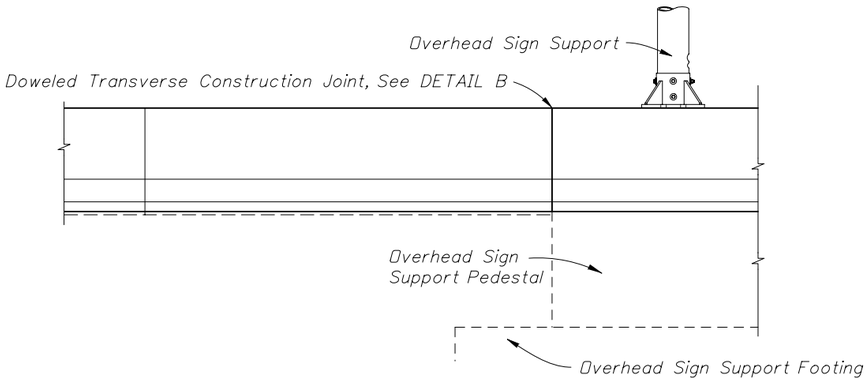


PLAN



SECTION BB



ELEVATION

CONCRETE MEDIAN BARRIER WALL TRANSITIONS AT OVERHEAD SIGN SUPPORTS

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
07/01/10	MTP	Deleted: Section CC & DD, along with the Plan and Elevation views for the Independent Barrier and Sign Pedestal			

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2010 Interim Design Standard

CONCRETE BARRIER WALL

Interim Date	Sheet No.
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