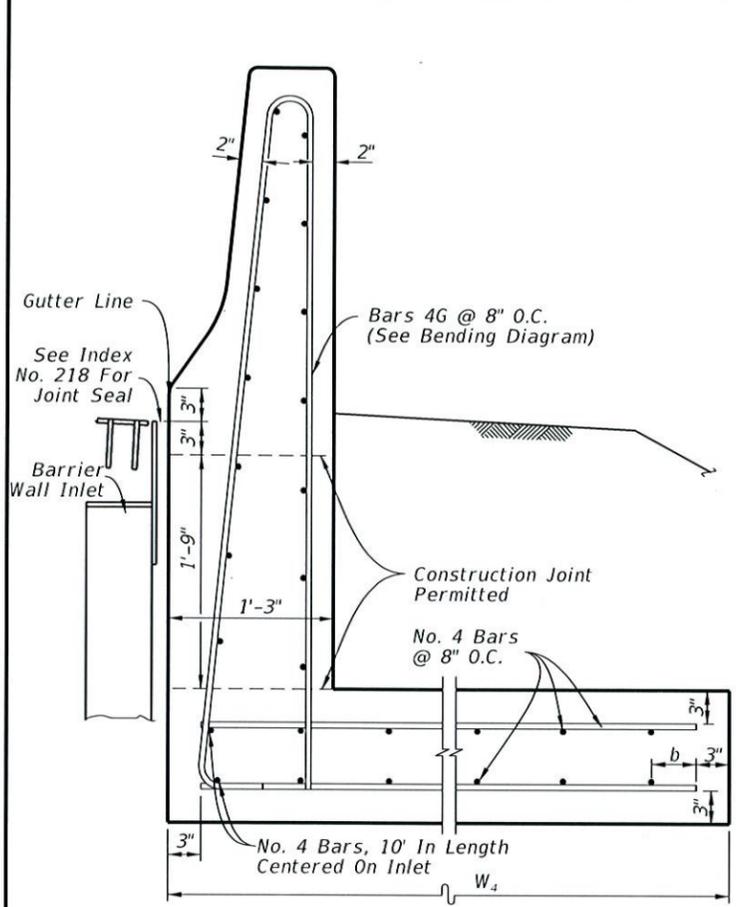
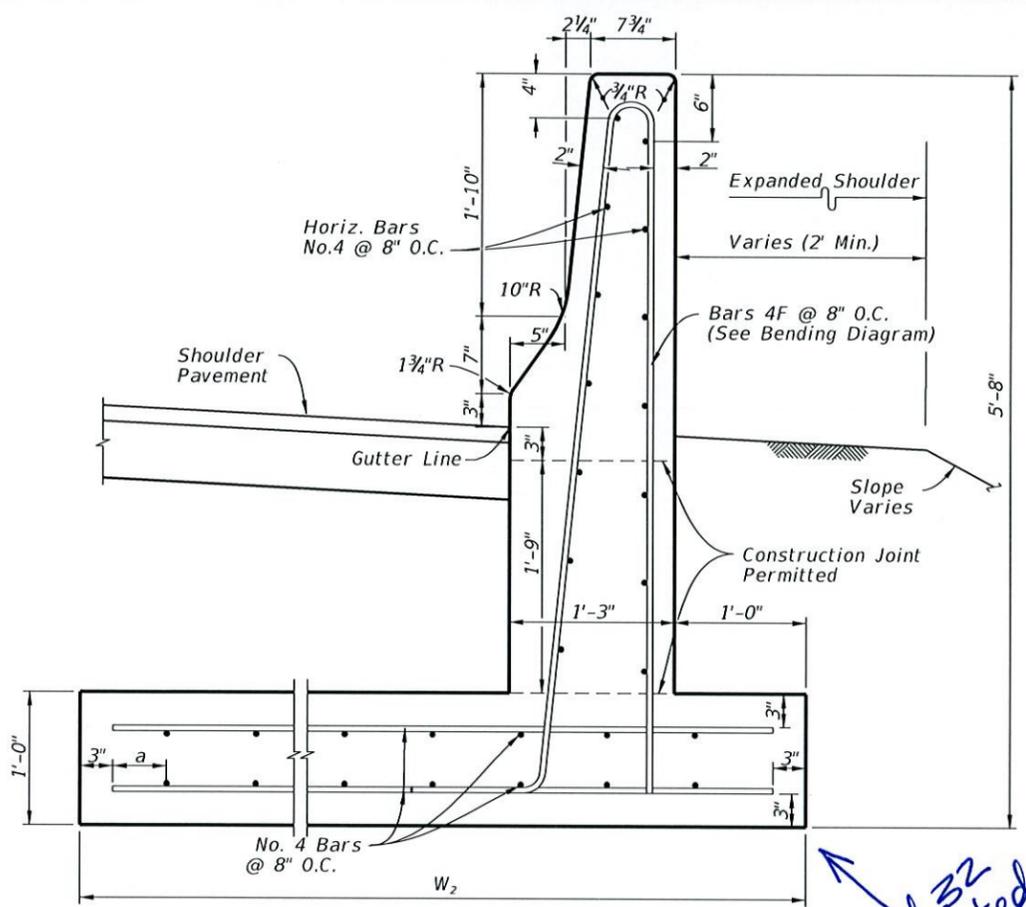


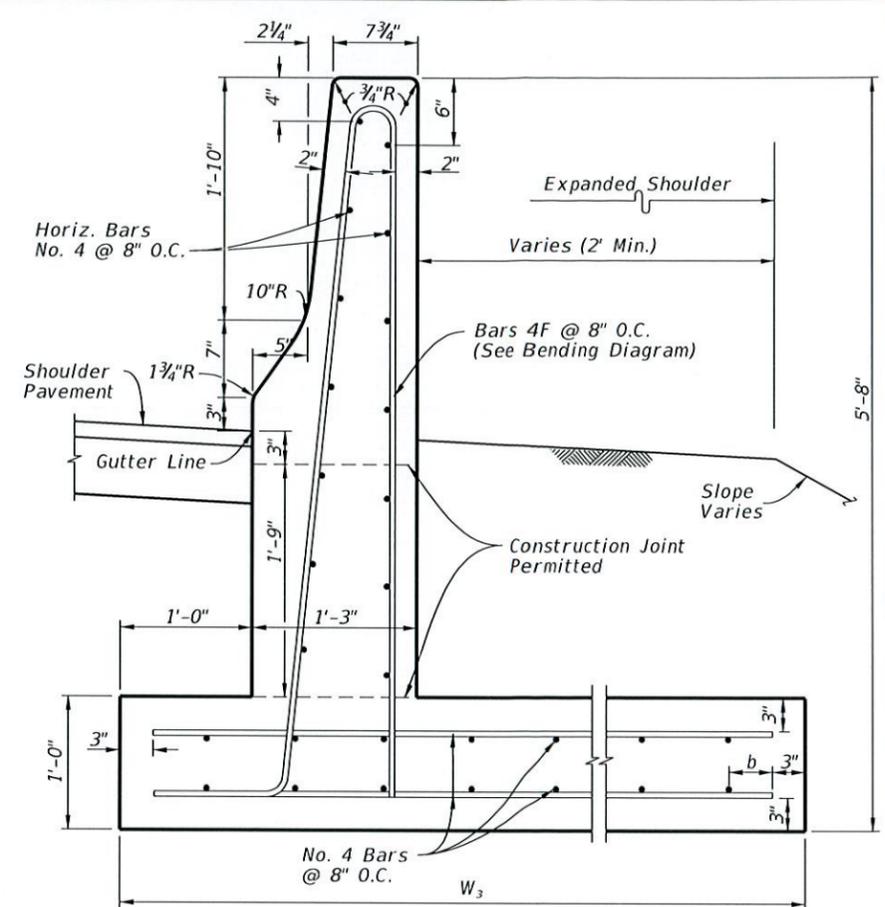
C:\projects\standard\roadway\00400-s\00410-07 of 25.dgn
rd960rh
9:59:07 AM
6/28/2012



REINFORCING STEEL MODIFICATIONS AT BARRIER WALL INLETS (INDEX NO. 218)

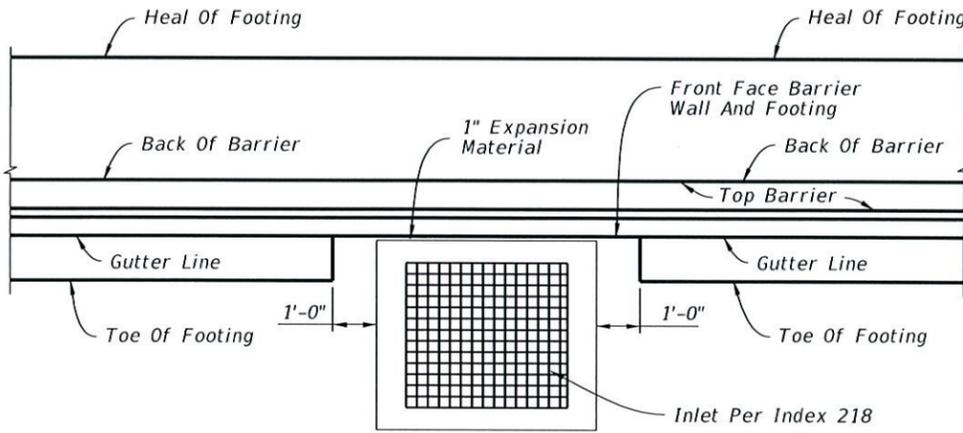


NOTE: All longitudinal reinforcement #4 bars.
CANTILEVER WALL



NOTE: All longitudinal reinforcement #4 bars.
L-WALL

Wall 32 constructed as per this design



BARRIER WALL FOOTING TRANSITION AT INLETS PLAN VIEW

- GENERAL NOTES:**
1. Reduce the vertical steel spacing to 4 inches O.C. a distance of 4 feet each side of all cold joints.
 2. This barrier wall has been structurally evaluated to be equivalent or greater in strength to other safety shapes which have been crash tested to NCHRP Report 350 TL-4 criteria.
 3. Wall to be paid for under the contract unit price for Shoulder Concrete Barrier Wall (Rigid-Shoulder), LF.

DIMENSIONS AND QUANTITIES										
CANTILEVER WALL					L-WALL					
Length* Of Barrier Wall (LF)	W ₂ (LF)	a	Class II Conc. CY Per LF	Rein. Steel Lbs. Per LF	Length* Of Barrier Wall	W ₂ (LF)	W ₃ (LF)	b	Class II Conc. CY Per LF	Rein. Steel Lbs. Per LF
≥ 65'	3'-3"	5"	0.30	31	≥ 60'	3'-6"	2'-6"	7"	0.31	32
57' to 64'	3'-9"	3"	0.32	33	50' to 59'	4'-0"	3'-0"	5"	0.33	34
50' to 56'	4'-3"	3"	0.33	35	40' to 49'	4'-9"	3'-9"	6"	0.35	37
41' to 49'	5'-0"	7"	0.36	38	35' to 39'	5'-3"	4'-3"	4"	0.37	39
36' to 40'	5'-6"	5"	0.38	40	30' to 34'	5'-9"	4'-9"	2"	0.39	42
28' to 35'	6'-6"	3"	0.42	44	25' to 29'	6'-6"	5'-6"	3"	0.42	44
25' to 27'	7'-0"	7"	0.44	46	20' to 24'	7'-6"	6'-6"	2"	0.45	49

Quantities shown are for information only. For method of payment see payment note. Barrier wall inlets (Index 218) shall be isolated from the barrier wall stem and footing by 1" expansion material.
* All walls may be made up of segments of 20' or more in length provided the segments are joined by a transverse joint in accordance with Detail B. Segments shall have dimensions same as walls above.

REINFORCED CONCRETE BARRIER WALL (SHOULDER)