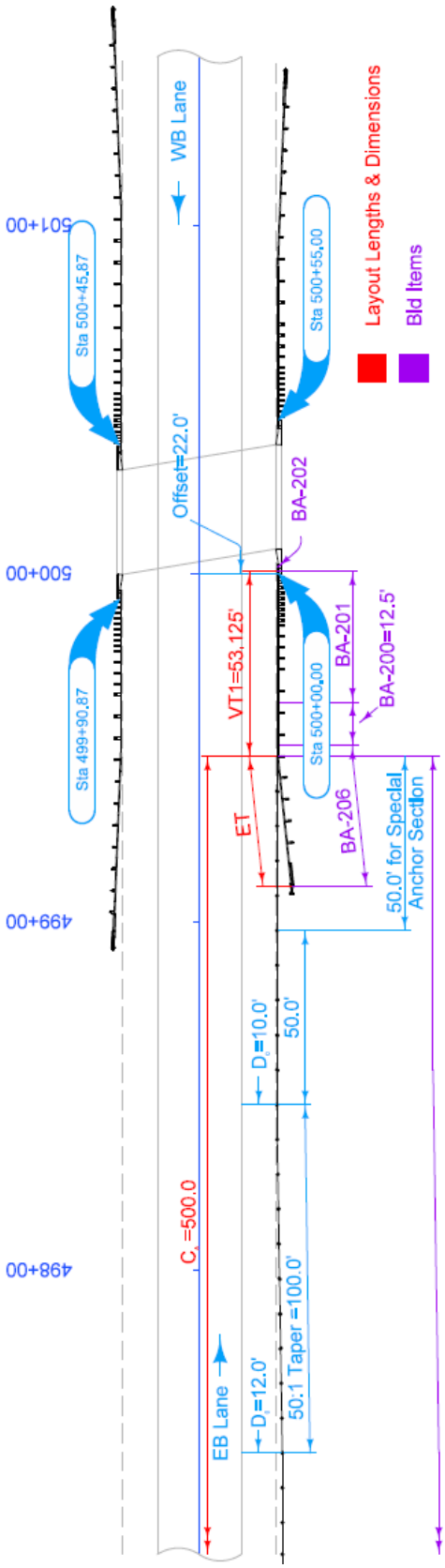
High Tension Cable Guardrail Attached to Steel Beam Guardrail (Case 1) (BA-250 and BA-351)



108-8A
10-16-18

STEEL BEAM GUARDRAIL AT CONCRETE BARRIER OR BRIDGE RAIL END SECTION

Possible Standards: BA-200, BA-201, BA-202, BA-205, BA-206, BA-210, BA-211, BA-221, BA-225, BA-250, BA-260, LS-625, LS-626, LS-630, LS-635, SI-172, SI-173 and SI-211.

(1) Lane(s) to which the obstacle is adjacent.
(2) Not a bid item. Incidental to guardrail installation.

No.	Direction of Traffic (1)	Side O = Outside M = Median	Location Station	Offset	Layout Lengths BA-250, BA-260, LS-630, or LS-635 VT1	VF	VT2	ET	Long-Span System BA-211	Delineators and Object Markers (2) SI-211	Delineator SI-172 Type 1 White	Object Marker SI-173 Type 2	Type 3	Bid Items BA-250 or LS-630 Bolted End Anchor	Post Adapter	Steel Beam Guardrail	Barrier Transition Section	End Terminal Tangent	Flared	Tangent	Flared	Barrier Transition Section	End Terminal Tangent	Remarks
				FT	LF	LF	LF	LF	STATION	TYPE	EACH	EACH	EACH	TYPE	EACH	EACH	EACH	BA-205	BA-206	LS-625	LS-626	BA-221	BA-225	
1	WB	O	499+90.87	22.0	53.125			47.7		3			1	A	1		12.5	1	1					
2	EB	O	500+00.00	22.0	53.125			37.5		3			1	A	1		12.5	1		1				(A)
3	WB	O	500+45.87	22.0	65.625	12.50		47.7		3			1	A	1		37.5	1	1					
4	EB	O	500+55.00	22.0	53.125			47.7		3			1	A	1		12.5	1	1					

(A) Connect to No. 3 on Tab 109-9A

108-9A
04-20-10

HIGH TENSION CABLE GUARDRAIL

(1) Lane(s) to which the installation is adjacent.

Refer to BA-351.

No.	Direction of Traffic (1)	Location Station	Side	Dimensions Offset D_o	Approach C_A	Obstacle C_O	Trailing C_T	Bid Items Protection Length (C_A+C_O+C_T)	End Anchor	Remarks
				FT	FT	FT	FT	FT	No.	
1	EB	494+47.48		12.0	300.0			300.0	1	
2	EB	497+47.48		12 - 10	100.0			100.0		
3	EB	498+47.48		10.0	100.0			100.0	1	(A)

(A) Special Anchor Section rrequired. Connect to No.2 on Tab 108-8A