

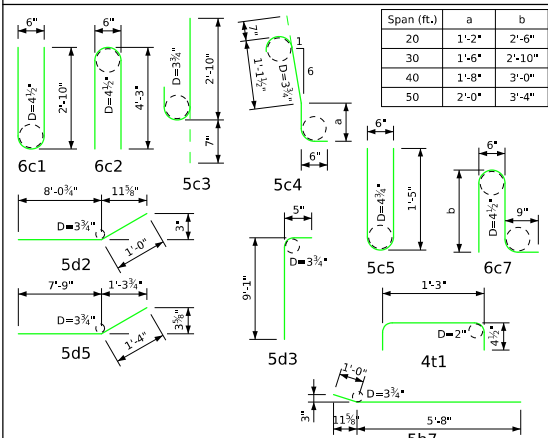
Epoxy Coated Reinforcing Steel - One End Section - Integral Abut.

Bar	Location	Shape	20'-0" Span			30'-0" Span			40'-0" Span			50'-0" Span		
			No.	Length	Weight	No.	Length	Weight	No.	Length	Weight	No.	Length	Weight
6c1	Rail, Vertical		12	5'-11"	107	12	5'-11"	107	12	5'-11"	107	12	5'-11"	107
6c2	Rail, Vertical		5	8'-9"	66	5	8'-9"	66	5	8'-9"	66	5	8'-9"	66
5c3	Rail, Vertical (Traffic Face)		3	3'-5"	11	3	3'-5"	11	3	3'-5"	11	3	3'-5"	11
5c4	Rail, Vertical (Traffic Face)		6	3'-4"	21	6	3'-8"	23	6	3'-10"	24	6	4'-2"	26
5c5	Rail, Vertical		4	3'-3"	14	4	3'-3"	14	4	3'-3"	14	4	3'-3"	14
5c6	Rail, Vertical		8	5'-8"	47	8	5'-8"	47	8	5'-8"	47	8	5'-8"	47
6c7	Rail, Vertical		7	5'-11"	62	7	6'-3"	66	7	6'-5"	67	7	6'-9"	71
5d1	Rail, Horizontal (Back Face)		6	9'-1"	57	6	9'-1"	57	6	9'-1"	57	6	9'-1"	57
5d2	Rail, Horizontal (Traffic Face)		3	9'-1"	28	3	9'-1"	28	3	9'-1"	28	3	9'-1"	28
5d3	Rail, Horizontal (Traffic Face)		3	9'-6"	30	3	9'-6"	30	3	9'-6"	30	3	9'-6"	30
5d4	Rail, Horizontal (Traffic Face)		2	6'-3"	13	2	6'-3"	13	2	6'-3"	13	2	6'-3"	13
5d5	Rail, Horizontal (Top)		2	9'-1"	19	2	9'-1"	19	2	9'-1"	19	2	9'-1"	19
5h5	Rail, Abutment Wing Horizontal		2	4'-0"	8	2	4'-0"	8	2	4'-0"	8	2	4'-0"	8
5h7	Rail, Abutment Wing Horizontal		3	6'-8"	21	3	6'-8"	21	3	6'-8"	21	3	6'-8"	21
4t1	Rail, Abutment Wing Tie Bars		6	2'-0"	8	6	2'-0"	8	6	2'-0"	8	6	2'-0"	8
Integral Abut., Epoxy-Coated Sub Total - LBS.					512			518			520			526

Concrete Placement Summary

Section	Total
Barrier Rail, One End Section	1.0 cu. yd.

Bent Bar Details



Section D-D

(Longitudinal reinforcing extending from standard barrier rail into barrier end section not shown for clarity.)

Note:
Slab and abutment bars are not shown for clarity.
4t1 placement - 3 bars each at top two rows of 5n1/5h7 bars in abutment wing and abutment cap.
Construction joint between top of abutment wing/slab and barrier rail is roughened concrete.
The 6c2, 5c4, 5c6, 6c7, 5h5, 5h7, and 4t1 bars are to be placed with the abutment wing, abutment cap, and slab.
Dashed lines below the top of wing are the abutment wing reinforcing steel.

