



NOTE:
 C.J. indicates a Construction Joint.
 C.C.J. indicates a Control Crack Joint.
 For additional detail of Concrete Traffic Rail, see Std. TR4-1.

ABUTMENT TO ABUTMENT

ABUTMENT TO PIER

PIER TO PIER

CONCRETE TRAFFIC RAIL ELEVATION

TYPE II AND TYPE B P.C. BEAMS
 CONCRETE TRAFFIC RAIL WITH OPENINGS SCHEDULE

SPAN	SPAN TYPE												PIER TO PIER						
	ABUTMENT TO ABUTMENT						ABUTMENT TO PIER												
	S1	N2	N1	N2	N1	N2	S3	N3	N4	CP	N5	N6	S2	S3	N4	CP	N5	N6	
30'	7'-9"	3 Spa. @ 5'-0" = 15'-0"	8	20	6'-3"	7	16	3 Spa. @ 5'-0" = 15'-0"	5	13	4'-0"	5	10	1 Spa. @ 5'-0" = 5'-0"	8	22	4'-0"	5	10
35'	5'-3"	5 Spa. @ 5'-0" = 25'-0"	6	14	10'-0"	10	25	3 Spa. @ 5'-0" = 15'-0"	6	16	4'-0"	5	10	3 Spa. @ 5'-0" = 15'-0"	6	16	4'-0"	5	10
40'	7'-9"	5 Spa. @ 5'-0" = 25'-0"	8	20	6'-3"	7	16	5 Spa. @ 5'-0" = 25'-0"	5	13	4'-0"	5	10	3 Spa. @ 5'-0" = 15'-0"	8	22	4'-0"	5	10
45'	5'-3"	7 Spa. @ 5'-0" = 35'-0"	6	14	10'-0"	10	25	5 Spa. @ 5'-0" = 25'-0"	6	16	4'-0"	5	10	5 Spa. @ 5'-0" = 25'-0"	6	16	4'-0"	5	10
50'	7'-9"	7 Spa. @ 5'-0" = 35'-0"	8	20	6'-3"	7	16	7 Spa. @ 5'-0" = 35'-0"	5	13	4'-0"	5	10	5 Spa. @ 5'-0" = 25'-0"	8	22	4'-0"	5	10

TYPE II AND TYPE B P.C. BEAMS
 CONCRETE TRAFFIC RAIL WITH OPENINGS SR1 BAR LIST

SPAN	EPOXY COATED REINFORCING			SPAN TYPE		
	MARK	SIZE	FORM	LENGTH	NO.	NO.
30'	SR1	#5	BNT.	4'-1"	148	180
35'	SR1	#5	BNT.	4'-1"	152	184
40'	SR1	#5	BNT.	4'-1"	184	216
45'	SR1	#5	BNT.	4'-1"	188	220
50'	SR1	#5	BNT.	4'-1"	220	252

TYPE III AND TYPE C P.C. BEAMS
 CONCRETE TRAFFIC RAIL WITH OPENINGS SCHEDULE

SPAN	SPAN TYPE												PIER TO PIER						
	ABUTMENT TO ABUTMENT						ABUTMENT TO PIER												
	S1	N2	N1	N2	N1	N2	S3	N3	N4	CP	N5	N6	S2	S3	N4	CP	N5	N6	
45'	5'-3"	7 Spa. @ 5'-0" = 35'-0"	6	14	10'-0"	10	25	5 Spa. @ 5'-0" = 25'-0"	6	14	5'-0"	5	13	5 Spa. @ 5'-0" = 25'-0"	5	13	5'-0"	5	13
50'	7'-9"	7 Spa. @ 5'-0" = 35'-0"	8	20	5'-3"	6	14	7 Spa. @ 5'-0" = 35'-0"	5	13	5'-0"	5	13	5 Spa. @ 5'-0" = 25'-0"	8	19	5'-0"	5	13
55'	5'-3"	9 Spa. @ 5'-0" = 45'-0"	6	14	10'-0"	10	25	7 Spa. @ 5'-0" = 35'-0"	6	14	5'-0"	5	13	7 Spa. @ 5'-0" = 35'-0"	5	13	5'-0"	5	13
60'	7'-9"	9 Spa. @ 5'-0" = 45'-0"	8	20	5'-3"	6	14	9 Spa. @ 5'-0" = 45'-0"	5	13	5'-0"	5	13	7 Spa. @ 5'-0" = 35'-0"	8	19	5'-0"	5	13
65'	5'-3"	11 Spa. @ 5'-0" = 55'-0"	6	14	10'-0"	10	25	9 Spa. @ 5'-0" = 45'-0"	6	14	5'-0"	5	13	9 Spa. @ 5'-0" = 45'-0"	5	13	5'-0"	5	13
70'	7'-9"	11 Spa. @ 5'-0" = 55'-0"	8	20	5'-3"	6	14	11 Spa. @ 5'-0" = 55'-0"	5	13	5'-0"	5	13	9 Spa. @ 5'-0" = 45'-0"	8	19	5'-0"	5	13

TYPE III AND TYPE C P.C. BEAMS
 CONCRETE TRAFFIC RAIL WITH OPENINGS SR1 BAR LIST

SPAN	EPOXY COATED REINFORCING			SPAN TYPE		
	MARK	SIZE	FORM	LENGTH	NO.	NO.
45'	SR1	#5	BNT.	4'-1"	188	216
50'	SR1	#5	BNT.	4'-1"	220	252
55'	SR1	#5	BNT.	4'-1"	224	252
60'	SR1	#5	BNT.	4'-1"	256	288
65'	SR1	#5	BNT.	4'-1"	260	288
70'	SR1	#5	BNT.	4'-1"	292	324

NOTE:
 For bar bend, see Std. TR4-1.