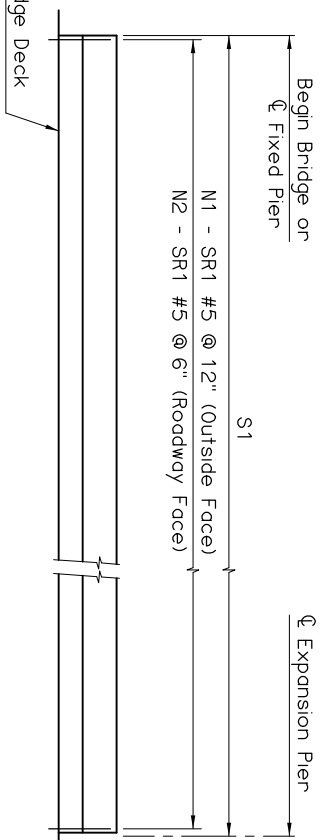
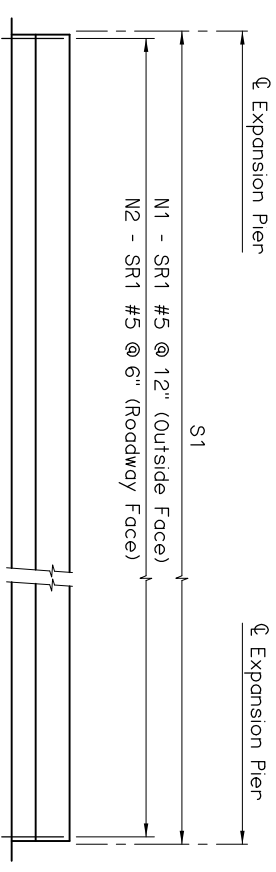


ABUTMENT TO FIXED PIER  
OR  
FIXED PIER TO FIXED PIER



ABUTMENT TO EXPANSION PIER  
OR  
FIXED PIER TO EXPANSION PIER



NOTE:  
For additional detail of  
Concrete Traffic Rail,  
see Std. TR4-1.

EXPANSION PIER TO EXPANSION PIER

**CONCRETE TRAFFIC RAIL ELEVATION**

CONCRETE TRAFFIC RAIL WITHOUT OPENINGS SCHEDULE		SPAN TYPE				
SPAN	ABUTMENT TO PIER		PIER TO PIER			
	S1	N1	N2	S1	N1	N2
30'	30'-10"	32	62	30'-0"	31	61
35'	35'-10"	37	72	35'-0"	36	71
40'	40'-10"	42	82	40'-0"	41	81
45'	45'-10"	47	92	45'-0"	46	91
50'	50'-10"	52	102	50'-0"	51	101
55'	55'-10"	57	112	55'-0"	56	111
60'	60'-10"	62	122	60'-0"	61	121
65'	65'-10"	67	132	65'-0"	66	131
70'	70'-10"	72	142	70'-0"	71	141
75'	75'-10"	77	152	75'-0"	76	151
80'	80'-10"	82	162	80'-0"	81	161
85'	85'-10"	87	172	85'-0"	86	171
90'	90'-10"	92	182	90'-0"	91	181
95'	95'-10"	97	192	95'-0"	96	191
100'	100'-10"	102	202	100'-0"	101	201
105'	105'-10"	107	212	105'-0"	106	211
110'	110'-10"	112	222	110'-0"	111	221
115'	115'-10"	117	232	115'-0"	116	231
120'	120'-10"	122	242	120'-0"	121	241
125'	125'-10"	127	252	125'-0"	126	251

CONCRETE TRAFFIC RAIL WITHOUT OPENINGS SR1 BAR LIST		SPAN TYPE		
SPAN	EPOXY COATED REINFORCING		ABUTMENT TO PIER	PIER TO PIER
	MARK	SIZE FORM LENGTH		
30'	SR1 #5	BNT. 4'-1"	188	184
35'	SR1 #5	BNT. 4'-1"	218	214
40'	SR1 #5	BNT. 4'-1"	248	244
45'	SR1 #5	BNT. 4'-1"	278	274
50'	SR1 #5	BNT. 4'-1"	308	304
55'	SR1 #5	BNT. 4'-1"	338	334
60'	SR1 #5	BNT. 4'-1"	368	364
65'	SR1 #5	BNT. 4'-1"	398	394
70'	SR1 #5	BNT. 4'-1"	428	424
75'	SR1 #5	BNT. 4'-1"	458	454
80'	SR1 #5	BNT. 4'-1"	488	484
85'	SR1 #5	BNT. 4'-1"	518	514
90'	SR1 #5	BNT. 4'-1"	548	544
95'	SR1 #5	BNT. 4'-1"	578	574
100'	SR1 #5	BNT. 4'-1"	608	604
105'	SR1 #5	BNT. 4'-1"	638	634
110'	SR1 #5	BNT. 4'-1"	668	664
115'	SR1 #5	BNT. 4'-1"	698	694
120'	SR1 #5	BNT. 4'-1"	728	724
125'	SR1 #5	BNT. 4'-1"	758	754

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

APPROVED BY BRIDGE ENGINEER *Chad Head* DATE *8/18/03*

OKLAHOMA DEPT. OF TRANSPORTATION  
BRIDGE STANDARD (ENGLISH)  
CONCRETE TRAFFIC RAIL  
WITHOUT OPENINGS  
CONVENTIONAL

1999 SPECIFICATIONS B40-C-TR4-WO OOE B-421E