



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. TR4-2.

EXPANSION PIER TO EXPANSION PIER

CONCRETE TRAFFIC RAIL ELEVATION

CONCRETE TRAFFIC RAIL WITHOUT OPENINGS SCHEDULE						
SPAN	SPAN TYPE					
	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
130'	130'-10"	132	262	130'-0"	131	261

CONCRETE TRAFFIC RAIL WITHOUT OPENINGS SR1 BAR LIST						
SPAN	EPOXY COATED REINFORCING				SPAN TYPE	
					ABUTMENT TO PIER	PIER TO PIER
	MARK	SIZE	FORM	LENGTH	NO.	NO.
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
130'	SR1	#5	BNT.	4'-1"	788	784

NOTE:
For bar bend, see Std. TR4-2.

APPROVED BY BRIDGE ENGINEER *Scott J. Smith* DATE *4/2/10*

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

2009 SPECIFICATIONS | B40-C-TR4-W0 | 01E
B-421E