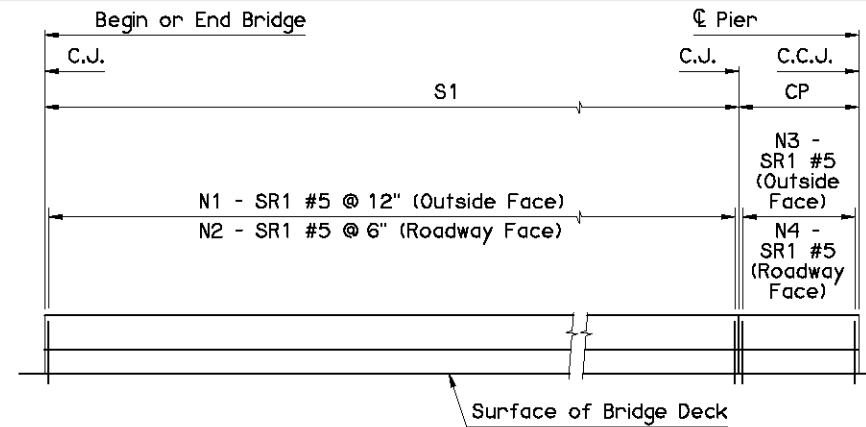
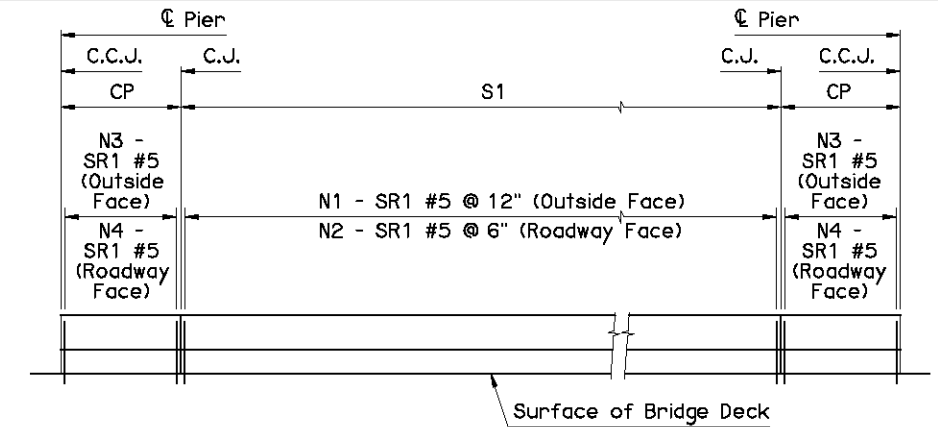


ABUTMENT TO ABUTMENT



ABUTMENT TO PIER



PIER TO PIER

**CONCRETE TRAFFIC RAIL ELEVATION**

NOTE:  
C.J. indicates a Construction Joint.  
C.C.J. indicates a Control Crack Joint.  
For additional detail of Concrete Traffic Rail, see Std. TR4-2.

ROLLED BEAMS CONCRETE TRAFFIC RAIL WITHOUT OPENINGS SCHEDULE															
SPAN	SPAN TYPE														
	ABUTMENT TO ABUTMENT			ABUTMENT TO PIER						PIER TO PIER					
	S1	N1	N2	S-3	N1	N2	CP	N3	N4	S1	N1	N2	CP	N3	N4
30'	30'-6"	32	62	26'-3"	27	53	4'-0"	5	10	22'-0"	23	45	4'-0"	5	10
35'	35'-6"	37	72	31'-3"	32	63	4'-0"	5	10	27'-0"	28	55	4'-0"	5	10
40'	40'-6"	42	82	36'-3"	37	73	4'-0"	5	10	32'-0"	33	65	4'-0"	5	10
45'	45'-6"	47	92	41'-3"	42	83	4'-0"	5	10	37'-0"	38	75	4'-0"	5	10
50'	50'-6"	52	102	46'-3"	47	93	4'-0"	5	10	42'-0"	43	85	4'-0"	5	10
55'	55'-6"	57	112	51'-3"	52	103	4'-0"	5	10	47'-0"	48	95	4'-0"	5	10
60'	60'-6"	62	122	56'-3"	57	113	4'-0"	5	10	52'-0"	53	105	4'-0"	5	10
65'	65'-6"	67	132	59'-3"	60	119	6'-0"	6	15	53'-0"	54	107	6'-0"	6	15
70'	70'-6"	72	142	64'-3"	65	129	6'-0"	6	15	58'-0"	59	117	6'-0"	6	15
75'	75'-6"	77	152	69'-3"	70	139	6'-0"	6	15	63'-0"	64	127	6'-0"	6	15
80'	80'-6"	82	162	74'-3"	75	149	6'-0"	6	15	68'-0"	69	137	6'-0"	6	15
85'	85'-6"	87	172	79'-3"	80	159	6'-0"	6	15	73'-0"	74	147	6'-0"	6	15
90'	90'-6"	92	182	84'-3"	85	169	6'-0"	6	15	78'-0"	79	157	6'-0"	6	15
95'	95'-6"	97	192	89'-3"	90	179	6'-0"	6	15	83'-0"	84	167	6'-0"	6	15
100'	100'-6"	102	202	94'-3"	95	189	6'-0"	6	15	88'-0"	89	177	6'-0"	6	15

ROLLED BEAMS CONCRETE TRAFFIC RAIL WITHOUT OPENINGS SR1 BAR LIST							
SPAN	EPOXY COATED REINFORCING				SPAN TYPE		
					ABUTMENT TO ABUTMENT	ABUTMENT TO PIER	PIER TO PIER
	MARK	SIZE	FORM	LENGTH	NO.	NO.	NO.
30'	SR1	#5	BNT.	4'-1"	188	190	196
35'	SR1	#5	BNT.	4'-1"	218	220	226
40'	SR1	#5	BNT.	4'-1"	248	250	256
45'	SR1	#5	BNT.	4'-1"	278	280	286
50'	SR1	#5	BNT.	4'-1"	308	310	316
55'	SR1	#5	BNT.	4'-1"	338	340	346
60'	SR1	#5	BNT.	4'-1"	368	370	376
65'	SR1	#5	BNT.	4'-1"	398	400	406
70'	SR1	#5	BNT.	4'-1"	428	430	436
75'	SR1	#5	BNT.	4'-1"	458	460	466
80'	SR1	#5	BNT.	4'-1"	488	490	496
85'	SR1	#5	BNT.	4'-1"	518	520	526
90'	SR1	#5	BNT.	4'-1"	548	550	556
95'	SR1	#5	BNT.	4'-1"	578	580	586
100'	SR1	#5	BNT.	4'-1"	608	610	616

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**  
**ROLLED BEAMS**  
**INTEGRAL**

2009 SPECIFICATIONS | B40-I-TR4-WO-RB | 01E  
B-227E