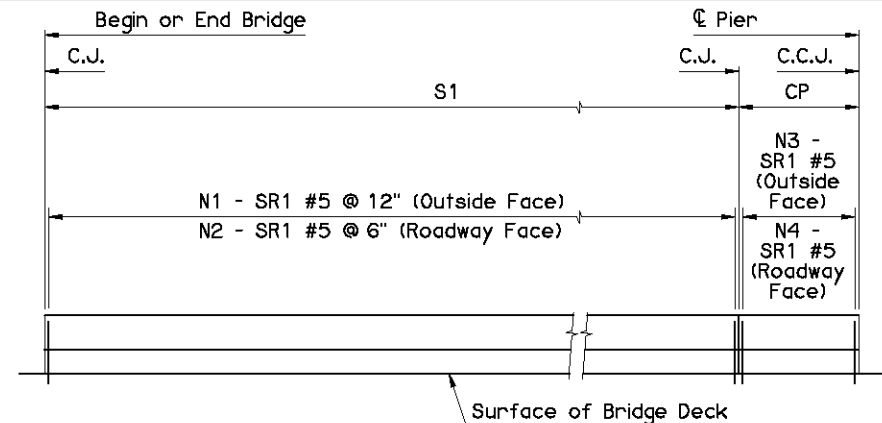
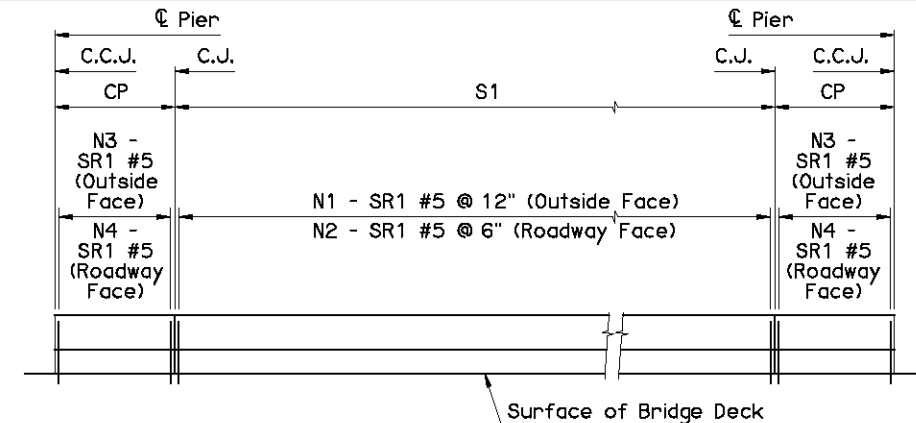


ABUTMENT TO ABUTMENT



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.

TYPE II AND TYPE B P.C. BEAMS CONCRETE TRAFFIC RAIL WITHOUT OPENINGS SCHEDULE															
SPAN	SPAN TYPE														
	ABUTMENT TO ABUTMENT			ABUTMENT TO PIER						PIER TO PIER					
	S1	N1	N2	S1	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

TYPE II AND TYPE B P.C. 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

TYPE III AND TYPE C P.C. BEAMS CONCRETE TRAFFIC RAIL WITHOUT OPENINGS SCHEDULE															
SPAN	SPAN TYPE														
	ABUTMENT TO ABUTMENT			ABUTMENT TO PIER						PIER TO PIER					
	S1	N1	N2	S1	N1	N2	CP	N3	N4	S1	N1	N2	CP	N3	N4
45'	45'-6"	47	92	40'-3"	41	81	5'-0"	5	13	35'-0"	36	71	5'-0"	5	13
50'	50'-6"	52	102	45'-3"	46	91	5'-0"	5	13	40'-0"	41	81	5'-0"	5	13
55'	55'-6"	57	112	50'-3"	51	101	5'-0"	5	13	45'-0"	46	91	5'-0"	5	13
60'	60'-6"	62	122	55'-3"	56	111	5'-0"	5	13	50'-0"	51	101	5'-0"	5	13
65'	65'-6"	67	132	60'-3"	61	121	5'-0"	5	13	55'-0"	56	111	5'-0"	5	13
70'	70'-6"	72	142	65'-3"	66	131	5'-0"	5	13	60'-0"	61	121	5'-0"	5	13
75'	75'-6"	77	152	70'-3"	71	141	5'-0"	5	13	65'-0"	66	131	5'-0"	5	13

TYPE III AND TYPE C P.C. 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.
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

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

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

OKLAHOMA DEPT. OF TRANSPORTATION
BRIDGE STANDARD (ENGLISH)
CONCRETE TRAFFIC RAIL WITHOUT OPENINGS
TYPE II, B, III AND C P.C. BEAMS
INTEGRAL

2009 SPECIFICATIONS | B40-I-TR4-WO-PC23 | 01E
B-225E