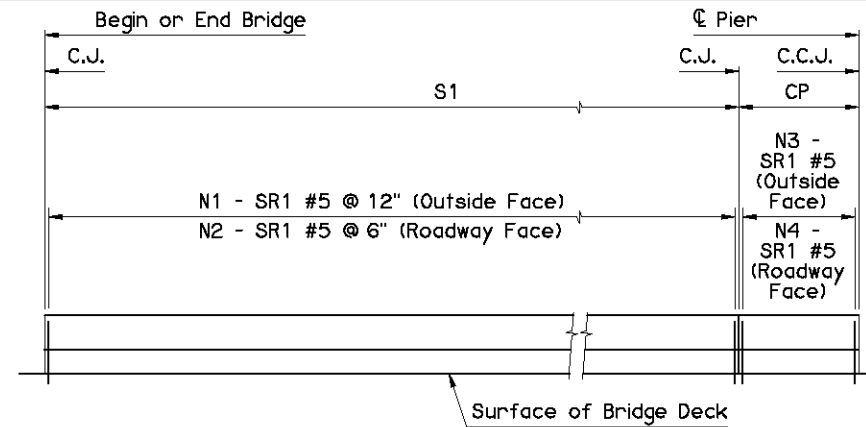
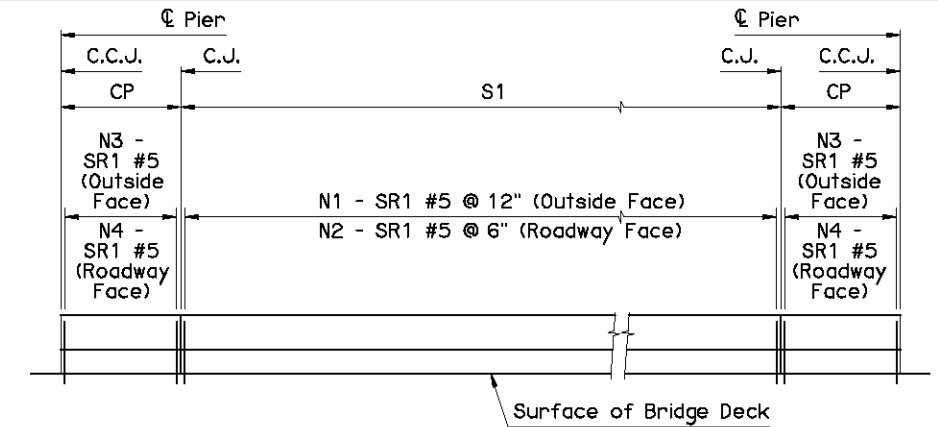


ABUTMENT TO ABUTMENT



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 IV 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
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

TYPE IV 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.
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

TYPE BT-72 AND TYPE J 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
95'	95'-6"	97	192	88'-3"	89	177	7'-0"	7	17	81'-0"	82	163	7'-0"	7	17
100'	100'-6"	102	202	93'-3"	94	187	7'-0"	7	17	86'-0"	87	173	7'-0"	7	17
105'	105'-6"	107	212	98'-3"	99	197	7'-0"	7	17	91'-0"	92	183	7'-0"	7	17
110'	110'-6"	112	222	103'-3"	104	207	7'-0"	7	17	96'-0"	97	193	7'-0"	7	17
115'	115'-6"	117	232	108'-3"	109	217	7'-0"	7	17	101'-0"	102	203	7'-0"	7	17
120'	120'-6"	122	242	113'-3"	114	227	7'-0"	7	17	106'-0"	107	213	7'-0"	7	17
125'	125'-6"	127	252	118'-3"	119	237	7'-0"	7	17	111'-0"	112	223	7'-0"	7	17
130'	130'-6"	132	262	123'-3"	124	247	7'-0"	7	17	116'-0"	117	233	7'-0"	7	17

TYPE BT-72 AND TYPE J 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.
95'	SR1	#5	BNT.	4'-1"	578	580	586
100'	SR1	#5	BNT.	4'-1"	608	610	616
105'	SR1	#5	BNT.	4'-1"	638	640	646
110'	SR1	#5	BNT.	4'-1"	668	670	676
115'	SR1	#5	BNT.	4'-1"	698	700	706
120'	SR1	#5	BNT.	4'-1"	728	730	736
125'	SR1	#5	BNT.	4'-1"	758	760	766
130'	SR1	#5	BNT.	4'-1"	788	790	796

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**  
**TYPE IV, BT-72 AND J P.C. BEAMS**  
**INTEGRAL**

2009 SPECIFICATIONS | B40-I-TR4-WO-PC45 | 01E  
B-226E