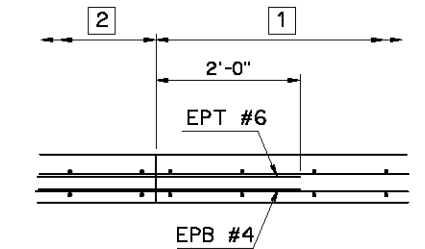


SUPERSTRUCTURE LONGITUDINAL REINFORCING BAR LIST								
EPOXY COATED REINFORCING			SPAN TYPE					
			ABUTMENT TO ABUTMENT		ABUTMENT TO PIER		PIER TO PIER	
MARK	SIZE	FORM	NUMBER	LENGTH	NUMBER	LENGTH	NUMBER	LENGTH
ET	#4	STR.	43	Span Length + 4" ①	43	Span Length + 2" ①	43	Span Length ①
EB	#5	STR.	43	Span Length + 4" ②	43	Span Length + 2" ②	43	Span Length ②
EPT	#6	STR.	-	-	42	CP + 2'-0" ③	42	2 * (CP + 2'-0") ③
EPB	#4	STR.	-	-	42	CP + 2'-0" ③	42	2 * (CP + 2'-0") ③
AS	#4	BNT.	86	5'-0"	43	5'-0"	-	-



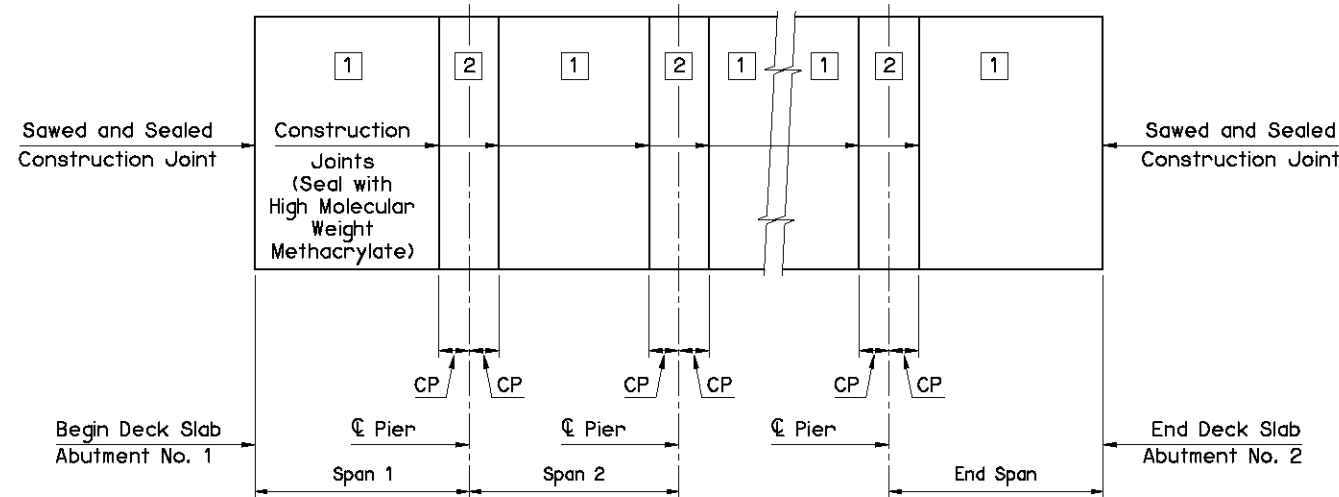
CONSTRUCTION JOINT DETAIL

SUPERSTRUCTURE TRANSVERSE REINFORCING BAR LIST												
EPOXY COATED REINFORCING				ABUTMENT TO ABUTMENT	ABUTMENT TO PIER				PIER TO PIER			
					TYPE II AND TYPE B	TYPE III AND TYPE C	TYPE IV	TYPE BT-72 AND TYPE J	TYPE II AND TYPE B	TYPE III AND TYPE C	TYPE IV	TYPE BT-72 AND TYPE J
MARK	SIZE	FORM	LENGTH	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
A1	#4	BNT.	42'-10"	SL + 1 ④	SL - 3 ④	SL - 4 ④	SL - 5 ④	SL - 6 ④	SL - 7 ④	SL - 9 ④	SL - 11 ④	SL - 13 ④
AC	#6	BNT.	12'-3"	4 * (SL - 4) ④	4 * (SL - 6) ④	4 * (SL - 7) ④	4 * (SL - 8) ④	4 * (SL - 9) ④	4 * (SL - 8) ④	4 * (SL - 10) ④	4 * (SL - 12) ④	4 * (SL - 14) ④
A2	#6	BNT.	43'-2"	-	4	5	6	7	8	10	12	14
A3	#5	BNT.	43'-0"	-	8	10	12	14	16	20	24	28
B	#5	STR.	41'-10"	SL + 1 ④	SL + 5 ④	SL + 6 ④	SL + 7 ④	SL + 8 ④	SL + 9 ④	SL + 11 ④	SL + 13 ④	SL + 15 ④

⑤ Deck Slab closure pours are over Piers only. CP dimension may be of equal or different values on either side of a Pier depending on span arrangement. CP dimension is always the same within a span.

CP DIMENSION SCHEDULE	
P.C. BEAM	CP ⑤
TYPE II	4'-0"
TYPE B	4'-0"
TYPE III	5'-0"
TYPE C	5'-0"
TYPE IV	6'-0"
TYPE BT-72	7'-0"
TYPE J	7'-0"

- ① Provide continuous reinforcing thru Construction Joints at Fixed Piers. Combine length shown with length for adjacent spans. Add length for any laps required. Do not lap within 10' of centerline of fixed pier. Minimum lap length is 1'-8".
- ② Provide continuous reinforcing thru Construction Joints at Fixed Piers. Combine length shown with length for adjacent spans. Add length for any laps required. Do not lap within 10' of centerline of fixed pier. Minimum lap length is 2'-6".
- ③ For CP dimension, see CP DIMENSION SCHEDULE.
- ④ SL = Number of feet in Span Length (SL for 30' Span = 30)



DECK SLAB POURING SEQUENCE DIAGRAM

NOTE:
The Deck Slab is divided into sections between Construction Joints as shown. Place the Deck Slab concrete of each section in the numerical sequence indicated. Sections of the Deck Slab with the same number may be placed in any order. Sections in sequence 2 may be placed before all of sequence 1 are completed if sequence 1 at the common Construction Joint is complete.

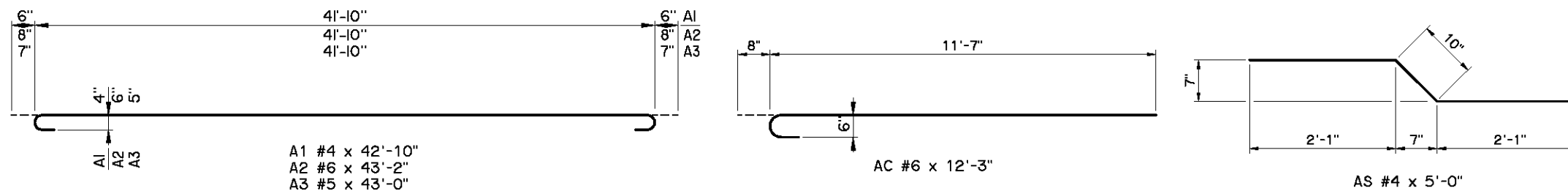
DECK SLAB NOTES

Epoxy-coat or galvanize steel items used to facilitate construction, such as Deck Form Hangers, Ty-Bar Clips, Insert Weld Anchors, or other appurtenances, that will remain in place in the Deck Slab. Epoxy-coat in accordance with AASHTO M284 or galvanize in accordance with AASHTO M111.

Place Deck Slab concrete one section at a time consistent with the Deck Slab Pouring Sequence Diagram. In the event of an emergency, halt the placement of concrete by forming a Construction Joint made perpendicular to the direction of traffic or as directed by the Engineer. Do not place any heavy equipment on the finished Deck Slab within 5' of any Construction Joint until concrete is in place on both sides of the respective joint and at least 48 hours has elapsed since concrete placement.

Seal all Deck Slab Construction Joints with High Molecular Weight Methacrylate in accordance with Section 523 of the Specifications. Include all cost of equipment and labor for the installation of the High Molecular Weight Methacrylate Sealer in the contract unit price of "SEALER CRACK PREPARATION". Include all cost of the High Molecular Weight Methacrylate Sealer in the contract unit price of "SEALER RESIN". The Department will not measure the preparation and sealer of emergency construction joints for payment.

NOTE:
For Traffic Rail Bar List, see CONCRETE TRAFFIC RAIL WITH OPENINGS or CONCRETE TRAFFIC RAIL WITHOUT OPENINGS.
For Abutment Diaphragm Bar List, see ABUTMENT DIAPHRAGM DETAILS.
For Intermediate and Pier Diaphragm Bar List, see INTERMEDIATE AND PIER DIAPHRAGM DETAILS.



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

OKLAHOMA DEPT. OF TRANSPORTATION
BRIDGE STANDARD (ENGLISH)
SUPERSTRUCTURE BAR LIST
P.C. BEAMS
INTEGRAL

2009 SPECIFICATIONS | B40-I-SPR-BLIST-PCB | 03E
B-70E