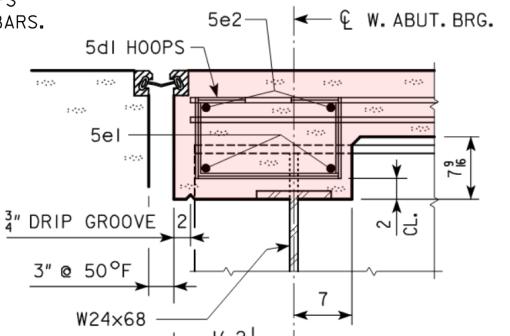


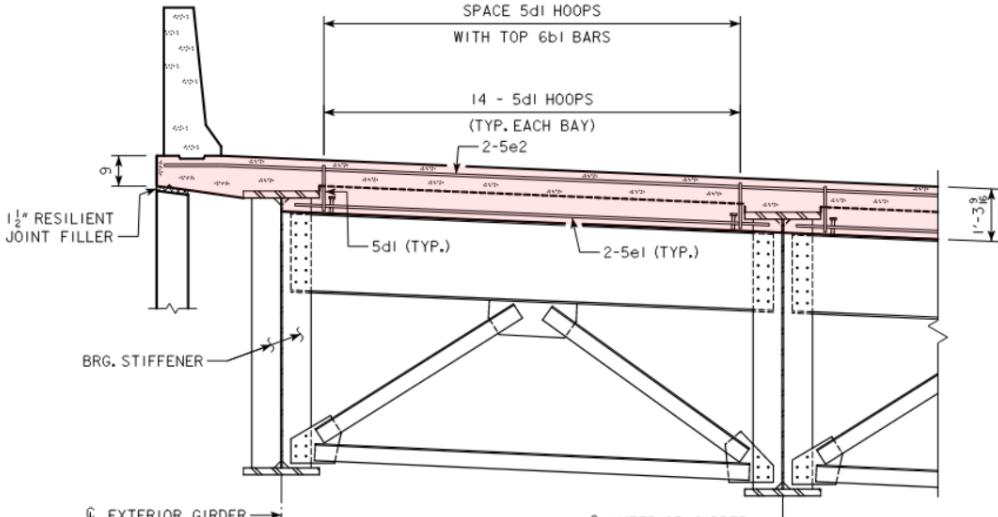
CONCRETE PLACEMENT DIAGRAM & LONGITUDINAL REINFORCING LAYOUT

NOTE:  
TRANSVERSE DECK REINFORCING  
NOT SHOWN. PLACE 5d1 HOOPS  
PARALLEL TO LONGIT. 6b1 BARS.

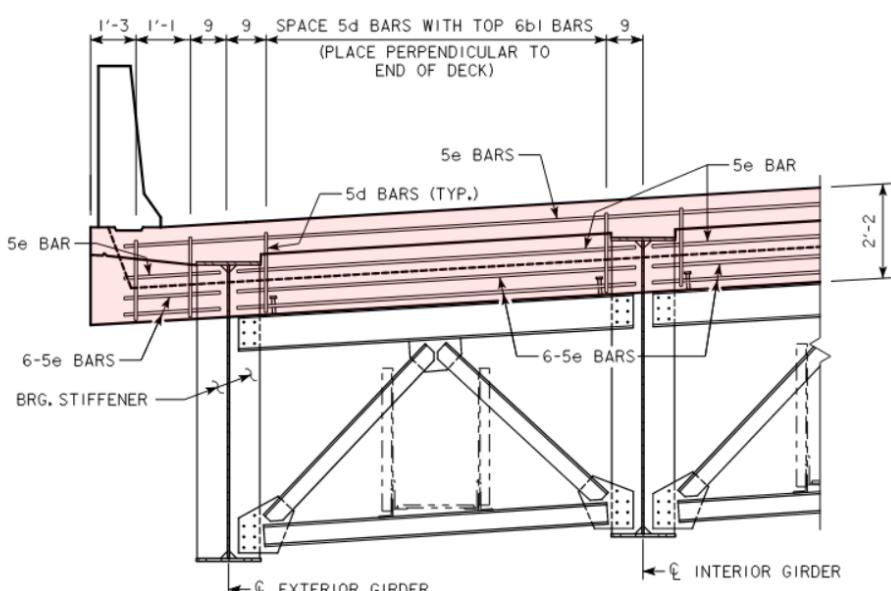


SECTION A-A

## PERMISSIBLE TRANSVERSE DECK CONSTRUCTION JOINT



**PARTIAL SECTION NEAR ABUTMENT**  
(DECK REINFORCING AND EXPANSION JOINT NOT SHOWN)



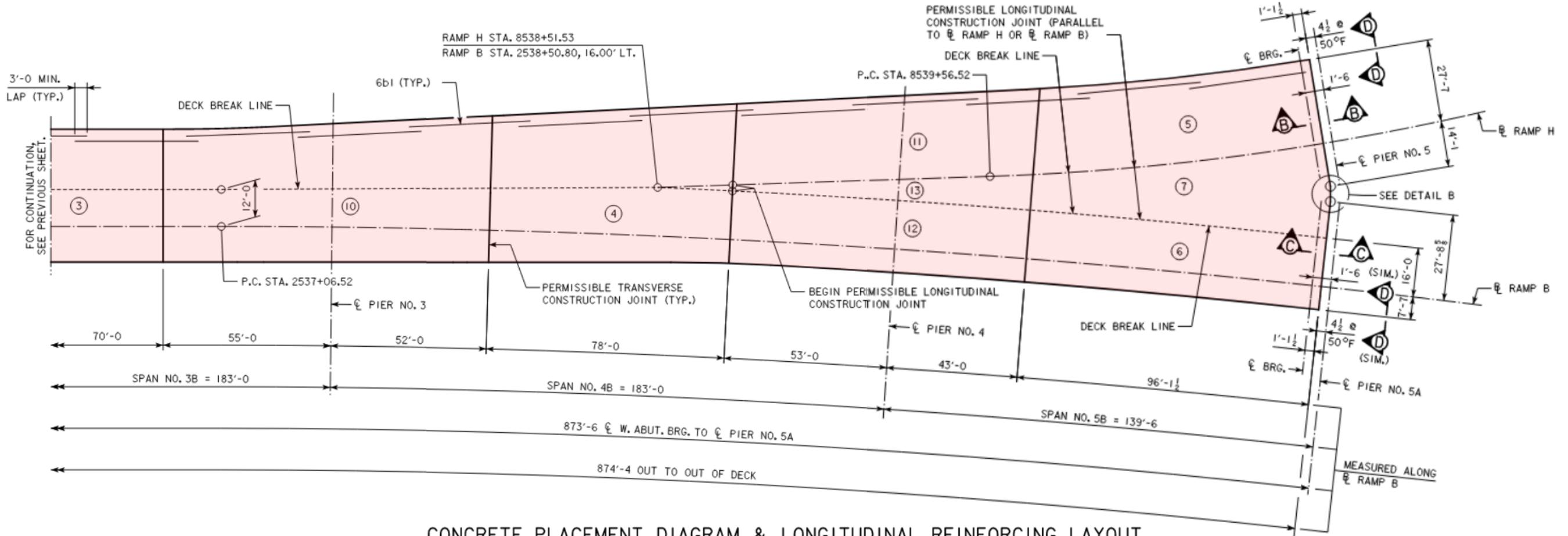
PARTIAL SECTION NEAR EXPANSION-EXPANSION PIER  
(DECK REINFORCING AND EXPANSION JOINT NOT SHOWN.)

**NOTES:**  
CONCRETE DECK SHALL BE PLACED IN SECTIONS AND SEQUENCES INDICATED. ALTERNATE PROCEDURES FOR PLACING DECK CONCRETE MAY BE SUBMITTED FOR APPROVAL TOGETHER WITH A STATEMENT OF THE PROPOSED METHOD AND EVIDENCE THAT THE CONTRACTOR POSSESSES THE NECESSARY EQUIPMENT AND FACILITIES TO ACCOMPLISH THE REQUIRED RESULTS. FOR APPROVED ALTERNATE PROCEDURES THE ENGINEER SHALL DETERMINE IF A RETARDING ADMIXTURE IS REQUIRED TO MAINTAIN PLASTICITY OF THE CONCRETE DECK DURING PLACEMENT.

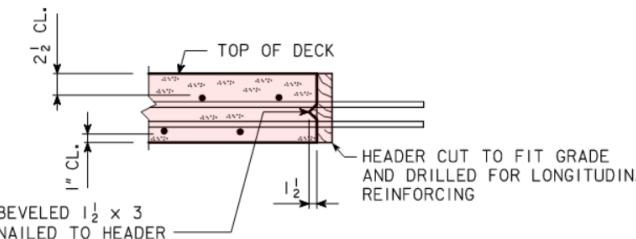
PLANE UNLESS NOTED OTHERWISE

Unit Test Instruction for the Design-to-Construction Data Exchange		
1	12/21/23	.
No.	Date	Issue / Revision Notes
Unit Test Description <b>LEVEL 1 Deck 03</b>		
Drawn By DHC		Reviewed By CDC
Unit Test / Sheet No. <b>L1-Br03-Deck03 / 01</b>		

L1-Br03-Deck03 / 01



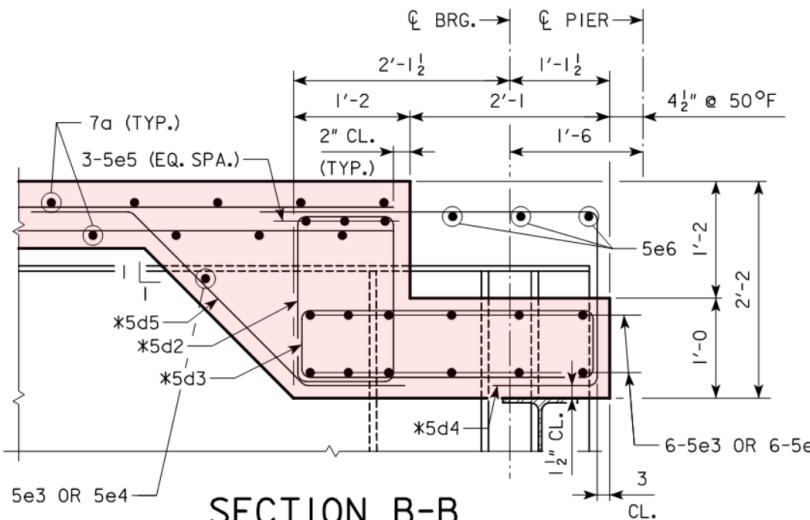
CONCRETE PLACEMENT DIAGRAM & LONGITUDINAL REINFORCING LAYOUT



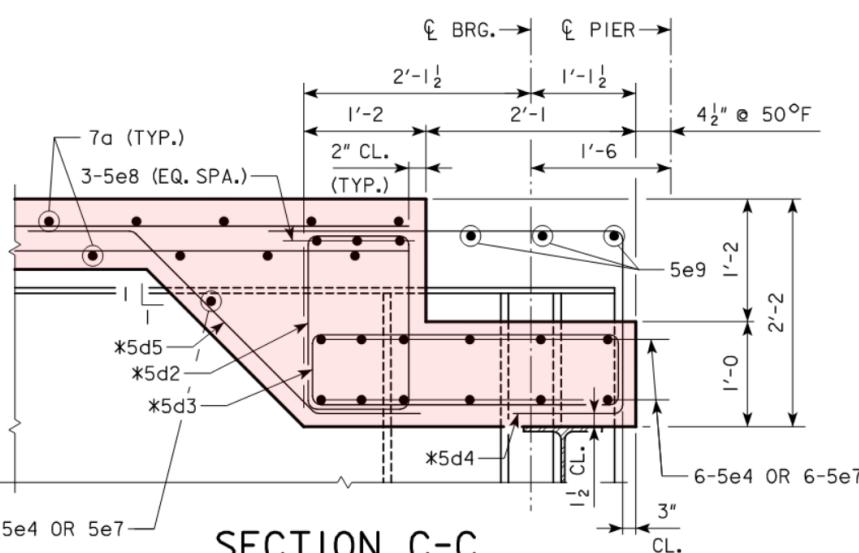
## **NOTES:**

1.

## PERMISSIBLE TRANSVERSE DECK CONSTRUCTION JOINTS

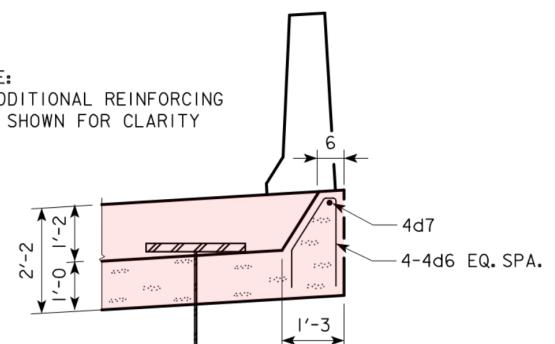


## SECTION B-B



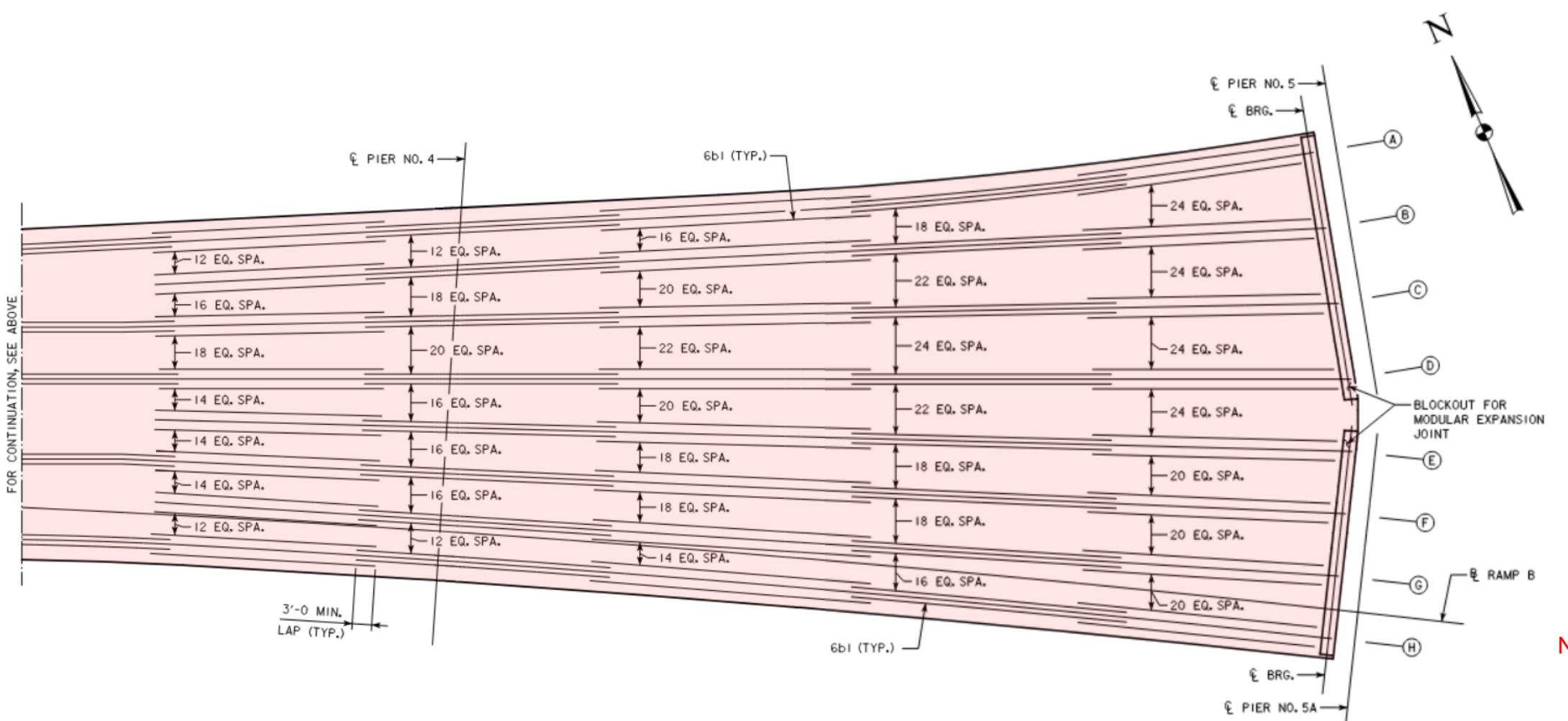
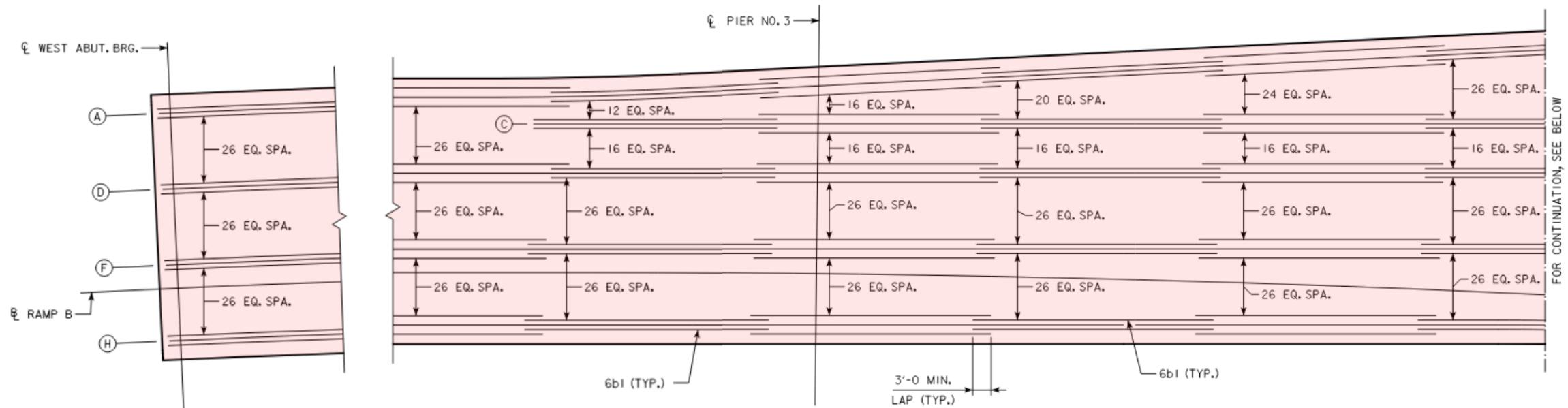
SECTION C-C

NOTE:  
ADDITIONAL REINFORCING  
NOT SHOWN FOR CLARITY



VIEW D-D

Unit Test Instruction for the Design-to-Construction Data Exchange			 
.	.	.	
.	.	.	
1	12/22/23	.	
No.	Date	Issue / Revision Notes	
Unit Test Description		Unit Test / Sheet No.	
<b>LEVEL 1 Deck 03</b>			
Drawn By DHC		Reviewed By CDC	
<b>L1-Br03-Deck03 / 02</b>			



## LONGITUDINAL REINFORCING LAYOUT

## **NOTES:**

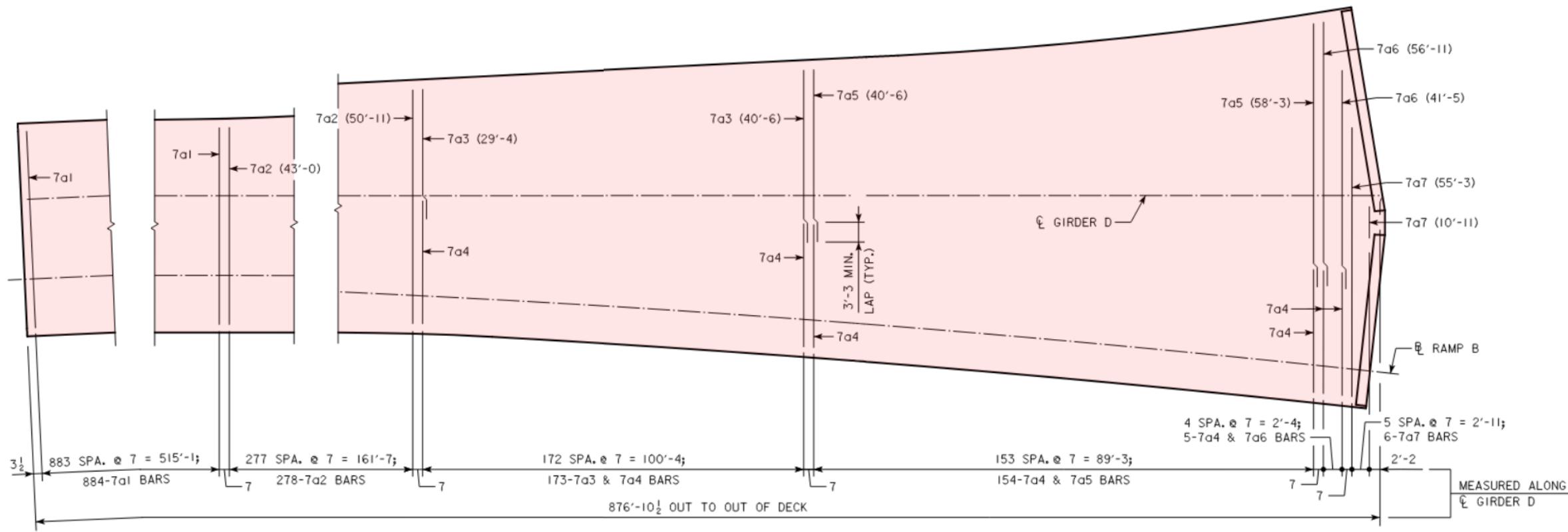
- 1

Unit Test Instruction for the Design-to-Construction Data Exchange		
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1	12/22/23	.
No.	Date	Issue / Revision Notes
Unit Test Description <b>LEVEL 1 Deck 03</b>		Unit Test / Sheet No.
Drawn By DHC		Reviewed By CDC

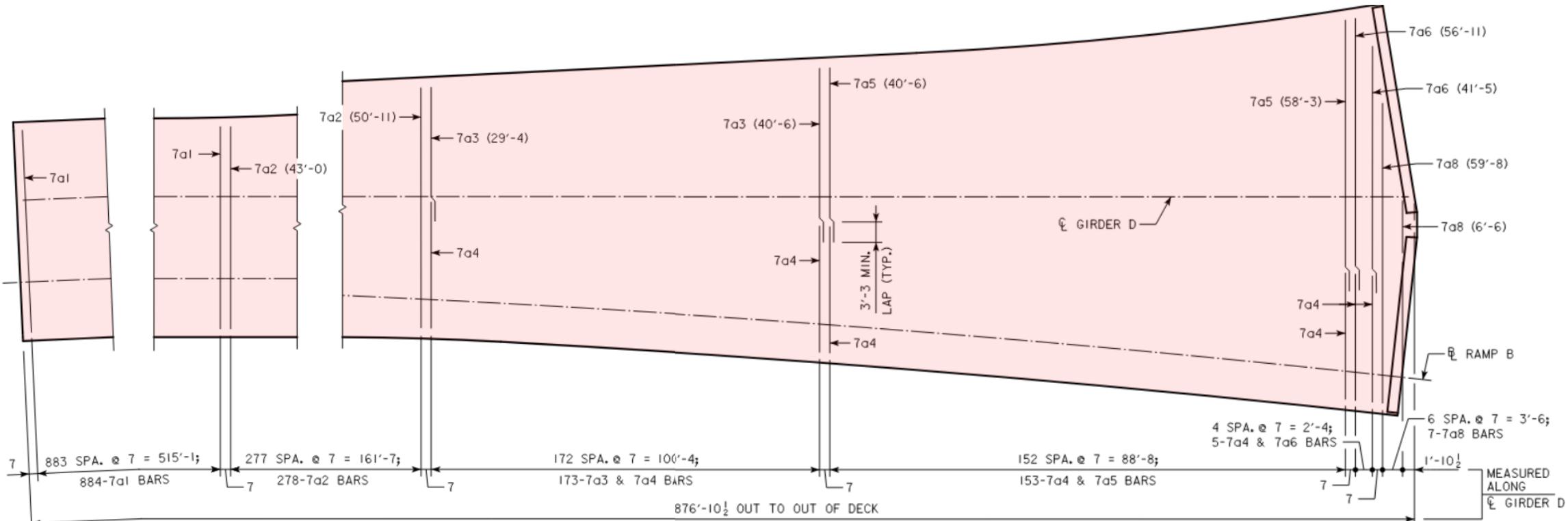




**L1-Br03-Deck03 / 03**



TOP TRANSVERSE REINFORCING LAYOUT



BOTTOM TRANSVERSE REINFORCING LAYOUT

NOTES:  
1.

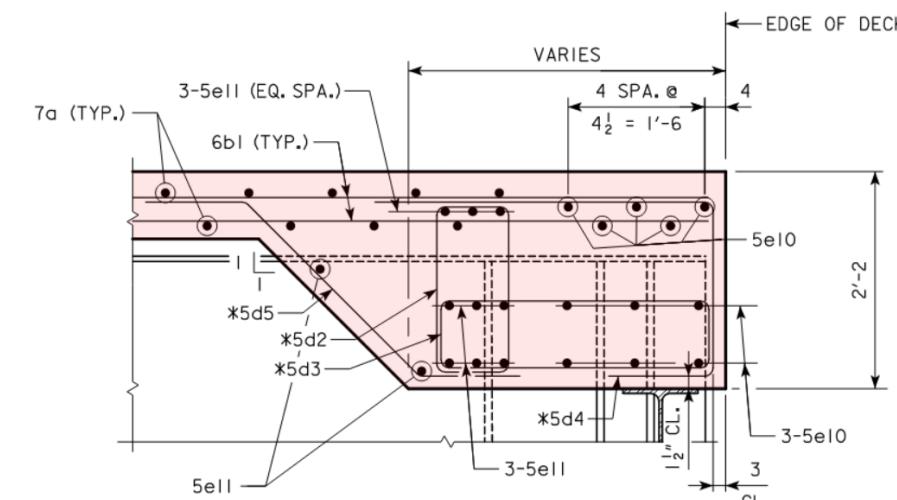
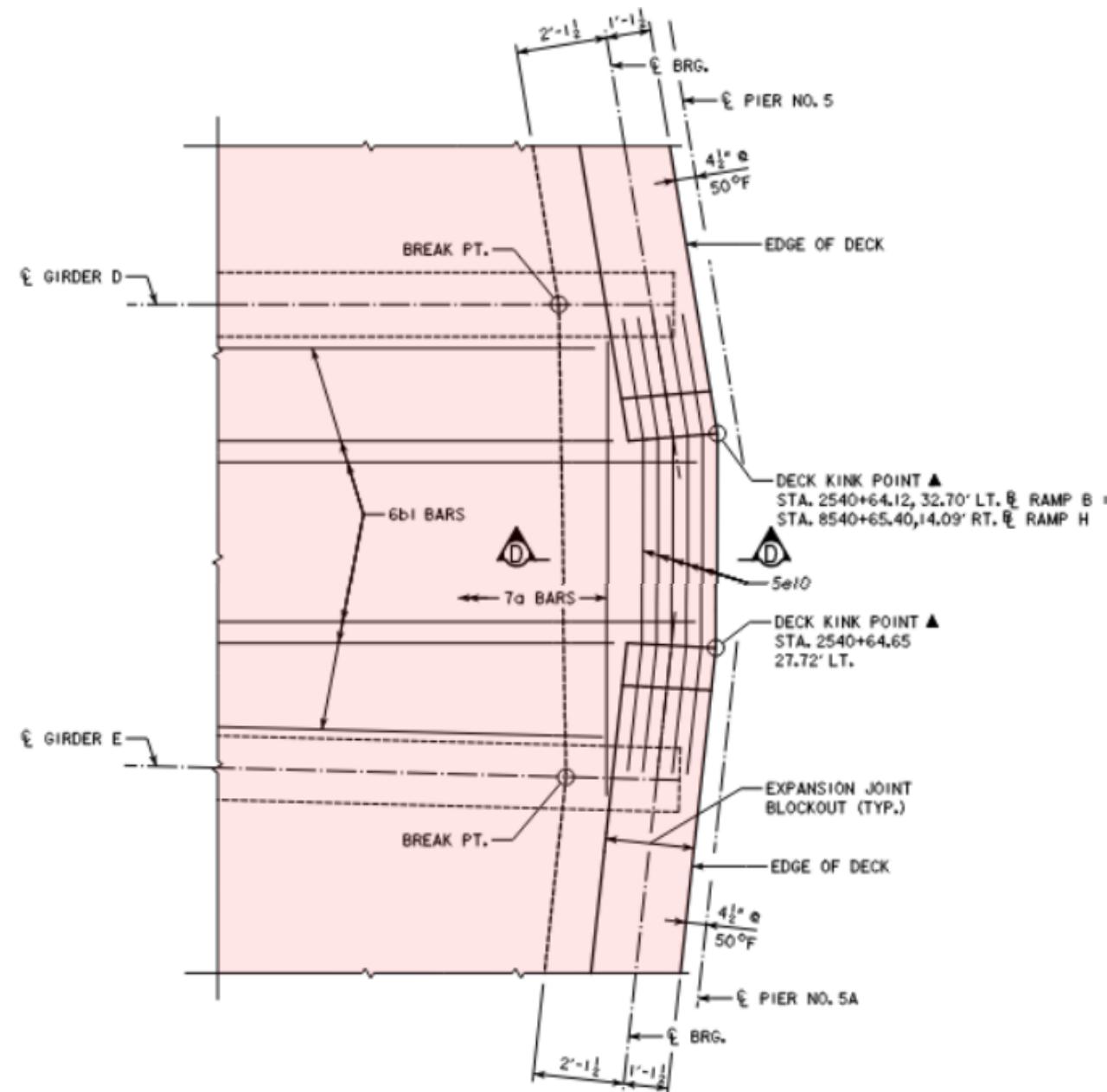
Unit Test Instruction for the Design-to-Construction Data Exchange		
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1	10/30/23	.
No.	Date	Issue / Revision Notes
Unit Test Description		
LEVEL 1 Deck 03		
Drawn By DHC	Reviewed By CDC	Unit Test / Sheet No.

**BIM**  
FOR  
BRIDGES  
AND STRUCTURES  
TPF-5(372)

**HDR**

**jō consulting**

L1-Br03-Deck03 / 04



**SECTION D-D**  
 \* PLACE BARS BETWEEN GIRDERS D AND E TO MATCH TOP 6bi BARS.

NOTES:

▲ STATIONS AND OFFSETS FOR DECK GEOMETRY ARE  
 ESTABLISHED AT A STRUCTURE TEMPERATURE OF 50°F.  
 1.

**NOTES:**

1.

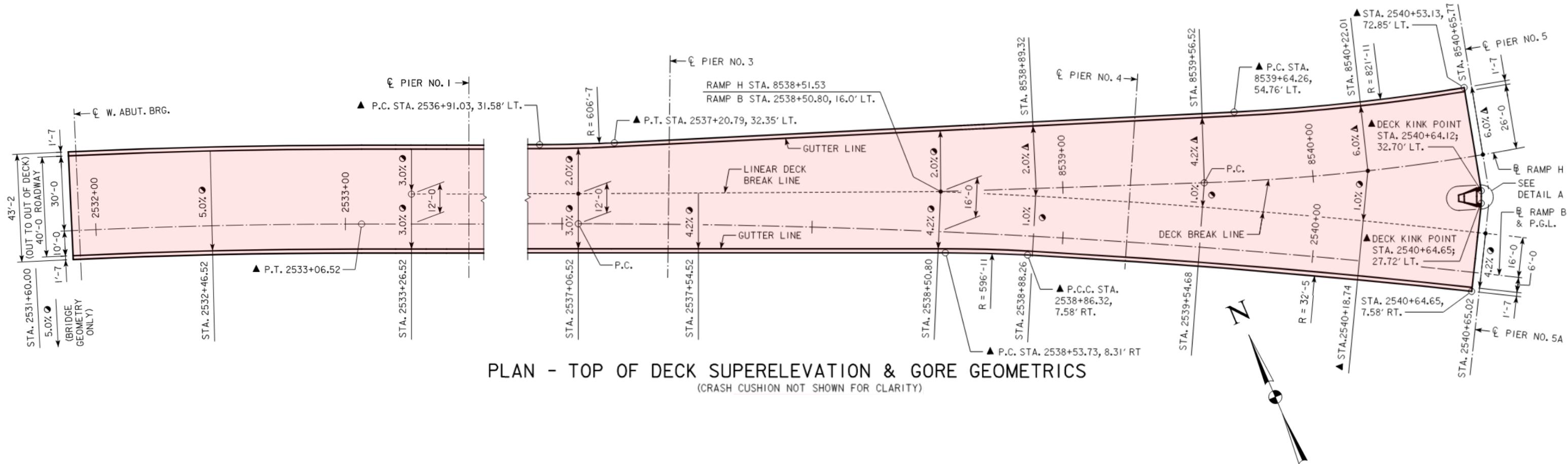
Unit Test Instruction for the Design-to-Construction Data Exchange		
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.	.	.
1	12/22/23	.
No.	Date	Issue / Revision Notes
Unit Test Description		Unit Test / Sheet No.
LEVEL 1 Deck 03		
Drawn By	Reviewed By	
DHC	CDC	

**BIM**  
 FOR  
 BRIDGES  
 AND STRUCTURES  
 TFP-5(372)

**HDR**

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**L1-Br03-Deck03 / 05**



REINFORCING BAR LIST - BRIDGE DECK				
BAR	LOCATION	SHAPE	NO.	LENGTH
7a1	DECK, TRANSVERSE TOP & BOTTOM	—	1768	42'-10" 154,791
7a2	DECK, TRANSVERSE TOP & BOTTOM	—	556	VARIES 53,366
7a3	DECK, TRANSVERSE TOP & BOTTOM	—	346	VARIES 24,694
7a4	DECK, TRANSVERSE TOP & BOTTOM	—	663	25'-0" 33,879
7a5	DECK, TRANSVERSE TOP & BOTTOM	—	307	VARIES 30,983
7a6	DECK, TRANSVERSE TOP & BOTTOM	—	10	VARIES 1,005
7a7	DECK, TRANSVERSE TOP	—	6	VARIES 406
7a8	DECK, TRANSVERSE BOTTOM	—	7	VARIES 473
5a9	DECK AT DRAIN	—	40	3'-0" 125
6b1	DECK, LONGITUDINAL TOP & BOTTOM	—	2643	39'-5" 156,476
5d1	ABUT. DIAPH., HOOPS	□	42	4'-1" 179
5d2	EXPAN. PIER DIAPH., HOOPS	□	89	6'-2" 572
5d3	EXPAN. PIER DIAPH., HOOPS	□	89	8'-2" 758
5d4	EXPAN. PIER DIAPH.	□	89	7'-2" 665
5d5	EXPAN. PIER DIAPH.	□	89	5'-4" 495
4d6	EXPAN. PIER DIAPH.	□	16	4'-1" 44
4d7	EXPAN. PIER DIAPH.	—	4	4'-6" 12
5e1	ABUT. DIAPH., LONGITUDINAL	—	6	12'-0" 75
5e2	ABUT. DIAPH., LONGITUDINAL	—	2	42'-10" 89
5e3	EXPAN. PIER DIAPH., LONGITUDINAL	—	39	11'-5" 464
5e4	EXPAN. PIER DIAPH., LONGITUDINAL	—	26	2'-9" 75
5e5	EXPAN. PIER DIAPH., LONGITUDINAL	—	3	41'-6" 130
5e6	EXPAN. PIER DIAPH., LONGITUDINAL	—	3	40'-0" 125
5e7	EXPAN. PIER DIAPH., LONGITUDINAL	—	39	9'-4" 380
5e8	EXPAN. PIER DIAPH., LONGITUDINAL	—	3	35'-1" 110
5e9	EXPAN. PIER DIAPH., LONGITUDINAL	—	3	33'-8" 105
5e10	EXPAN. PIER DIAPH., LONGITUDINAL	—	11	10'-7" 121
5e11	EXPAN. PIER DIAPH., LONGITUDINAL	—	11	10'-10" 124
REINFORCING STEEL EPOXY COATED - TOTAL (LBS.)				
460,721				

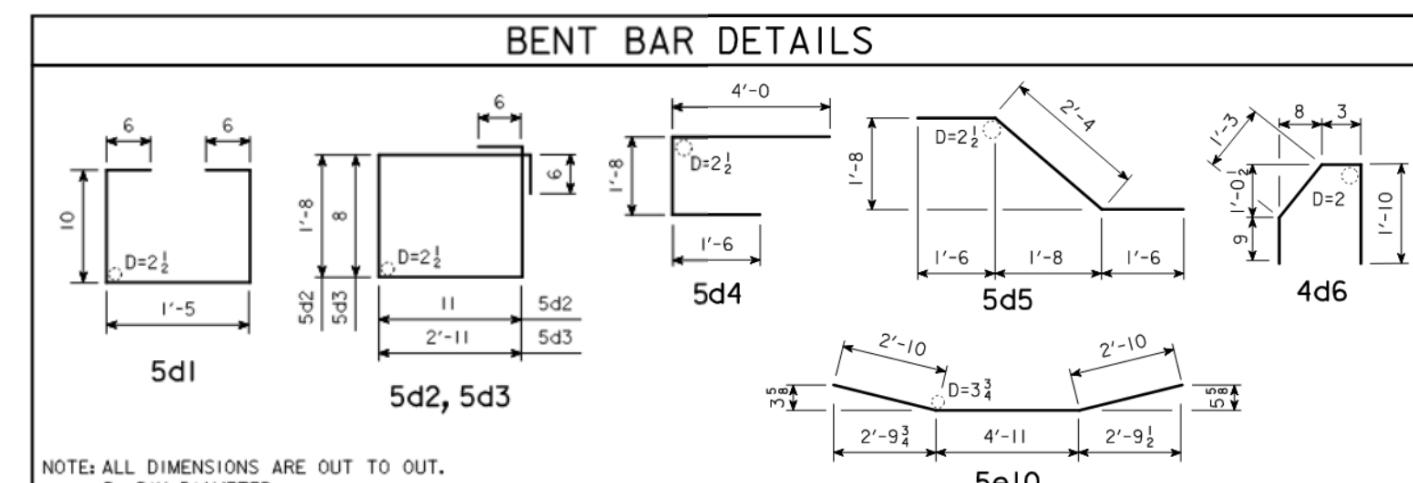
HPC CONCRETE PLACEMENT QUANTITIES	
LOCATION	QUANTITY
SECTION 1, DECK & ABUT. DIAPH.	124.6
SECTION 2, DECK	113.4
SECTION 3, DECK	79.2
SECTION 4, DECK	102.0
SECTION 5, DECK & PIER DIAPH.	72.3
SECTION 6, DECK & PIER DIAPH.	65.3
SECTION 7, DECK & PIER DIAPH.	55.5
SECTION 8, DECK	120.1
SECTION 9, DECK	127.7
SECTION 10, DECK	127.2
SECTION 11, DECK	70.1
SECTION 12, DECK	60.8
SECTION 13, DECK	15.6
TOTAL (CU. YDS.)	1,133.8

#### NOTES:

- ELEVATIONS FOR THE FULL EXTENT OF THE BRIDGE ARE CONTROLLED BY RAMP B P.G.L.
- SUPERELEVATION PERPENDICULAR TO ♀ RAMP B.
- ▲ SUPERELEVATION PERPENDICULAR TO ♀ RAMP H.
- ▲ STATIONS AND OFFSETS FOR DECK GEOMETRY ARE ESTABLISHED AT A STRUCTURE TEMPERATURE OF 50°F.

#### NOTE:

CONCRETE AND REINFORCING STEEL QUANTITIES ARE INCLUDED ON THE SUMMARY OF ITEMIZED QUANTITIES SHEET.



NOTE: ALL DIMENSIONS ARE OUT TO OUT.  
D= PIN DIAMETER.

Unit Test Instruction for the  
Design-to-Construction Data Exchange

1	12/22/23	.
No.	Date	Issue / Revision Notes

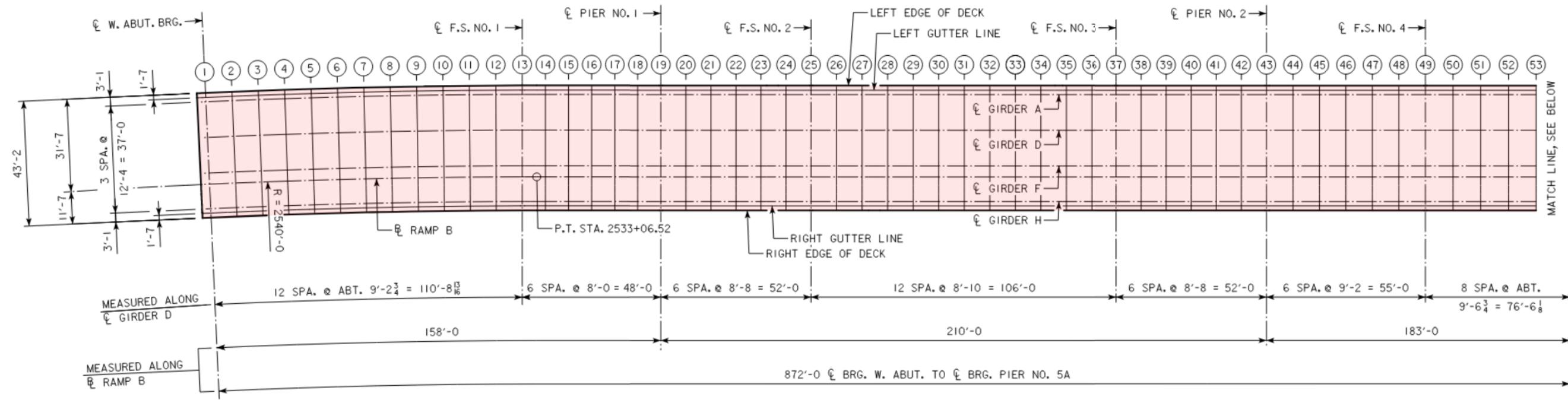


jō consulting

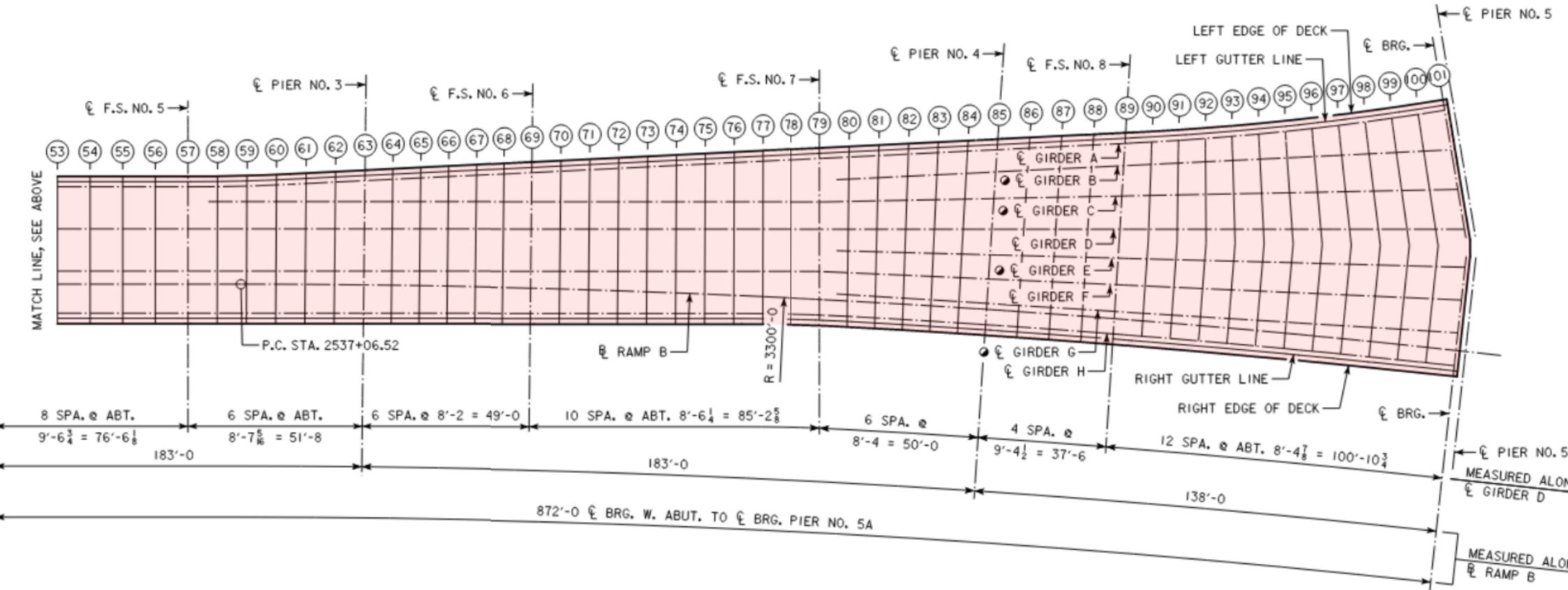
Unit Test Description	Issue / Revision Notes	Unit Test / Sheet No.
LEVEL 1 Deck 03	.	.
Drawn By DHC	Reviewed By CDC	.

#### NOTES:

- 1.



## TOP OF DECK DIAGRAM



## TOP OF DECK DIAGRAM

## NOTES:

- 1

## NOTES:

THE NUMBERED POINTS ARE EQUALLY SPACED ALONG EACH LINE OF INTEREST AND BETWEEN THE FIELD SPLICE AND PIER LOCATIONS SHOWN.

Unit Test Instruction for the Design-to-Construction Data Exchange		
.	.	.
1	12/22/23	.
No.	Date	Issue / Revision Notes
Unit Test Description <b>LEVEL 1 Deck 03</b>		Unit Test / Sheet No. TPF-5(372)
Drawn By <b>DHC</b>		Reviewed By <b>CDC</b>

**BIM FOR BRIDGES AND STRUCTURES TPF-5(372)**

**HDR**

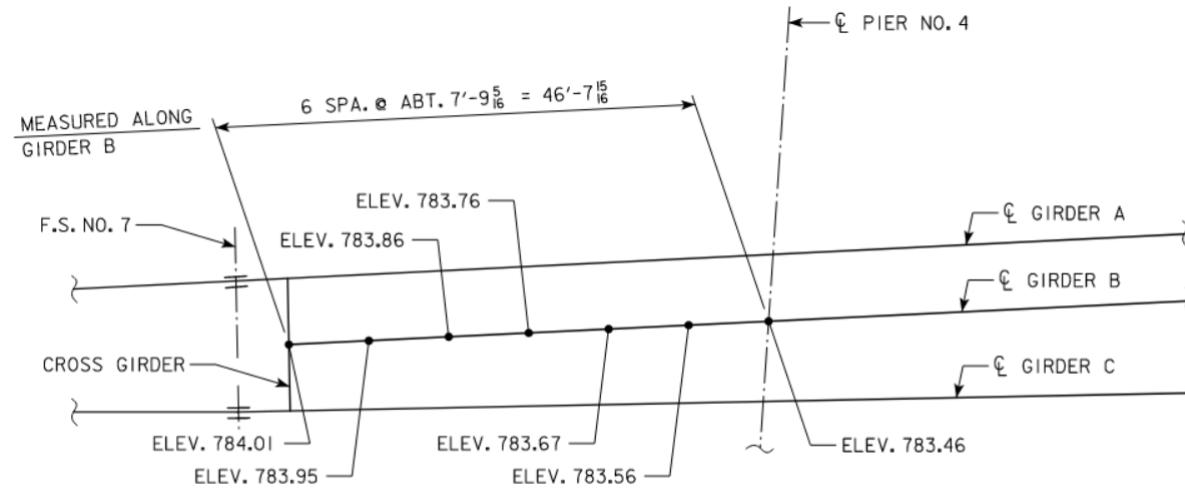
**jō consulting**

**L1-Br03-Deck03 / 07**

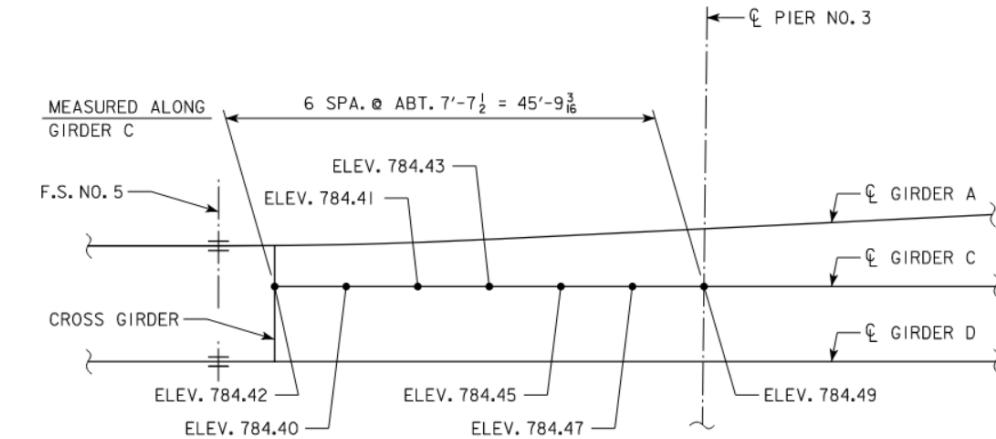
L1-Br03-Deck03 / 07

TABLE OF TOP OF DECK ELEVATIONS

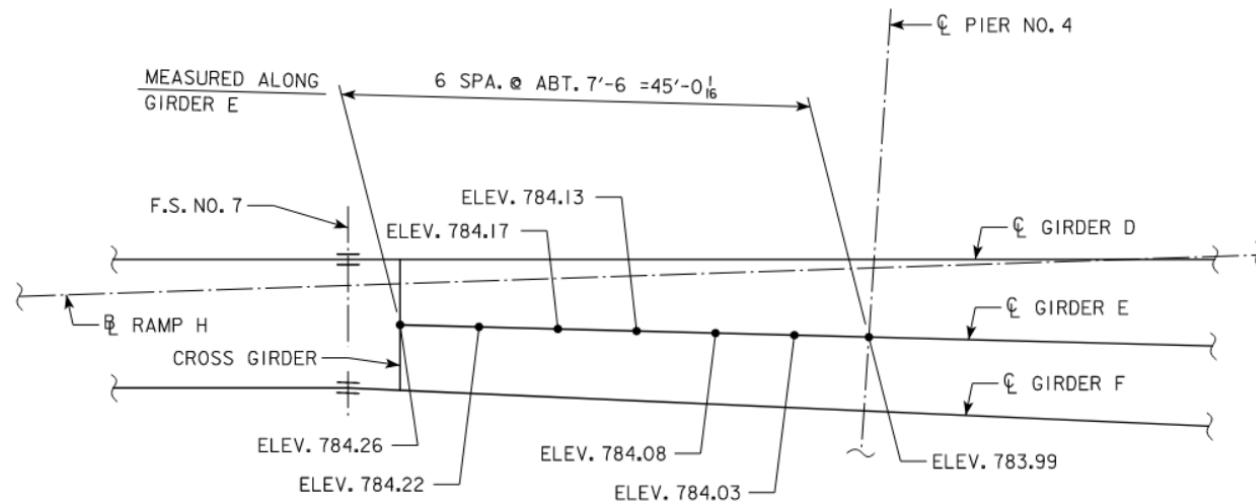
	£ WEST ABUT. BRG.	SPAN NO. 1B												F.S. NO. 1	SPAN NO. 1B								£ PIER NO. 1	SPAN NO. 2B												
LINE	POINT	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)							
LEFT EDGE OF DECK		781.45	781.61	781.77	781.93	782.08	782.23	782.37	782.44	782.51	782.57	782.64	782.69	782.75	782.80	782.84	782.88	782.96	783.04	783.11	783.19	783.27	783.35	783.42	783.49	783.56	783.63	783.69	783.75							
LEFT GUTTER LINE		781.37	781.54	781.69	781.85	782.00	782.15	782.29	782.37	782.44	782.51	782.57	782.63	782.69	782.74	782.79	782.83	782.91	782.99	783.07	783.15	783.23	783.31	783.39	783.46	783.53	783.60	783.66	783.72							
GIRDER LINE A		781.30	781.46	781.62	781.77	781.92	782.07	782.22	782.30	782.37	782.44	782.51	782.58	782.64	782.69	782.74	782.79	782.87	782.95	783.03	783.12	783.20	783.28	783.35	783.43	783.50	783.57	783.64	783.70							
GIRDER LINE B		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
GIRDER LINE C		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
GIRDER LINE D		780.68	780.84	781.00	781.16	781.31	781.46	781.60	781.71	781.81	781.91	782.01	782.10	782.19	782.27	782.34	782.42	782.51	782.60	782.70	782.80	782.89	782.99	783.08	783.17	783.25	783.33	783.42	783.49							
GIRDER LINE E		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
GIRDER LINE F		780.07	780.23	780.38	780.54	780.69	780.84	780.99	781.12	781.25	781.38	781.50	781.63	781.74	781.85	781.94	782.04	782.14	782.24	782.34	782.44	782.55	782.64	782.74	782.83	782.92	783.01	783.10	783.18							
GIRDER LINE G		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
B RAMP B		779.87	780.04	780.19	780.35	780.50	780.65	780.79	780.94	781.08	781.21	781.35	781.48	781.60	781.71	781.82	781.93	782.03	782.13	782.23	782.33	782.43	782.53	782.62	782.72	782.81	782.90	782.98	783.07							
GIRDER LINE H		779.45	779.61	779.77	779.92	780.07	780.22	780.37	780.53	780.69	780.85	781.00	781.15	781.30	781.42	781.55	781.67	781.77	781.87	781.97	782.07	782.18	782.27	782.37	782.46	782.55	782.64	782.73	782.81							
RIGHT GUTTER LINE		779.37	779.54	779.69	779.85	780.00	780.15	780.29	780.46	780.62	780.78	780.94	781.09	781.24	781.37	781.50	781.62	781.73	781.83	781.93	782.03	782.13	782.23	782.32	782.42	782.51	782.60	782.68	782.77							
RIGHT EDGE OF DECK		779.37	779.54	779.69	779.85	780.00	780.15	780.29	780.46	780.62	780.78	780.94	781.09	781.24	781.37	781.50	781.62	781.73	781.83	781.93	782.03	782.13	782.23	782.32	782.42	782.51	782.60	782.68	782.77							
		SPAN NO. 2B												F.S. NO. 3	SPAN NO. 2B								£ PIER NO. 2	SPAN NO. 3B								F.S. NO. 4	SPAN NO. 3B			
LINE	POINT	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)	(41)	(42)	(43)	(44)	(45)	(46)	(47)	(48)	(49)	(50)	(51)	(52)	(53)	(54)	(55)	(56)							
LEFT EDGE OF DECK		783.81	783.86	783.92	783.97	784.01	784.06	784.10	784.14	784.17	784.21	784.24	784.26	784.29	784.31	784.33	784.35	784.37	784.38	784.39	784.40	784.40	784.40	784.40	784.40	784.40	784.40	784.40	784.40	784.39	784.38	784.36	784.35			
LEFT GUTTER LINE		783.79	783.84	783.90	783.95	784.00	784.04	784.09	784.13	784.16	784.20	784.23	784.26	784.29	784.31	784.33	784.35	784.37	784.38	784.39	784.40	784.40	784.40	784.40	784.40	784.40	784.40	784.40	784.39	784.38	784.36	784.35				
GIRDER LINE A		783.76	783.82	783.88	783.93	783.98	784.03	784.07	784.12	784.16	784.19	784.22	784.26	784.31	784.33	784.35	784.37	784.39	784.40	784.41	784.42	784.42	784.42	784.42	784.42	784.42	784.41	784.40	784.39	784.37	784.37					
GIRDER LINE B		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
GIRDER LINE C		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
GIRDER LINE D		783.57	783.64	783.71	783.78	783.85	783.91	783.97	784.03	784.08	784.13	784.18	784.22	784.26	784.30	784.34	784.38	784.41	784.44	784.47	784.49	784.51	784.53	784.55	784.56	784.57	784.58	784.58	784.58	784.58						
GIRDER LINE E		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
GIRDER LINE F		783.26	783.34	783.41	783.49	783.56	783.62	783.69	783.75	783.81	783.86	783.92	783.97	784.01	784.06	784.10	784.14	784.18	784.21	784.24	784.27	784.30	784.32	784.35	784.36	784.38	784.39	784.40	784.40	784.40	784.40					
GIRDER LINE G		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
B RAMP B		783.15	783.22	783.30	783.37	783.44	783.51	783.57	783.63	78																										



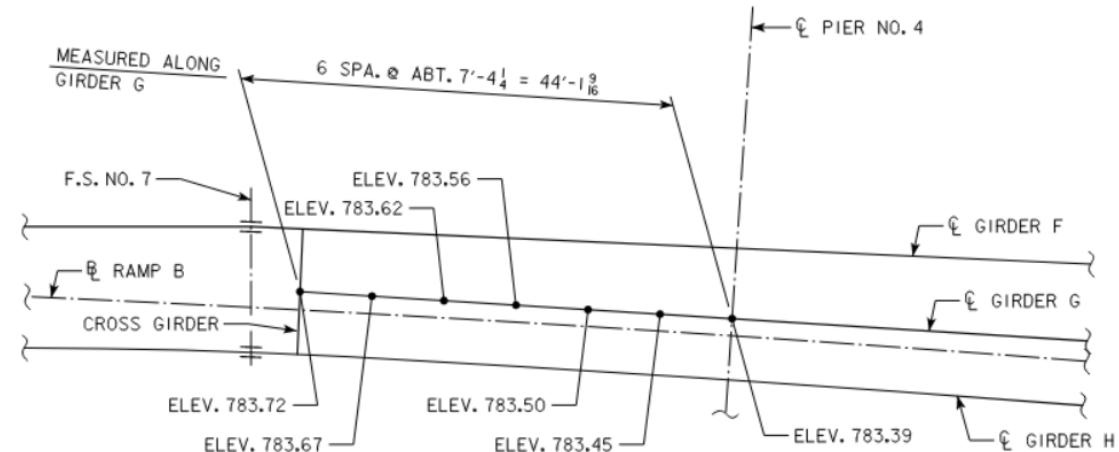
**TOP OF DECK ELEVATIONS**  
(FOR DISCONTINUOUS GIRDER B)



**TOP OF DECK ELEVATIONS**  
(FOR DISCONTINUOUS GIRDER C)



**TOP OF DECK ELEVATIONS**  
(FOR DISCONTINUOUS GIRDER E)



**TOP OF DECK ELEVATIONS**  
(FOR DISCONTINUOUS GIRDER G)

**NOTES:**

1.

Unit Test Instruction for the Design-to-Construction Data Exchange		
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.	.	.
1	12/22/23	.
No.	Date	Issue / Revision Notes
Unit Test Description		Unit Test / Sheet No.
LEVEL 1 Deck 03		
Drawn By	Reviewed By	
DHC	CDC	

**BIM**  
FOR  
BRIDGES  
AND STRUCTURES  
TPP-5(372)

**HDR**

**jō consulting**

**L1-Br03-Deck03 / 09**