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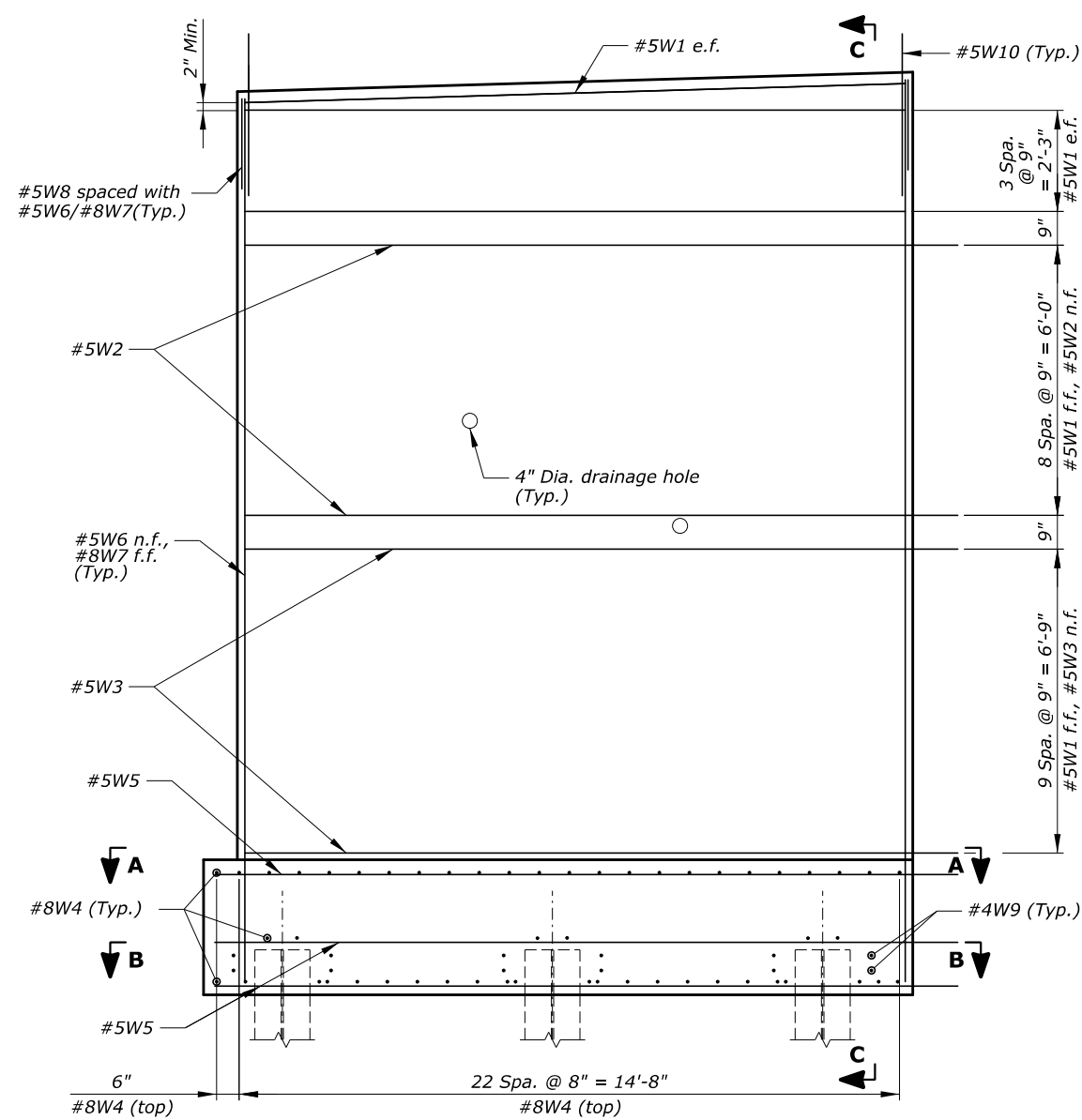
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STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R16

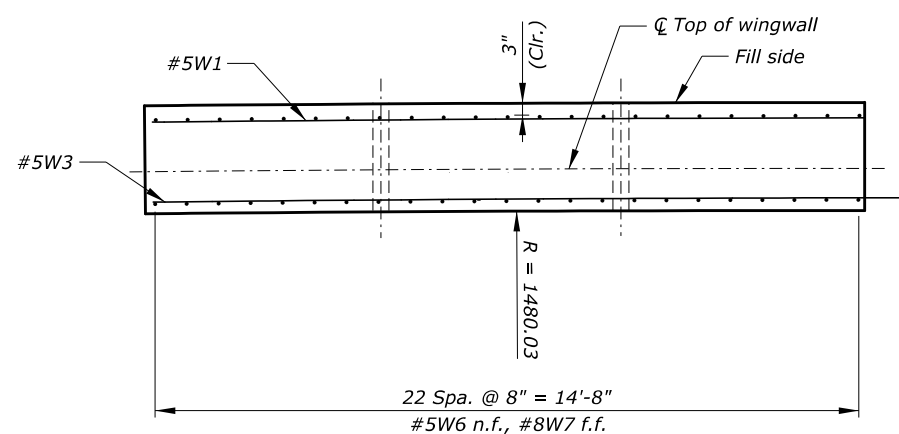
ACTUAL FILE: R16_BLR1_I26_WINGWALL C REINFORCEMENT.dgn

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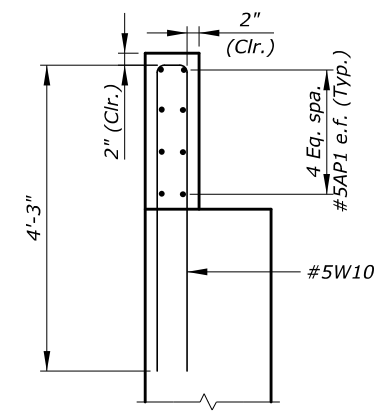


WINGWALL C ELEVATION VIEW
Scale: 1/2" = 1'-0"



SECTION A-A
Scale: 1/2" = 1'-0"

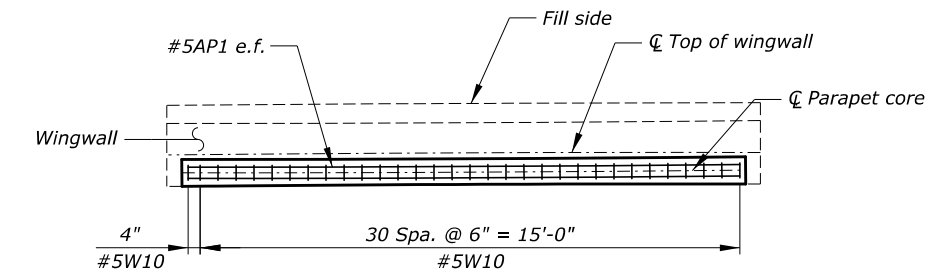
Key:
n.f. = near face
f.f. = far face
e.f. = each face



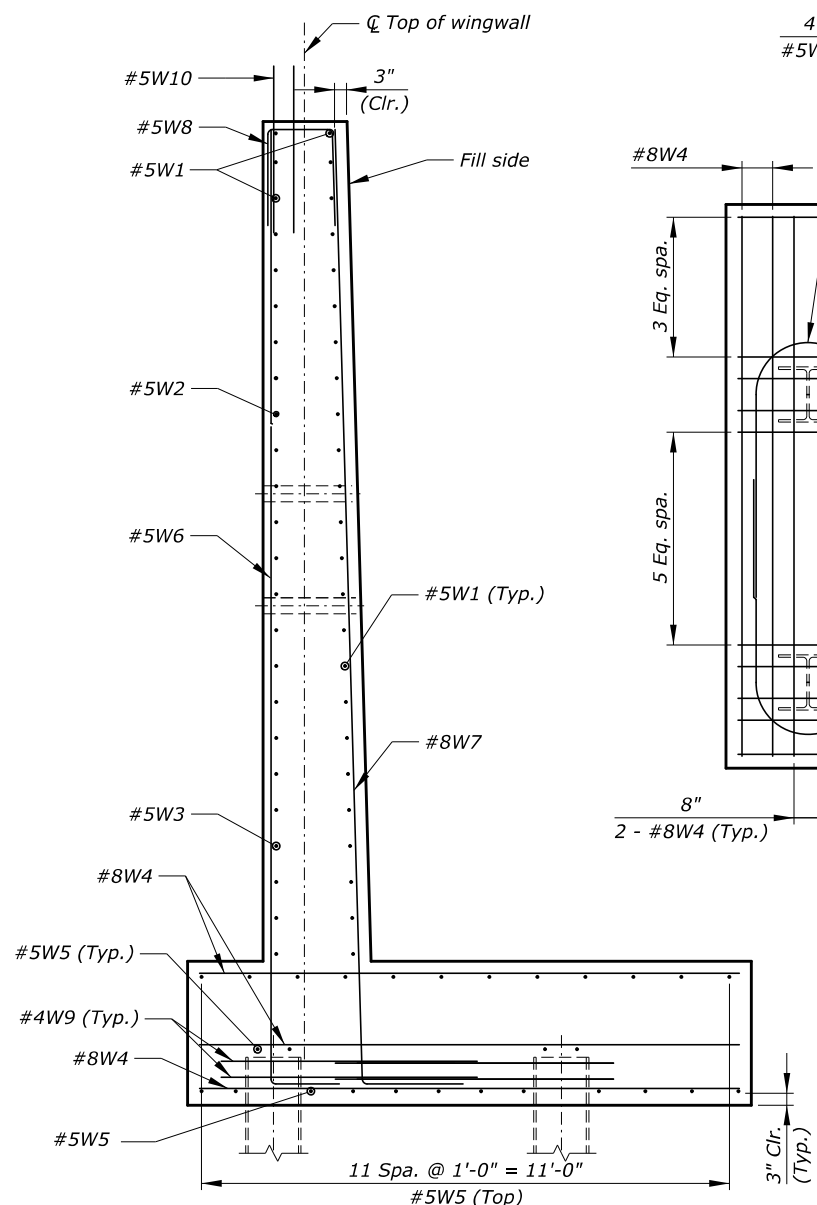
PARAPET ELEVATION VIEW
Scale: 3/4" = 1'-0"

Notes:

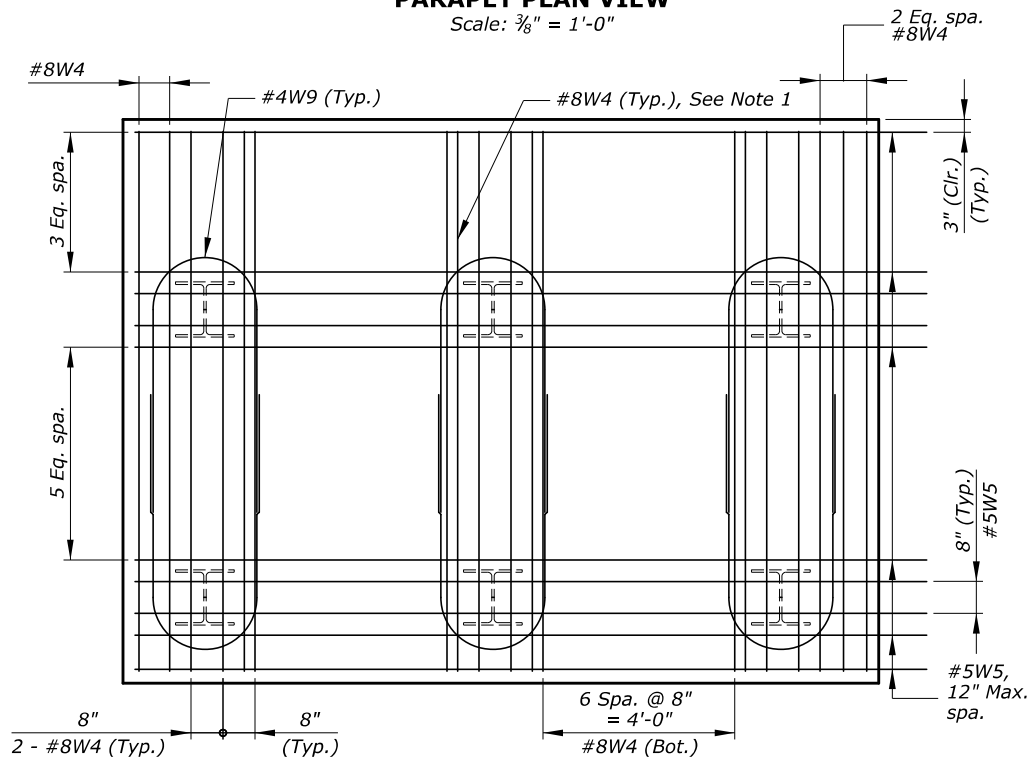
1. Space and cut all reinforcement to maintain 2-inch clearance around H-piles and adjacent reinforcement. Maximum spacing of 8 inches.
2. See "WINGWALL C LAYOUT" sheet for additional information.
3. Provide a minimum of 2'-0" lap splices for #5 bars.



PARAPET PLAN VIEW
Scale: 3/8" = 1'-0"



SECTION C-C
Scale: 1/2" = 1'-0"



SECTION B-B WINGWALL FOOTING
Scale: 1/2" = 1'-0"

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
EASTERN FEDERAL LANDS HIGHWAY DIVISION

BLUE RIDGE PARKWAY

BRIDGE OVER I-26

WINGWALL C REINFORCEMENT

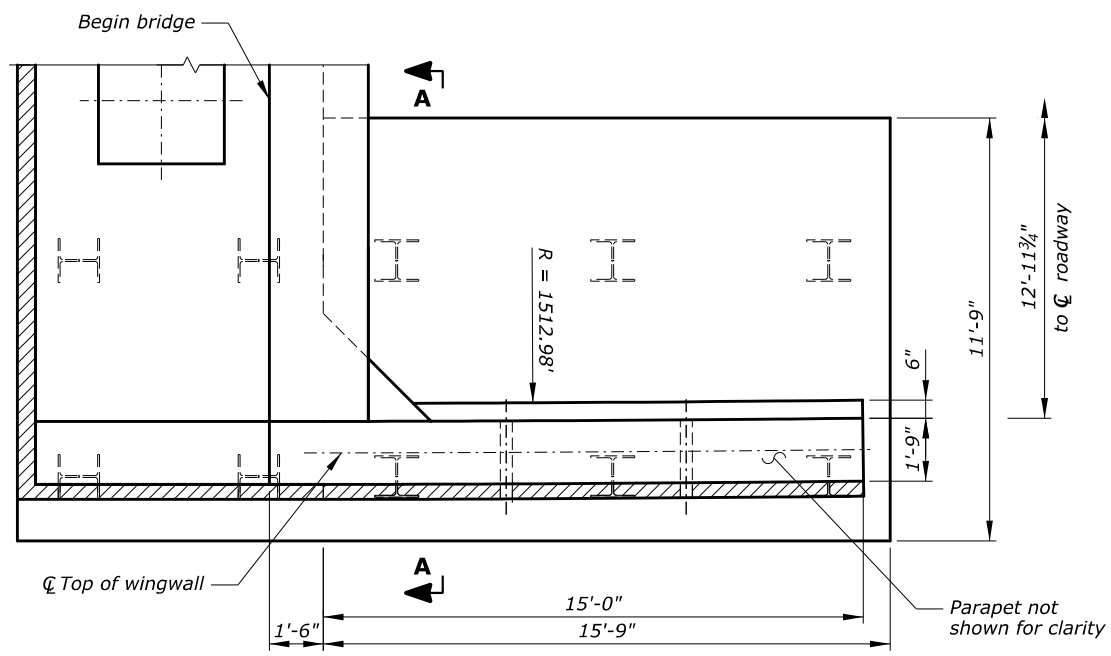
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								LE	LE	CWN	As Shown	George Choubah	16 of 228	December 2018	BRP-1265

ACTUAL FILE: R17_BLR1_126_WINGWALL_LAYOUT D.dgn

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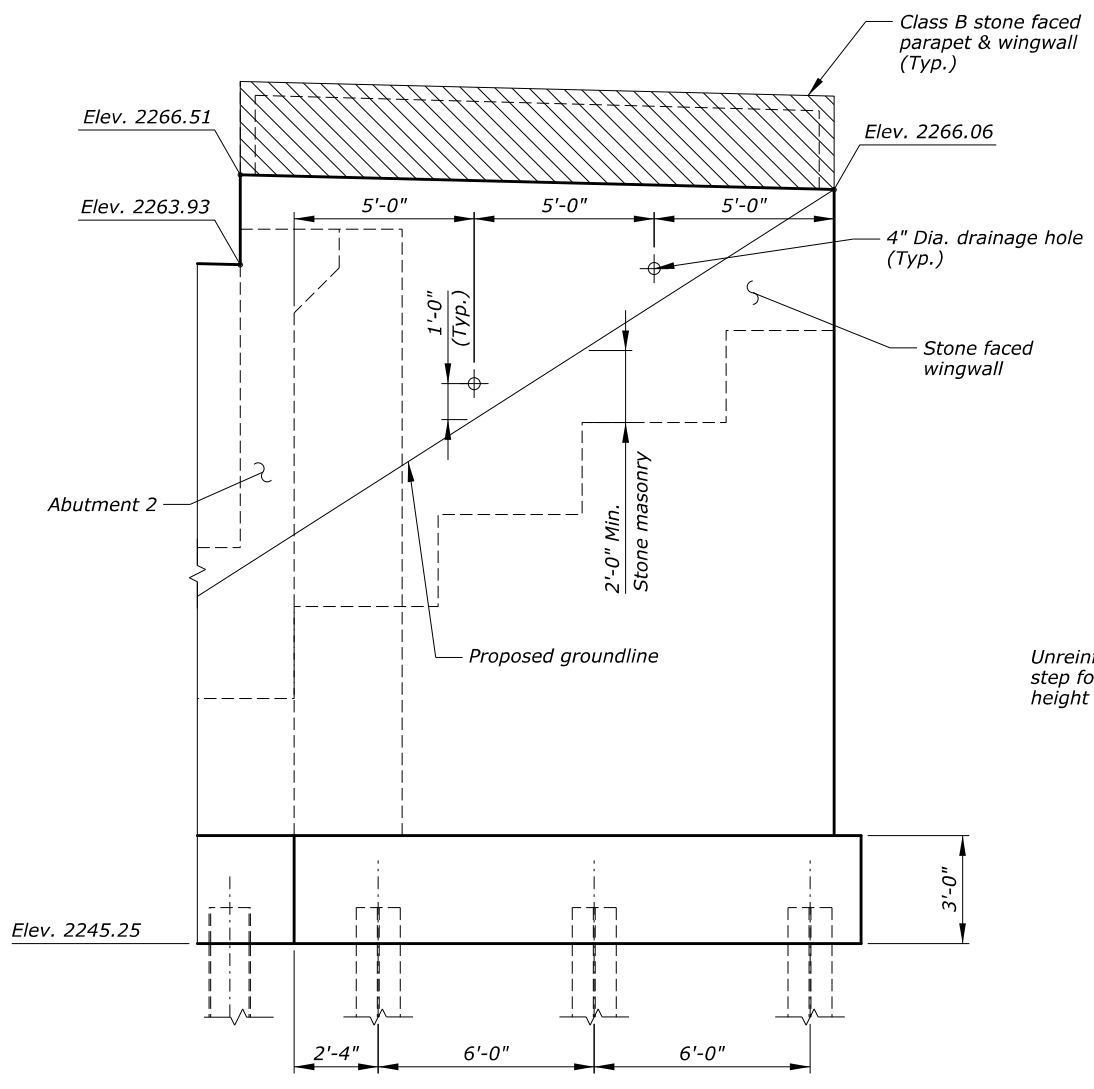
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NC	BLRI OVER I-26	R17



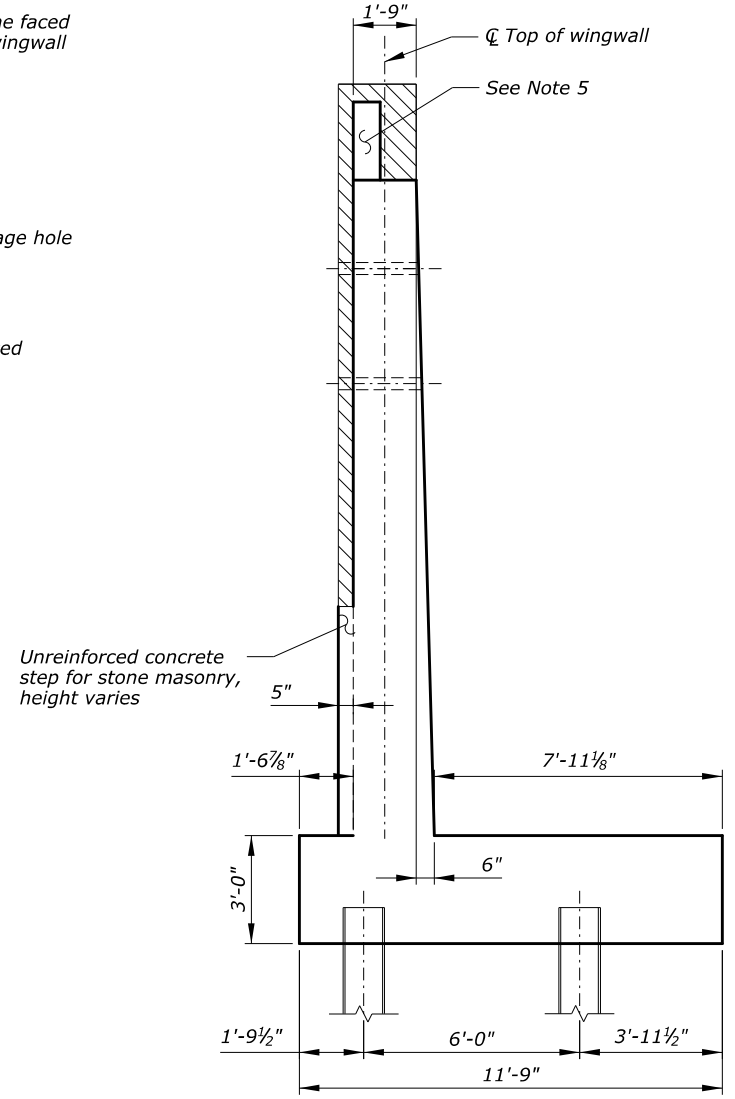
WINGWALL D PLAN

Note:

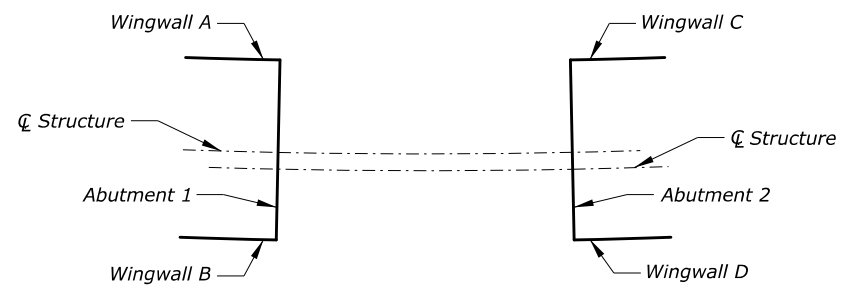
1. See "ABUTMENT 2 REINFORCEMENT" and "ABUTMENT 2 LAYOUT" sheets for additional information.
2. See "WINGWALL D REINFORCEMENT" sheet for additional information.
3. See "FOUNDATION LAYOUT" sheet for additional information.
4. Anchor masonry to concrete per anchor manufacturer's instructions utilizing stainless steel dovetail anchor and slots, spaced at 24 inch max.
5. See "WINGWALL B LAYOUT" sheet for stone masonry details.
6. Adjust elevation of weepholes to outlet 1-ft above finish grade.
7. See BRIDGE RAIL and "APPROACH SLAB" sheets for additional information.



WINGWALL D ELEVATION



SECTION A-A



Key:

- n.f. = near face
- f.f. = far face
- e.f. = each face

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BLUE RIDGE PARKWAY

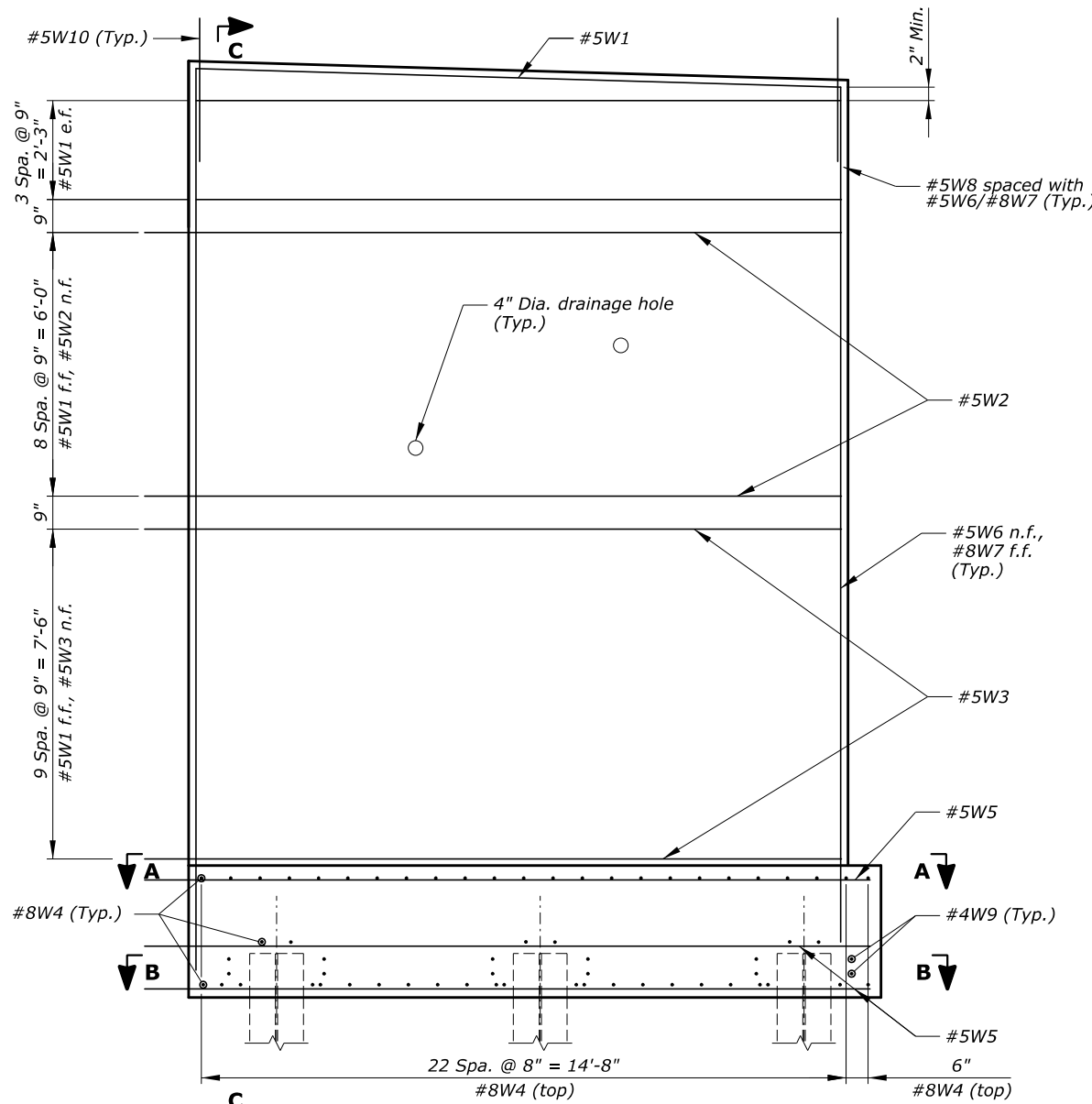
 BRIDGE OVER I-26

WINGWALL D LAYOUT

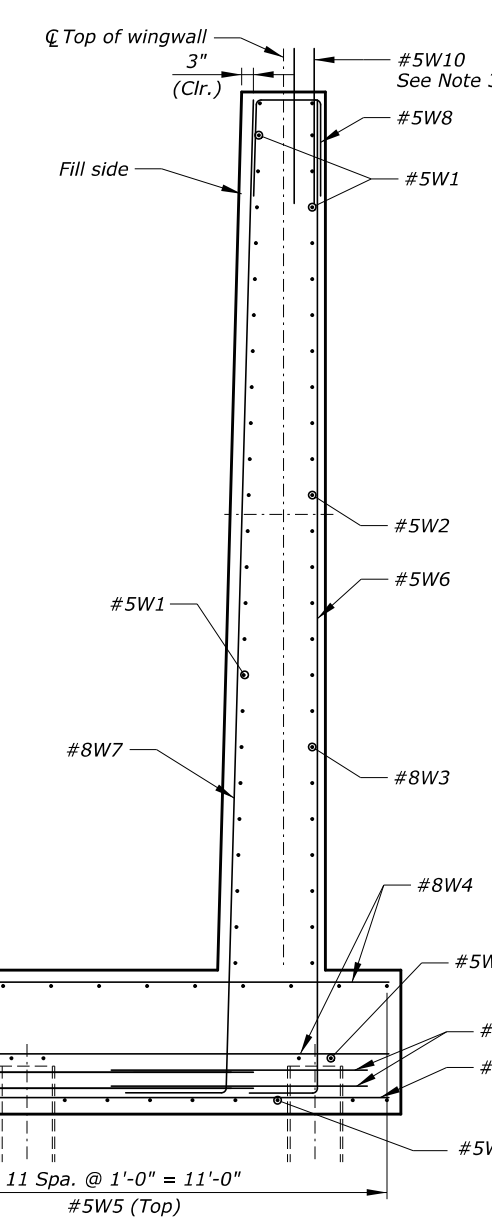
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								LE	LE	CWN	$\frac{3}{8}'' = 1'-0''$	George Choubah	17 of 228	December 2018	BRP-1265

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R18

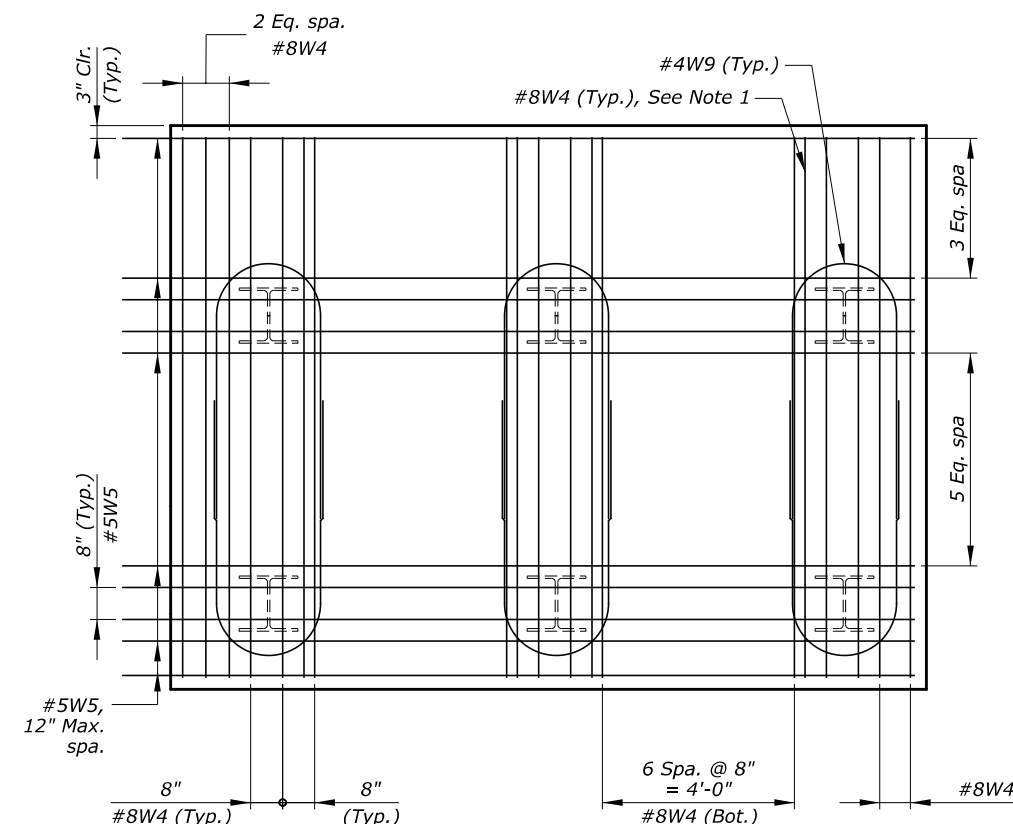
- Notes:
1. Space and cut all reinforcement to maintain 2-inch clearance around H-piles and adjacent reinforcement. Maximum spacing of 8 inches.
 2. See "WINGWALL D LAYOUT" sheet for additional information.
 3. See "WINGWALL C REINFORCEMENT" sheet for additional information.
 4. Provide a minimum of 2'-0" lap splices for #5 bars.



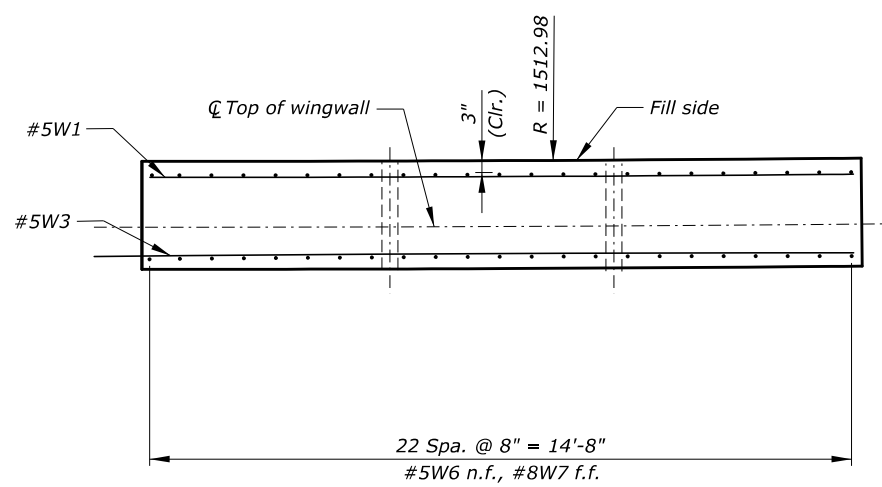
WINGWALL D ELEVATION VIEW



SECTION C-C



SECTION B-B WINGWALL FOOTING



SECTION A-A

Key:
n.f. = near face
f.f. = far face
e.f. = each face

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
EASTERN FEDERAL LANDS HIGHWAY DIVISION
BLUE RIDGE PARKWAY
BRIDGE OVER I-26
WINGWALL D REINFORCEMENT

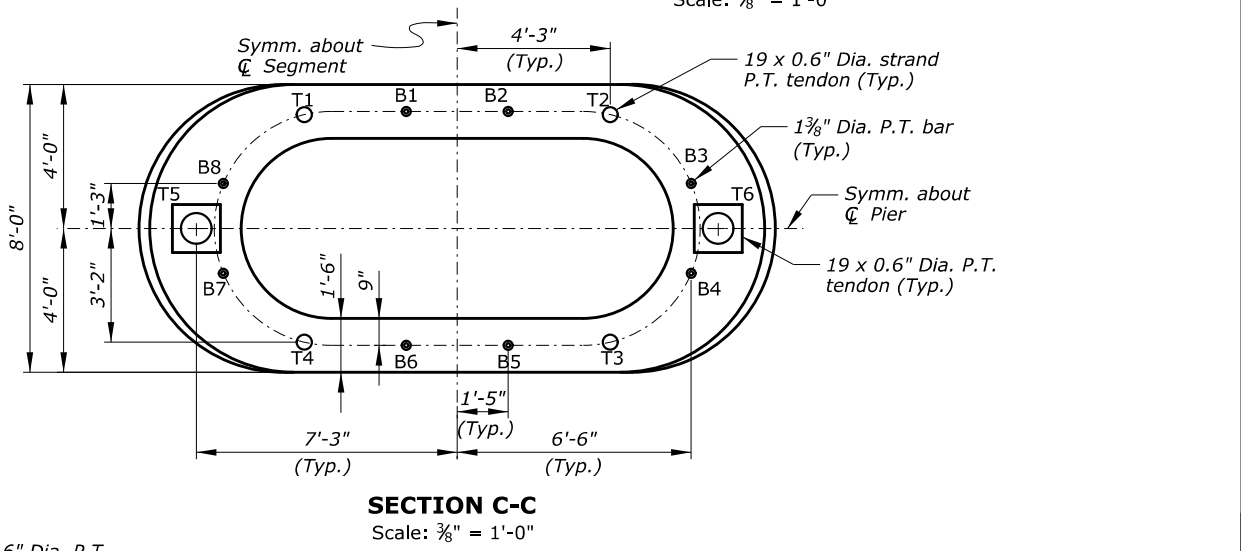
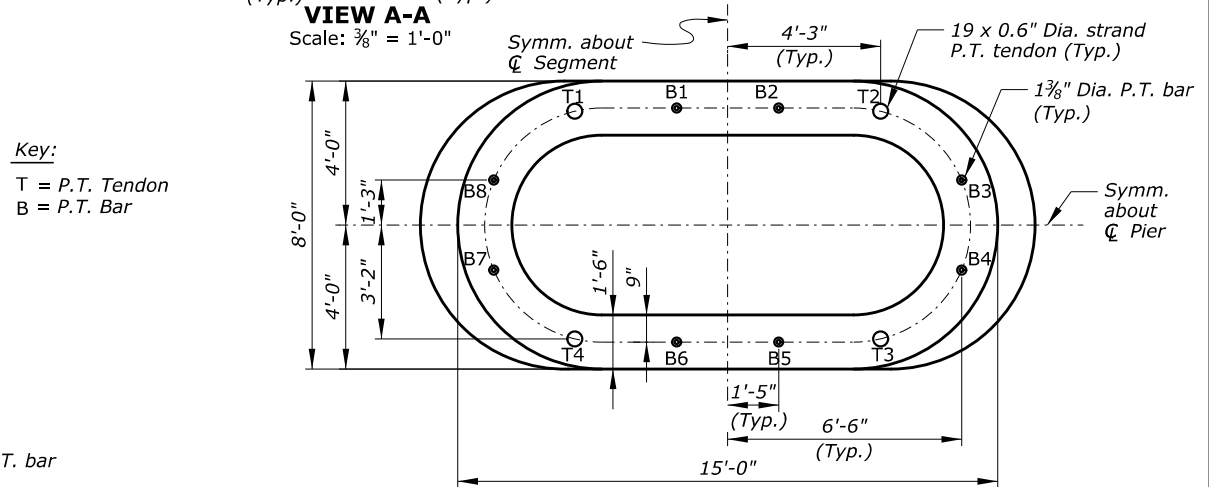
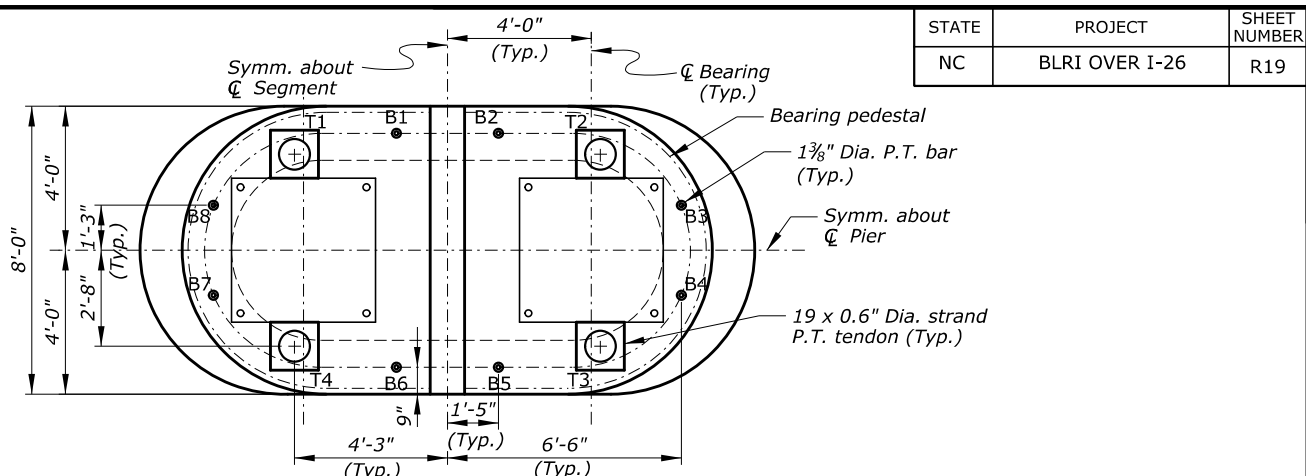
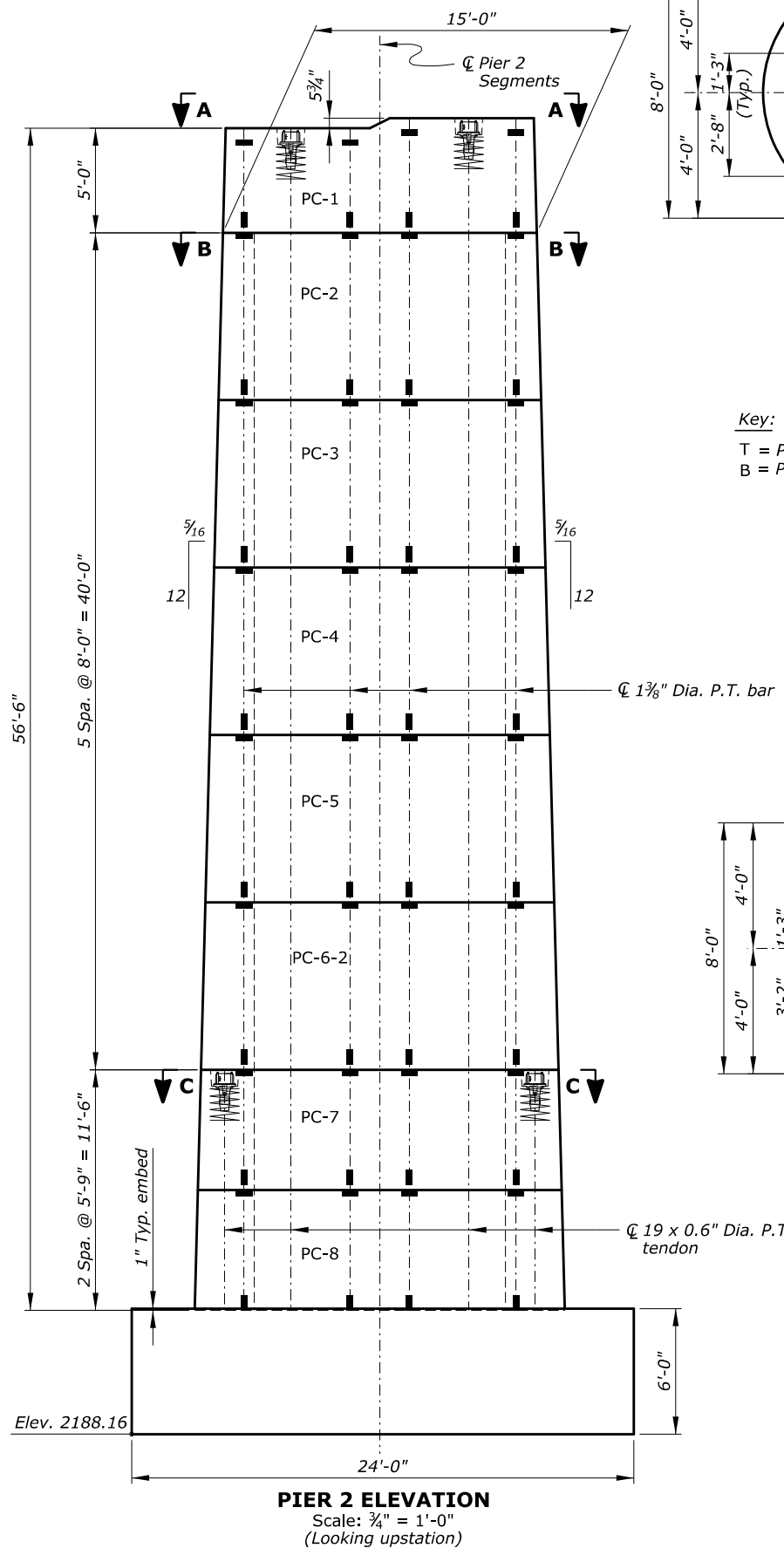
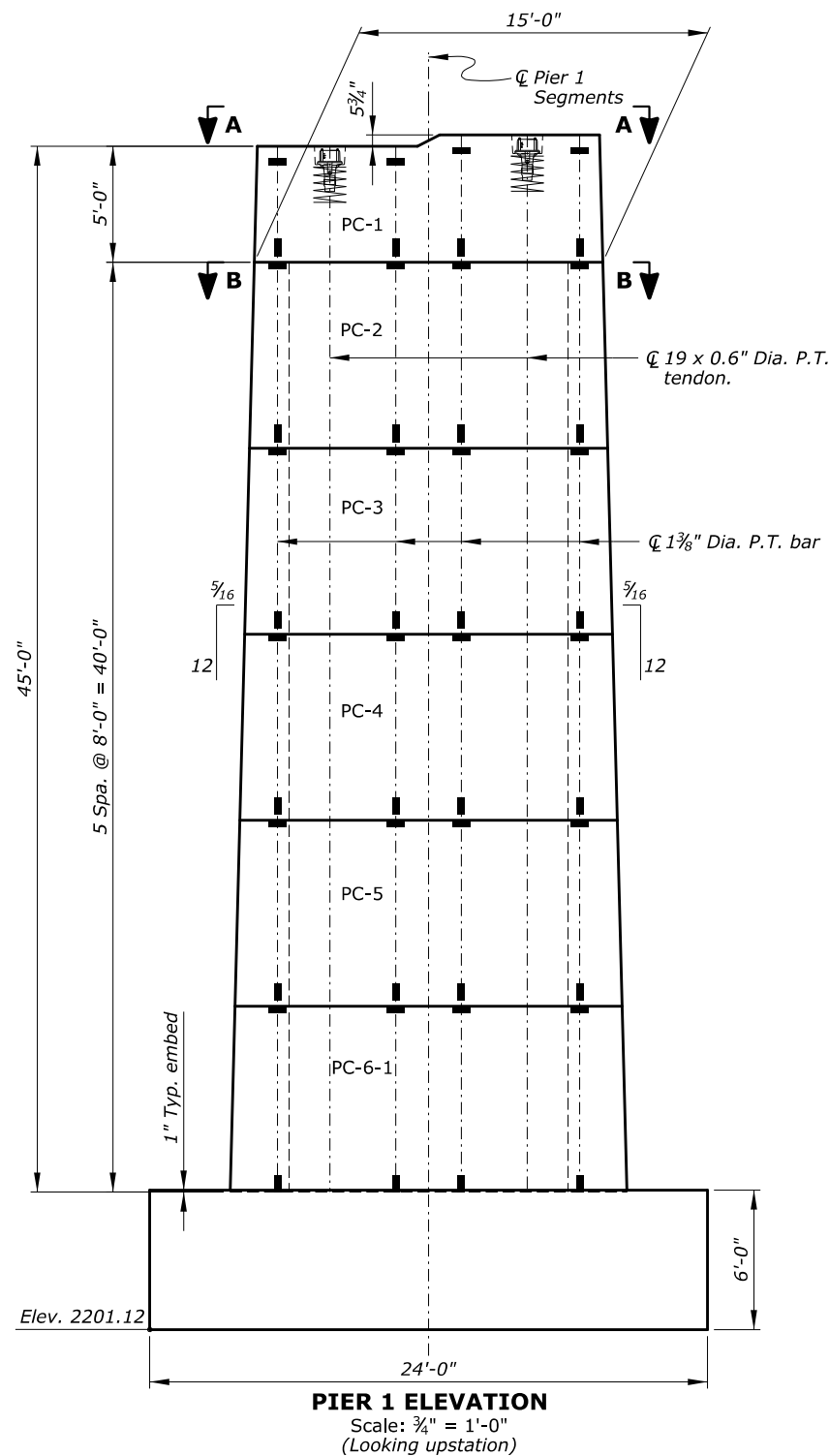
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NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								LE	LE	CWN	1/2" = 1'-0"	George Choubah	18 of 228	December 2018	BRP-1265

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R19

Notes:

1. For segment embedment and footing recess details, see "PIER MISCELLANEOUS DETAILS - 1" sheet.
2. Minimum clear cover is 2 inches, unless otherwise noted.
3. Provide a minimum of 3 feet of backfill cover over the top of the pier footings. Backfill shall conform to NCDOT select material fill.
4. Anchorages T1 and T2, T3 and T4, T5 and T6 respectively are for one continuous 19 strand tendon. Each tendon requires two-end stressing for symmetry of the structure and tendon geometry. Meeting the stress conditions stated on the "GENERAL NOTES - 1" and "GENERAL NOTES - 2" sheet.



Key:
T = P.T. Tendon
B = P.T. Bar

- LEGEND
- Tendon Anchorage
 - P.T. Bar Anchor Plate
 - P.T. Bar Coupler

U.S. DEPARTMENT OF TRANSPORTATION
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EASTERN FEDERAL LANDS HIGHWAY DIVISION

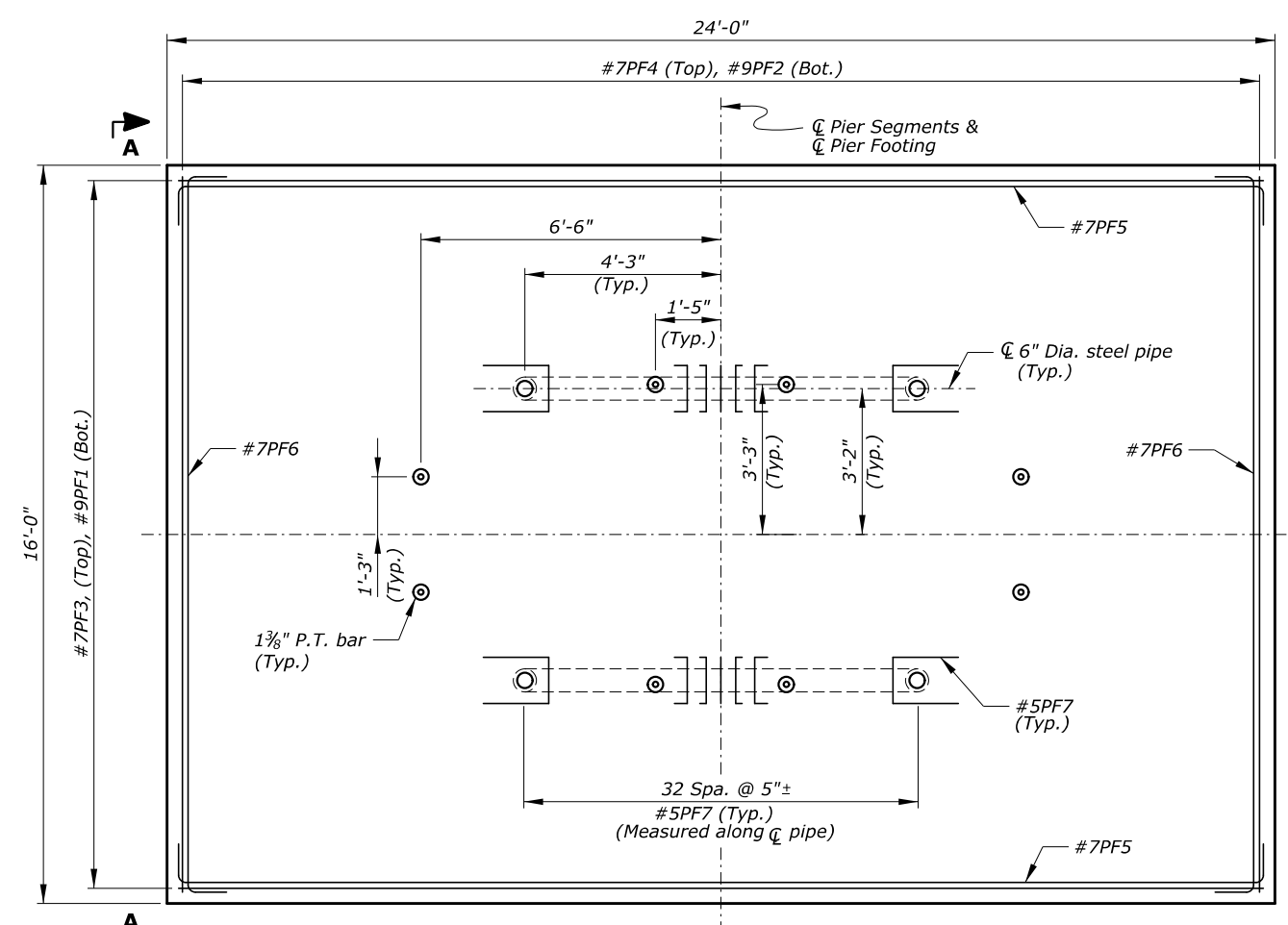
BLUE RIDGE PARKWAY

BRIDGE OVER I-26

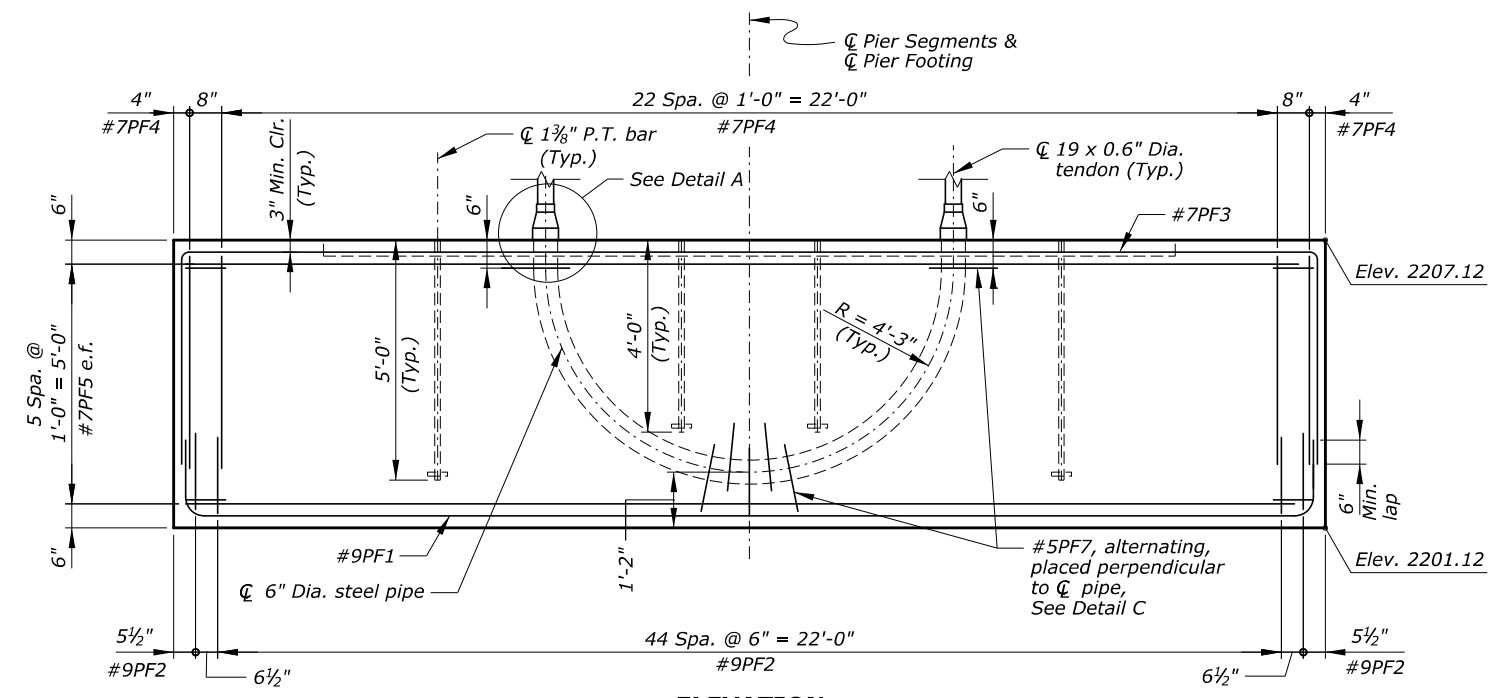
PIER LAYOUT

NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								HC	BK	CWN	As Shown	George Choubah	19 of 228	December 2018	BRP-1265

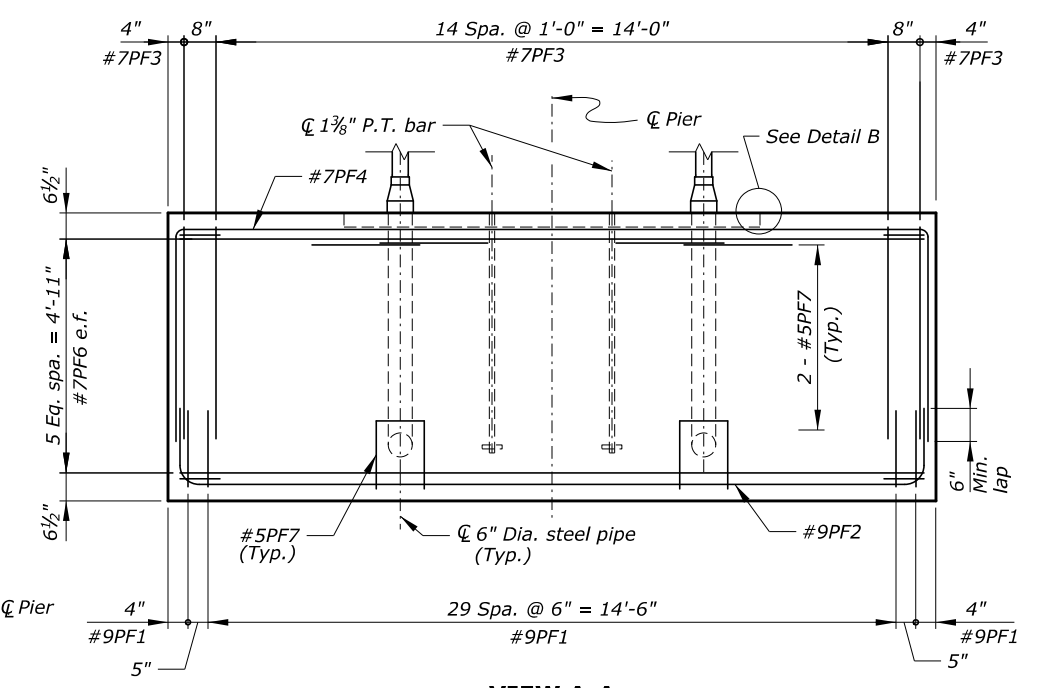
STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R20



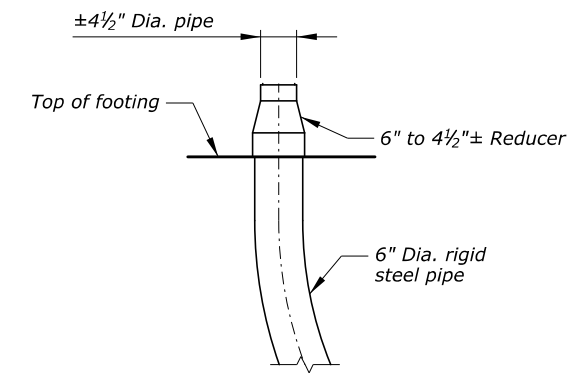
PLAN
Scale: 1/2" = 1'-0"



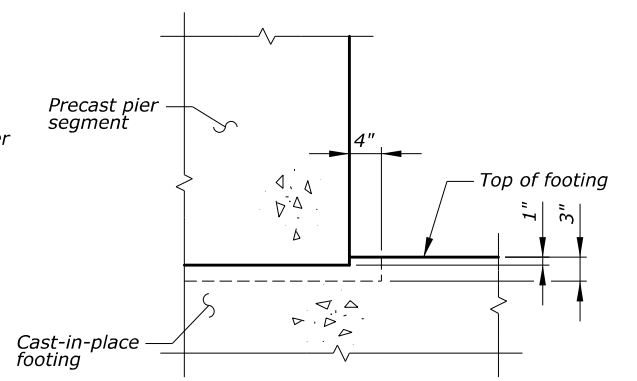
ELEVATION
Scale: 1/2" = 1'-0"



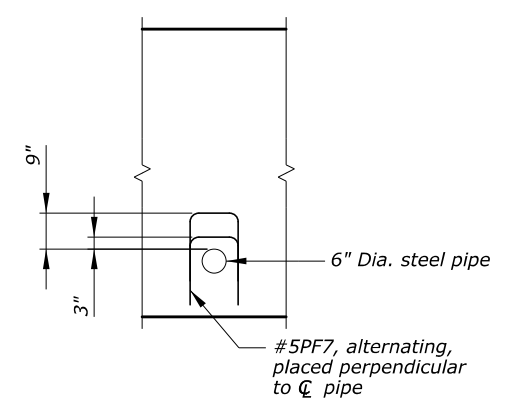
VIEW A-A
Scale: 1/2" = 1'-0"



DETAIL A
Scale: 1/2" = 1'-0"



DETAIL B
Scale: 1" = 1'-0"



DETAIL C
Scale: 1/2" = 1'-0"

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EASTERN FEDERAL LANDS HIGHWAY DIVISION

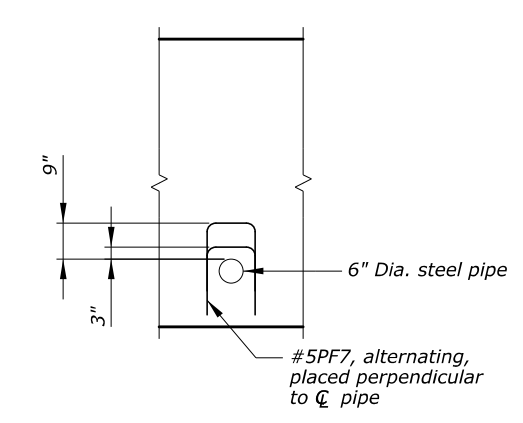
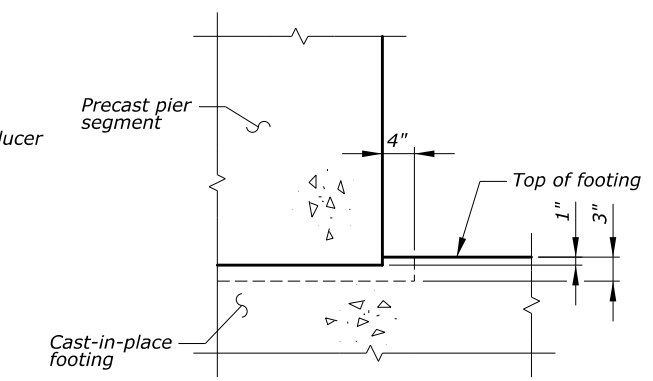
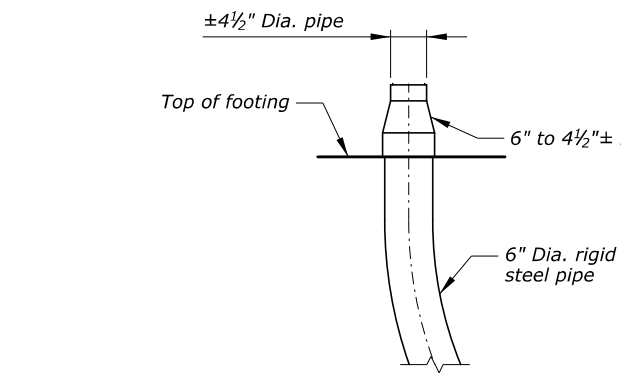
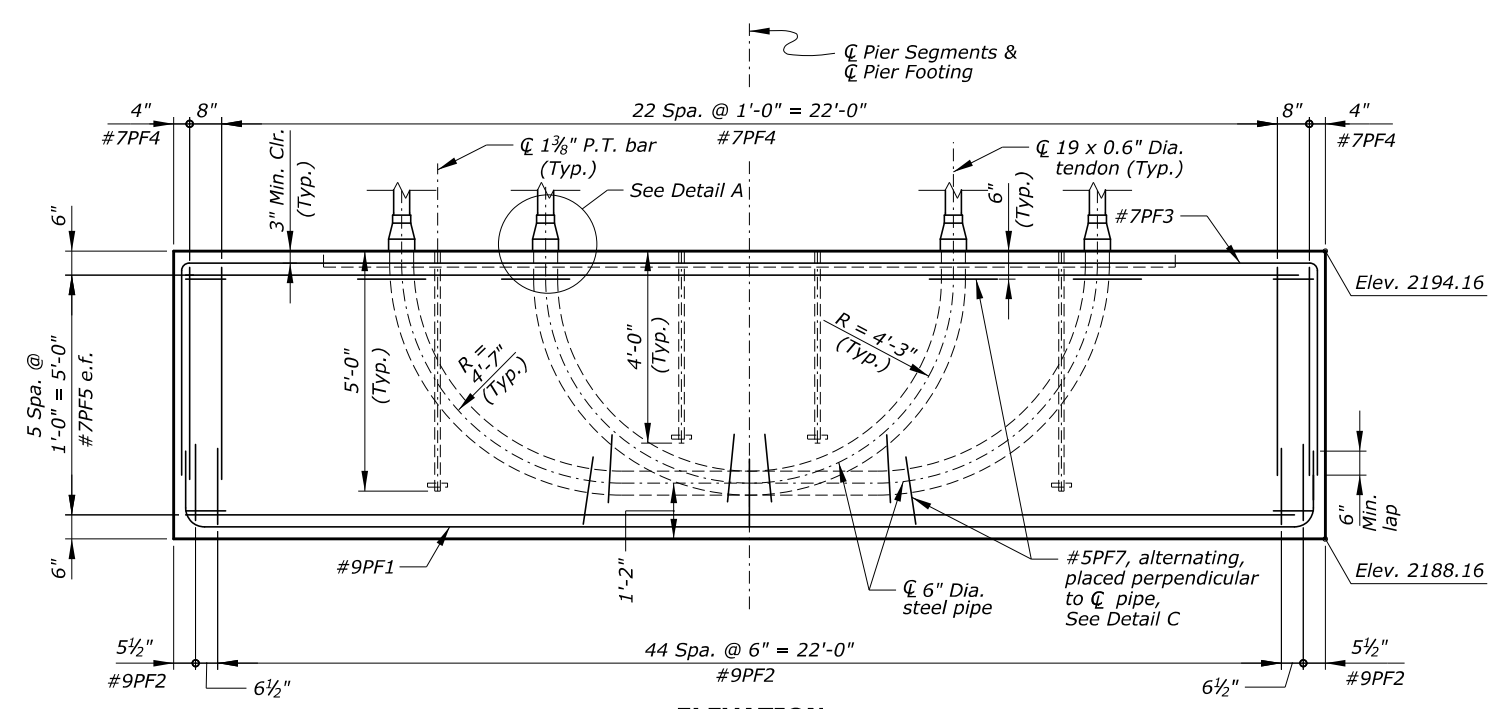
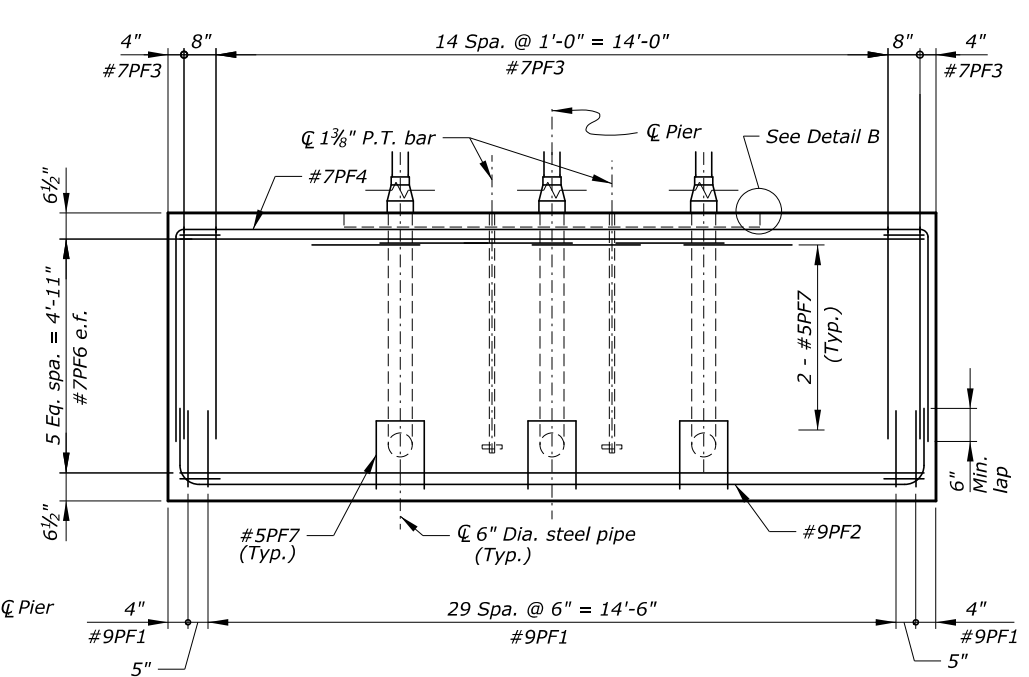
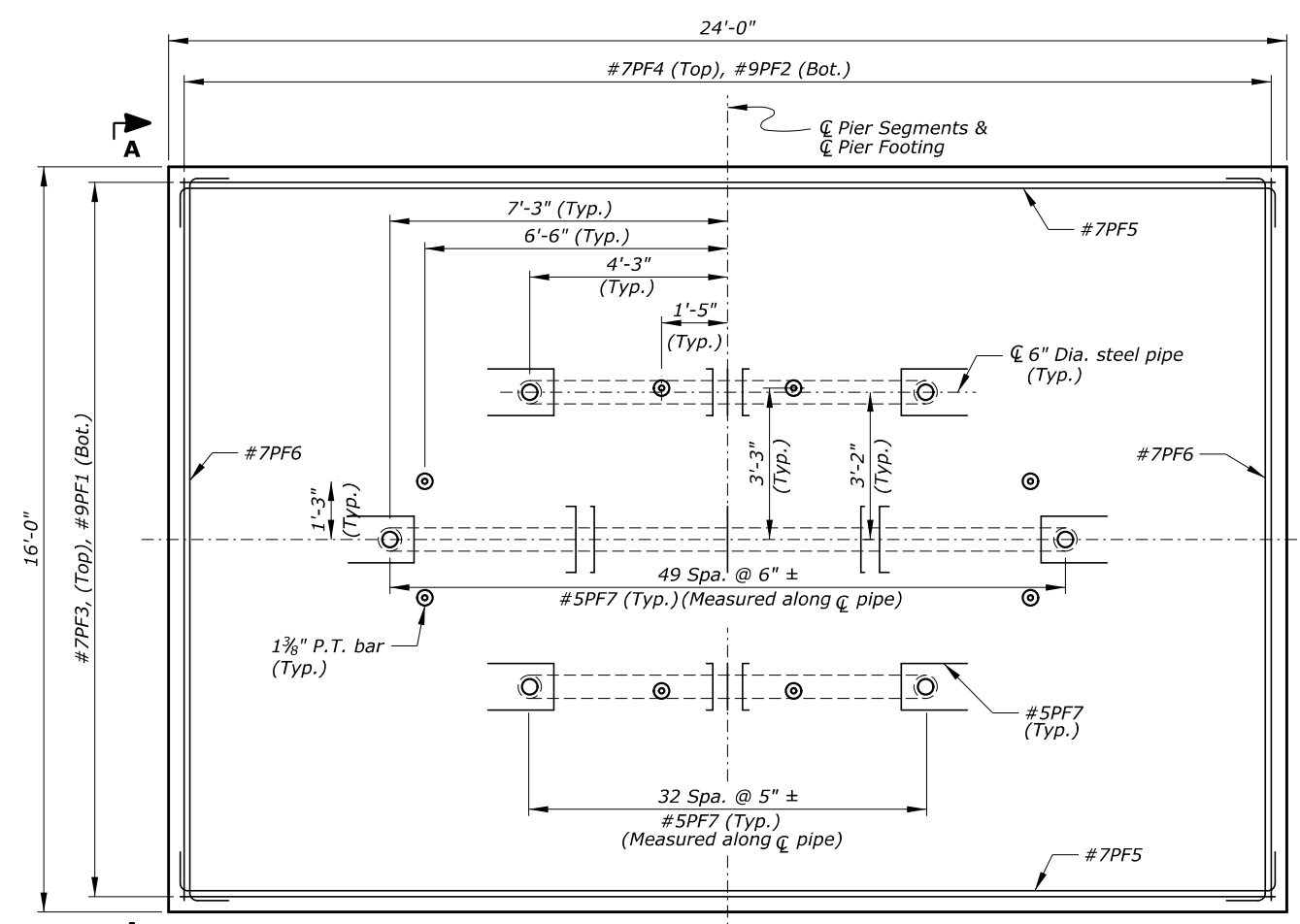
BLUE RIDGE PARKWAY

BRIDGE OVER I-26

PIER 1 FOOTING

NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								HC	BK	CWN	As Shown	George Choubah	20 of 228	March 2019	BRP-1265

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R21



U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
EASTERN FEDERAL LANDS HIGHWAY DIVISION

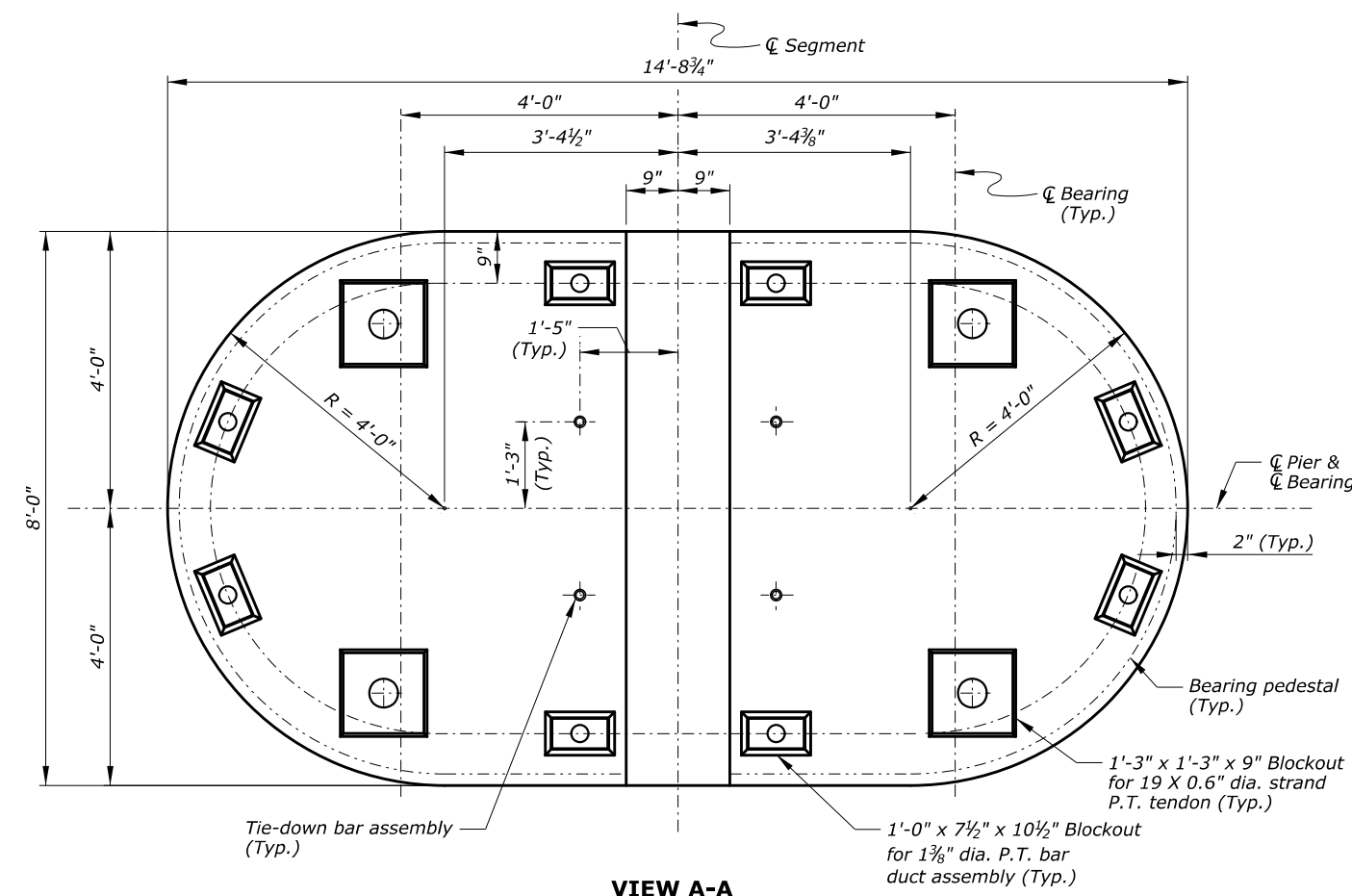
BLUE RIDGE PARKWAY

BRIDGE OVER I-26

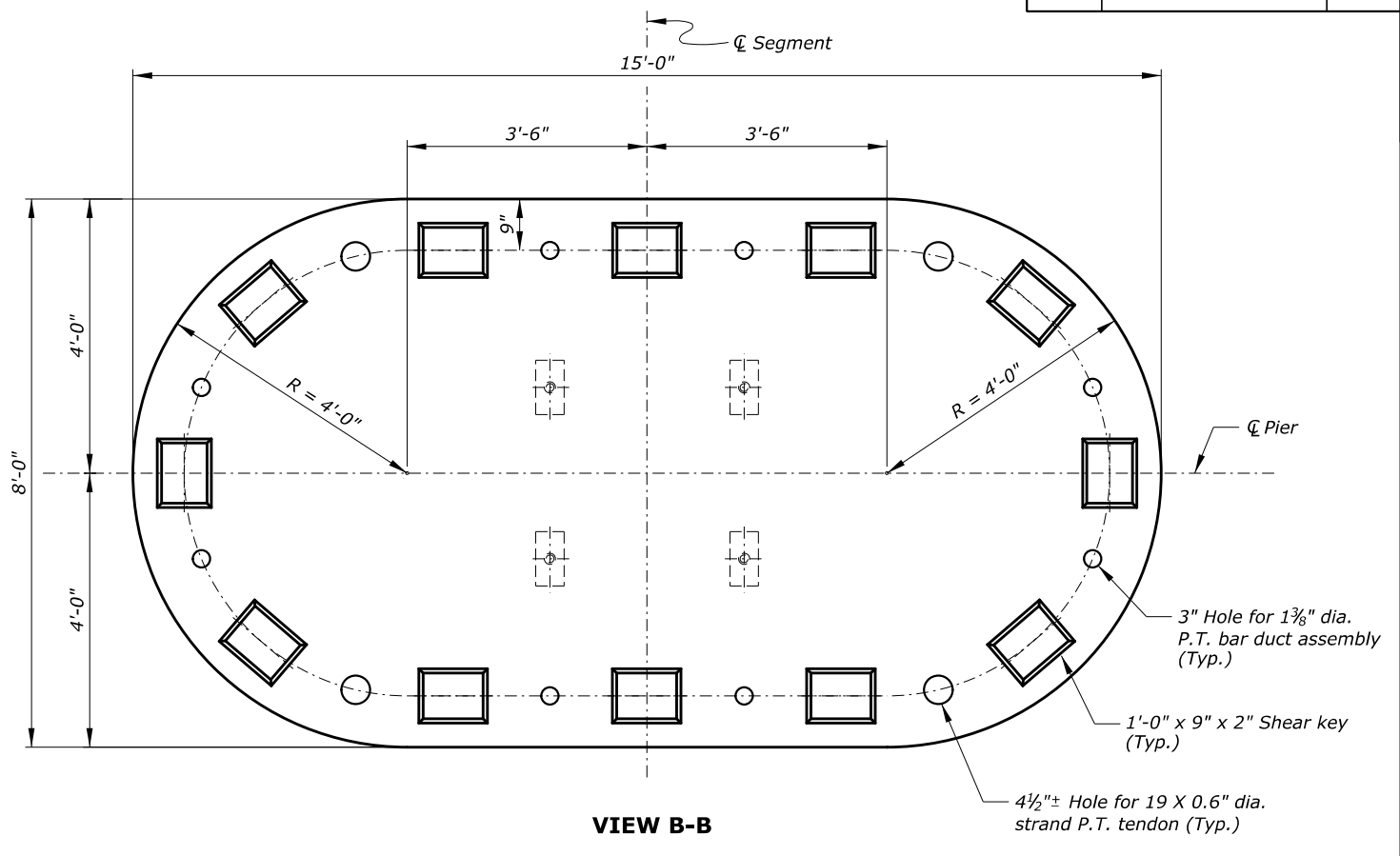
PIER 2 FOOTING

NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								HC	BK	CWN	As Shown	George Choubah	21 of 228	March 2019	BRP-1265

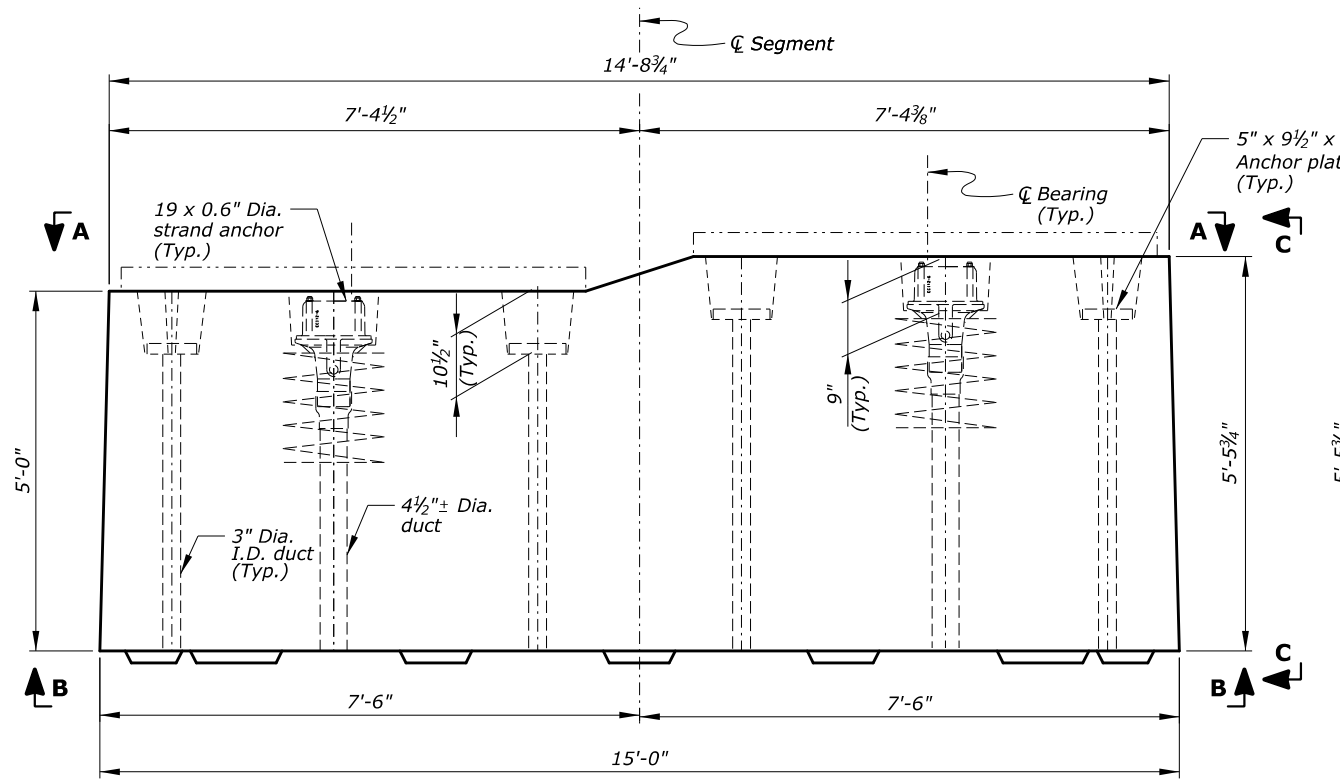
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NC	BLRI OVER I-26	R22



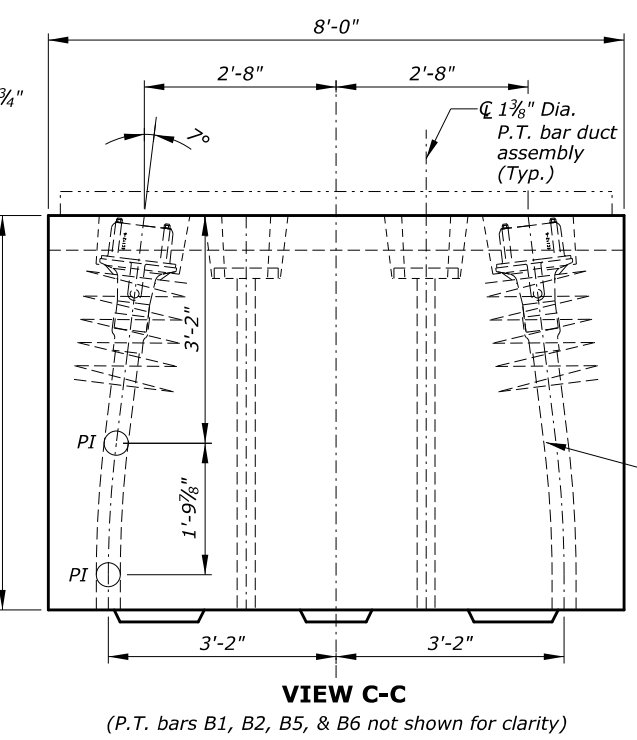
VIEW A-A



VIEW B-B



ELEVATION



VIEW C-C
(P.T. bars B1, B2, B5, & B6 not shown for clarity)

*ESTIMATED QUANTITIES		
ITEM	UNIT	QUANTITY
Concrete - Class Special (6000 psi)	Cu. Yd.	21.1
9 1/2" x 5" x 1 3/4" P.T. Bar Anchor Plate	Each	8
1 3/8" P.T. Bar Duct Assembly**	Each	8
4 1/2"± I.D. Duct (7'-2" long)	Each	4
Duct Coupler (4 1/2"± I.D. Duct)	Each	4

* Quantities are for one Precast Box Pier Segment
 ** Duct assembly consists of 4 1/2"± I.D. duct (4'-0" long) with duct adapter

- Notes:
1. For shear key details, see "PIER MISCELLANEOUS DETAILS - 1" sheet.
 2. For post-tensioning details, see "PIER MISCELLANEOUS DETAILS - 1" sheet.
 3. For bearing pedestal details, see "PIER MISCELLANEOUS DETAILS - 2" sheet.

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BLUE RIDGE PARKWAY

BRIDGE OVER I-26

PIER SEGMENT PC-1 LAYOUT

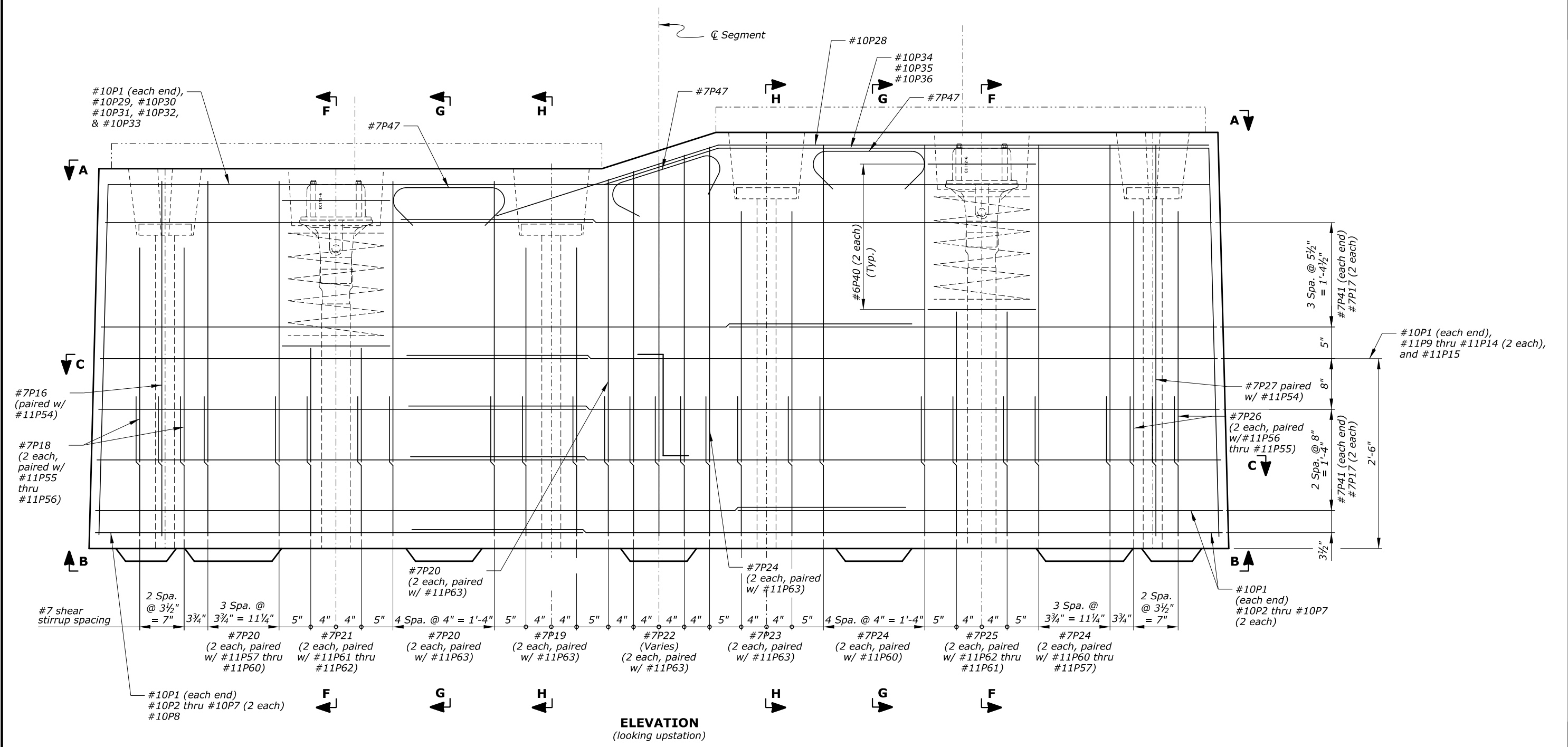
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STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R23

ACTUAL FILE: R23_BLR1_I26_PIER_SEGMENT REINF PC-1 - 1.DGN

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Notes:

1. For View A-A, View B-B, and Section C-C details, see "PIER SEGMENT PC-1 REINFORCEMENT - 2" sheet.
2. For Section E-E, F-F, G-G, and H-H details, see "PIER SEGMENT PC-1 REINFORCEMENT - 3" sheet.
3. Space all reinforcement to clear P.T. bars, P.T. tendons, and blockouts.

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BLUE RIDGE PARKWAY

BRIDGE OVER I-26

PIER SEGMENT PC-1 REINFORCEMENT - 1

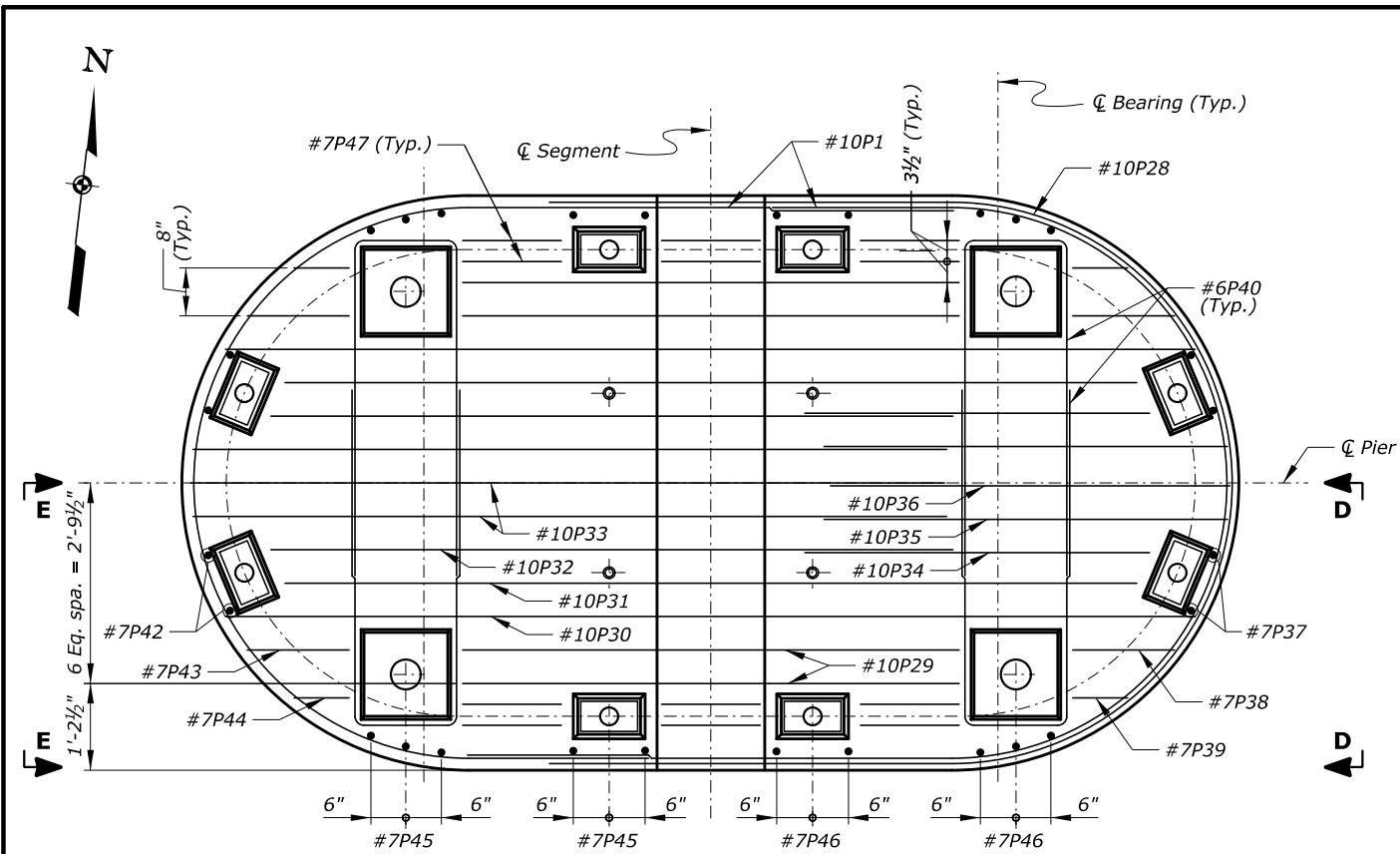
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STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R24

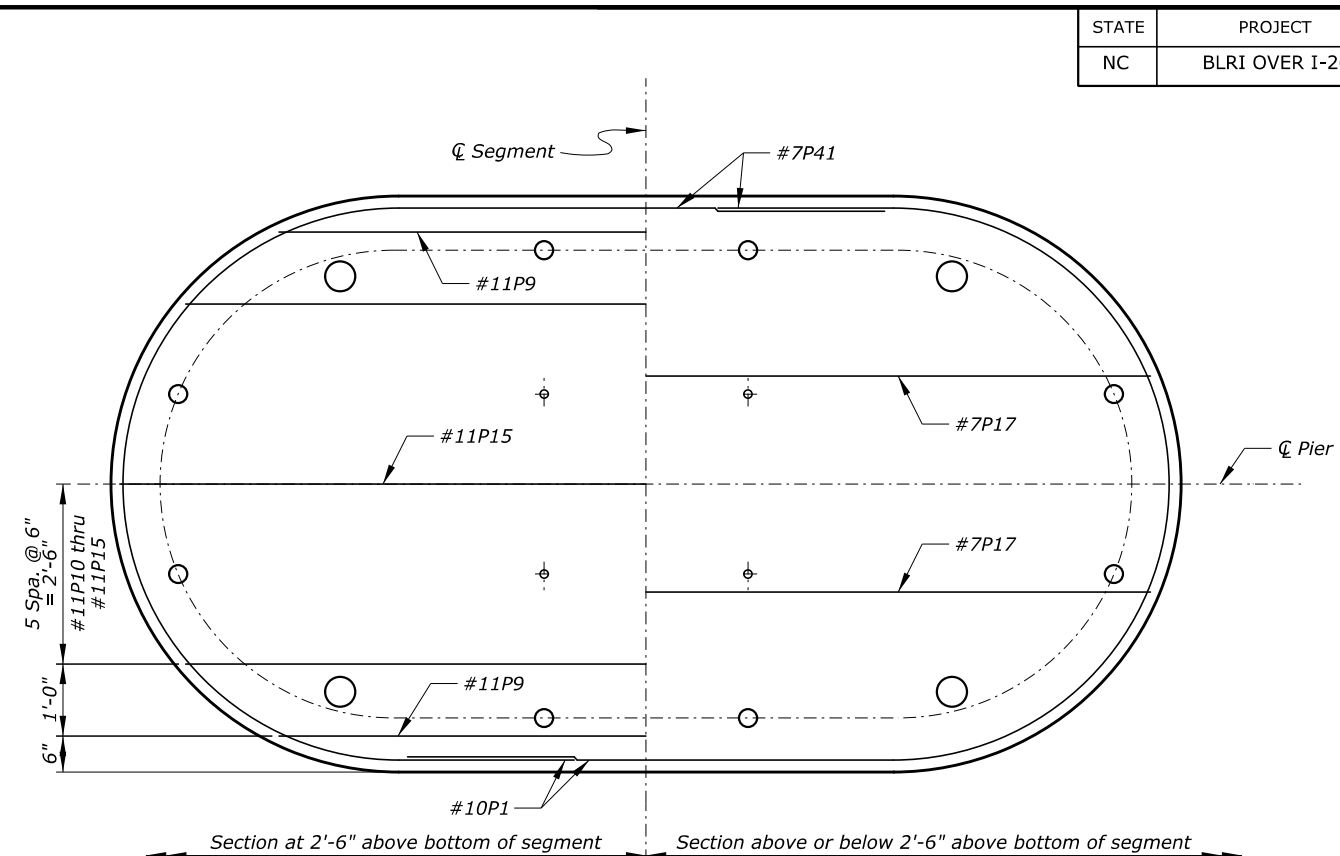
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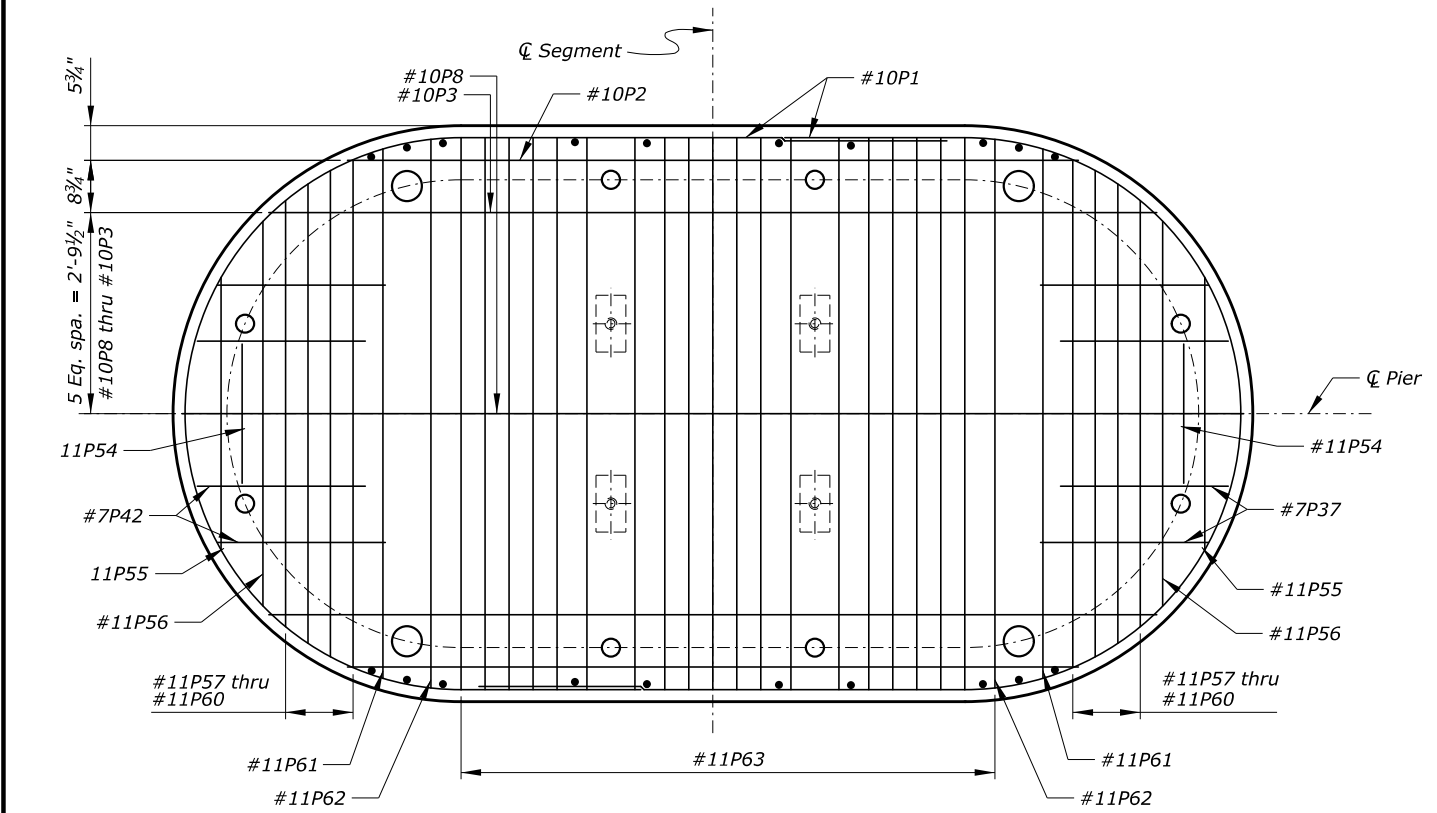
VIEW A-A
(Symmetrical about C Pier)
(#7 transverse stirrups not shown for clarity)



SECTION C-C
(Symmetrical about C Pier and C Segment)
(#7 transverse stirrups not shown for clarity)

Notes:

1. For locations of View A-A, View B-B, and Section C-C, see "PIER SEGMENT PC-1 REINFORCEMENT - 1" sheet.
2. For View D-D and E-E details, see "PIER SEGMENT PC-1 REINFORCEMENT - 3" sheet.
3. Space all reinforcement to clear P.T. bars, P.T. tendons, and blockouts.



VIEW B-B
(Symmetrical about C Pier and C Segment)
(Bars #10P29 through #10P36 not shown for clarity)

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EASTERN FEDERAL LANDS HIGHWAY DIVISION

BLUE RIDGE PARKWAY

BRIDGE OVER I-26

PIER SEGMENT PC-1 REINFORCEMENT - 2

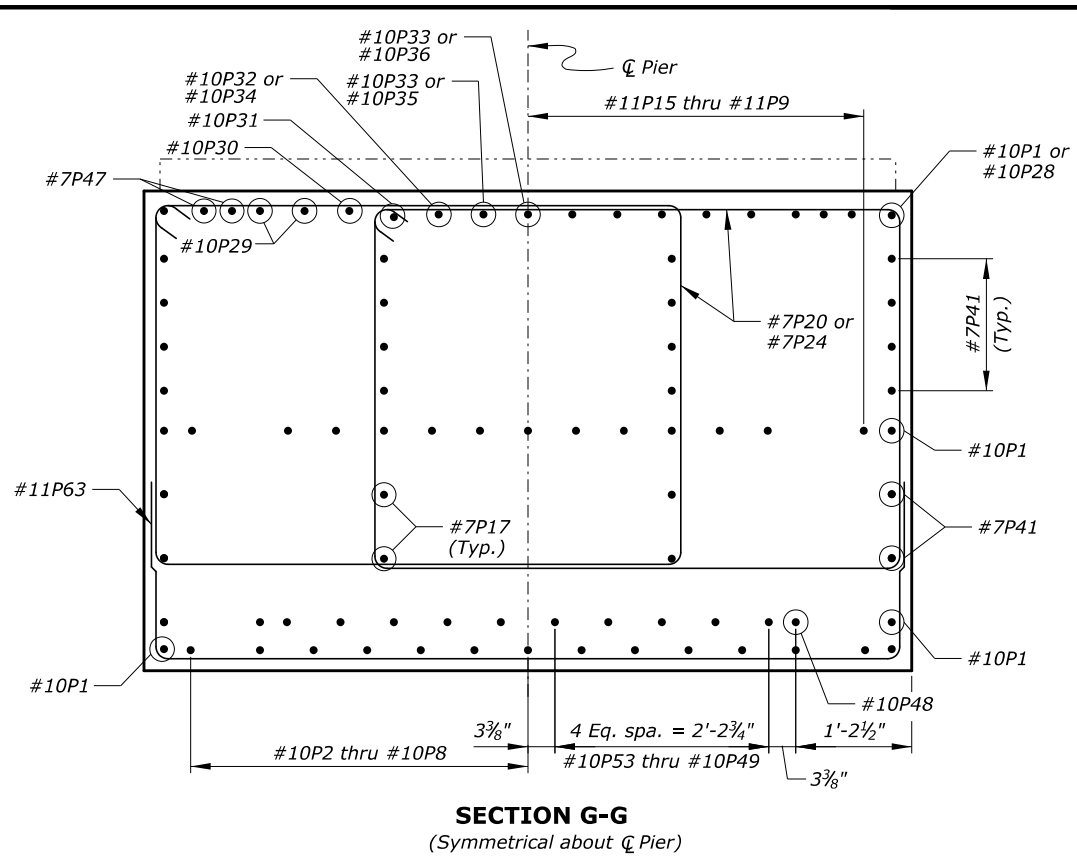
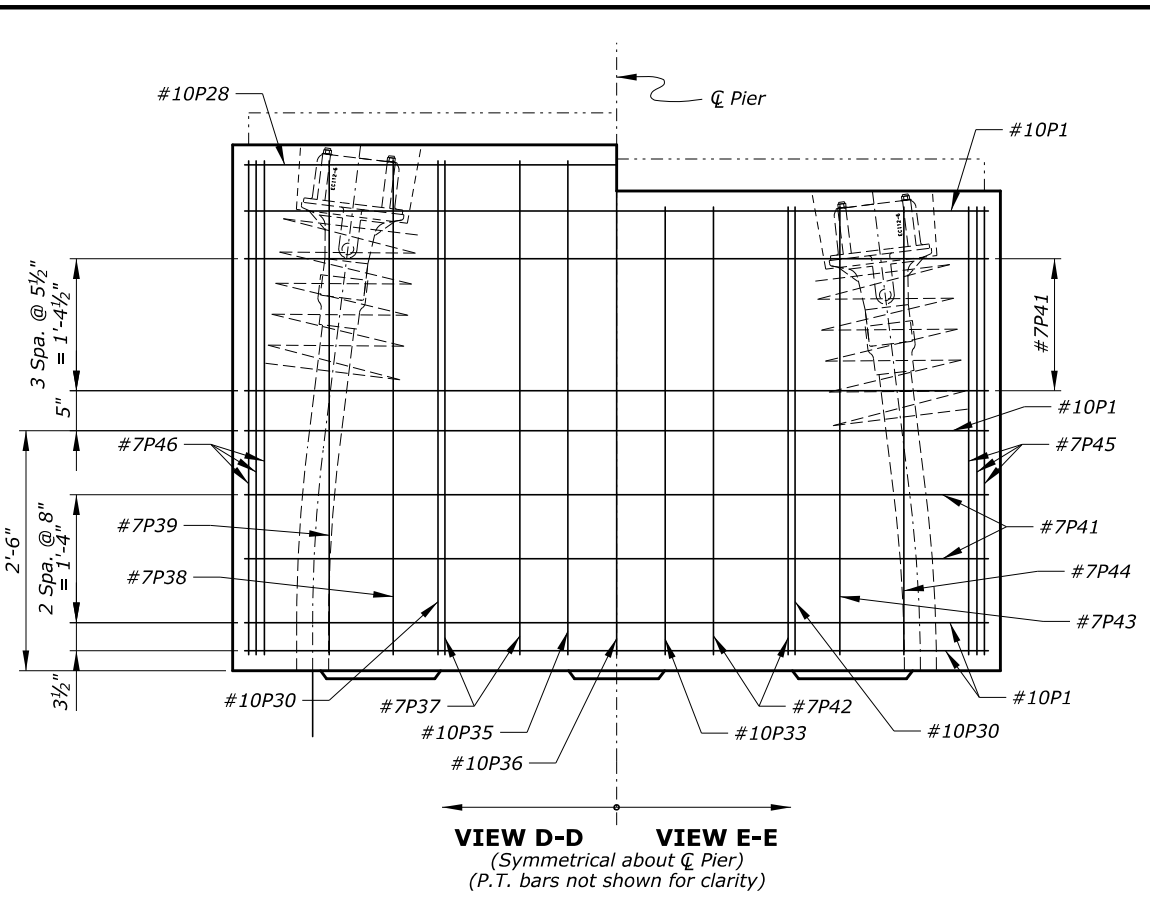
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STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R25

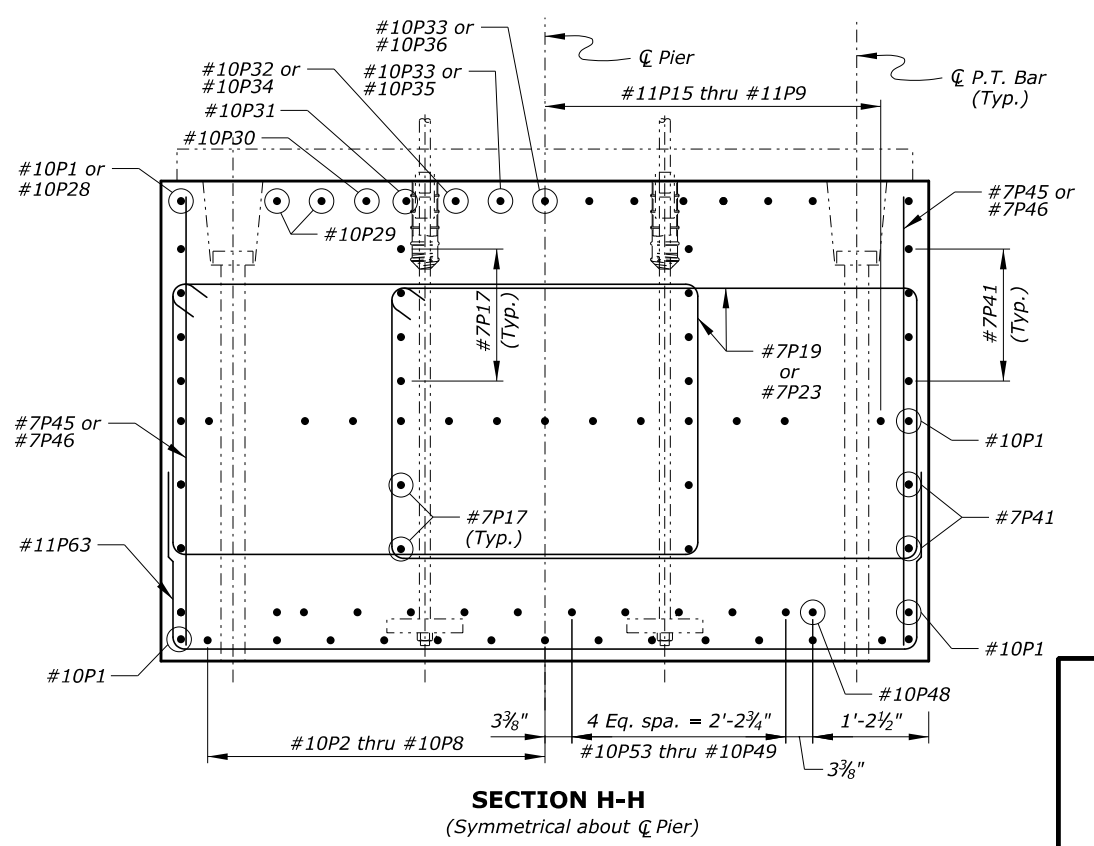
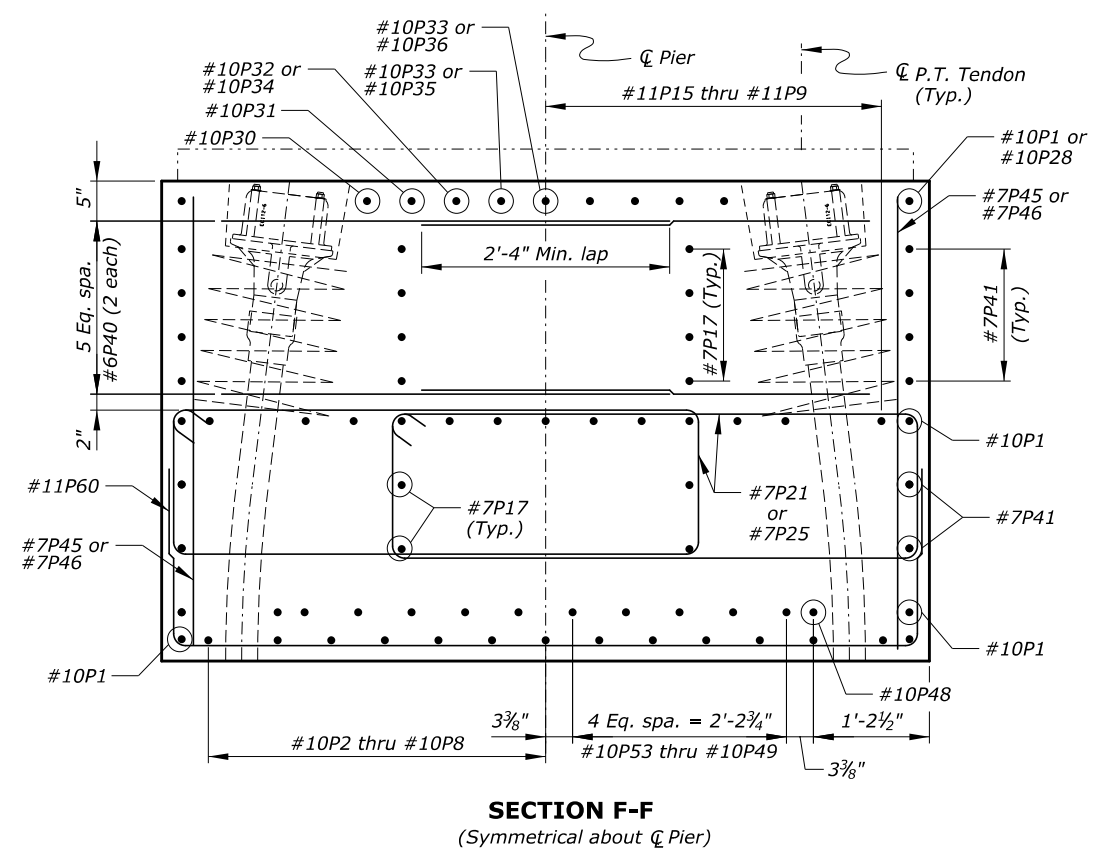
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- Notes:
1. For locations of Views D-D and E-E, see "PIER SEGMENT PC-1 REINFORCEMENT - 2" sheet.
 2. For locations of Sections F-F, G-G, and H-H, see "PIER SEGMENT PC-1 REINFORCEMENT - 1" sheet.
 3. Space all reinforcement to clear P.T. bars, P.T. tendons, and blockouts.



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EASTERN FEDERAL LANDS HIGHWAY DIVISION

BLUE RIDGE PARKWAY

BRIDGE OVER I-26

PIER SEGMENT PC-1 REINFORCEMENT - 3

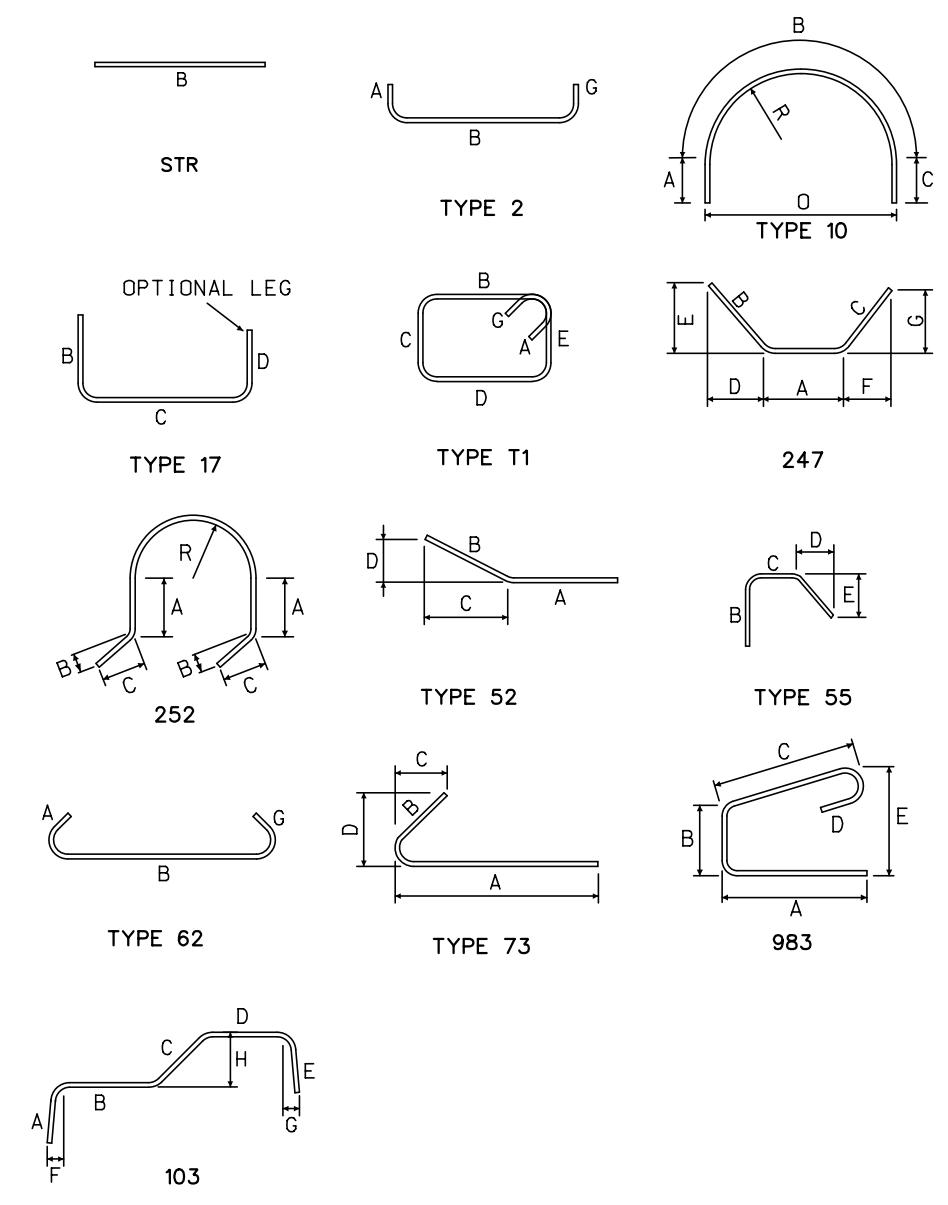
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								HC	BK	CWN	1" = 1'-0"	George Choubah	25 of 228	December 2018	BRP-1265

ACTUAL FILE:R26_BLR1_126_PIER_SEGMENT_PC-1 BAR LIST - 1.dgn

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14-Dec-2018 12:17 PM

REINFORCING STEEL SCHEDULE				DIMENSION TABLE																	
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N	
Pier Segment PC-1																					
*10P1	10	10		Horiz.	8	21'-3 1/2"	733	6'-9"	12'-0 1/2"	2'-6"								7'-8"	3'-10"		
*10P2	10	17	0'-10 3/16"	Horiz.	2	14'-1 1/2"	122	1'-10"	10'-5 1/2"					1'-10"							
*10P3	10	17	0'-10 3/16"	Horiz.	2	16'-0"	138	1'-10"	12'-4"					1'-10"							
*10P4	10	17	0'-10 3/16"	Horiz.	2	16'-11 1/2"	146	1'-10"	13'-3 1/4"					1'-10"							
*10P5	10	17	0'-10 3/16"	Horiz.	2	17'-7"	151	1'-10"	13'-11 1/4"					1'-10"							
*10P6	10	17	0'-10 3/16"	Horiz.	2	17'-10 1/2"	154	1'-10"	14'-2 1/2"					1'-10"							
*10P7	10	17	0'-10 3/16"	Horiz.	2	18'-2"	156	1'-10"	14'-6"					1'-10"							
*10P8	10	17	0'-10 3/16"	Horiz.	1	18'-3"	79	1'-10"	14'-7"					1'-10"							
*11P9	11	62	1'-0"	Horiz.	2	15'-8"	166	2'-0"	10'-5"					2'-0"							
*11P10	11	62	1'-0"	Horiz.	2	18'-6 1/2"	197	2'-0"	13'-3 3/4"					2'-0"							
*11P11	11	62	1'-0"	Horiz.	2	19'-2"	204	2'-0"	13'-11"					2'-0"							
*11P12	11	62	1'-0"	Horiz.	2	19'-6 1/2"	208	2'-0"	14'-3 1/2"					2'-0"							
*11P13	11	62	1'-0"	Horiz.	2	19'-9"	210	2'-0"	14'-6"					2'-0"							
*11P14	11	62	1'-0"	Horiz.	2	19'-9 1/2"	210	2'-0"	14'-6 1/2"					2'-0"							
*11P15	11	62	1'-0"	Horiz.	1	19'-8"	104	2'-0"	14'-5 1/4"					2'-0"							
*7P16	7	T1	0'-5 5/16"	Stirrups	1	13'-0"	27	0'-9"	3'-9 1/4"	1'-11 3/4"	3'-9 1/4"	1'-11 3/4"		0'-9"							
*7P17	7	17	0'-5 5/16"	Horiz.	12	16'-4"	401	1'-2"	13'-11 3/4"					1'-2"							
*7P18	7	T1	0'-5 5/16"	Horiz.	4	15'-1"	123	0'-9"	3'-10 1/4"	2'-11 1/4"	3'-10 1/4"	2'-11 1/4"		0'-9"							
*7P19	7	T1	0'-5 5/16"	Stirrups	4	18'-2"	149	0'-9"	5'-4 3/4"	2'-11 1/4"	5'-4 3/4"	2'-11 1/4"		0'-9"							
*7P20	7	T1	0'-5 5/16"	Stirrups	20	19'-10"	811	0'-9"	5'-4 3/4"	3'-9 1/4"	5'-4 3/4"	3'-9 1/4"		0'-9"							
*7P21	7	T1	0'-5 5/16"	Stirrups	4	15'-8"	128	0'-9"	5'-4 3/4"	1'-8 1/4"	5'-4 3/4"	1'-8 1/4"		0'-9"							
*7P22	7	T1	0'-5 5/16"	Stirrups	2	19'-7 1/2"	237	0'-9"	5'-4 3/4"	3'-8"	5'-4 3/4"	3'-8"		0'-9"							
					sets to 3 of 20'-1" at 0'-3" Incr.					to 3'-10 3/4" at 0'-2" Incr.				to 3'-10 3/4" at 0'-2" Incr.							
*7P23	7	T1	0'-5 5/16"	Stirrups	4	19'-2"	157	0'-9"	5'-4 3/4"	3'-5 1/4"	5'-4 3/4"	3'-5 1/4"		0'-9"							
*7P24	7	T1	0'-5 5/16"	Stirrups	20	20'-9 1/2"	850	0'-9"	5'-4 3/4"	4'-3"	5'-4 3/4"	4'-3"		0'-9"							
*7P25	7	T1	0'-5 5/16"	Stirrups	4	16'-7 1/2"	136	0'-9"	5'-4 3/4"	2'-2"	5'-4 3/4"	2'-2"		0'-9"							
*7P26	7	T1	0'-5 5/16"	Stirrups	4	16'-0 1/2"	131	0'-9"	3'-10 1/4"	3'-5"	3'-10 1/4"	3'-5"		0'-9"							
*7P27	7	T1	0'-5 5/16"	Stirrups	2	13'-11 1/2"	57	0'-9"	4'-3"	1'-11 3/4"	4'-3"	1'-11 3/4"		0'-9"							
*10P28	10	252	0'-10 3/16"	Horiz. top	1	29'-10 1/2"	129	6'-5"	4'-4 1/2"	1'-5 1/2"								3'-8 3/4"			
*10P29	10	103	0'-10 3/16"	Horiz. top	4	16'-10"	290	4'-8"	2'-9"	1'-7"	2'-8 1/4"	5'-1 3/4"		0'-7"							
*10P30	10	103	0'-10 3/16"	Horiz. top	2	22'-11"	197	4'-8"	5'-9 1/2"	1'-7"	5'-8 3/4"	5'-1 3/4"	0'-0 3/4"	0'-1"	0'-7"						
*10P31	10	103	0'-10 3/16"	Horiz. top	2	21'-5"	184	4'-8"	5'-0 1/2"	1'-7"	4'-11 3/4"	5'-1 3/4"		0'-7"							
*10P32	10	17	0'-10 3/16"	Horiz. top	2	14'-2"	122		9'-6"	4'-8"											
*10P33	10	52	0'-10 3/16"	Horiz. top	3	15'-2"	196	10'-6"	4'-8"	0'-1 1/2"	4'-8"										
*10P34	10	55	0'-10 3/16"	Horiz. top	2	15'-2"	131		5'-1 3/4"	5'-4"	4'-6"	1'-6 1/4"									
*10P35	10	55	0'-10 3/16"	Horiz. top	2	15'-4"	132		5'-1 3/4"	5'-6"	4'-6"	1'-6 1/4"									
*10P36	10	247	0'-10 3/16"	Horiz. top	1	16'-3"	70	6'-5"	5'-1 3/4"	4'-8 1/4"	0'-1 1/2"	5'-1 3/4"	4'-5 1/2"	1'-6 1/4"							
*7P37	7	73	0'-5 5/16"	Vert.	4	7'-5 1/2"	61	5'-1 3/4"	2'-3 3/4"	0'-1"	2'-4"										
*7P38	7	983	0'-5 5/16"	Vert.	2	12'-11"	53	5'-1 3/4"	1'-5"	5'-1 3/4"	0'-10"	1'-6 1/2"									
*7P39	7	983	0'-5 5/16"	Vert.	2	12'-3"	50	5'-1 3/4"	0'-9"	5'-1 3/4"	0'-10"	0'-10 1/2"									
*6P40	6	17	0'-4 1/2"	Horiz.	24	10'-9"	388		4'-8"	1'-5"	4'-8"										
*7P41	7	10		Horiz.	12	21'-3 1/2"	522	6'-9"	12'-0 1/2"	2'-6"							7'-8"	3'-10"			
*7P42	7	73	0'-5 5/16"	Vert.	4	7'-0"	57	4'-8"	2'-3 3/4"	0'-1"	2'-4"										
*7P43	7	983	0'-5 5/16"	Vert.	2	11'-11 1/2"	49	4'-8"	1'-5"	4'-8"	0'-10"	1'-6 1/2"									
*7P44	7	983	0'-5 5/16"	Vert.	2	11'-3 1/2"	46	4'-8"	0'-9"	4'-8"	0'-10"	0'-10 1/2"									
*7P45	7	STR		Vert.	10	4'-8"	95		4'-8"												
*7P46	7	STR		Vert.	10	5'-2"	106		5'-2"												
*7P47	7	62	0'-5 5/16"	Long. top	12	3'-0"	74	0'-9"	1'-6 1/2"					0'-9"							
*10P48	10	62	0'-10 3/16"	Horiz.	2	18'-0"	155	2'-0"	2'-10 1/2"					2'-0"							
*10P49	10	62	0'-10 3/16"	Horiz.	2	18'-5 1/2"	159	2'-0"	13'-4 1/4"					2'-0"							
*10P50	10	62	0'-10 3/16"	Horiz.	2	19'-1 1/2"	165	2'-0"	14'-0 1/4"					2'-0"							
*10P51	10	62	0'-10 3/16"	Horiz.	2	19'-6 1/2"	168	2'-0"	14'-5"					2'-0"							
*10P52	10	62	0'-10 3/16"	Horiz.	2	19'-9"	170	2'-0"	14'-7 1/2"					2'-0"							
*10P53	10	62	0'-10 3/16"	Horiz.	2	19'-8 1/2"	170	2'-0"	14'-7 1/4"					2'-0"							
*11P54	11	17	1'-0"	Vert.	2	5'-8 1/2"	61		1'-10"	2'-0 1/2"	1'-10"										
*11P55	11	17	1'-0"	Horiz. bot.	2	8'-1 1/2"	86	2'-0"	4'-1 1/4"					2'-0"							



Note: Quantities are for one precast pier segment.

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 EASTERN FEDERAL LANDS HIGHWAY DIVISION

 BLUE RIDGE PARKWAY

 BRIDGE OVER I-26

PIER SEGMENT PC-1 BAR LIST - 1

NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								HC	BK	LE	No Scale	George Choubah	26 of 228	December 2018	BRP-1265

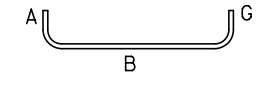
ACTUAL FILE:R27_BLR1_I26_PIER_SEGMENT_PC-1 BAR LIST - 2.dgn

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14-Dec-2018 12:17 PM

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R27

REINFORCING STEEL SCHEDULE					DIMENSION TABLE																
Pier Segment PC-1					(CONTINUED)																
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N	
*IIP56	11	17	1'-0"	Horiz. bot.	2	9'-6"	101	2'-0"	5'-5 ³ / ₄ "					2'-0"							
*IIP57	11	17	1'-0"	Horiz. bot.	2	10'-0 ¹ / ₂ "	107	2'-0"	6'-0 ¹ / ₄ "					2'-0"							
*IIP58	11	17	1'-0"	Horiz. bot.	2	10'-5 ¹ / ₂ "	111	2'-0"	6'-5 ¹ / ₂ "					2'-0"							
*IIP59	11	17	1'-0"	Horiz. bot.	2	10'-10"	115	2'-0"	6'-9 ³ / ₄ "					2'-0"							
*IIP60	11	17	1'-0"	Horiz. bot.	2	11'-1"	118	2'-0"	7'-1"					2'-0"							
*IIP61	11	17	1'-0"	Horiz. bot.	2	11'-4 ¹ / ₂ "	121	2'-0"	7'-4 ¹ / ₂ "					2'-0"							
*IIP62	11	17	1'-0"	Horiz. bot.	2	11'-7 ¹ / ₂ "	124	2'-0"	7'-7 ¹ / ₂ "					2'-0"							
*IIP63	11	17	1'-0"	Horiz. bot.	28	11'-8"	1736	2'-0"	7'-8"					2'-0"							
SUBTOTAL							12805 LBS														



TYPE 2

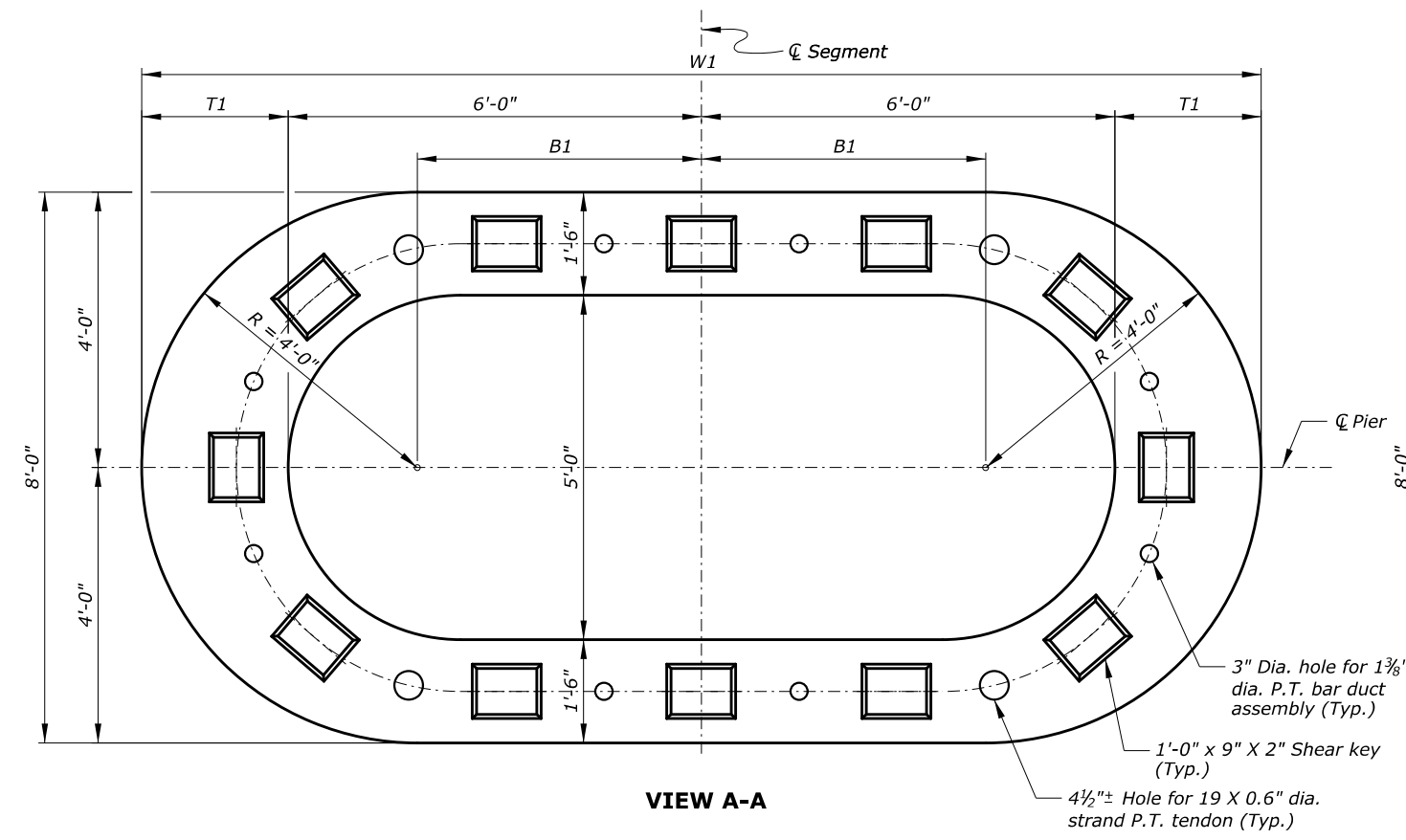
Note: Quantities are for one precast pier segment.

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 BLUE RIDGE PARKWAY
 BRIDGE OVER I-26
 PIER SEGMENT PC-1 BAR LIST - 2

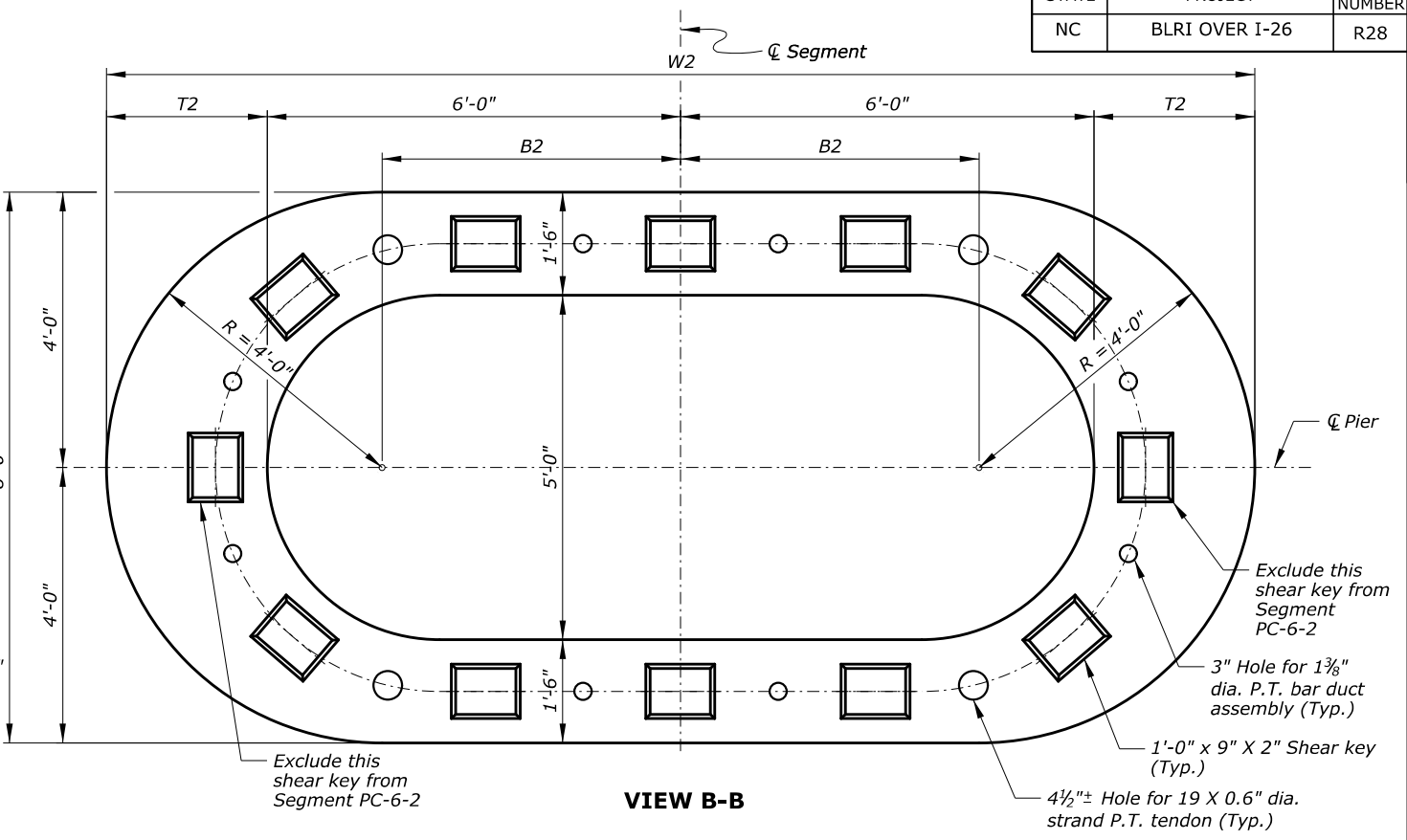
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								HC	BK	LE	No Scale	George Choubah	27 of 228	December 2018	BRP-1265

ACTUAL FILE: R28_BLR_I26_PIER SEGMENT LAYOUT_PC-2_PC-3_PC-4_PC-5_PC-6-2.DGN
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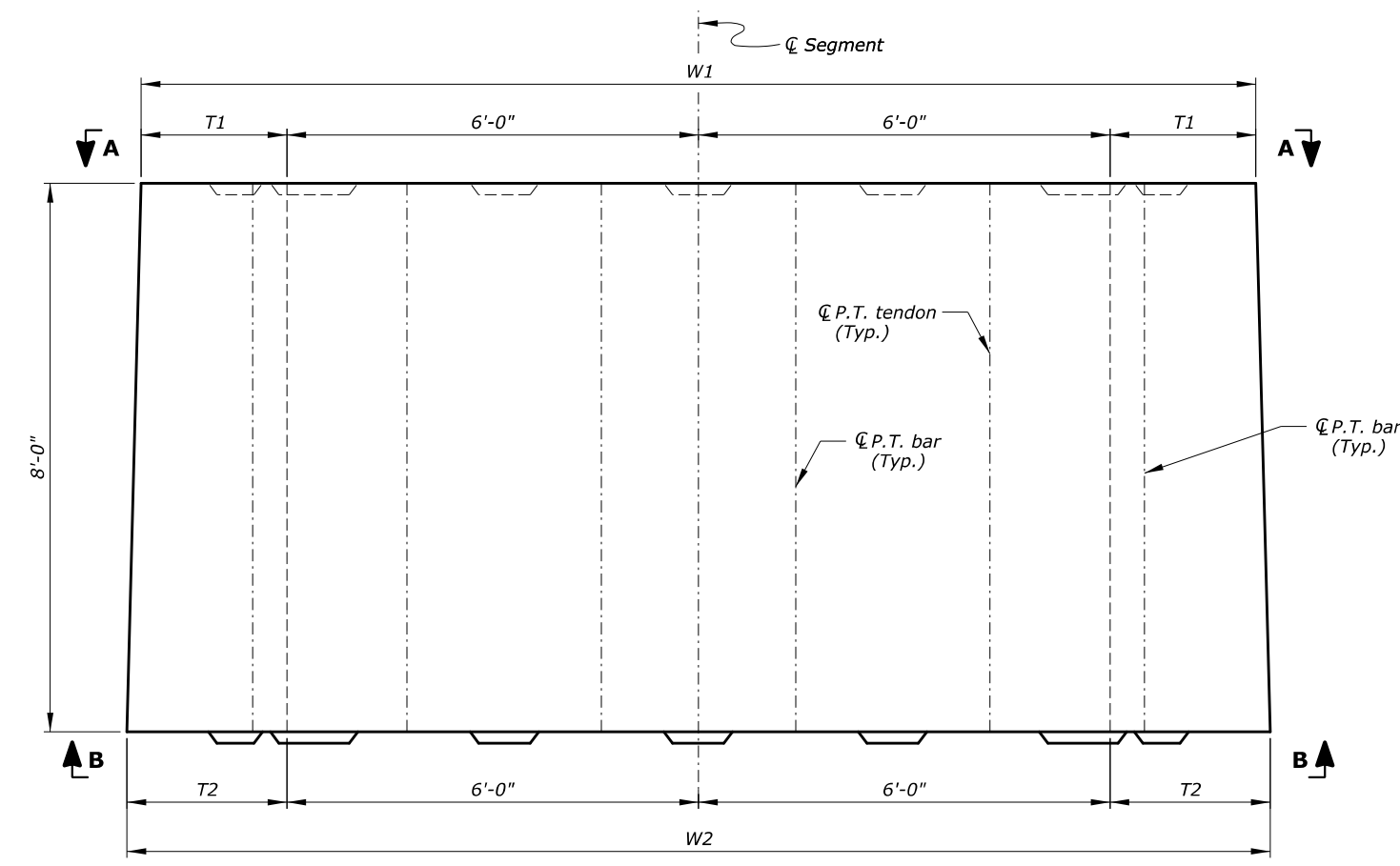
STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R28



VIEW A-A



VIEW B-B



ELEVATION

SEGMENT DIMENSIONS						
Segment	W1	W2	T1	T2	B1	B2
PC-2	15'-0"	15'-5"	1'-6"	1'-8 1/2"	3'-6"	3'-8 1/2"
PC-3	15'-5"	15'-10"	1'-8 1/2"	1'-11"	3'-8 1/2"	3'-11"
PC-4	15'-10"	16'-3"	1'-11"	2'-1 1/2"	3'-11"	4'-1 1/2"
PC-5	16'-3"	16'-8"	2'-1 1/2"	2'-4"	4'-1 1/2"	4'-4"
PC-6-2	16'-8"	17'-1"	2'-4"	2'-6 1/2"	4'-4"	4'-6 1/2"

- Notes:
1. Locate shear keys centered to holes. For shear key details, see "PIER MISCELLANEOUS DETAILS - 1" sheet.
 2. For post-tensioning details, see "PIER MISCELLANEOUS DETAILS - 1" sheet.

*ESTIMATED QUANTITIES						
ITEM	UNIT	SEGMENT				
		PC-2	PC-3	PC-4	PC-5	PC-6-2
Concrete - Class Special (6000 psi)	Cu. Yd.	15.8	16.8	17.8	18.8	19.7
9 1/2" x 5" x 1 3/4" P.T. Bar Anchor Plate	Each	8	8	8	8	8
1 3/8" P.T. Bar Duct Assembly**	Each	8	8	8	8	8
4 1/2"± I.D. Duct (7'-2" long)	Each	4	4	4	4	4
Duct Coupler (4 1/2"± I.D. Duct)	Each	8	8	8	8	8

* Quantities are for one Precast Box Pier Segment
 ** Duct assembly consists of 4 1/2"± I.D. duct (7'-6" long) with duct adapter

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 BLUE RIDGE PARKWAY

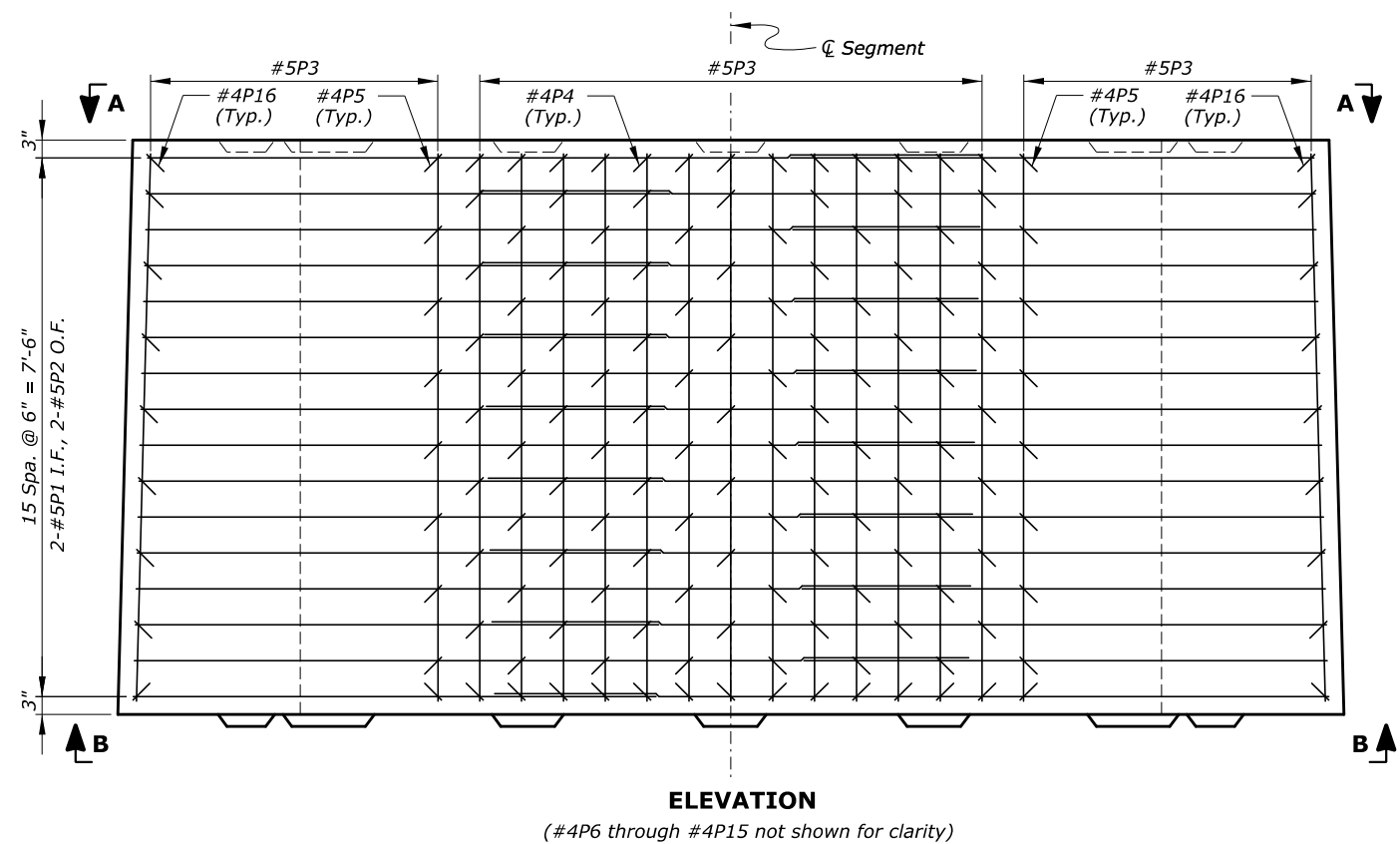
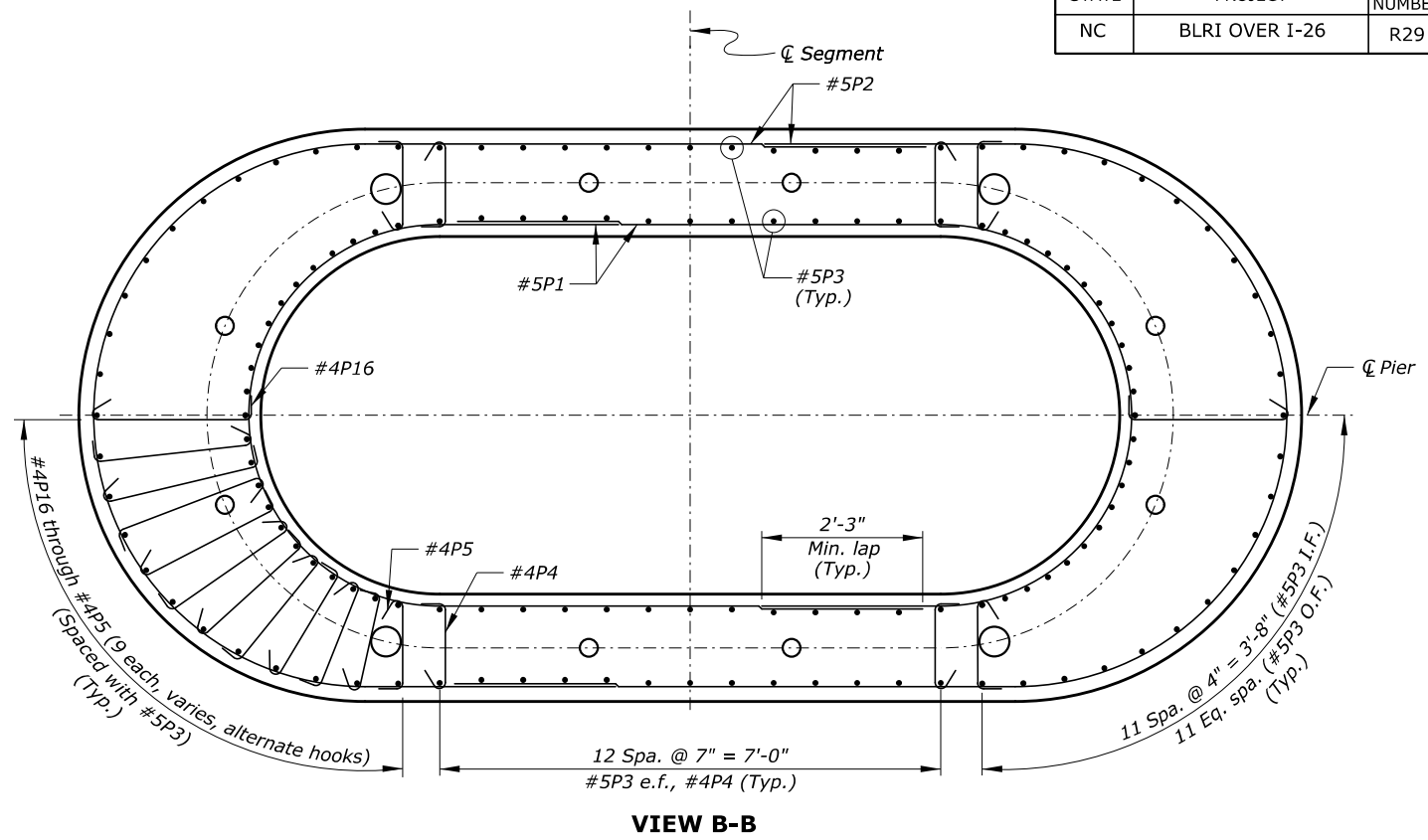
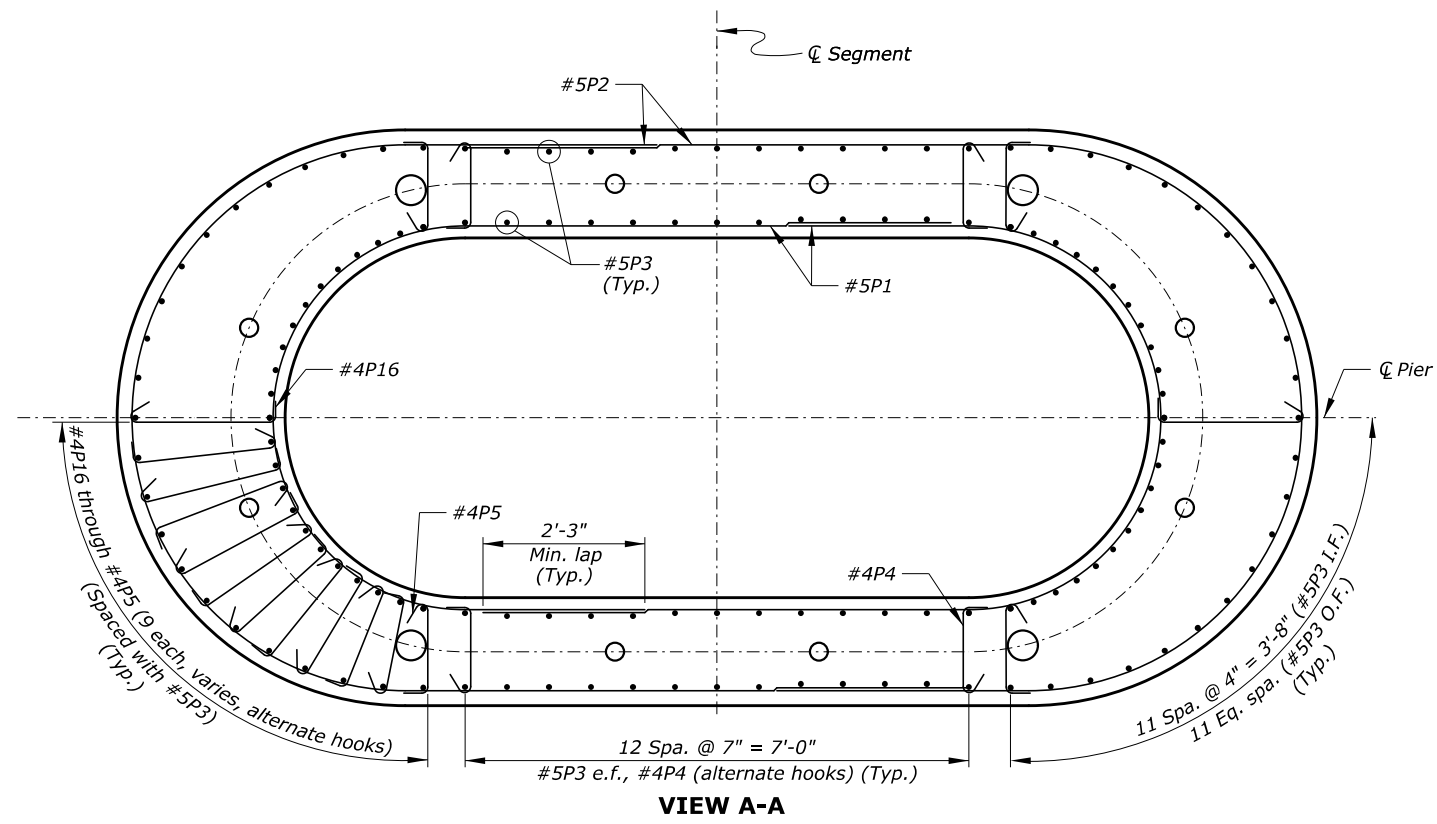
 BRIDGE OVER I-26

**PIER SEGMENTS PC-2, PC-3, PC-4,
 PC-5, & PC-6-2 LAYOUT**

NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								HC	BK	CWN	3/4" = 1'-0"	George Choubah	28 of 228	December 2018	BRP-1265

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R29

ACTUAL FILE: R29_BLR1_I26_PIER_SEGMENT_REINF_PC2_PC3_PC4_PC5_PC6-2.DGN
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Notes:

1. Minimum concrete cover is 1 1/2" inside face and 2" outside face.
2. Alternate splices for #5P1 and #5P2 bars so that one splice is not adjacent to the other.
3. Space all reinforcement to clear P.T. bars, P.T. tendons, and blockouts.
4. Locate #4P4 through #4P16 bars at every bar grid intersection along the top and bottom layers of reinforcement and at alternate bar grid intersections between top and bottom layers.

Key:

e.f. = each face
 I.F. = inside face
 O.F. = outside face

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 BLUE RIDGE PARKWAY

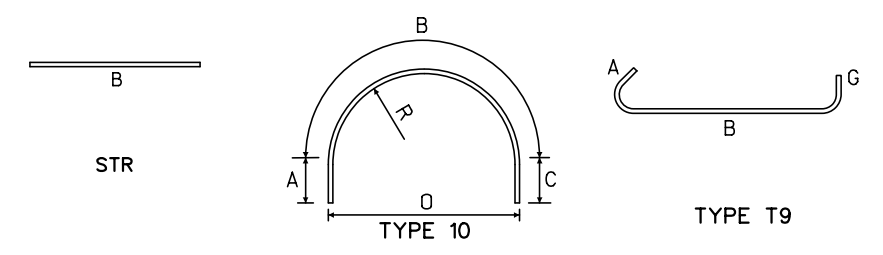
 BRIDGE OVER I-26

**PIER SEGMENTS PC-2, PC-3, PC-4,
 PC-5, & PC-6-2 REINFORCEMENT**

NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								HC	BK	CWN	3/4" = 1'-0"	George Choubah	29 of 228	December 2018	BRP-1265

14-Dec-2018 12:17 PM M:\PROJECTS\STATE_DOT\NC\brl_126_nepa\Bridges\Microstation\Bridges Design Files\NO_OP\PROJECTS.dgn ACTUAL FILE:R30_BLR1_126_PIER SEGMENT PC-2 TO PC-6-2 BAR LIST - 1.dgn

REINFORCING STEEL SCHEDULE				DIMENSION TABLE																
PIER SEGMENT PC-2 BAR LIST																				
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N
*5P1	5	10		Horiz.	32	17'-8"	590	6'-9"	8'-5"	2'-6"								5'-4 1/4"	2'-8 1/4"	
*5P2	5	10		Horiz.	32	21'-8 1/2"	725	7'-0"	12'-0 1/2"	2'-8"								7'-8"	3'-10"	
*5P3	5	STR		Vert. e.f.	144	7'-6"	1126		7'-6"											
*4P4	4	T9	0'-1 5/16"	Stirrups	234	1'-11 1/2"	306	0'-4 1/2"	1'-2 1/2"					0'-4 1/2"						
*4P5	4	T9	0'-1 5/16"	Stirrups	4	1'-11 1/2"	90	0'-4 1/2"	1'-2 1/2"					0'-4 1/2"						
					sets to of 9	at 0'-0" Incr.			to 1'-2 3/4" at 0'-0" Incr.											
*4P6	4	T9	0'-1 5/16"	Stirrups	4	1'-11 1/2"	46	0'-4 1/2"	1'-2 1/2"					0'-4 1/2"						
					sets to of 9	at 0'-0" Incr.			to 1'-3 1/4" at 0'-0" Incr.											
*4P7	4	T9	0'-1 5/16"	Stirrups	4	1'-11 1/2"	46	0'-4 1/2"	1'-2 1/2"					0'-4 1/2"						
					sets to of 9	at 0'-0" Incr.			to 1'-3 1/2" at 0'-0" Incr.											
*4P8	4	T9	0'-1 5/16"	Stirrups	4	1'-11 1/2"	46	0'-4 1/2"	1'-2 1/2"					0'-4 1/2"						
					sets to of 9	at 0'-0" Incr.			to 1'-3 3/4" at 0'-0" Incr.											
*4P9	4	T9	0'-1 5/16"	Stirrups	4	1'-11 1/2"	46	0'-4 1/2"	1'-2 1/2"					0'-4 1/2"						
					sets to of 9	at 0'-0" Incr.			to 1'-4" at 0'-0" Incr.											
*4P10	4	T9	0'-1 5/16"	Stirrups	4	1'-11 1/2"	47	0'-4 1/2"	1'-2 1/2"					0'-4 1/2"						
					sets to of 9	at 0'-0" Incr.			to 1'-4 1/4" at 0'-0" Incr.											
*4P11	4	T9	0'-1 5/16"	Stirrups	4	1'-11 1/2"	47	0'-4 1/2"	1'-2 1/2"					0'-4 1/2"						
					sets to of 9	at 0'-0" Incr.			to 1'-4 1/2" at 0'-0" Incr.											
*4P12	4	T9	0'-1 5/16"	Stirrups	4	1'-11 1/2"	47	0'-4 1/2"	1'-2 1/2"					0'-4 1/2"						
					sets to of 9	at 0'-0" Incr.			to 1'-4 3/4" at 0'-0" Incr.											
*4P13	4	T9	0'-1 5/16"	Stirrups	4	2'-0"	47	0'-4 1/2"	1'-2 3/4"					0'-4 1/2"						
					sets to of 9	at 0'-0" Incr.			to 1'-4 3/4" at 0'-0" Incr.											
*4P14	4	T9	0'-1 5/16"	Stirrups	4	2'-0"	47	0'-4 1/2"	1'-2 3/4"					0'-4 1/2"						
					sets to of 9	at 0'-0" Incr.			to 1'-4 3/4" at 0'-0" Incr.											
*4P15	4	T9	0'-1 5/16"	Stirrups	4	2'-0"	48	0'-4 1/2"	1'-2 3/4"					0'-4 1/2"						
					sets to of 9	at 0'-0" Incr.			to 1'-5" at 0'-0" Incr.											



STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R30

Note: Quantities are for one precast pier segment.

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 EASTERN FEDERAL LANDS HIGHWAY DIVISION

 BLUE RIDGE PARKWAY

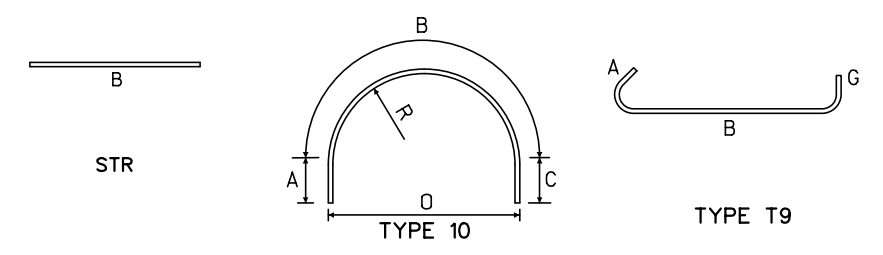
 BRIDGE OVER I-26

 PIER SEGMENTS PC-2, PC-3, PC-4,
 PC-5, & PC-6-2 BAR LIST - 1

NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								HC	LE	LE	No Scale	George Choubah	30 of 228	December 2018	BRP-1265

14-Dec-2018 12:17 PM M:\PROJECTS\STATE_DOT\NC\brl_126_nepa\Bridges\Microstation\Bridges Design Files\NO_OP\PROJECTS.dgn ACTUAL FILE:R31_BLR1_126_PIER SEGMENT PC-2 TO PC-6-2 BAR LIST - 2.dgn

REINFORCING STEEL SCHEDULE					DIMENSION TABLE																
PIER SEGMENT PC-2 BAR LIST (CONTINUED)																					
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N	
*4P16	4	T9	0'-1 ⁵ / ₁₆ "	Stirrups	2 sets of 9 at 0'-0" Incr.	2'-0" to 2'-2" at 0'-0" Incr.	24	0'-4 ¹ / ₂ "	1'-2 ³ / ₄ " to 1'-5" at 0'-0" Incr.					0'-4 ¹ / ₂ "							
SUBTOTAL							3359 LBS														
PIER SEGMENT PC-3 BAR LIST																					
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N	
*5P1	5	I0		Horiz.	32	17'-8"	590	6'-9"	8'-5"	2'-6"									5'-4 ¹ / ₄ "	2'-8 ¹ / ₄ "	
*5P2	5	I0		Horiz.	32	22'-1 ¹ / ₂ "	738	7'-2 ¹ / ₂ "	12'-0 ¹ / ₂ "	2'-10 ¹ / ₂ "									7'-8"	3'-10"	
*5P3	5	STR		Vert.	144	7'-6"	1126		7'-6"												
*4P4	4	T9	0'-1 ⁵ / ₁₆ "	Stirrups	234	1'-11 ¹ / ₂ "	306	0'-4 ¹ / ₂ "	1'-2 ¹ / ₂ "					0'-4 ¹ / ₂ "							
*4P5	4	T9	0'-1 ⁵ / ₁₆ "	Stirrups	4 sets of 9 at 0'-0" Incr.	2'-0" to 2'-0" at 0'-0" Incr.	46	0'-4 ¹ / ₂ "	1'-3" to 1'-2 ³ / ₄ " at 0'-0" Incr.					0'-4 ¹ / ₂ "							
*4P6	4	T9	0'-1 ⁵ / ₁₆ "	Stirrups	4 sets of 9 at 0'-0" Incr.	2'-0" to 2'-1" at 0'-0" Incr.	47	0'-4 ¹ / ₂ "	1'-3 ¹ / ₄ " to 1'-3 ³ / ₄ " at 0'-0" Incr.					0'-4 ¹ / ₂ "							
*4P7	4	T9	0'-1 ⁵ / ₁₆ "	Stirrups	4 sets of 9 at 0'-0" Incr.	2'-0 ¹ / ₂ " to 2'-1 ¹ / ₂ " at 0'-0" Incr.	48	0'-4 ¹ / ₂ "	1'-3 ¹ / ₂ " to 1'-4 ¹ / ₄ " at 0'-0" Incr.					0'-4 ¹ / ₂ "							
*4P8	4	T9	0'-1 ⁵ / ₁₆ "	Stirrups	4 sets of 9 at 0'-0" Incr.	2'-1" to 2'-2" at 0'-0" Incr.	49	0'-4 ¹ / ₂ "	1'-3 ³ / ₄ " to 1'-5" at 0'-0" Incr.					0'-4 ¹ / ₂ "							
*4P9	4	T9	0'-1 ⁵ / ₁₆ "	Stirrups	4 sets of 9 at 0'-0" Incr.	2'-1" to 2'-2 ¹ / ₂ " at 0'-0" Incr.	49	0'-4 ¹ / ₂ "	1'-4" to 1'-5 ¹ / ₂ " at 0'-0" Incr.					0'-4 ¹ / ₂ "							
*4P10	4	T9	0'-1 ⁵ / ₁₆ "	Stirrups	4 sets of 9 at 0'-0" Incr.	2'-1 ¹ / ₂ " to 2'-3" at 0'-0" Incr.	50	0'-4 ¹ / ₂ "	1'-4 ¹ / ₄ " to 1'-6" at 0'-0" Incr.					0'-4 ¹ / ₂ "							
*4P11	4	T9	0'-1 ⁵ / ₁₆ "	Stirrups	4 sets of 9 at 0'-0" Incr.	2'-1 ¹ / ₂ " to 2'-3 ¹ / ₂ " at 0'-0" Incr.	51	0'-4 ¹ / ₂ "	1'-4 ¹ / ₂ " to 1'-6 ¹ / ₄ " at 0'-0" Incr.					0'-4 ¹ / ₂ "							
*4P12	4	T9	0'-1 ⁵ / ₁₆ "	Stirrups	4 sets of 9 at 0'-0" Incr.	2'-2" to 2'-4" at 0'-0" Incr.	51	0'-4 ¹ / ₂ "	1'-4 ³ / ₄ " to 1'-6 ³ / ₄ " at 0'-0" Incr.					0'-4 ¹ / ₂ "							
*4P13	4	T9	0'-1 ⁵ / ₁₆ "	Stirrups	4 sets of 9 at 0'-0" Incr.	2'-2" to 2'-4" at 0'-0" Incr.	52	0'-4 ¹ / ₂ "	1'-5" to 1'-7" at 0'-0" Incr.					0'-4 ¹ / ₂ "							



STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R31

Note: Quantities are for one precast pier segment.

U.S. DEPARTMENT OF TRANSPORTATION
 FEDERAL HIGHWAY ADMINISTRATION
 EASTERN FEDERAL LANDS HIGHWAY DIVISION

 BLUE RIDGE PARKWAY

 BRIDGE OVER I-26

 PIER SEGMENTS PC-2, PC-3, PC-4,
 PC-5, & PC-6-2 BAR LIST - 2

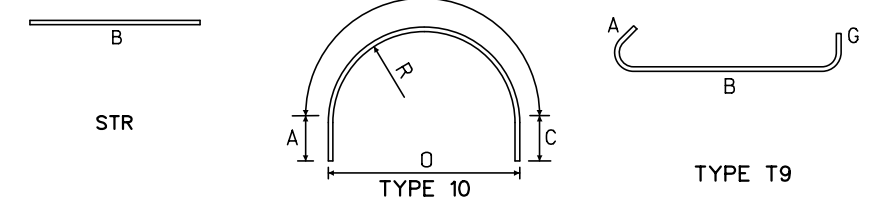
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								HC	LE	LE	No Scale	George Choubah	31 of 228	December 2018	BRP-1265

ACTUAL FILE:R32_BLR1_I26_PIER SEGMENT PC-2 TO PC-6-2 BAR LIST - 3.dgn

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REINFORCING STEEL SCHEDULE					DIMENSION TABLE																
PIER SEGMENT PC-3 BAR LIST (CONTINUED)																					
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N	
*4P14	4	T9	0'-1 5/16"	Stirrups	4 sets of 9	2'-2" to 2'-4 1/2" at 0'-0" Incr.	52	0'-4 1/2"	1'-5" to 1'-7 1/4" at 0'-0" Incr.					0'-4 1/2"							
*4P15	4	T9	0'-1 5/16"	Stirrups	4 sets of 9	2'-2" to 2'-4 1/2" at 0'-0" Incr.	52	0'-4 1/2"	1'-5" to 1'-7 1/4" at 0'-0" Incr.					0'-4 1/2"							
*4P16	4	T9	0'-1 5/16"	Stirrups	2 sets of 9	2'-2 1/2" to 2'-4 1/2" at 0'-0" Incr.	26	0'-4 1/2"	1'-5 1/4" to 1'-7 1/4" at 0'-0" Incr.					0'-4 1/2"							
SUBTOTAL							3362	LBS													
PIER SEGMENT PC-4 BAR LIST																					
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N	
*5P1	5	I0		Horiz.	32	17'-8"	590	6'-9"	8'-5"	2'-6"								5'-4 1/4"	2'-8 1/4"		
*5P2	5	I0		Horiz.	32	22'-6 1/2"	752	7'-5"	12'-0 1/2"	3'-1"								7'-8"	3'-10"		
*5P3	5	STR		Vert. e.f.	144	7'-6"	1126		7'-6"												
*4P4	4	T9	0'-1 5/16"	Stirrups	234	1'-11 1/2"	306	0'-4 1/2"	1'-2 1/2"					0'-4 1/2"							
*4P5	4	T9	0'-1 5/16"	Stirrups	4 sets of 9	2'-0" to 2'-0 1/2" at 0'-0" Incr.	46	0'-4 1/2"	1'-3" to 1'-3 1/2" at 0'-0" Incr.					0'-4 1/2"							
*4P6	4	T9	0'-1 5/16"	Stirrups	4 sets of 9	2'-1" to 2'-1 1/2" at 0'-0" Incr.	48	0'-4 1/2"	1'-3 3/4" to 1'-4 1/2" at 0'-0" Incr.					0'-4 1/2"							
*4P7	4	T9	0'-1 5/16"	Stirrups	4 sets of 9	2'-1 1/2" to 2'-2 1/2" at 0'-0" Incr.	49	0'-4 1/2"	1'-4 1/4" to 1'-5 1/4" at 0'-0" Incr.					0'-4 1/2"							
*4P8	4	T9	0'-1 5/16"	Stirrups	4 sets of 9	2'-2" to 2'-3 1/2" at 0'-0" Incr.	51	0'-4 1/2"	1'-5" to 1'-6 1/4" at 0'-0" Incr.					0'-4 1/2"							
*4P9	4	T9	0'-1 5/16"	Stirrups	4 sets of 9	2'-2 1/2" to 2'-4" at 0'-0" Incr.	52	0'-4 1/2"	1'-5 1/2" to 1'-7" at 0'-0" Incr.					0'-4 1/2"							
*4P10	4	T9	0'-1 5/16"	Stirrups	4 sets of 9	2'-3" to 2'-4 1/2" at 0'-0" Incr.	53	0'-4 1/2"	1'-6" to 1'-7 1/4" at 0'-0" Incr.					0'-4 1/2"							
*4P11	4	T9	0'-1 5/16"	Stirrups	4 sets of 9	2'-3 1/2" to 2'-5 1/2" at 0'-0" Incr.	55	0'-4 1/2"	1'-6 1/2" to 1'-8 1/4" at 0'-0" Incr.					0'-4 1/2"							



STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R32

Note: Quantities are for one precast pier segment.

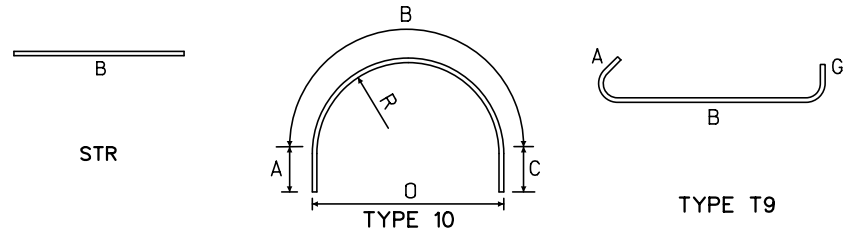
U.S. DEPARTMENT OF TRANSPORTATION
 FEDERAL HIGHWAY ADMINISTRATION
 EASTERN FEDERAL LANDS HIGHWAY DIVISION
 BLUE RIDGE PARKWAY
 BRIDGE OVER I-26
 PIER SEGMENTS PC-2, PC-3, PC-4,
 PC-5, & PC-6-2 BAR LIST - 3

NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								HC	LE	LE	No Scale	George Choubah	32 of 228	December 2018	BRP-1265

ACTUAL FILE: R33_BLR1_I26_PIER SEGMENT PC-2 TO PC-6-2 BAR LIST - 4.dgn
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STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R33

REINFORCING STEEL SCHEDULE					DIMENSION TABLE																	
PIER SEGMENT PC-4 BAR LIST (CONTINUED)																						
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N		
*4P12	4	T9	0'-1 5/16"	Stirrups	4 sets of 9	2'-4" to 2'-6" at 0'-0" Incr.	56	0'-4 1/2"	1'-6 3/4" to 1'-9" at 0'-0" Incr.					0'-4 1/2"								
*4P13	4	T9	0'-1 5/16"	Stirrups	4 sets of 9	2'-4 1/2" to 2'-6 1/2" at 0'-0" Incr.	57	0'-4 1/2"	1'-7 1/4" to 1'-9 1/2" at 0'-0" Incr.					0'-4 1/2"								
*4P14	4	T9	0'-1 5/16"	Stirrups	4 sets of 9	2'-4 1/2" to 2'-7" at 0'-0" Incr.	57	0'-4 1/2"	1'-7 1/4" to 1'-9 3/4" at 0'-0" Incr.					0'-4 1/2"								
*4P15	4	T9	0'-1 5/16"	Stirrups	4 sets of 9	2'-4 1/2" to 2'-7" at 0'-0" Incr.	57	0'-4 1/2"	1'-7 1/2" to 1'-10" at 0'-0" Incr.					0'-4 1/2"								
*4P16	4	T9	0'-1 5/16"	Stirrups	2 sets of 9	2'-4 1/2" to 2'-7" at 0'-0" Incr.		0'-4 1/2"	1'-7 1/2" to 1'-10" at 0'-0" Incr.					0'-4 1/2"								
SUBTOTAL					3414 LBS																	
PIER SEGMENT PC-5 BAR LIST																						
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N		
*5P1	5	I0		Horiz.	32	17'-8"	590	6'-9"	8'-5"	2'-6"								5'-4 1/4"	2'-8 1/4"			
*5P2	5	I0		Horiz.	32	22'-11 1/2"	766	7'-7 1/2"	12'-0 1/2"	3'-3 1/2"								7'-8"	3'-10"			
*5P3	5	STR		Vert. e.f.	144	7'-6"	1126		7'-6"													
*4P4	4	T9	0'-1 5/16"	Stirrups	234	1'-11 1/2"	306	0'-4 1/2"	1'-2 1/2"					0'-4 1/2"								
*4P5	4	T9	0'-1 5/16"	Stirrups	4 sets of 9	2'-0" to 2'-0" at 0'-0" Incr.	46	0'-4 1/2"	1'-2 3/4" to 1'-3" at 0'-0" Incr.					0'-4 1/2"								
*4P6	4	T9	0'-1 5/16"	Stirrups	4 sets of 9	2'-1 1/2" to 2'-1 1/2" at 0'-0" Incr.	49	0'-4 1/2"	1'-4 1/4" to 1'-4 1/2" at 0'-0" Incr.					0'-4 1/2"								
*4P7	4	T9	0'-1 5/16"	Stirrups	4 sets of 9	2'-2 1/2" to 2'-3" at 0'-0" Incr.	51	0'-4 1/2"	1'-5 1/4" to 1'-6" at 0'-0" Incr.					0'-4 1/2"								
*4P8	4	T9	0'-1 5/16"	Stirrups	4 sets of 9	2'-3 1/2" to 2'-4" at 0'-0" Incr.	53	0'-4 1/2"	1'-6 1/4" to 1'-7" at 0'-0" Incr.					0'-4 1/2"								
*4P9	4	T9	0'-1 5/16"	Stirrups	4 sets of 9	2'-4" to 2'-5 1/2" at 0'-0" Incr.	55	0'-4 1/2"	1'-7" to 1'-8 1/4" at 0'-0" Incr.					0'-4 1/2"								



Note: Quantities are for one precast pier segment.

U.S. DEPARTMENT OF TRANSPORTATION
 FEDERAL HIGHWAY ADMINISTRATION
 EASTERN FEDERAL LANDS HIGHWAY DIVISION

 BLUE RIDGE PARKWAY

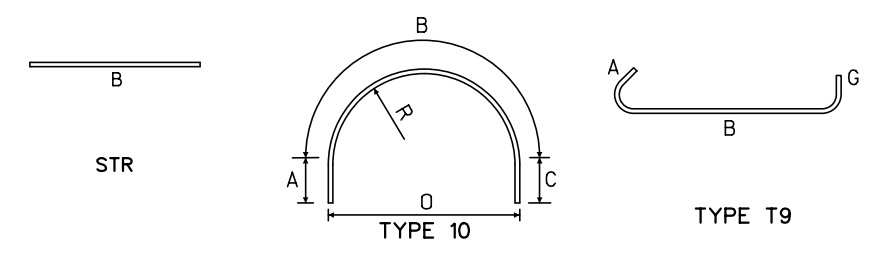
 BRIDGE OVER I-26

 PIER SEGMENTS PC-2, PC-3, PC-4,
 PC-5, & PC-6-2 BAR LIST - 4

NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								HC	LE	LE	No Scale	George Choubah	33 of 228	December 2018	BRP-1265

14-Dec-2018 12:17 PM M:\PROJECTS\STATE_DOT\NC\brl_126_nepa\Bridges\Microstation\Bridges Design Files\NO_OP\PROJECTS.dgn ACTUAL FILE:R34_BLR1_126_PIER SEGMENT PC-2 TO PC-6-2 BAR LIST - 5.dgn

REINFORCING STEEL SCHEDULE					DIMENSION TABLE																	
PIER SEGMENT PC-5 BAR LIST (CONTINUED)					QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N		
*4P10	4	T9	0'-1 5/16"	Stirrups	4 sets of 9	2'-5" to 2'-6 1/2" at 0'-0" Incr.	57	0'-4 1/2"	1'-7 3/4" to 1'-9 1/4" at 0'-0" Incr.					0'-4 1/2"								
*4P11	4	T9	0'-1 5/16"	Stirrups	4 sets of 9	2'-5 1/2" to 2'-7 1/2" at 0'-0" Incr.	59	0'-4 1/2"	1'-8 1/2" to 1'-10 1/4" at 0'-0" Incr.					0'-4 1/2"								
*4P12	4	T9	0'-1 5/16"	Stirrups	4 sets of 9	2'-6" to 2'-8" at 0'-0" Incr.	60	0'-4 1/2"	1'-9" to 1'-11" at 0'-0" Incr.					0'-4 1/2"								
*4P13	4	T9	0'-1 5/16"	Stirrups	4 sets of 9	2'-6 1/2" to 2'-9" at 0'-0" Incr.	61	0'-4 1/2"	1'-9 1/2" to 1'-11 3/4" at 0'-0" Incr.					0'-4 1/2"								
*4P14	4	T9	0'-1 5/16"	Stirrups	4 sets of 9	2'-7" to 2'-9" at 0'-0" Incr.	62	0'-4 1/2"	1'-9 3/4" to 2'-0" at 0'-0" Incr.					0'-4 1/2"								
*4P15	4	T9	0'-1 5/16"	Stirrups	4 sets of 9	2'-7" to 2'-9 1/2" at 0'-0" Incr.	62	0'-4 1/2"	1'-10" to 2'-0 1/4" at 0'-0" Incr.					0'-4 1/2"								
*4P16	4	T9	0'-1 5/16"	Stirrups	2 sets of 9	2'-7" to 2'-9 1/2" at 0'-0" Incr.	31	0'-4 1/2"	1'-10" to 2'-0 1/2" at 0'-0" Incr.					0'-4 1/2"								
SUBTOTAL							3462 LBS															
PIER SEGMENT PC-6-2 BAR LIST					QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N		
*5P1	5	10		Horiz.	32	17'-8"	590	6'-9"	8'-5"	2'-6"								5'-4 1/4"	2'-8 1/4"			
*5P2	5	10		Horiz.	32	23'-4 1/2"	780	7'-10"	12'-0 1/2"	3'-6"								7'-8"	3'-10"			
*5P3	5	STR		Vert. e.f.	144	7'-6"	1126		7'-6"													
*4P4	4	T9	0'-1 5/16"	Stirrups	234	1'-11 1/2"	306	0'-4 1/2"	1'-2 1/2"					0'-4 1/2"								
*4P5	4	T9	0'-1 5/16"	Stirrups	36	2'-0"	48	0'-4 1/2"	1'-3"					0'-4 1/2"								
*4P6	4	T9	0'-1 5/16"	Stirrups	4 sets of 9	2'-1 1/2" to 2'-2" at 0'-0" Incr.	49	0'-4 1/2"	1'-4 1/2" to 1'-4 3/4" at 0'-0" Incr.					0'-4 1/2"								
*4P7	4	T9	0'-1 5/16"	Stirrups	4 sets of 9	2'-3" to 2'-3 1/2" at 0'-0" Incr.	52	0'-4 1/2"	1'-5 3/4" to 1'-6 1/4" at 0'-0" Incr.					0'-4 1/2"								
*4P8	4	T9	0'-1 5/16"	Stirrups	4 sets of 9	2'-4" to 2'-5" at 0'-0" Incr.	55	0'-4 1/2"	1'-7" to 1'-7 3/4" at 0'-0" Incr.					0'-4 1/2"								



STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R34

Note: Quantities are for one precast pier segment.

U.S. DEPARTMENT OF TRANSPORTATION
 FEDERAL HIGHWAY ADMINISTRATION
 EASTERN FEDERAL LANDS HIGHWAY DIVISION

 BLUE RIDGE PARKWAY

 BRIDGE OVER I-26

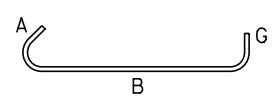
 PIER SEGMENTS PC-2, PC-3, PC-4,
 PC-5, & PC-6-2 BAR LIST - 5

NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								HC	LE	LE	No Scale	George Choubah	34 of 228	December 2018	BRP-1265

14-Dec-2018 12:17 PM M:\PROJECTS\STATE_DOT\NC\brl_126_nepa\Bridges\Microstation\Bridges Design Files\NO_OP\PROJECTS.dgn ACTUAL FILE:R35_BLR1_126_PIER SEGMENT PC-2 TO PC-6-2 BAR LIST - 6.dgn

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R35

REINFORCING STEEL SCHEDULE					DIMENSION TABLE																	
PIER SEGMENT PC-6-2 BAR LIST					(CONTINUED)																	
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N		
*4P9	4	T9	0'-1 ⁵ / ₁₆ "	Stirrups	4 sets of 9	2'-5" to 2'-6" at 0'-0" Incr.	57	0'-4 ¹ / ₂ "	1'-8" to 1'-9" at 0'-0" Incr.					0'-4 ¹ / ₂ "								
*4P10	4	T9	0'-1 ⁵ / ₁₆ "	Stirrups	4 sets of 9	2'-6" to 2'-7 ¹ / ₂ " at 0'-0" Incr.	59	0'-4 ¹ / ₂ "	1'-9" to 1'-10 ¹ / ₂ " at 0'-0" Incr.					0'-4 ¹ / ₂ "								
*4P11	4	T9	0'-1 ⁵ / ₁₆ "	Stirrups	4 sets of 9	2'-7" to 2'-9" at 0'-0" Incr.	62	0'-4 ¹ / ₂ "	1'-10" to 1'-11 ³ / ₄ " at 0'-0" Incr.					0'-4 ¹ / ₂ "								
*4P12	4	T9	0'-1 ⁵ / ₁₆ "	Stirrups	4 sets of 9	2'-8" to 2'-10" at 0'-0" Incr.	64	0'-4 ¹ / ₂ "	1'-11" to 2'-1" at 0'-0" Incr.					0'-4 ¹ / ₂ "								
*4P13	4	T9	0'-1 ⁵ / ₁₆ "	Stirrups	4 sets of 9	2'-9" to 2'-11" at 0'-0" Incr.	66	0'-4 ¹ / ₂ "	2'-0" to 2'-2" at 0'-0" Incr.					0'-4 ¹ / ₂ "								
*4P14	4	T9	0'-1 ⁵ / ₁₆ "	Stirrups	4 sets of 9	2'-9 ¹ / ₂ " to 2'-11 ¹ / ₂ " at 0'-0" Incr.	67	0'-4 ¹ / ₂ "	2'-0 ¹ / ₄ " to 2'-2 ¹ / ₂ " at 0'-0" Incr.					0'-4 ¹ / ₂ "								
*4P15	4	T9	0'-1 ⁵ / ₁₆ "	Stirrups	4 sets of 9	2'-9 ¹ / ₂ " to 3'-0" at 0'-0" Incr.	67	0'-4 ¹ / ₂ "	2'-0 ¹ / ₂ " to 2'-2 ³ / ₄ " at 0'-0" Incr.					0'-4 ¹ / ₂ "								
*4P16	4	T9	0'-1 ⁵ / ₁₆ "	Stirrups	2 sets of 9	2'-10" to 3'-0" at 0'-0" Incr.	34	0'-4 ¹ / ₂ "	2'-0 ³ / ₄ " to 2'-2 ³ / ₄ " at 0'-0" Incr.					0'-4 ¹ / ₂ "								
SUBTOTAL							3507 LBS															



TYPE T9

Note: Quantities are for one precast pier segment.

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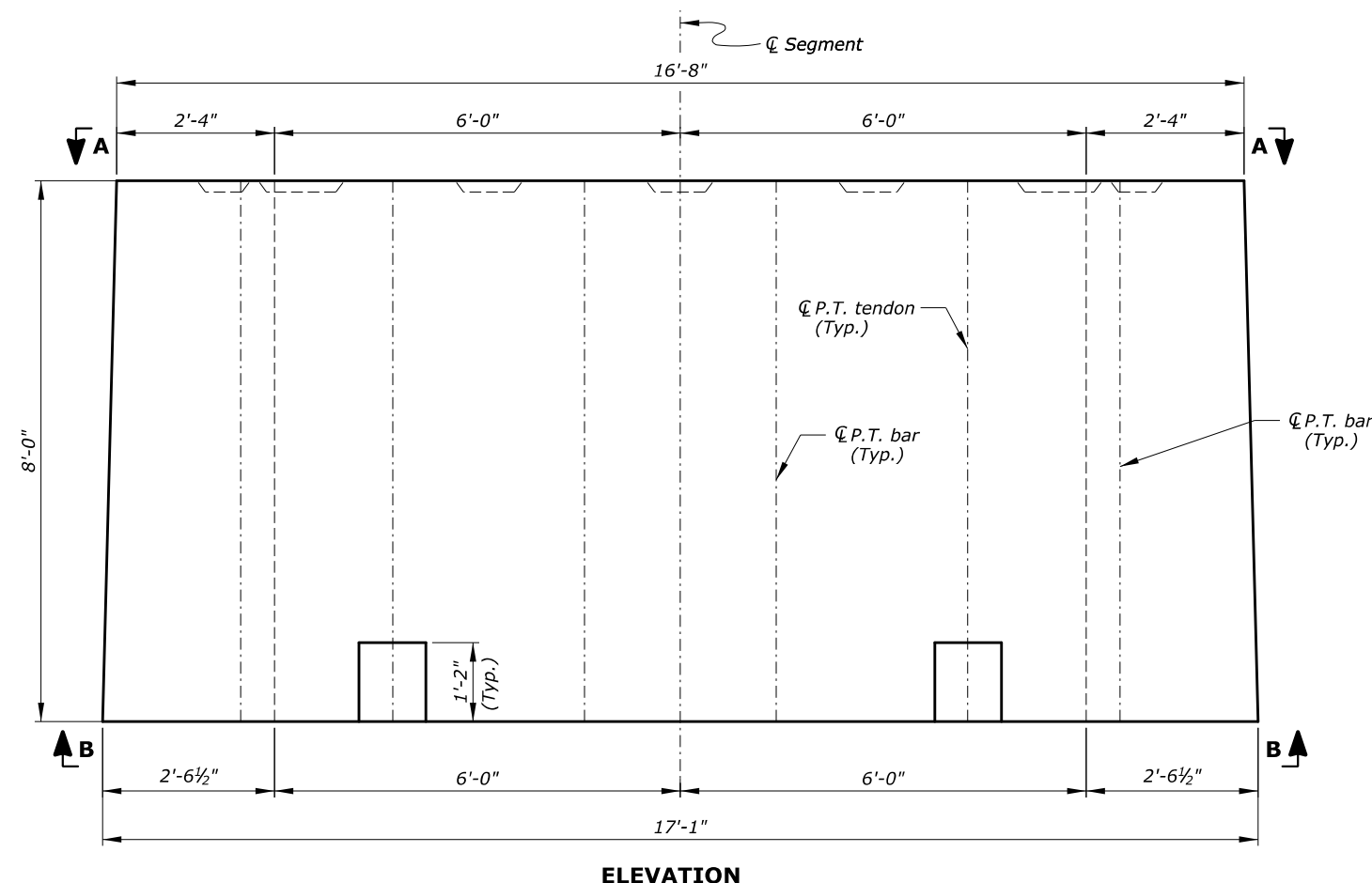
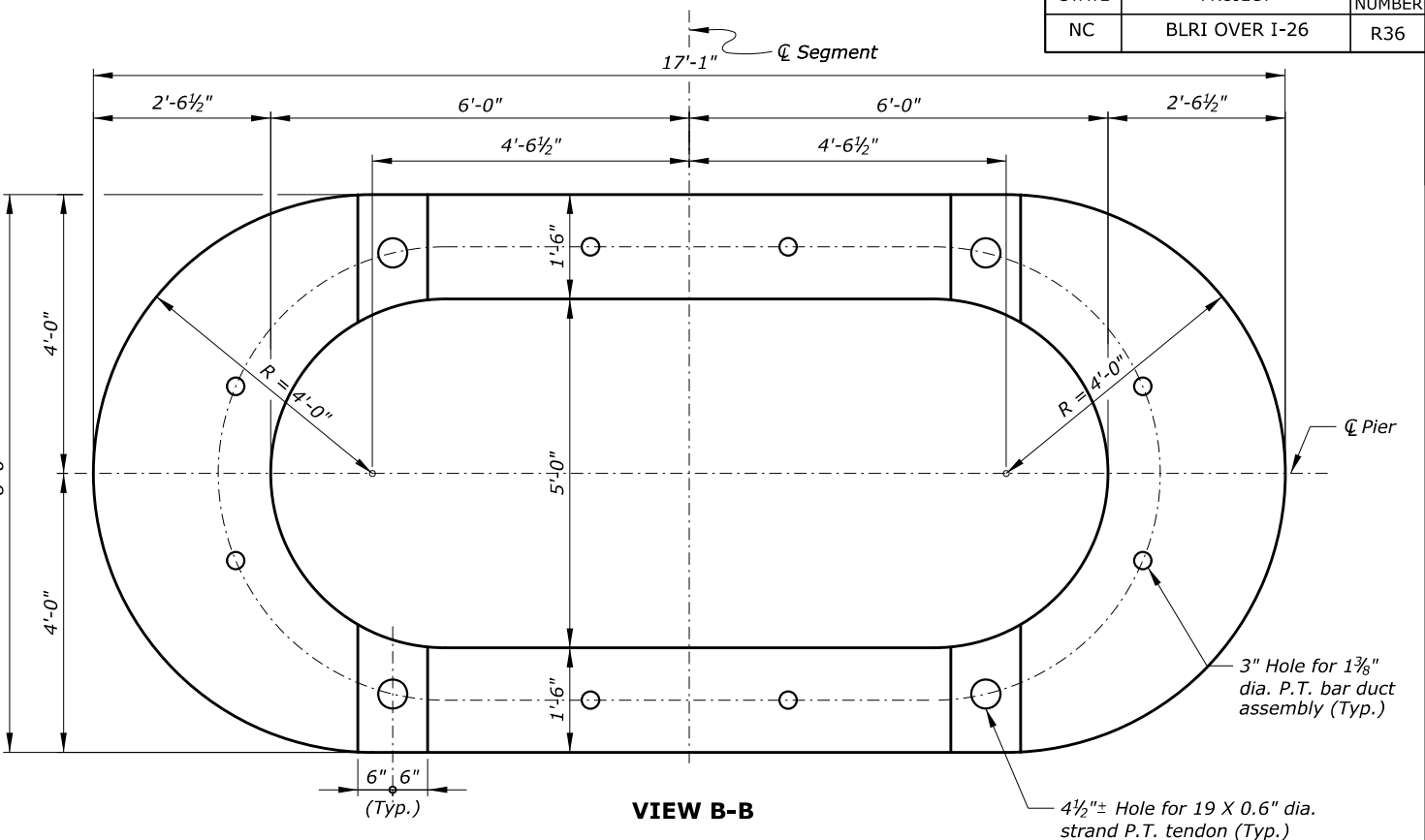
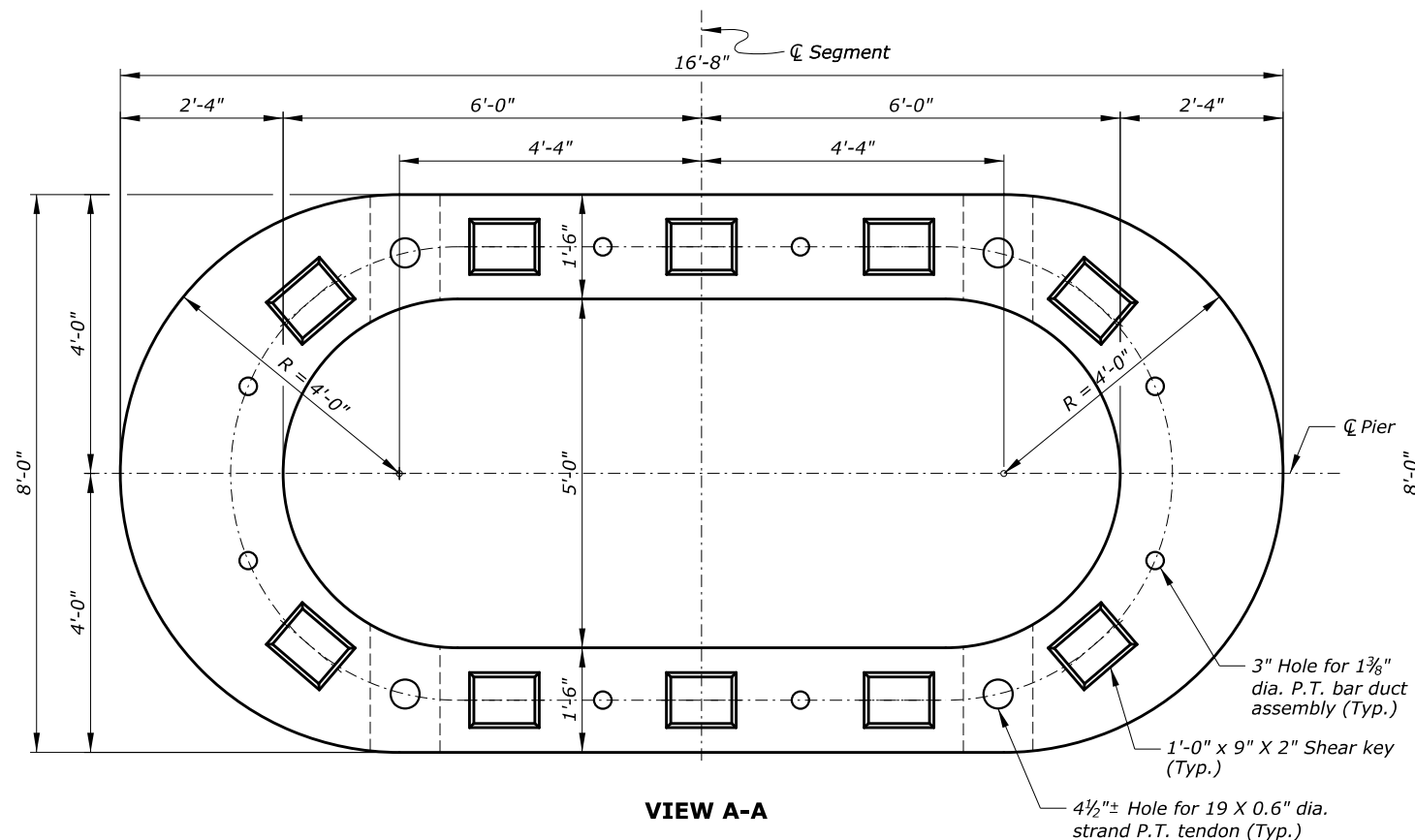
 BLUE RIDGE PARKWAY

 BRIDGE OVER I-26

 PIER SEGMENTS PC-2, PC-3, PC-4,
 PC-5, & PC-6-2 BAR LIST - 6

NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								HC	LE	LE	No Scale	George Choubah	35 of 228	December 2018	BRP-1265

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R36



- Notes:
- For shear key details, see "PIER MISCELLANEOUS DETAILS - 1" sheet.
 - For post-tensioning details, see "PIER MISCELLANEOUS DETAILS - 1" sheet.

*ESTIMATED QUANTITIES		
ITEM	UNIT	QUANTITY
Concrete - Class Special (6000 psi)	Cu. Yd.	19.7
9 1/2" x 5" x 1 3/4" P.T. Bar Anchor Plate	Each	8
1 3/8" P.T. Bar Duct Assembly**	Each	8
4 1/2"± I.D. Duct (7'-2" long)	Each	4
Duct Coupler (4 1/2"± I.D. Duct)	Each	4

* Quantities are for one Precast Box Pier Segment
 ** Duct assembly consists of 4 1/2"± I.D. duct (7'-6" long) with duct adapter

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 EASTERN FEDERAL LANDS HIGHWAY DIVISION
 BLUE RIDGE PARKWAY
 BRIDGE OVER I-26
 PIER SEGMENT PC-6-1 LAYOUT

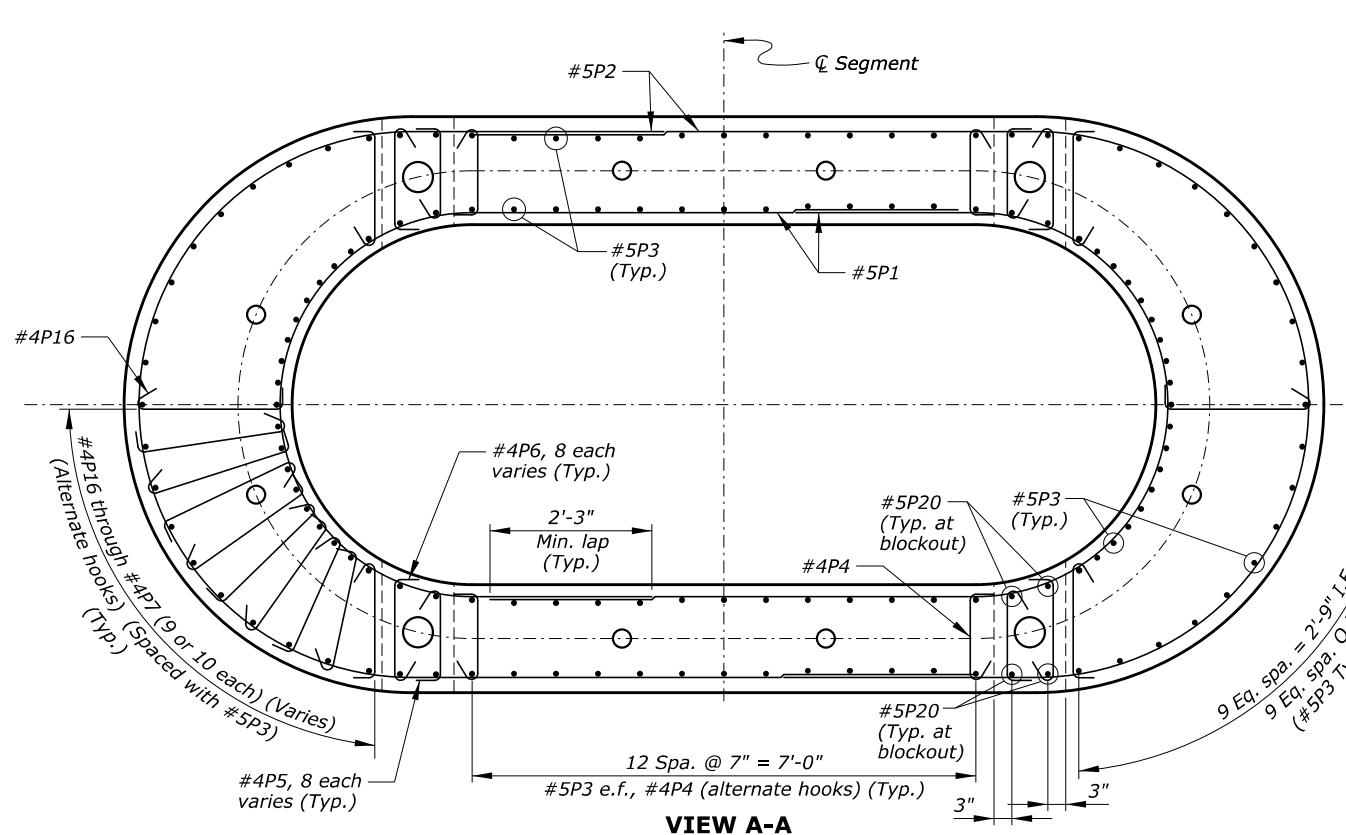
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								HC	BK	CWN	3/4" = 1'-0"	George Choubah	36 of 228	December 2018	BRP-1265

ACTUAL FILE: R37_BLR1_I26_PIER SEGMENT REINF_PC-6-1.DGN

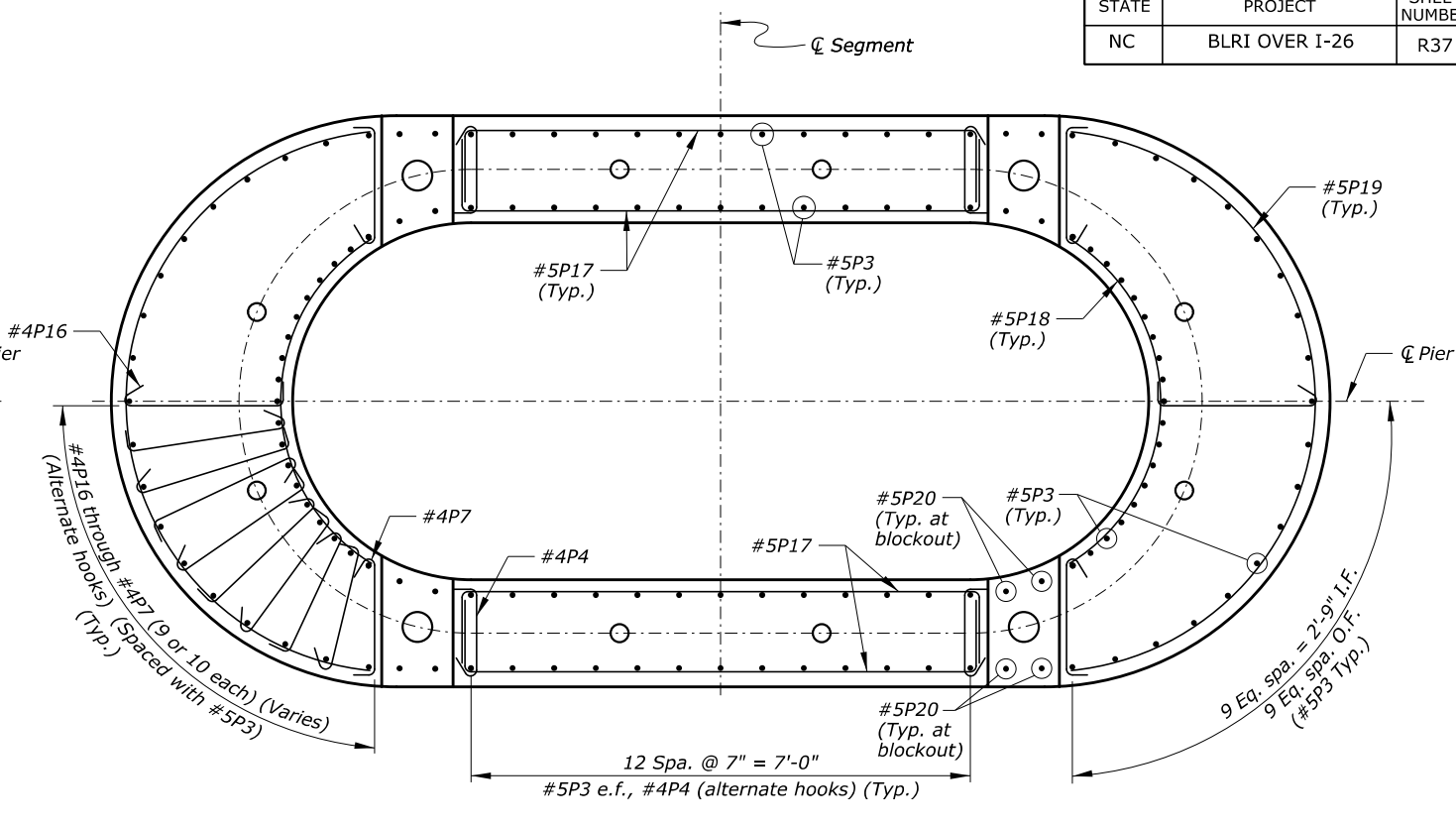
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14-Dec-2018 12:17 PM

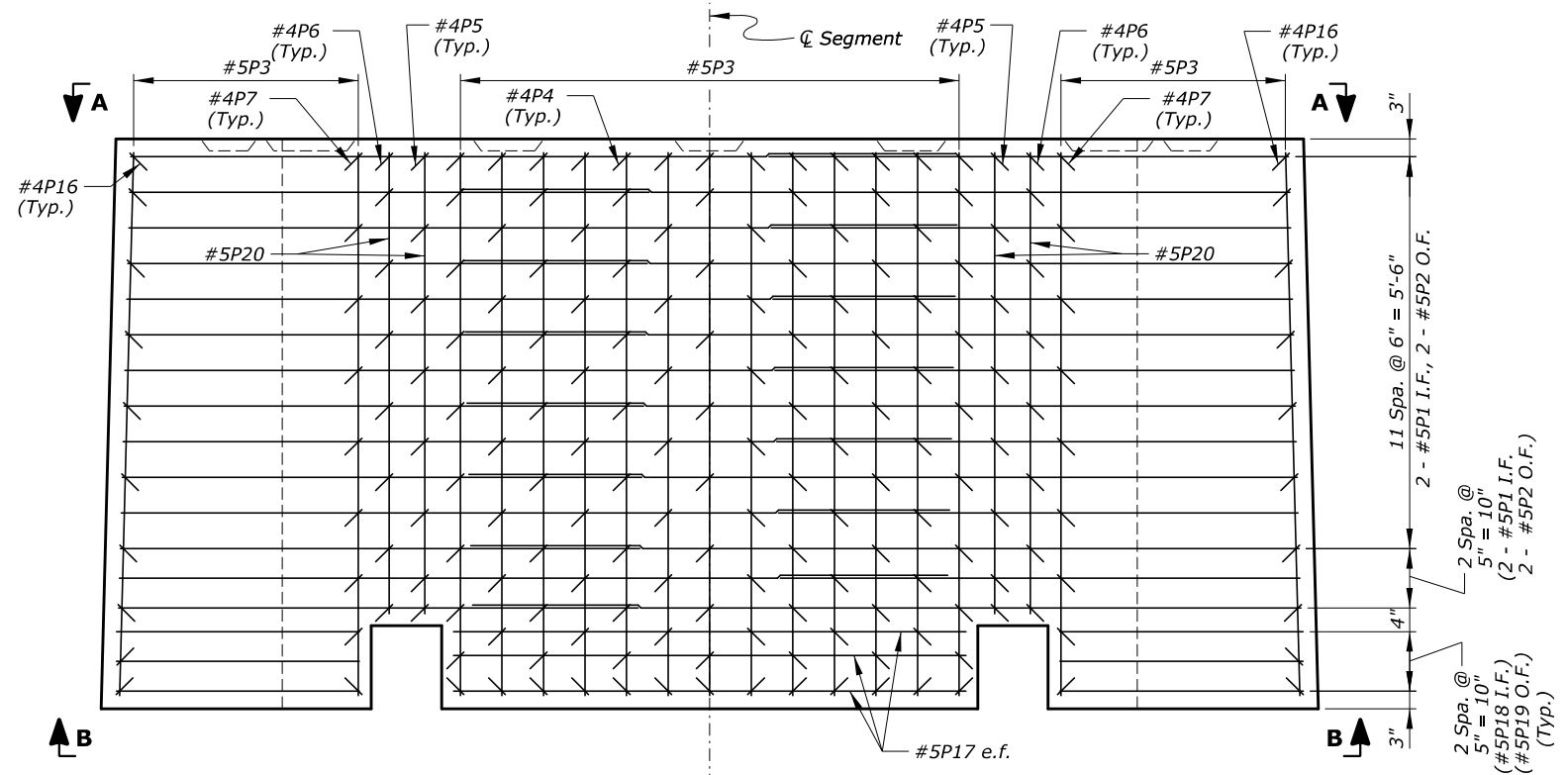
STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R37



VIEW A-A



VIEW B-B



ELEVATION

(#4P8 through #4P15 not shown for clarity)

Notes:

1. Minimum concrete cover is 1 1/2" inside face and 2" outside face.
2. Alternate splices for #5P1 and #5P2 bars so that one splice is not adjacent to the other.
3. Space all reinforcement to clear P.T. bars, P.T. tendons, and blockouts.
4. Locate #4P4 through #4P16 bars at every bar grid intersection along the top and bottom layers of reinforcement and at alternate bar grid intersections between top and bottom layers.

Key:

e.f. = each face
I.F. = inside face
O.F. = outside face

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BLUE RIDGE PARKWAY

BRIDGE OVER I-26

PIER SEGMENT PC-6-1 REINFORCEMENT

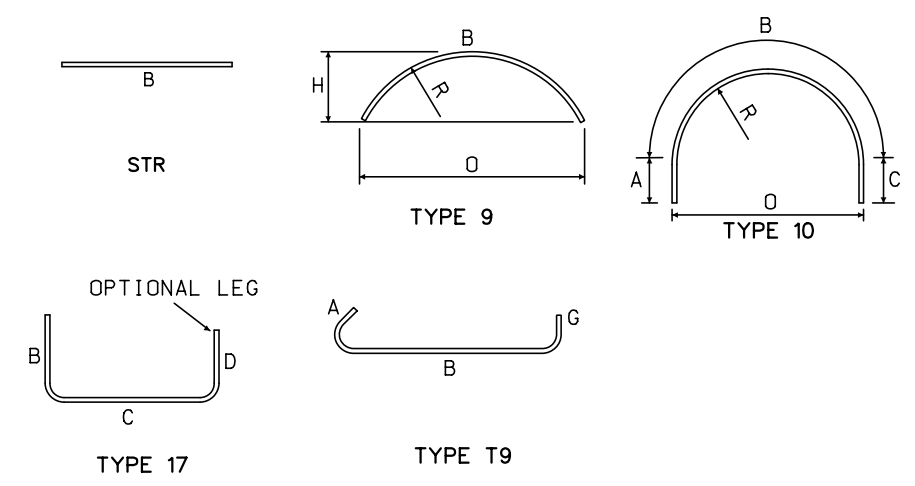
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								HC	BK	CWN	3/4" = 1'-0"	George Choubah	37 of 228	December 2018	BRP-1265

ACTUAL FILE:R38_BLR1_I26_PIER SEGMENT PC-6-1 BAR LIST - 1.dgn

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14-Dec-2018 12:17 PM

REINFORCING STEEL SCHEDULE				DIMENSION TABLE																
PIER SEGMENT PC-6-1 BAR LIST																				
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N
*5P1	5	10		Horiz.	28	17'-8"	516	6'-9"	8'-5"	2'-6"								5'-4/4"	2'-8/4"	
*5P2	5	10		Horiz.	28	23'-4/2"	683	7'-10"	12'-0/2"	3'-6"								7'-8"	3'-10"	
*5P3	5	STR		Vert. e.f.	128	7'-6"	1001		7'-6"											
*4P4	4	T9	0'-15/16"	Stirrups	248	1'-11/2"	324	0'-4/2"	1'-2/2"					0'-4/2"						
*4P5	4	T9	0'-15/16"	Stirrups	32	2'-0"	43	0'-4/2"	1'-3"					0'-4/2"						
*4P6	4	T9	0'-15/16"	Stirrups	32	2'-2"	46	0'-4/2"	1'-5"					0'-4/2"						
*4P7	4	T9	0'-15/16"	Stirrups	4	2'-4/2"	55	0'-4/2"	1'-7/2"					0'-4/2"						
					sets to of 9	2'-5" at 0'-0" Incr.			to 1'-7 3/4" at 0'-0" Incr.											
*4P8	4	T9	0'-15/16"	Stirrups	4	2'-5"	63	0'-4/2"	1'-8"					0'-4/2"						
					sets to of 10	2'-6" at 0'-0" Incr.			to 1'-8 3/4" at 0'-0" Incr.											
*4P9	4	T9	0'-15/16"	Stirrups	4	2'-6"	59	0'-4/2"	1'-9"					0'-4/2"						
					sets to of 9	2'-7" at 0'-0" Incr.			to 1'-9 3/4" at 0'-0" Incr.											
*4P10	4	T9	0'-15/16"	Stirrups	4	2'-7"	67	0'-4/2"	1'-9 3/4"					0'-4/2"						
					sets to of 10	2'-8" at 0'-0" Incr.			to 1'-11" at 0'-0" Incr.											
*4P11	4	T9	0'-15/16"	Stirrups	4	2'-7 1/2"	63	0'-4/2"	1'-10 1/2"					0'-4/2"						
					sets to of 9	2'-9" at 0'-0" Incr.			to 2'-0" at 0'-0" Incr.											
*4P12	4	T9	0'-15/16"	Stirrups	4	2'-8 1/2"	71	0'-4/2"	1'-11 1/4"					0'-4/2"						
					sets to of 10	2'-10" at 0'-0" Incr.			to 2'-1" at 0'-0" Incr.											
*4P13	4	T9	0'-15/16"	Stirrups	4	2'-9"	65	0'-4/2"	1'-11 3/4"					0'-4/2"						
					sets to of 9	2'-11" at 0'-0" Incr.			to 2'-1 3/4" at 0'-0" Incr.											
*4P14	4	T9	0'-15/16"	Stirrups	4	2'-9 1/2"	74	0'-4/2"	2'-0 1/4"					0'-4/2"						
					sets to of 10	2'-11 1/2" at 0'-0" Incr.			to 2'-2 1/2" at 0'-0" Incr.											
*4P15	4	T9	0'-15/16"	Stirrups	4	2'-9 1/2"	67	0'-4/2"	2'-0 1/2"					0'-4/2"						
					sets to of 9	3'-0" at 0'-0" Incr.			to 2'-2 3/4" at 0'-0" Incr.											
*4P16	4	T9	0'-15/16"	Stirrups	2	2'-9 1/2"	38	0'-4/2"	2'-0 1/2"					0'-4/2"						
					sets to of 10	3'-0" at 0'-0" Incr.			to 2'-3" at 0'-0" Incr.											
*5P17	5	17	0'-3 3/4"	Horiz. e.f.	12	9'-7"	120		1'-2 1/2"	7'-2"	1'-2 1/2"									
*5P18	5	9		Horiz.	6	5'-4 1/2"	34		5'-3 3/4"					1'-3 1/4"			4'-6 1/4"	2'-8 1/4"		
*5P19	5	9		Horiz.	6	11'-3 1/2"	71		11'-2 1/2"					3'-5 3/4"			7'-7 1/2"	3'-10"		



Note: Quantities are for one precast pier segment.

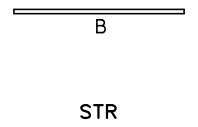
U.S. DEPARTMENT OF TRANSPORTATION
 FEDERAL HIGHWAY ADMINISTRATION
 EASTERN FEDERAL LANDS HIGHWAY DIVISION
 BLUE RIDGE PARKWAY
 BRIDGE OVER I-26
 PIER SEGMENT PC-6-1 BAR LIST - 1

NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								HC	LE	LE	No Scale	George Choubah	38 of 228	December 2018	BRP-1265

ACTUAL FILE: R39_BLR1_I26_PIER SEGMENT PC-6-1 BAR LIST - 2.dgn
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STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R39

REINFORCING STEEL SCHEDULE				DIMENSION TABLE																	
PIER SEGMENT PC-6-1 BAR LIST				(CONTINUED)																	
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N	
*5P20	5	STR		Vert. e.f.	16	6'-4"	106		6'-4"												
SUBTOTAL							3590 LBS														



Note: Quantities are for one precast pier segment.

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 EASTERN FEDERAL LANDS HIGHWAY DIVISION

 BLUE RIDGE PARKWAY

 BRIDGE OVER I-26

PIER SEGMENT PC-6-1 BAR LIST - 2

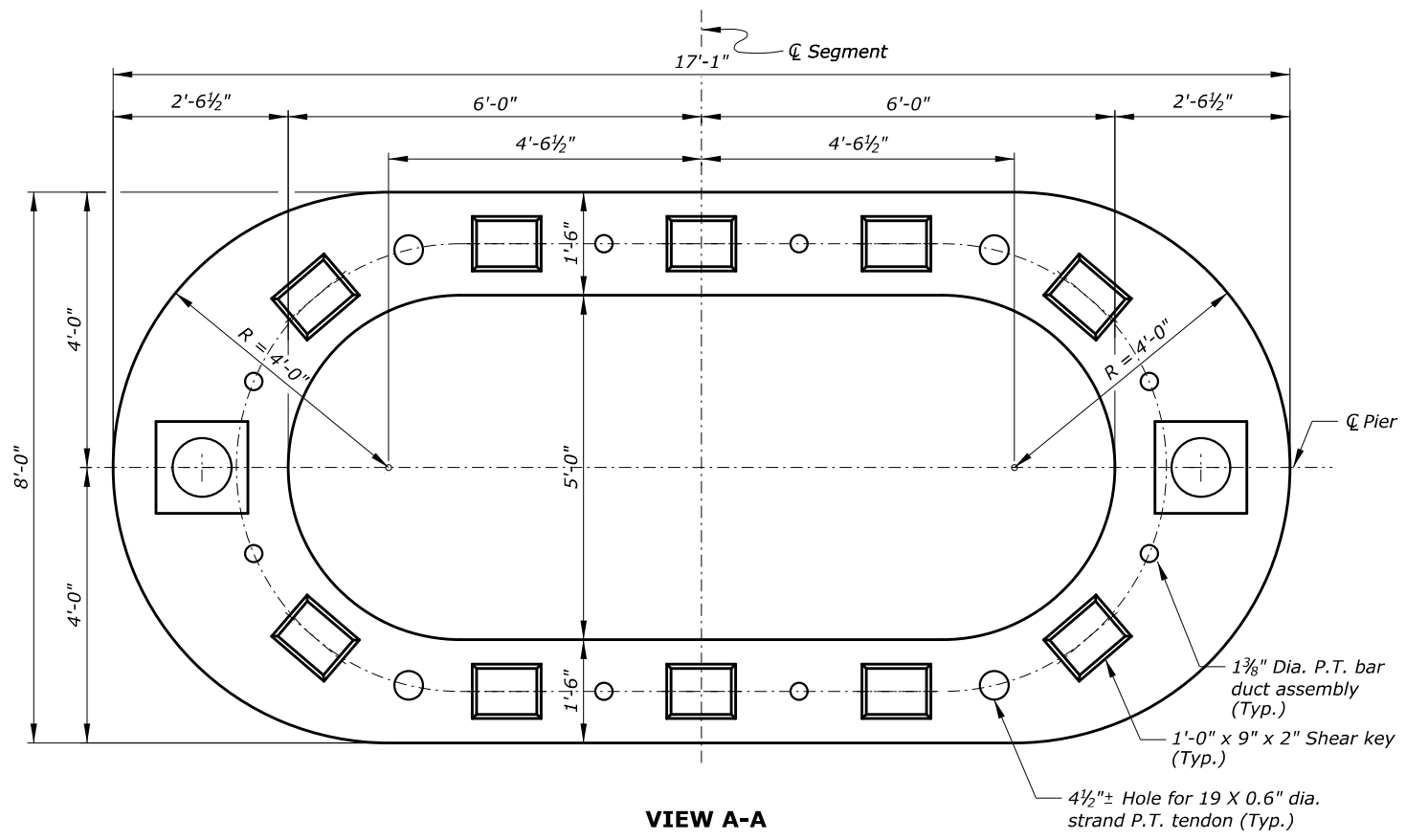
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								HC	LE	LE	No Scale	George Choubah	39 of 228	December 2018	BRP-1265

ACTUAL FILE: R40_BLR1_I26_PIER SEGMENT LAYOUT_PC-7.DGN

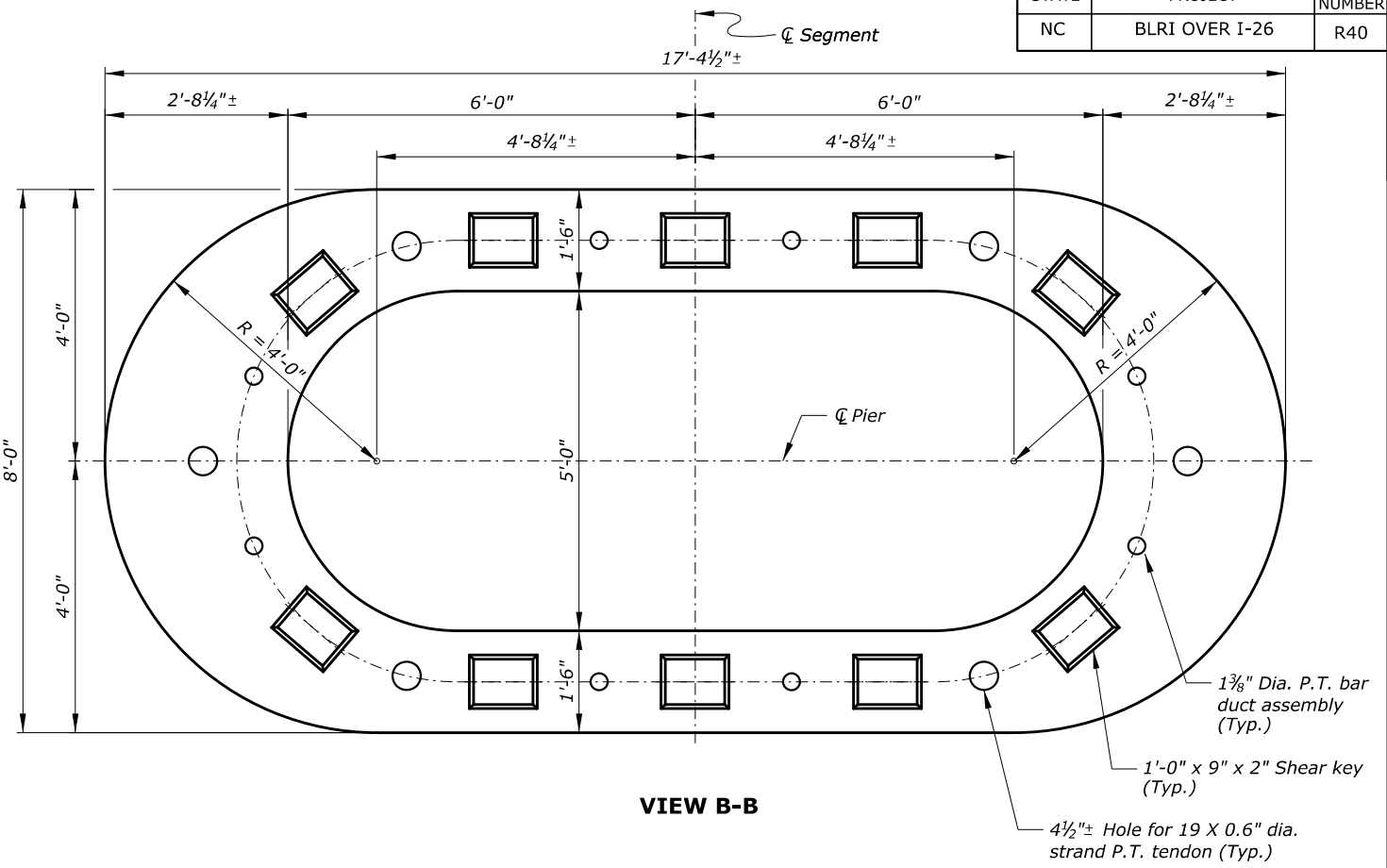
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14-Dec-2018 12:17 PM

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R40



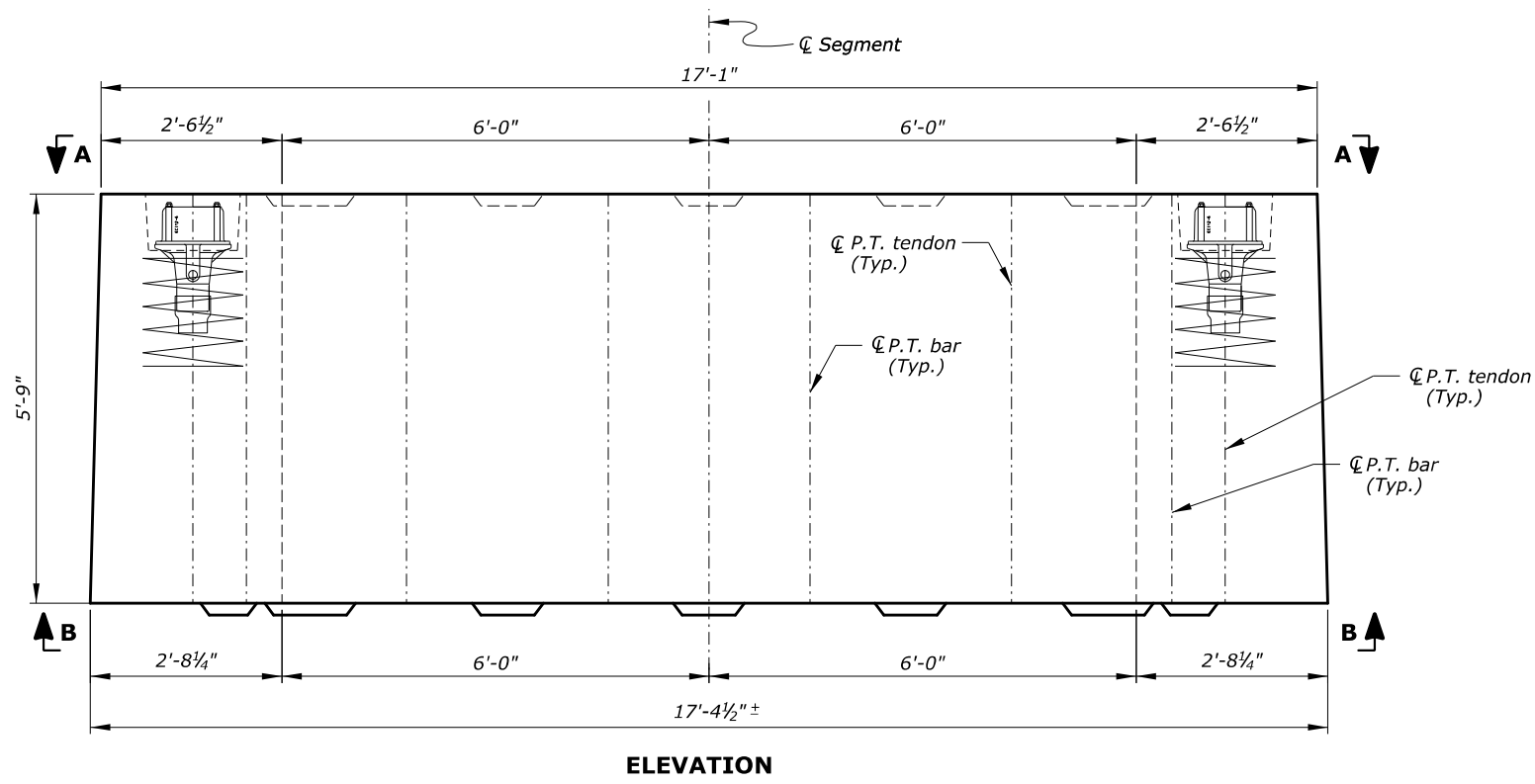
VIEW A-A



VIEW B-B

Notes:

- For shear key details, see "PIER MISCELLANEOUS DETAILS - 1" sheet.
- For post-tensioning details, see "PIER MISCELLANEOUS DETAILS - 1" sheet.



ELEVATION

*ESTIMATED QUANTITIES		
ITEM	UNIT	QUANTITY
Concrete - Class Special (6000 psi)	Cu. Yd.	14.8
9 1/2" x 5" x 1 3/4" P.T. Bar Anchor Plate	Each	8
1 3/8" P.T. Bar Duct Assembly**	Each	8
4 1/2"± I.D. Duct (5'-11" long)	Each	6
Duct Coupler (4 1/2"± I.D. Duct)	Each	6

* Quantities are for one Precast Box Pier Segment
 ** Duct assembly consists of 4 1/2"± I.D. duct (5'-3" long) with duct adapter

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 BLUE RIDGE PARKWAY

 BRIDGE OVER I-26

PIER SEGMENT PC-7 LAYOUT

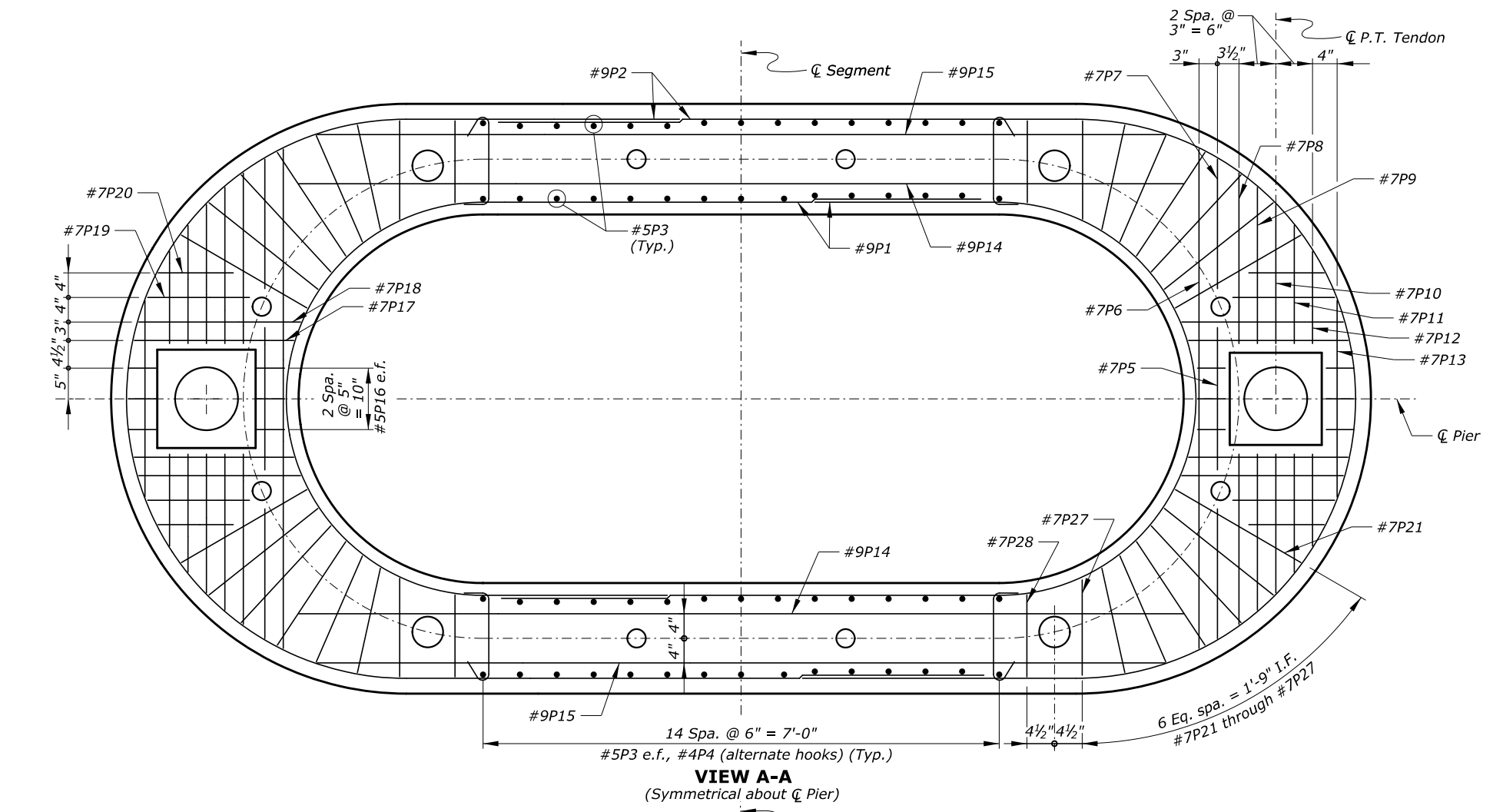
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								HC	BK	CWN	3/4" = 1'-0"	George Choubah	40 of 228	December 2018	BRP-1265

ACTUAL FILE: R41_BLR1_I26_PIER_SEGMENT REINF_PC-7 - 1.DGN

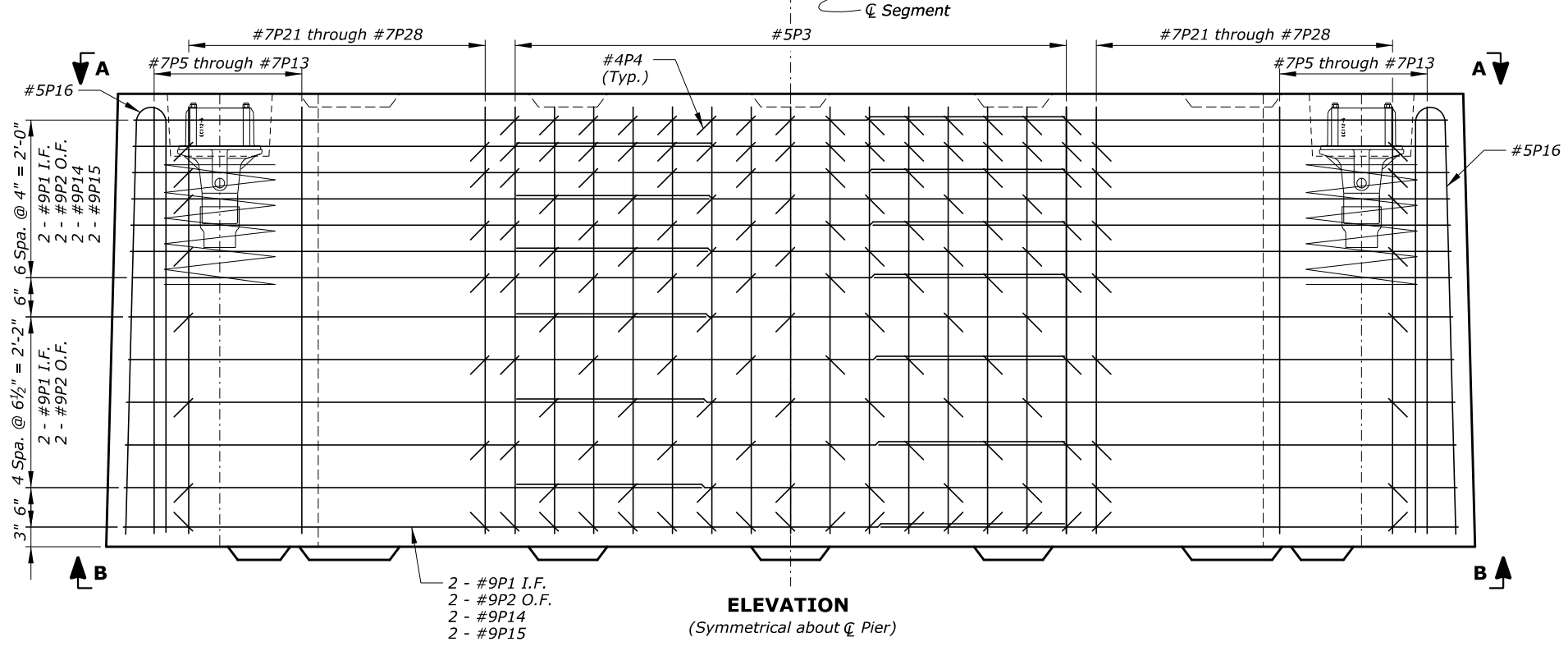
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STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R41



VIEW A-A
(Symmetrical about C Pier)



ELEVATION
(Symmetrical about C Segment)

Notes:

1. Minimum concrete cover is 1½" inside face and 2" outside face.
2. Alternate splices for #9P1 and #9P2 bars so that one splice is not adjacent to the other.
3. Space all reinforcement to clear P.T. bars, P.T. tendons, and blockouts.
4. Locate #4P4 and #4P32 through #4P40 bars at every bar grid intersection along the top two layers and bottom layer of reinforcement and at alternate bar grid intersections between top and bottom layers.
5. Place #5P29, #5P30, and #5P31 bars at every layer below top.

Key:

- e.f. = each face
- I.F. = inside face
- O.F. = outside face

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 BLUE RIDGE PARKWAY

 BRIDGE OVER I-26

PIER SEGMENT PC-7 REINFORCEMENT - 1

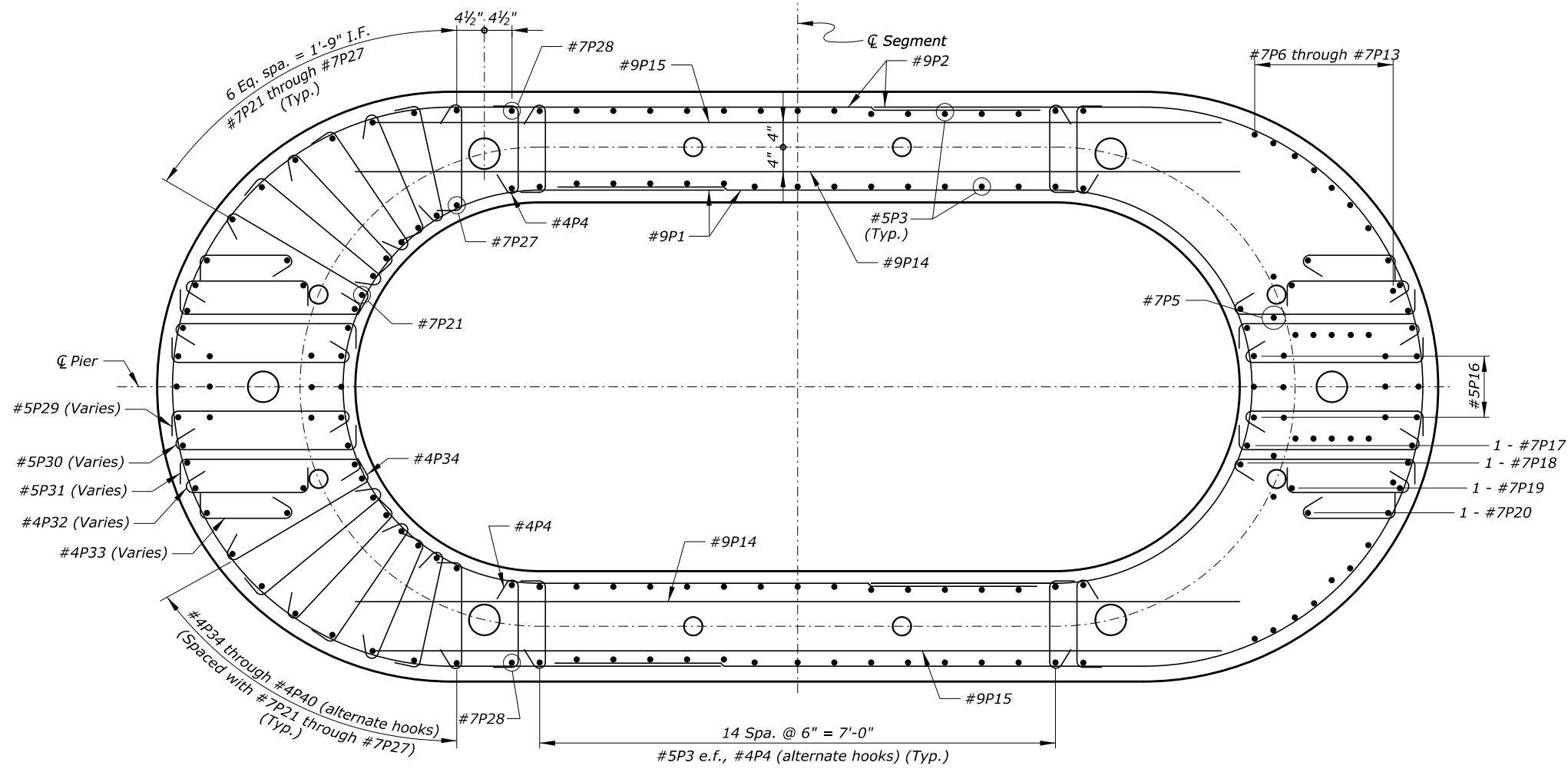
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								HC	BK	CWN	1" = 1'-0"	George Choubah	41 of 228	December 2018	BRP-1265

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R42

ACTUAL FILE: R42_BLR1_I26_PIER_SEGMENT REINF_PC-7 - 2.DGN

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14-Dec-2018 12:17 PM



VIEW B-B

(Bars #7P5 through #7P13 not shown for clarity in left half)
(Bars #7P21 through #7P27 and #4P34 through #4P40 not shown for clarity in right half)
(Symmetrical about \bar{C} Pier)

Notes:

1. Minimum concrete cover is 1 1/2" inside face and 2" outside face.
2. Alternate splices for #9P1 and #9P2 bars so that one splice is not adjacent to the other.
3. Space all reinforcement to clear P.T. bars, P.T. tendons, and blockouts.
4. Locate #4P4 and #4P32 through #4P40 bars at every bar grid intersection along the top two layers and bottom layer of reinforcement and at alternate bar grid intersections between top and bottom layers.
5. Place #5P29, #5P30, and #5P31 bars at every layer below top.
6. Hook #5P30 through #4P33 bars with #7P17 through #7P20 bars.

Key:

e.f. = each face
I.F. = inside face
O.F. = outside face

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BLUE RIDGE PARKWAY

BRIDGE OVER I-26

PIER SEGMENT PC-7 REINFORCEMENT - 2

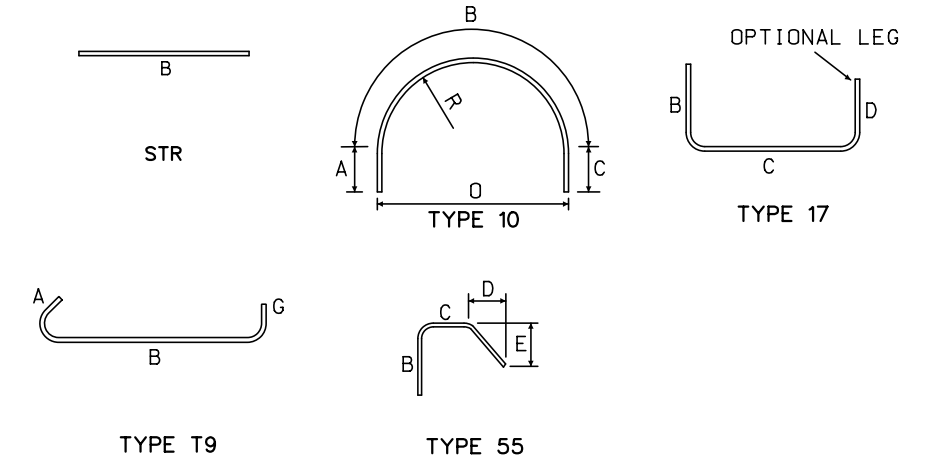
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								HC	BK	CWN	1" = 1'-0"	George Choubah	42 of 228	December 2018	BRP-1265

ACTUAL FILE:R43_BLR1_I26_PIER SEGMENT PC-7 BAR LIST - 1.dgn

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14-Dec-2018 12:17 PM

REINFORCING STEEL SCHEDULE				DIMENSION TABLE																
PIER SEGMENT PC-7 BAR LIST																				
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N
*9P1	9	10		Horiz.	26	19'-11/2"	1691	6'-9"	8'-6 1/2"	3'-10"								5'-5 1/4"	2'-8 3/4"	
*9P2	9	10		Horiz.	26	25'-0"	2210	7'-10"	12'-0 1/2"	5'-1 1/2"								7'-8"	3'-10"	
*5P3	5	STR		Vert. e.f.	60	5'-3"	329		5'-3"											
*4P4	4	T9	0'-1 5/16"	Stirrups	240	1'-11 1/2"	314	0'-4 1/2"	1'-2 1/2"									0'-4 1/2"		
*7P5	7	17	0'-5 5/16"	Vert.	2	12'-9 1/2"	52		5'-5"	1'-11 1/4"	5'-5"									
*7P6	7	17	0'-5 5/16"	Vert.	2	17'-5 1/2"	71		5'-4"	6'-9 1/4"	5'-4"									
*7P7	7	55	0'-5 5/16"	Vert.	4	12'-3"	100	5'-3"	1'-9"	90°	89°									
*7P8	7	55	0'-5 5/16"	Vert.	4	12'-9"	104		5'-3"	2'-3 1/4"	0'-1 3/4"	5'-3"								
*7P9	7	55	0'-5 5/16"	Vert.	4	12'-7"	103		5'-3"	2'-1"	0'-1 3/4"	5'-3"								
*7P10	7	55	0'-5 5/16"	Vert.	4	12'-4"	101		5'-3"	1'-10 1/4"	0'-1 3/4"	5'-3"								
*7P11	7	55	0'-5 5/16"	Vert.	4	12'-1"	99		5'-3"	1'-6 3/4"	0'-2 1/4"	5'-3"								
*7P12	7	55	0'-5 5/16"	Vert.	4	11'-9"	96		5'-3"	1'-2 3/4"	0'-2 1/2"	5'-3"								
*7P13	7	17	0'-5 5/16"	Vert.	2	13'-2"	54		5'-3"	2'-8"	5'-3"									
*9P14	9	STR		Horiz.	16	12'-0"	653		12'-0"											
*9P15	9	STR		Horiz.	16	11'-6"	626		11'-6"											
*5P16	5	55	0'-3 3/4"	Vert.	12	10'-11"	137		5'-3"	0'-5"	0'-2"	5'-3"								
*7P17	7	55	0'-5 5/16"	Vert.	4	12'-8"	104		5'-3"	2'-2"	0'-2"	5'-3"								
*7P18	7	55	0'-5 5/16"	Vert.	4	12'-8 1/2"	104		5'-3"	2'-2 1/2"	0'-2"	5'-3"								
*7P19	7	55	0'-5 5/16"	Vert.	4	11'-10 1/2"	97		5'-3"	1'-4 1/2"	0'-1 3/4"	5'-3"								
*7P20	7	55	0'-5 5/16"	Vert.	4	11'-5 1/2"	94		5'-3"	0'-11 3/4"	0'-2"	5'-3"								
*7P21	7	55	0'-5 5/16"	Vert.	4	12'-5 1/2"	102		5'-3"	1'-11 1/4"	0'-2 1/4"	5'-3"								
*7P22	7	55	0'-5 5/16"	Vert.	4	12'-4"	101		5'-3"	1'-10 1/4"	0'-2"	5'-3"								
*7P23	7	55	0'-5 5/16"	Vert.	4	12'-3 1/2"	100		5'-3"	1'-9 1/2"	0'-0 1/2"	5'-3"								
*7P24	7	55	0'-5 5/16"	Vert.	4	12'-1 1/2"	99		5'-3"	1'-7 3/4"	0'-1 3/4"	5'-3"								
*7P25	7	55	0'-5 5/16"	Vert.	4	12'-1"	99		5'-3"	1'-6 3/4"	0'-0 1/2"	5'-3"								
*7P26	7	55	0'-5 5/16"	Vert.	4	11'-11 1/2"	98		5'-3"	1'-5 1/2"	0'-0 1/4"	5'-3"								
*7P27	7	55	0'-5 5/16"	Vert.	4	11'-10"	97		5'-3"	1'-4"	0'-0 1/2"	5'-3"								
*7P28	7	55	0'-5 5/16"	Vert.	4	11'-7 1/2"	95		5'-3"	1'-1 1/4"	0'-0 1/2"	5'-3"								
*5P29	5	T9	0'-2 9/16"	Stirrups	4 sets of 12	3'-3" to 3'-4 1/2" at 0'-0" Incr.	160	0'-5 1/2"	2'-3 1/4" to 2'-5" at 0'-0" Incr.									0'-6"		
*5P30	5	T9	0'-2 9/16"	Stirrups	4 sets of 12	3'-2 1/2" to 3'-3 1/2" at 0'-0" Incr.	157	0'-5 1/2"	2'-2 3/4" to 2'-4" at 0'-0" Incr.									0'-6"		
*5P31	5	T9	0'-2 9/16"	Stirrups	4 sets of 12	3'-2 1/2" to 3'-4" at 0'-0" Incr.	158	0'-5 1/2"	2'-3" to 2'-4 1/2" at 0'-0" Incr.									0'-6"		
*4P32	4	T9	0'-1 5/16"	Stirrups	4 sets of 8	2'-2" to 2'-3" at 0'-0" Incr.	45	0'-4 1/2"	1'-5" to 1'-6" at 0'-0" Incr.									0'-4 1/2"		
*4P33	4	T9	0'-1 5/16"	Stirrups	4 sets of 8	1'-9 1/2" to 1'-11" at 0'-0" Incr.	37	0'-4 1/2"	1'-0 1/2" to 1'-1 3/4" at 0'-0" Incr.									0'-4 1/2"		
*4P34	4	T9	0'-1 5/16"	Stirrups	4 sets of 8	2'-9" to 2'-10 1/2" at 0'-0" Incr.	58	0'-4 1/2"	1'-11 3/4" to 2'-1 1/4" at 0'-0" Incr.									0'-4 1/2"		



Note: Quantities are for one precast pier segment.

U.S. DEPARTMENT OF TRANSPORTATION
 FEDERAL HIGHWAY ADMINISTRATION
 EASTERN FEDERAL LANDS HIGHWAY DIVISION
 BLUE RIDGE PARKWAY
 BRIDGE OVER I-26
 PIER SEGMENT PC-7 BAR LIST - 1

NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								HC	LE	LE	No Scale	George Choubah	43 of 228	December 2018	BRP-1265

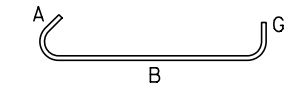
ACTUAL FILE: R44_BLR1_I26_PIER_SEGMENT_PC-7_BAR_LIST - 2.dgn

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STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R44

REINFORCING STEEL SCHEDULE					DIMENSION TABLE																	
PIER SEGMENT PC-7 BAR LIST					(CONTINUED)																	
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N		
*4P35	4	T9	0'-1 ⁵ / ₁₆ "	Stirrups	4 sets of 8	2'-8" to 2'-9 ¹ / ₂ " at 0'-0" Incr.	56	0'-4 ¹ / ₂ "	1'-10 ³ / ₄ " to 2'-0 ¹ / ₄ " at 0'-0" Incr.					0'-4 ¹ / ₂ "								
*4P36	4	T9	0'-1 ⁵ / ₁₆ "	Stirrups	4 sets of 8	2'-6 ¹ / ₂ " to 2'-7 ¹ / ₂ " at 0'-0" Incr.	53	0'-4 ¹ / ₂ "	1'-9 ¹ / ₂ " to 1'-10 ¹ / ₄ " at 0'-0" Incr.					0'-4 ¹ / ₂ "								
*4P37	4	T9	0'-1 ⁵ / ₁₆ "	Stirrups	4 sets of 8	2'-5 ¹ / ₂ " to 2'-6 ¹ / ₂ " at 0'-0" Incr.	51	0'-4 ¹ / ₂ "	1'-8 ¹ / ₄ " to 1'-9 ¹ / ₄ " at 0'-0" Incr.					0'-4 ¹ / ₂ "								
*4P38	4	T9	0'-1 ⁵ / ₁₆ "	Stirrups	4 sets of 8	2'-4" to 2'-5" at 0'-0" Incr.	49	0'-4 ¹ / ₂ "	1'-7" to 1'-7 ³ / ₄ " at 0'-0" Incr.					0'-4 ¹ / ₂ "								
*4P39	4	T9	0'-1 ⁵ / ₁₆ "	Stirrups	4 sets of 8	2'-2 ¹ / ₂ " to 2'-3" at 0'-0" Incr.	46	0'-4 ¹ / ₂ "	1'-5 ¹ / ₂ " to 1'-6" at 0'-0" Incr.					0'-4 ¹ / ₂ "								
*4P40	4	T9	0'-1 ⁵ / ₁₆ "	Stirrups	4 sets of 8	2'-1" to 2'-1 ¹ / ₂ " at 0'-0" Incr.	43	0'-4 ¹ / ₂ "	1'-4" to 1'-4 ¹ / ₂ " at 0'-0" Incr.					0'-4 ¹ / ₂ "								
SUBTOTAL							8877 LBS															



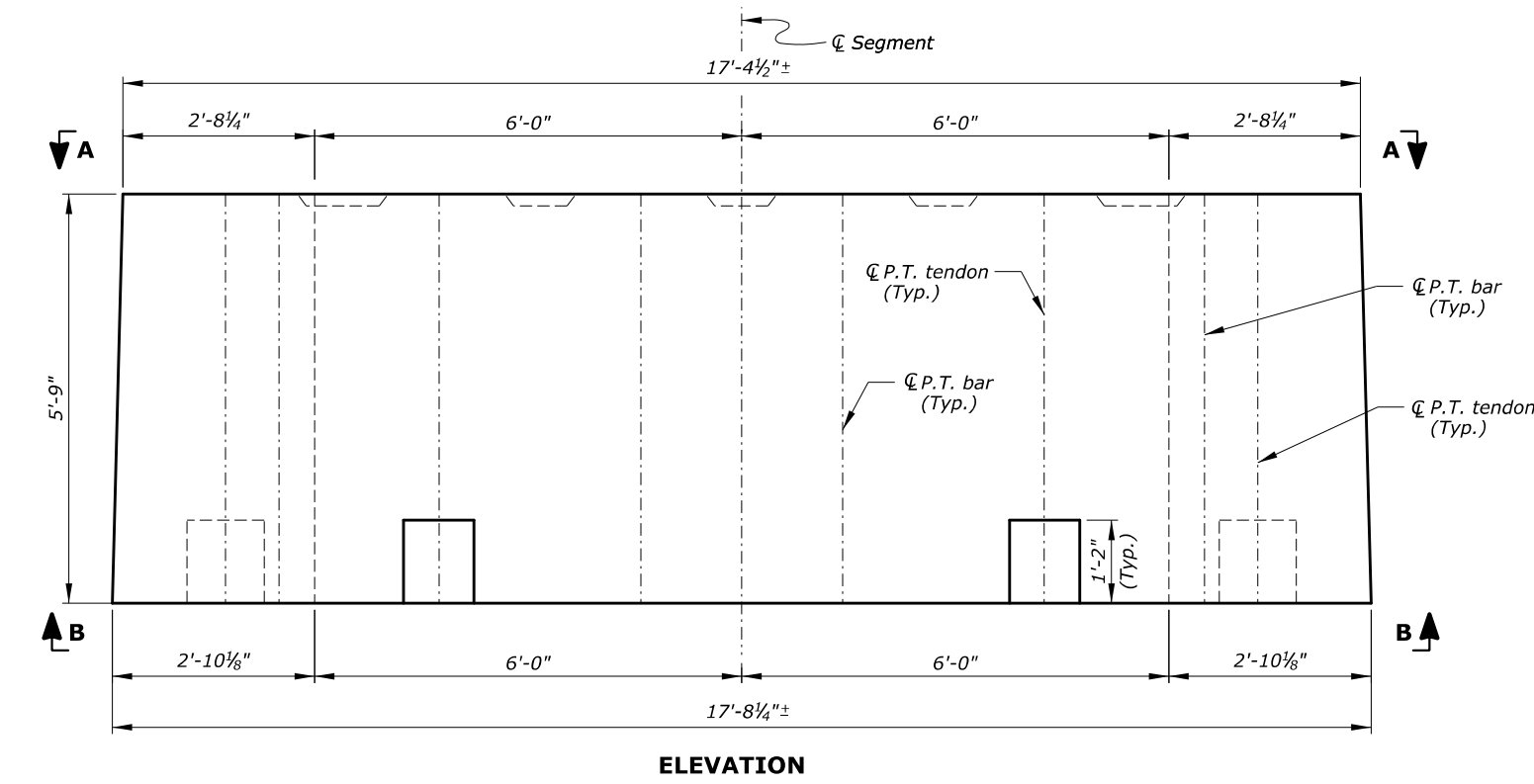
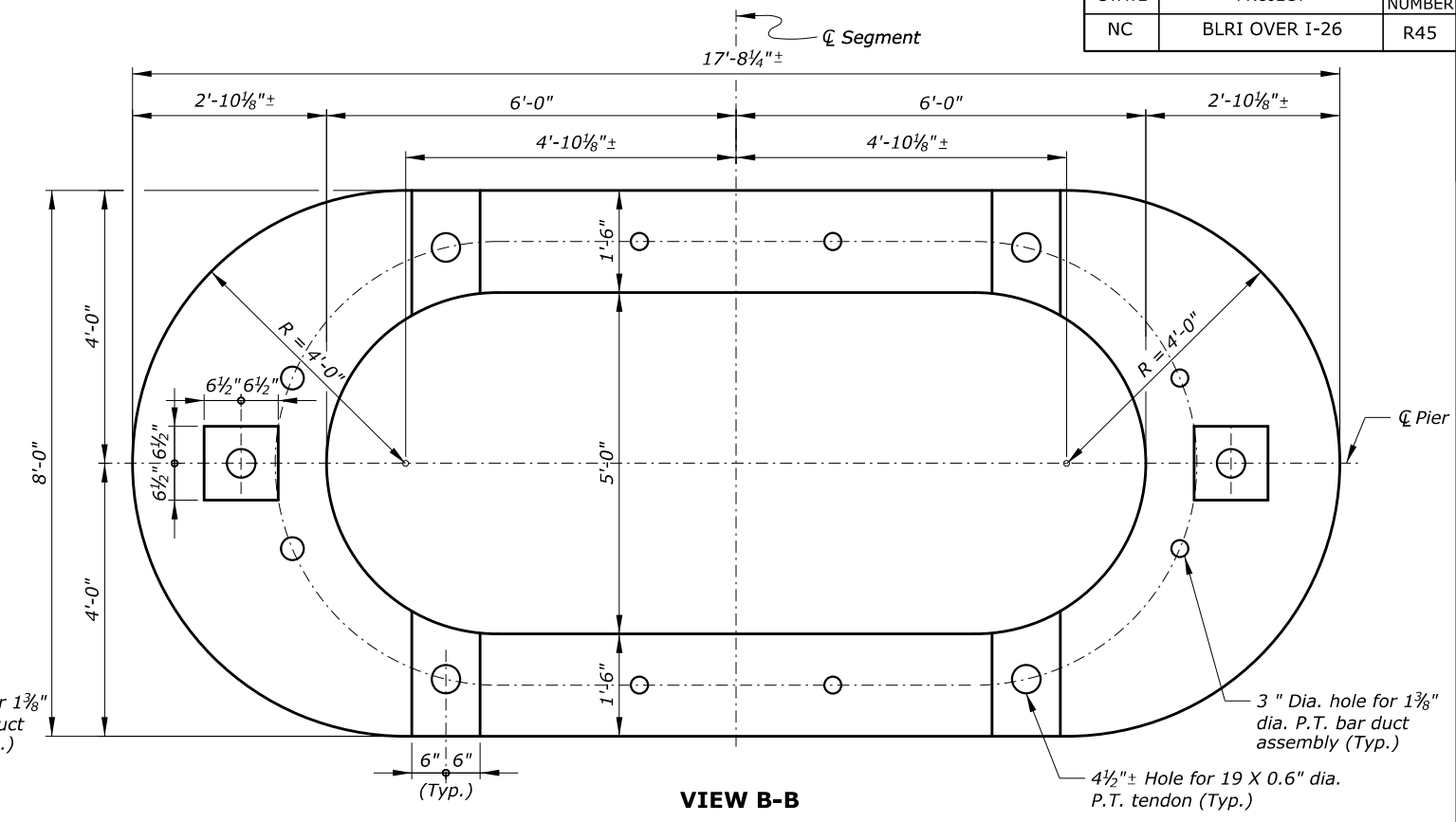
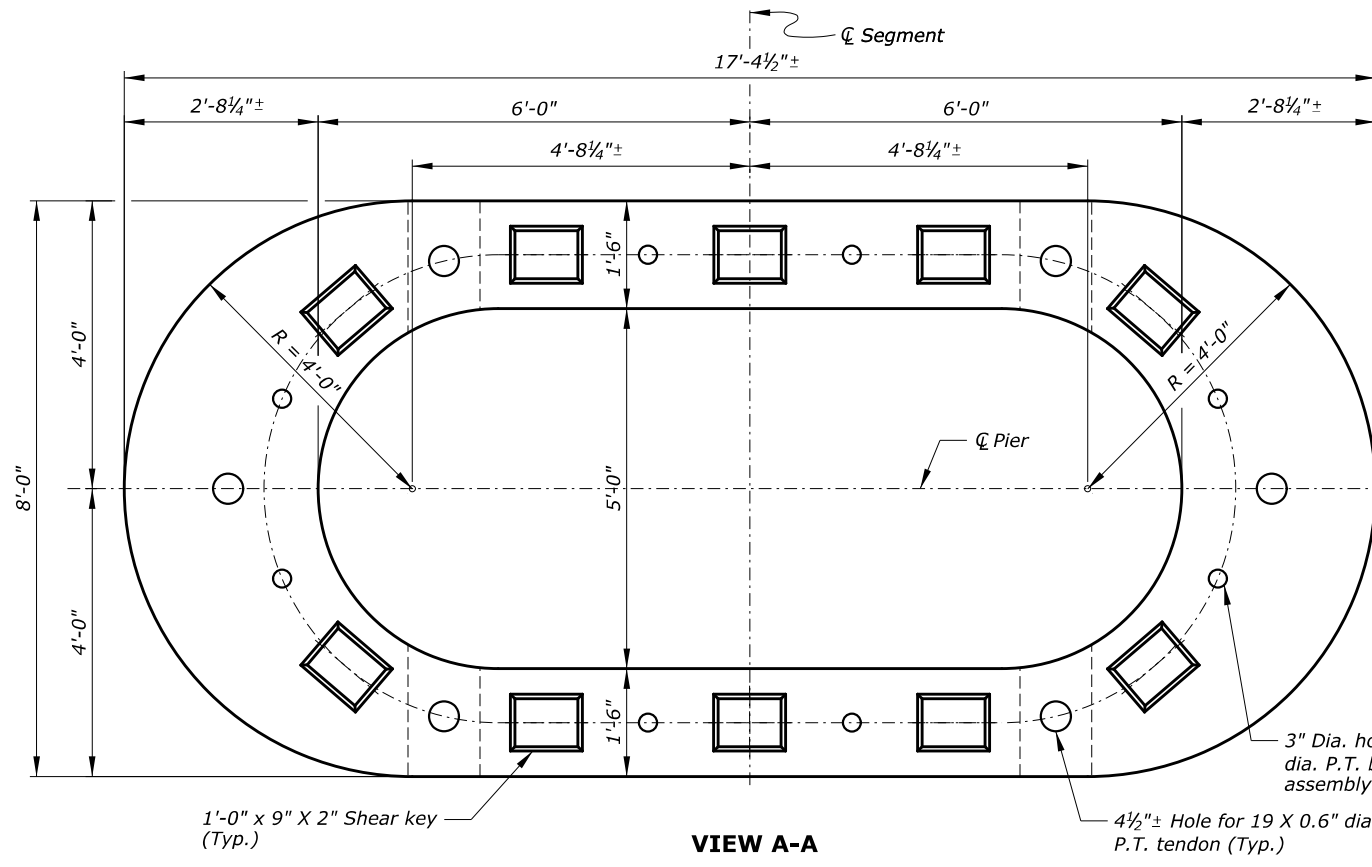
TYPE T9

Note: Quantities are for one precast pier segment.

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 FEDERAL HIGHWAY ADMINISTRATION
 EASTERN FEDERAL LANDS HIGHWAY DIVISION
 BLUE RIDGE PARKWAY
 BRIDGE OVER I-26
 PIER SEGMENT PC-7 BAR LIST - 2

NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								HC	LE	LE	No Scale	George Choubah	44 of 228	December 2018	BRP-1265

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R45



Notes:

- For shear key details, see "PIER MISCELLANEOUS DETAILS - 1" sheet.
- For post-tensioning details, see "PIER MISCELLANEOUS DETAILS - 1" sheet.

*ESTIMATED QUANTITIES		
ITEM	UNIT	QUANTITY
Concrete - Class Special (6000 psi)	Cu. Yd.	15.3
9 1/2" x 5" x 1 3/4" P.T. Bar Anchor Plate	Each	8
1 3/8" P.T. Bar Duct Assembly**	Each	8
4 1/2" ± I.D. Duct (7'-2" long)	Each	6
Duct Coupler (4 1/2" ± I.D. Duct)	Each	6

* Quantities are for one Precast Box Pier Segment
 ** Duct assembly consists of 4 1/2" ± I.D. duct (7'-6" long) with duct adapter

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 EASTERN FEDERAL LANDS HIGHWAY DIVISION
 BLUE RIDGE PARKWAY
 BRIDGE OVER I-26
 PIER SEGMENT PC-8 LAYOUT

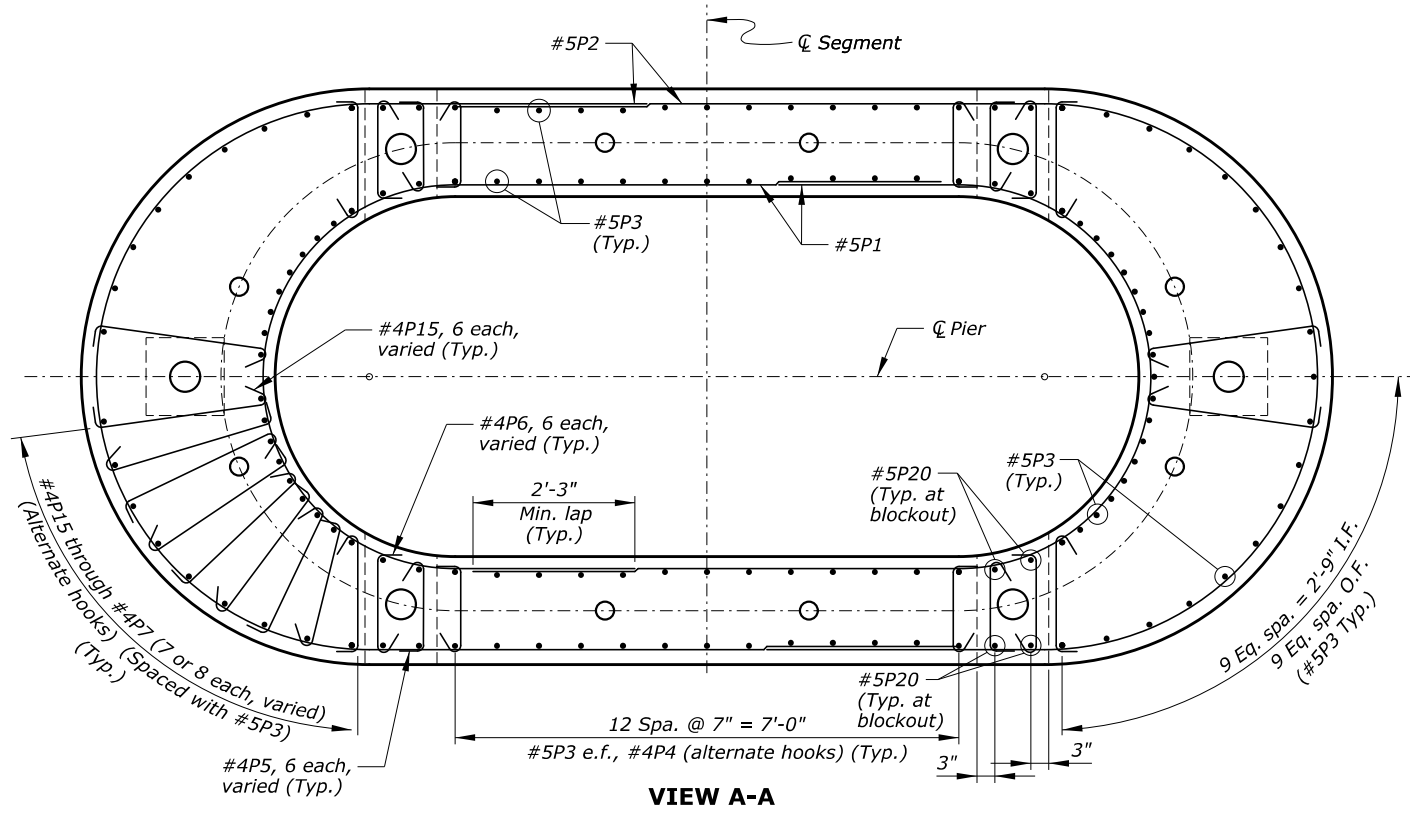
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								HC	BK	CWN	3/4" = 1'-0"	George Choubah	45 of 228	December 2018	BRP-1265

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R46

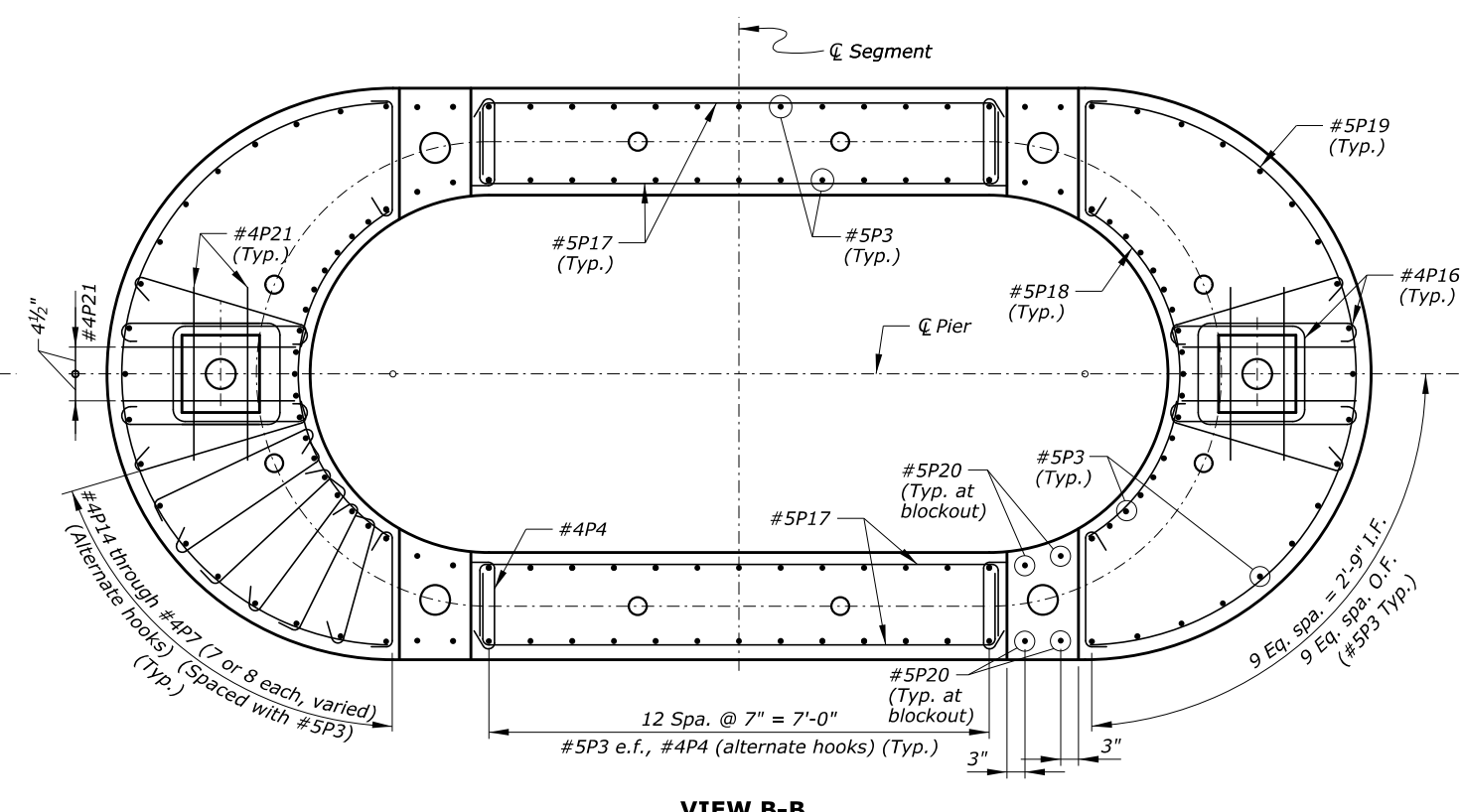
ACTUAL FILE: R46_BLR1_I26_PIER SEGMENT REINF_PC-8.DGN

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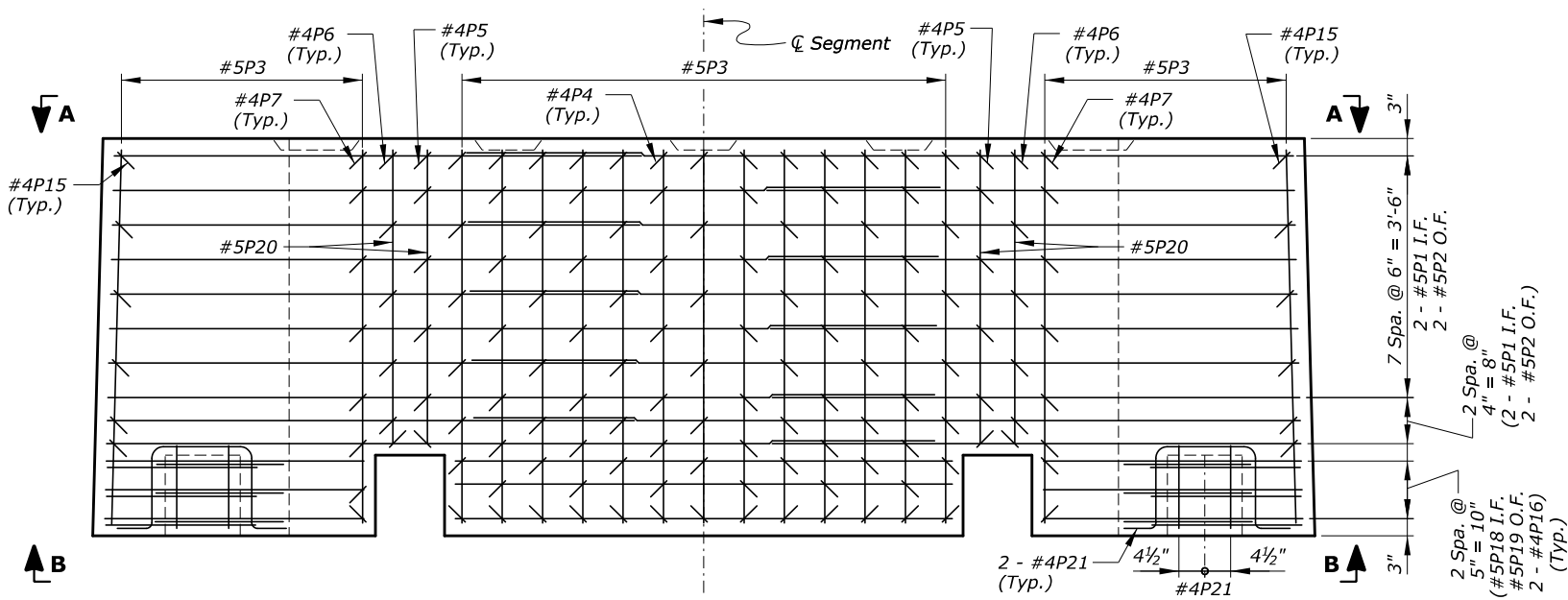
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VIEW A-A



VIEW B-B



ELEVATION

(#4P8 through #4P14 not shown for clarity)

Notes:

1. Minimum concrete cover is 1 1/2" inside face and 2" outside face.
2. Alternate splices for #5P1 and #5P2 bars so that one splice is not adjacent to the other.
3. Space all reinforcement to clear P.T. bars, P.T. tendons, and blockouts.
4. Locate #4P4 through #4P14 bars at every bar grid intersection along the top and bottom layers of reinforcement and at alternate bar grid intersections between top and bottom layers.

Key:
e.f. = each face
I.F. = inside face
O.F. = outside face

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EASTERN FEDERAL LANDS HIGHWAY DIVISION

BLUE RIDGE PARKWAY

BRIDGE OVER I-26

PIER SEGMENT PC-8 REINFORCEMENT

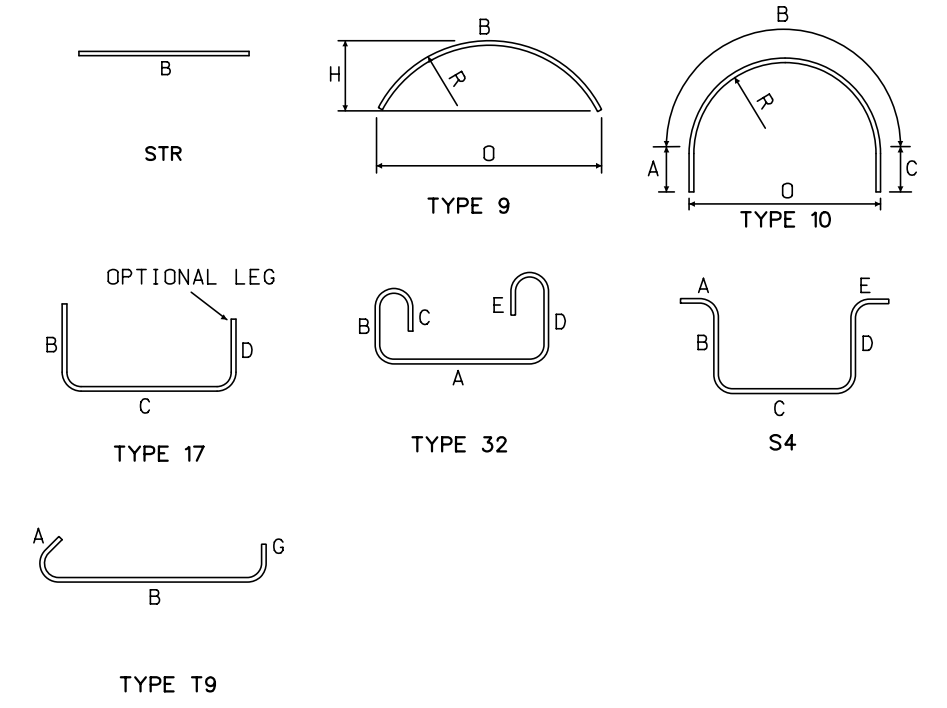
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								HC	BK	CWN	3/4" = 1'-0"	George Choubah	46 of 228	December 2018	BRP-1265

ACTUAL FILE:R47_BLR1_I26_PIER SEGMENT PC-8 BAR LIST.dgn

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REINFORCING STEEL SCHEDULE				DIMENSION TABLE																	
PIER SEGMENT PC-8 BAR LIST																					
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N	
*5P1	5	10		Horiz.	20	17'-8"	369	6'-9"	8'-5"	2'-6"								5'-4/4"	2'-8/4"		
*5P2	5	10		Horiz.	20	24'-1"	502	8'-2/4"	12'-0/2"	3'-10/4"								7'-8"	3'-10"		
*5P3	5	STR		Vert. e.f.	128	5'-3"	701		5'-3"												
*4P4	4	T9	0'-15/16"	Stirrups	196	1'-11/2"	256	0'-4/2"	1'-2/2"					0'-4/2"							
*4P5	4	T9	0'-15/16"	Stirrups	24	2'-0"	32	0'-4/2"	1'-3"					0'-4/2"							
*4P6	4	T9	0'-15/16"	Stirrups	24	2'-2"	35	0'-4/2"	1'-5"					0'-4/2"							
*4P7	4	T9	0'-15/16"	Stirrups	4	2'-5"	50	0'-4/2"	1'-73/4"					0'-4/2"							
					sets to of 8	2'-5" to 2'-5" at 0'-0" Incr.			to 1'-8" at 0'-0" Incr.												
*4P8	4	T9	0'-15/16"	Stirrups	4	2'-6/2"	46	0'-4/2"	1'-9/4"					0'-4/2"							
					sets to of 7	2'-6/2" to 2'-6/2" at 0'-0" Incr.			to 1'-9/2" at 0'-0" Incr.												
*4P9	4	T9	0'-15/16"	Stirrups	4	2'-8"	55	0'-4/2"	1'-103/4"					0'-4/2"							
					sets to of 8	2'-8" to 2'-8/2" at 0'-0" Incr.			to 1'-11/4" at 0'-0" Incr.												
*4P10	4	T9	0'-15/16"	Stirrups	4	2'-9/2"	51	0'-4/2"	2'-0/4"					0'-4/2"							
					sets to of 7	2'-9/2" to 2'-10" at 0'-0" Incr.			to 2'-1" at 0'-0" Incr.												
*4P11	4	T9	0'-15/16"	Stirrups	4	2'-10/2"	60	0'-4/2"	2'-1/2"					0'-4/2"							
					sets to of 8	2'-10/2" to 2'-11/2" at 0'-0" Incr.			to 2'-2/2" at 0'-0" Incr.												
*4P12	4	T9	0'-15/16"	Stirrups	4	3'-0"	55	0'-4/2"	2'-23/4"					0'-4/2"							
					sets to of 7	3'-0" to 3'-1" at 0'-0" Incr.			to 2'-33/4" at 0'-0" Incr.												
*4P13	4	T9	0'-15/16"	Stirrups	4	3'-1"	65	0'-4/2"	2'-33/4"					0'-4/2"							
					sets to of 8	3'-1" to 3'-2" at 0'-0" Incr.			to 2'-5" at 0'-0" Incr.												
*4P14	4	T9	0'-15/16"	Stirrups	4	3'-1/2"	58	0'-4/2"	2'-4/2"					0'-4/2"							
					sets to of 7	3'-1/2" to 3'-3" at 0'-0" Incr.			to 2'-53/4" at 0'-0" Incr.												
*4P15	4	T9	0'-15/16"	Stirrups	4	3'-2"	50	0'-4/2"	2'-43/4"					0'-4/2"							
					sets to of 6	3'-2" to 3'-3" at 0'-0" Incr.			to 2'-53/4" at 0'-0" Incr.												
*4P16	4	32	0'-3/8"	Horiz.	12	6'-6"	52	1'-5"	2'-0/2"	0'-4/2"	2'-0/2"	0'-4/2"									
*5P17	5	17	0'-3/4"	Horiz.	12	9'-6"	119		1'-2"	7'-2"	1'-2"										
*5P18	5	9		Horiz.	6	5'-4/2"	34		5'-33/4"				1'-3/4"				4'-6/4"	2'-8/4"			
*5P19	5	9		Horiz.	6	11'-10/2"	74		11'-93/4"				3'-9/2"				7'-8"	3'-10"			
*5P20	5	STR		Vert. e.f.	16	4'-2"	70		4'-2"												
*4P21	4	S4	0'-3/8"	Stirrups	8	4'-10/2"	26	0'-7"	1'-2"	1'-5"	1'-2"	0'-6/2"									
SUBTOTAL							2776 LBS														



Note: Quantities are for one precast pier segment.

U.S. DEPARTMENT OF TRANSPORTATION
 FEDERAL HIGHWAY ADMINISTRATION
 EASTERN FEDERAL LANDS HIGHWAY DIVISION
 BLUE RIDGE PARKWAY
 BRIDGE OVER I-26
 PIER SEGMENT PC-8 BAR LIST

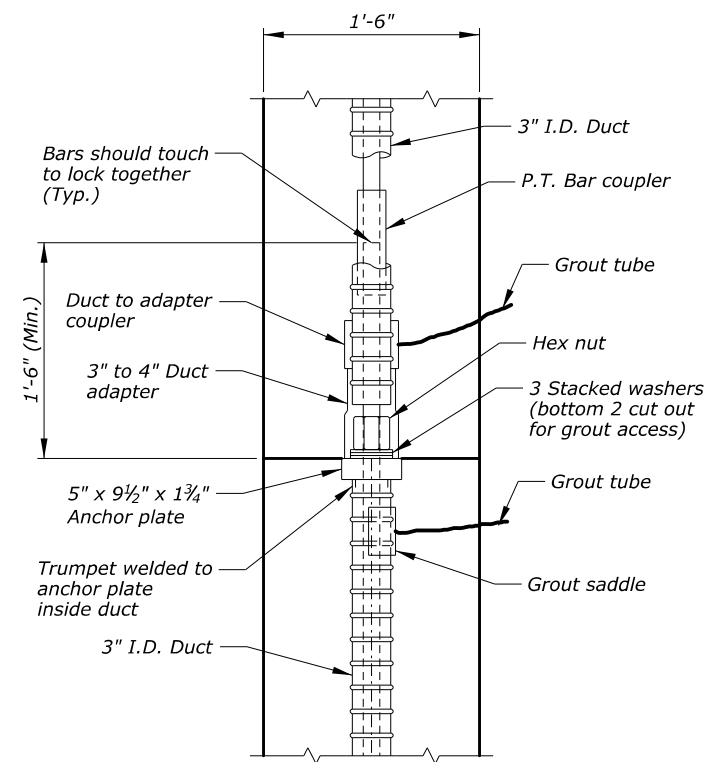
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								HC	LE	LE	No Scale	George Choubah	47 of 228	December 2018	BRP-1265

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R48

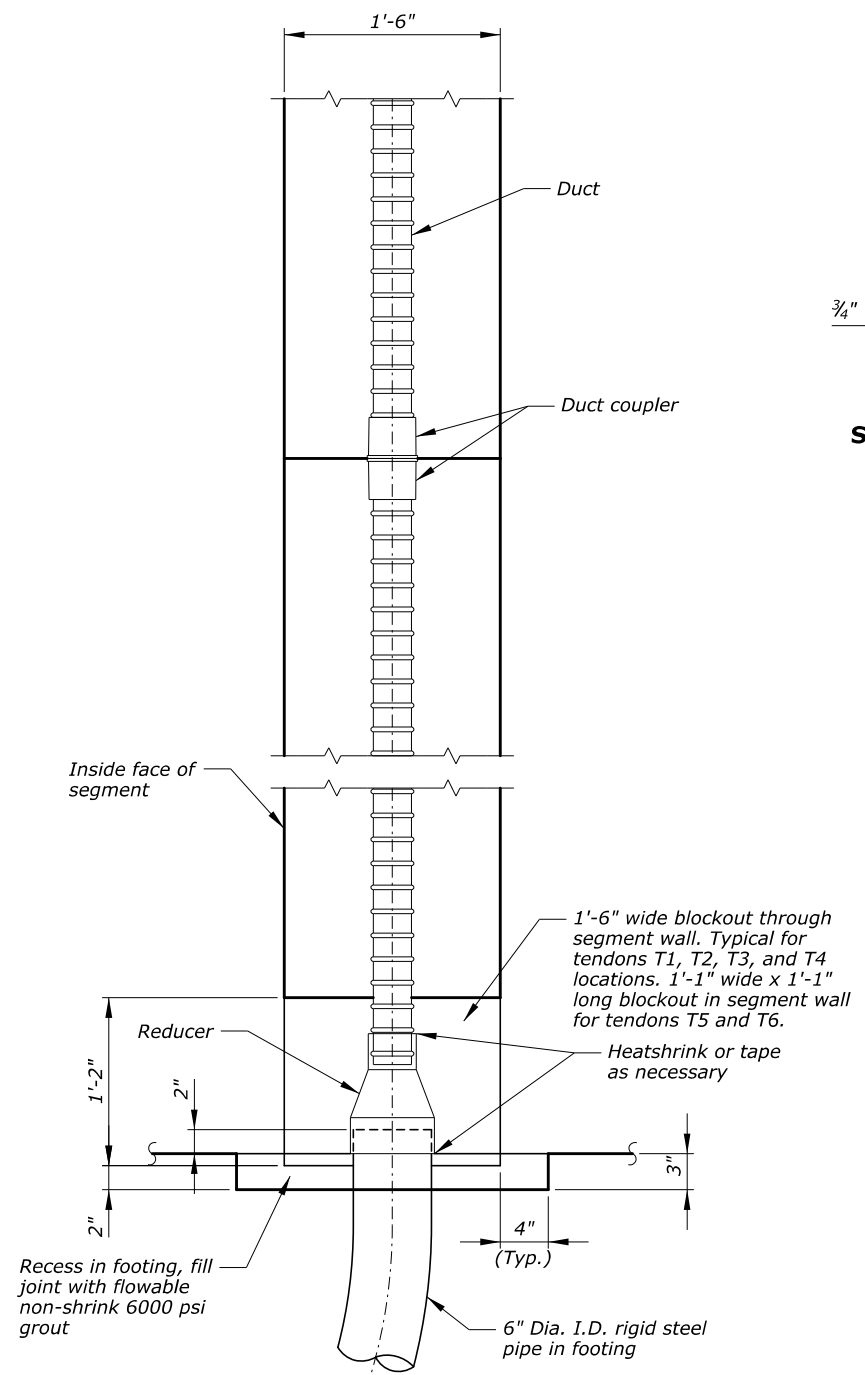
ACTUAL FILE: R48_BLR1_I26_PIER_MISC DET 1.DGN

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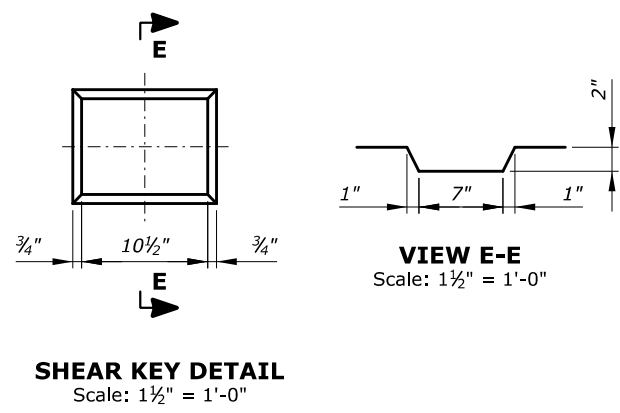
14-Dec-2018 12:18 PM



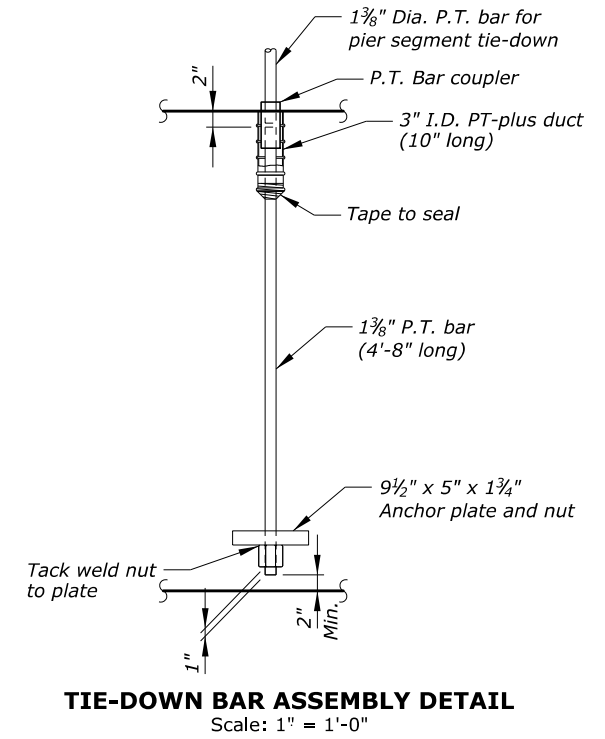
SECTION THROUGH WALL AT P.T. BAR
Scale: 1 1/2" = 1'-0"



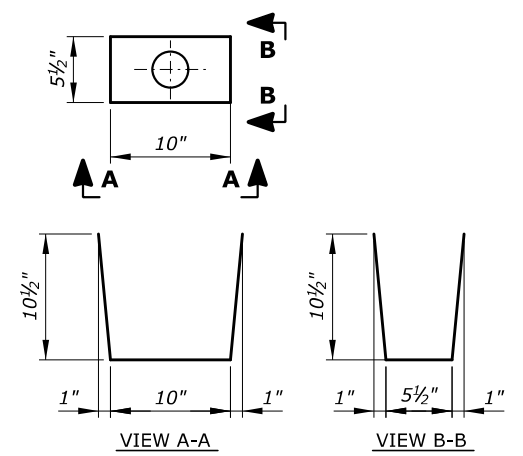
SECTION THROUGH WALL AT P.T. TENDON
Scale: 1 1/2" = 1'-0"



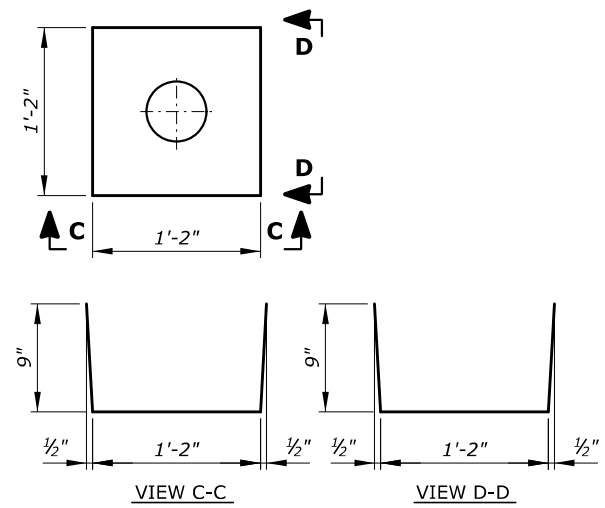
SHEAR KEY DETAIL
Scale: 1 1/2" = 1'-0"



TIE-DOWN BAR ASSEMBLY DETAIL
Scale: 1" = 1'-0"



BLOCKOUT FOR P.T. BAR ANCHOR PLATE
Scale: 1 1/2" = 1'-0"



BLOCKOUT FOR P.T. TENDON ANCHOR
Scale: 1 1/2" = 1'-0"

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EASTERN FEDERAL LANDS HIGHWAY DIVISION

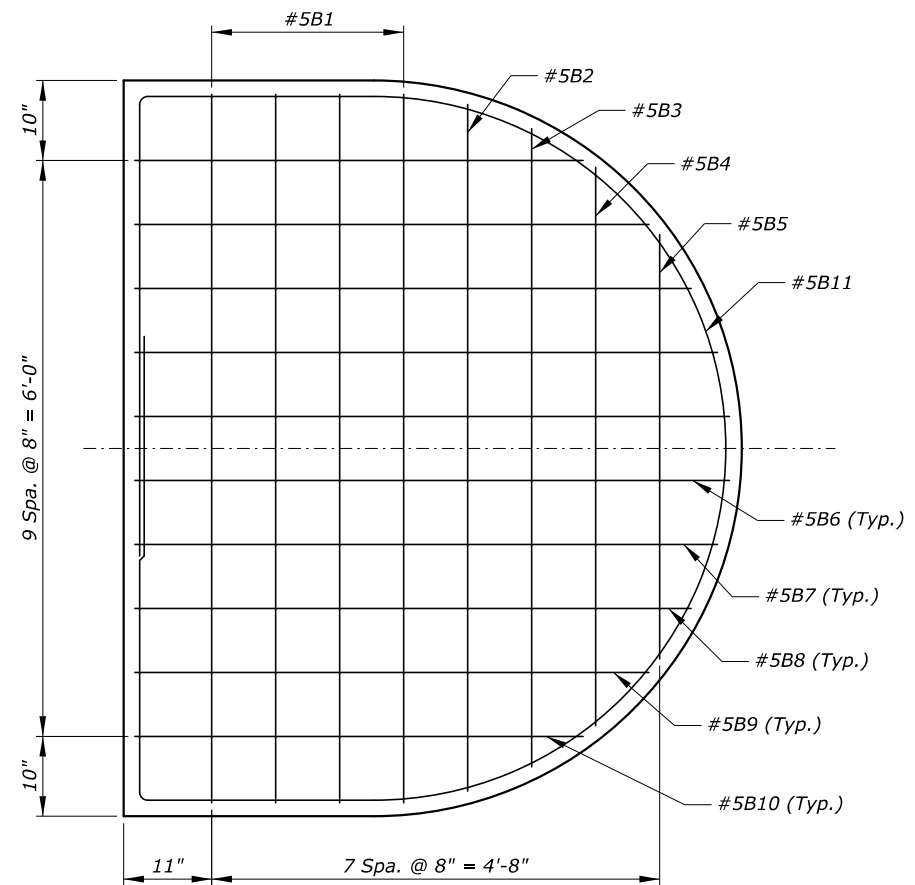
BLUE RIDGE PARKWAY

BRIDGE OVER I-26

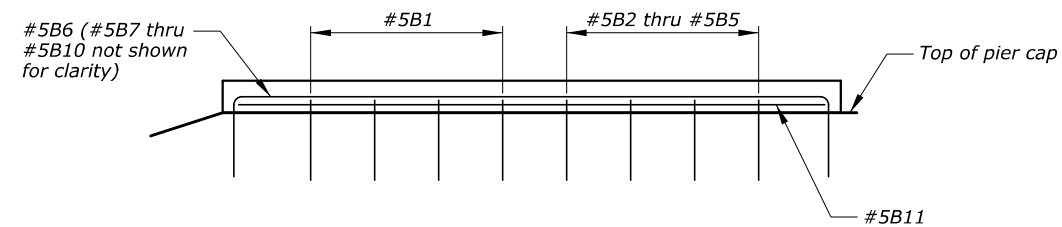
PIER MISCELLANEOUS DETAILS - 1

NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								HC	BK	CWN	As Shown	George Choubah	48 of 228	December 2018	BRP-1265

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R49



PLAN



ELEVATION

BEARING PEDESTAL DETAIL

U.S. DEPARTMENT OF TRANSPORTATION
 FEDERAL HIGHWAY ADMINISTRATION
 EASTERN FEDERAL LANDS HIGHWAY DIVISION

 BLUE RIDGE PARKWAY

 BRIDGE OVER I-26

PIER MISCELLANEOUS DETAILS - 2

NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								HC	BK	CWN	1" = 1'-0"	George Choubah	49 of 228	December 2018	BRP-1265

ACTUAL FILE: R49_BLR1_I26_PIER_MISC_DET 2.DGN

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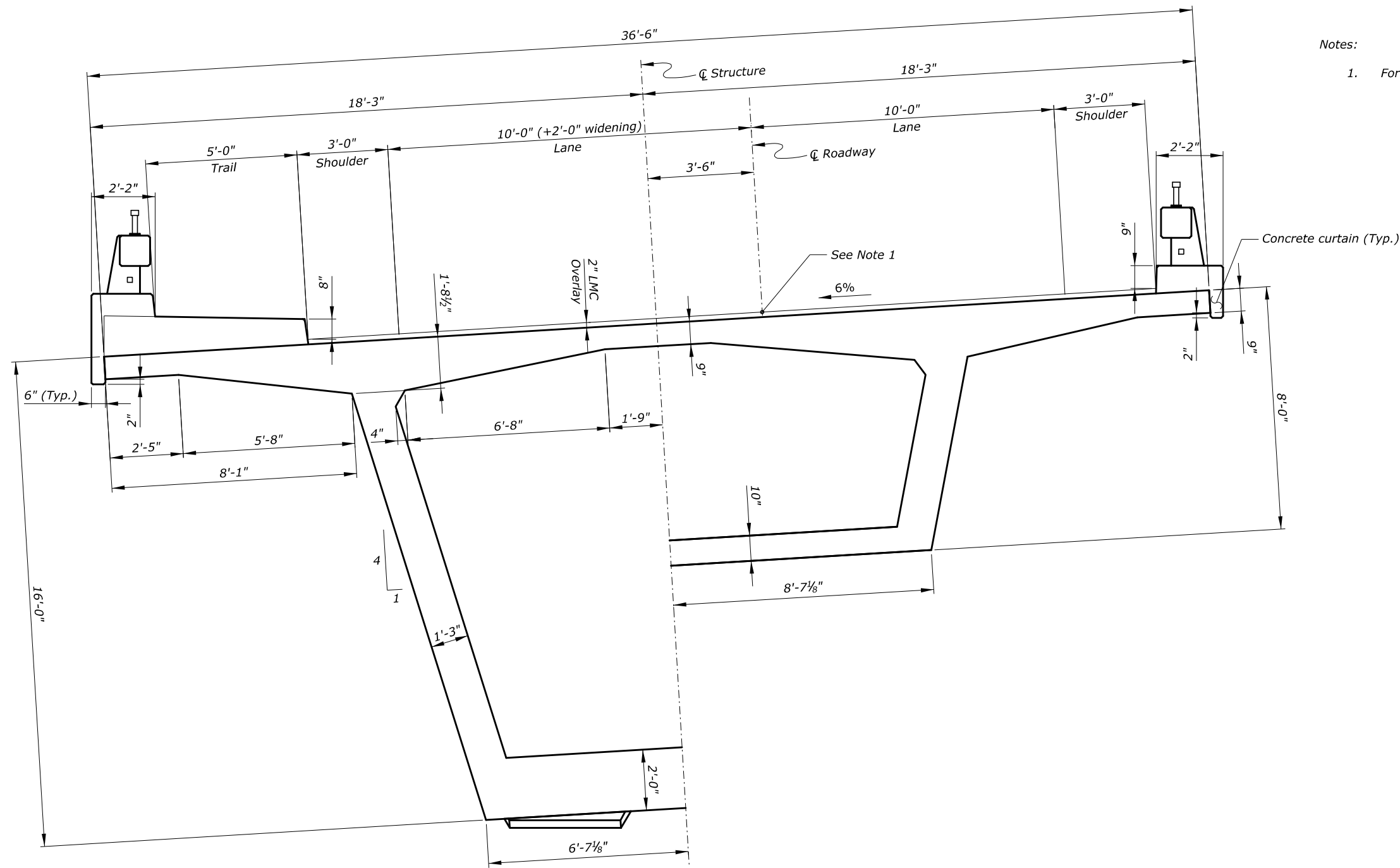
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STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R50

ACTUAL FILE: R50_BLRI_I26_TYPXS.DGN

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14-Dec-2018 12:18 PM



Notes:
1. For bridge rail details, see "BRIDGE RAILING - 1" sheet.

NEAR PIER

NEAR MIDSPAN AND ABUTMENTS

TYPICAL SECTION
(looking upstation)

Notes:
1. CL Roadway alignment is to top of 2" LMC overlay.

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
EASTERN FEDERAL LANDS HIGHWAY DIVISION

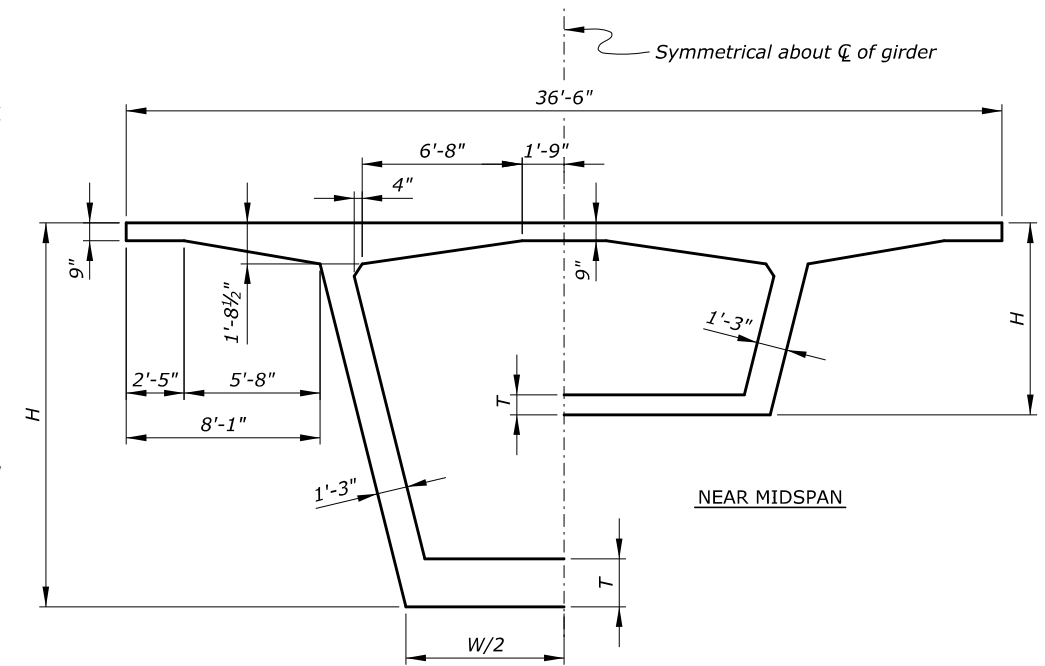
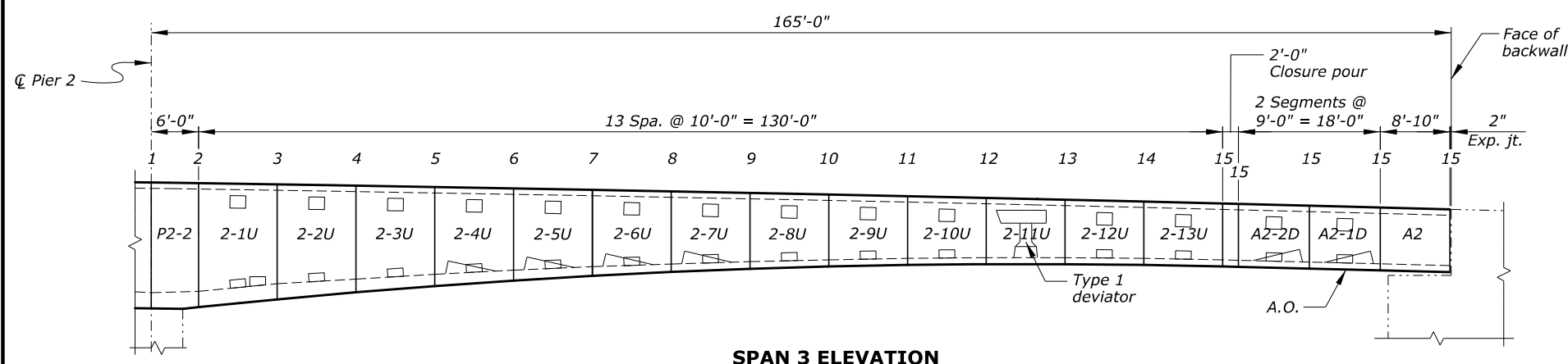
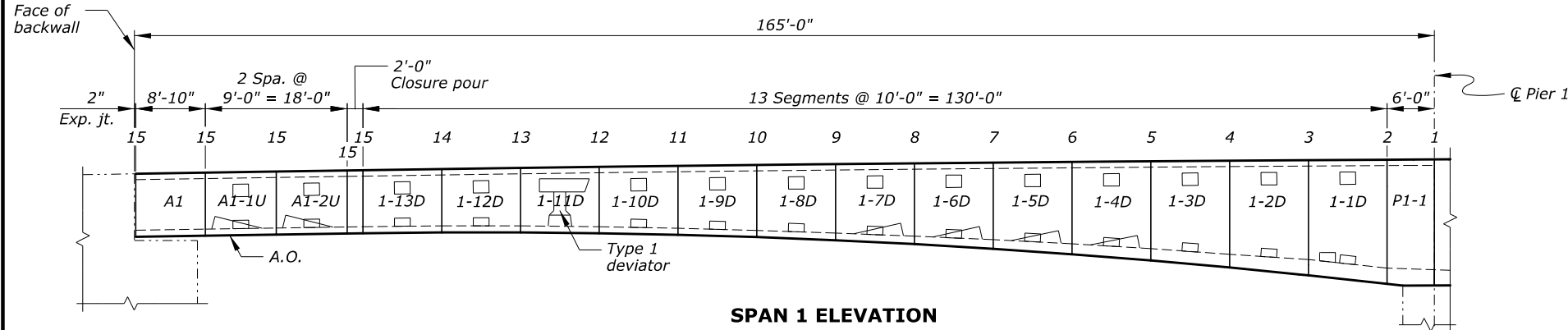
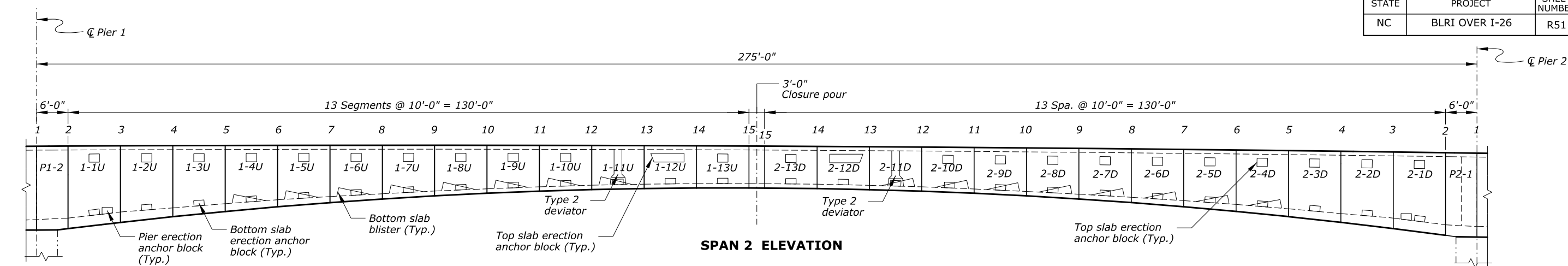
BLUE RIDGE PARKWAY

BRIDGE OVER I-26

TYPICAL SECTION

NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								AR	AR/BK	CC	1/2" = 1'-0"	George Choubah	50 of 228	December 2018	BRP-1265

ACTUAL FILE:R51_BLR1_I26_SEGMENT LAYOUT.DGN



- Notes:
- Span and segment lengths shown are horizontal projections along the centerline of girder.
 - A.O. denotes Access Opening in bottom slab.
 - The expansion joint dimensions are nominal dimensions at 60° F. (See "EXPANSION JOINT" sheet for setting adjustment for temperature.)
 - Primary closure joint dimensions are nominal and will be affected by structural displacements, camber, age of segments, construction sequence, etc.

LEGEND
P2 = Pier Segment 2
A2 = Abutment Segment 2
2-2U
Cantilever Number
U = Up-station
D = Down-station
Segment Number

SECTION NO.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
STRUCTURE DEPTH, H	16'-0"	15'-9 ⁹ / ₈ "	14'-7 ³ / ₈ "	13'-6 ³ / ₈ "	12'-7 ⁷ / ₈ "	11'-8 ³ / ₈ "	10'-11 ¹ / ₄ "	10'-3"	9'-7 ⁷ / ₈ "	9'-1 ³ / ₄ "	8'-8 ⁷ / ₈ "	8'-5"	8'-2 ¹ / ₄ "	8'-0 ¹ / ₂ "	8'-0"
HALF-BOTTOM SLAB WIDTH, W/2	6'-7 ⁷ / ₈ "	6'-7 ⁷ / ₈ "	6'-11 ⁵ / ₁₆ "	7'-2 ¹ / ₂ "	7'-5 ⁵ / ₈ "	7'-8"	7'-10 ⁵ / ₁₆ "	8'-0 ³ / ₈ "	8'-2 ³ / ₁₆ "	8'-3 ¹ / ₁₆ "	8'-4 ¹ / ₁₆ "	8'-5 ⁷ / ₈ "	8'-6 ⁹ / ₁₆ "	8'-7"	8'-7 ⁷ / ₈ "
BOTTOM SLAB THICKNESS, T	2'-0"	2'-0"	2'-0"	1'-8"	1'-6"	1'-4"	1'-2"	1'-0"	11"	10"	10"	10"	10"	10"	10"

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
EASTERN FEDERAL LANDS HIGHWAY DIVISION

BLUE RIDGE PARKWAY

BRIDGE OVER I-26

SEGMENT LAYOUT

14-Dec-2018 12:18 PM

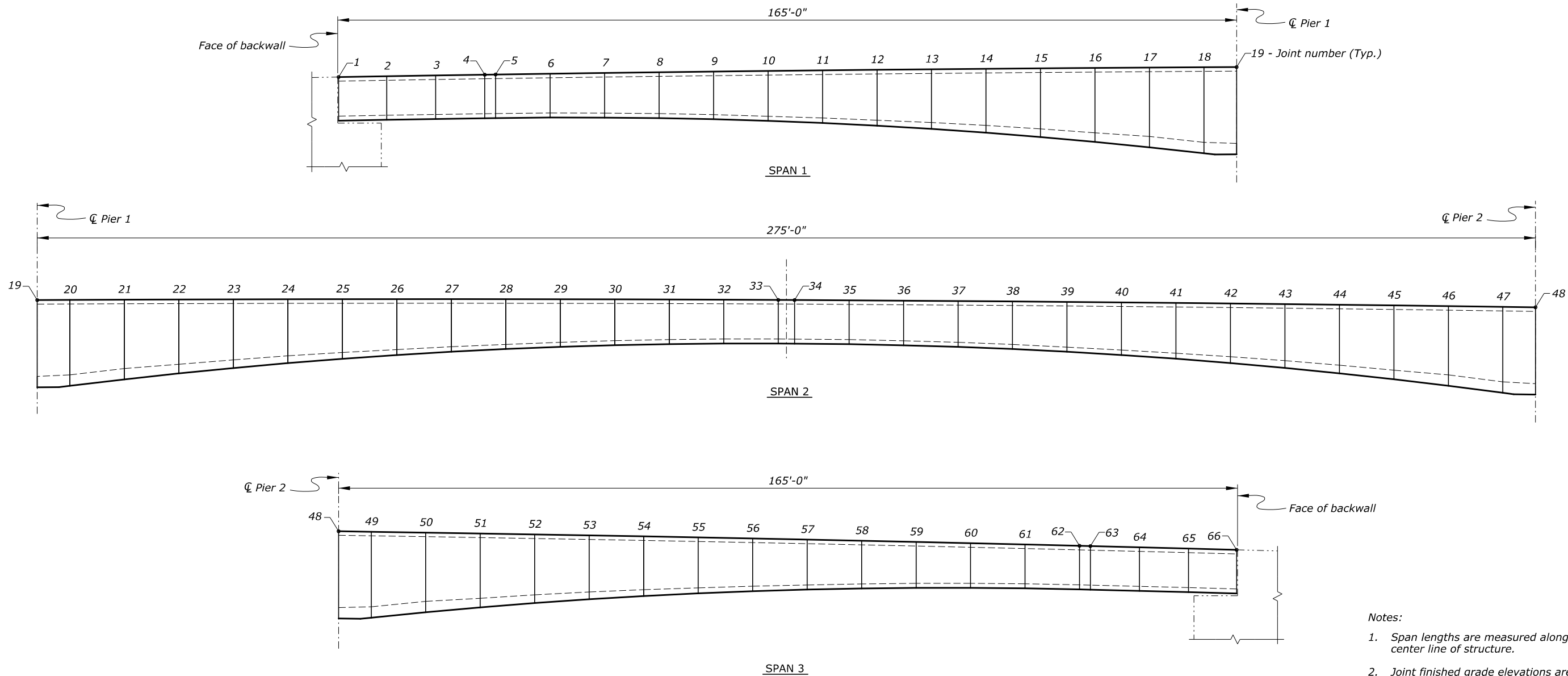
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								AR	AR/BK	CC	1" = 10'-0"	George Choubah	51 of 228	December 2018	BRP-1265

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R52

ACTUAL FILE:RS2_BLR1_I26_TOP OF DECK ELEV - 1.DGN

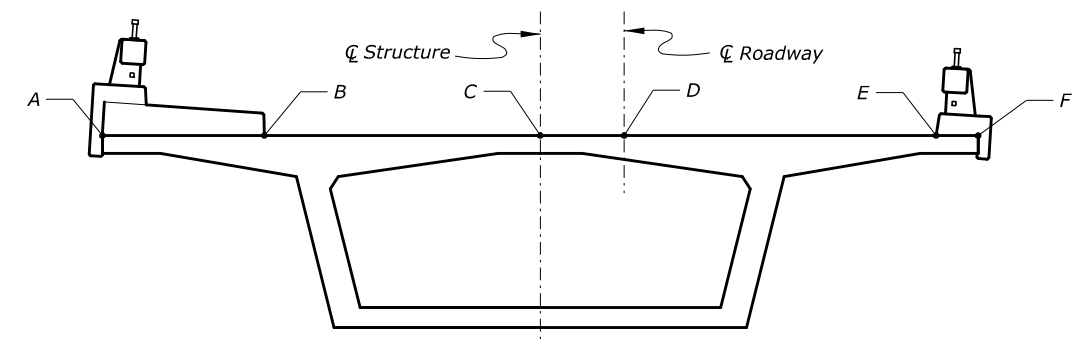
M:\PROJECTS\STATE_DOT\NC\brl_126_nepa\Bridges\Microstation\Bridges Design Files\NO_PROJECTS.dgn

14-Dec-2018 12:18 PM



JOINT NUMBERING - ELEVATION
Scale: 1" = 10'-0"

- Notes:
- Span lengths are measured along the center line of structure.
 - Joint finished grade elevations are measured radially.
 - For joint elevations, see "TOP OF DECK ELEVATIONS - 2" sheet.



FINISHED GRADE ELEVATIONS - LOCATIONS
No Scale

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FEDERAL HIGHWAY ADMINISTRATION
EASTERN FEDERAL LANDS HIGHWAY DIVISION

BLUE RIDGE PARKWAY

BRIDGE OVER I-26

TOP OF DECK ELEVATIONS - 1

NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CWN	CWN	HC	As Shown	George Choubah	52 of 228	December 2018	BRP-1265

ACTUAL FILE:RS3_BLR1_I26_TOP OF DECK ELEV - 2.DGN

M:\PROJECTS\STATE_DOT\WC\brl_I26_nepa\Bridg\Microstation\Bridg\Design\Files\NO_OP\PROJECT.s.dgn

14-Dec-2018 12:18 PM

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R53

SPAN 1							
JOINT NO.	STA.	LOCATION					
		A	B	C	D	E	F
1	511+83.27	2267.22	2267.62	2268.31	2268.52	2269.30	2269.40
2	511+92.12	2267.36	2267.77	2268.46	2268.67	2269.45	2269.55
3	512+01.14	2267.51	2267.91	2268.60	2268.81	2269.59	2269.69
4	512+10.16	2267.65	2268.05	2268.74	2268.95	2269.73	2269.83
5	512+12.17	2267.68	2268.08	2268.77	2268.98	2269.76	2269.86
6	512+22.19	2267.82	2268.23	2268.92	2269.13	2269.90	2270.01
7	512+32.21	2267.96	2268.37	2269.06	2269.26	2270.04	2270.15
8	512+42.24	2268.09	2268.50	2269.19	2269.40	2270.17	2270.28
9	512+52.26	2268.22	2268.62	2269.31	2269.52	2270.30	2270.40
10	512+62.28	2268.33	2268.74	2269.43	2269.64	2270.42	2270.52
11	512+72.31	2268.44	2268.85	2269.54	2269.75	2270.53	2270.63
12	512+82.33	2268.55	2268.95	2269.64	2269.85	2270.63	2270.73
13	512+92.35	2268.64	2269.05	2269.73	2269.94	2270.72	2270.83
14	513+02.38	2268.73	2269.13	2269.82	2270.03	2270.81	2270.92
15	513+12.40	2268.81	2269.21	2269.90	2270.11	2270.89	2271.00
16	513+22.42	2268.88	2269.29	2269.98	2270.19	2270.96	2271.07
17	513+32.45	2268.95	2269.35	2270.04	2270.25	2271.03	2271.14
18	513+42.47	2269.01	2269.41	2270.10	2270.31	2271.09	2271.19
19	513+48.48	2269.04	2269.44	2270.13	2270.34	2271.12	2271.23

SPAN 2							
JOINT NO.	STA.	LOCATION					
		A	B	C	D	E	F
19	513+48.48	2269.04	2269.44	2270.13	2270.34	2271.12	2271.23
20	513+54.50	2269.07	2269.47	2270.16	2270.37	2271.15	2271.26
21	513+64.52	2269.11	2269.52	2270.21	2270.42	2271.19	2271.30
22	513+74.55	2269.15	2269.55	2270.24	2270.45	2271.23	2271.33
23	513+84.57	2269.18	2269.58	2270.27	2270.48	2271.26	2271.36
24	513+94.59	2269.20	2269.60	2270.29	2270.50	2271.28	2271.38
25	514+04.62	2269.21	2269.62	2270.30	2270.51	2271.29	2271.40
26	514+14.64	2269.22	2269.62	2270.31	2270.52	2271.30	2271.40
27	514+24.66	2269.22	2269.62	2270.31	2270.52	2271.30	2271.40
28	514+34.68	2269.21	2269.61	2270.30	2270.51	2271.29	2271.40
29	514+44.71	2269.19	2269.60	2270.29	2270.50	2271.28	2271.38
30	514+54.73	2269.17	2269.58	2270.27	2270.48	2271.25	2271.36
31	514+64.75	2269.14	2269.55	2270.24	2270.45	2271.22	2271.33
32	514+74.78	2269.11	2269.51	2270.20	2270.41	2271.19	2271.29
33	514+84.80	2269.06	2269.47	2270.16	2270.36	2271.14	2271.25
34	514+87.81	2269.05	2269.45	2270.14	2270.35	2271.13	2271.23
35	514+97.83	2268.99	2269.40	2270.09	2270.30	2271.08	2271.18
36	515+07.86	2268.93	2269.34	2270.03	2270.24	2271.01	2271.12
37	515+17.88	2268.87	2269.27	2269.96	2270.17	2270.95	2271.05
38	515+27.90	2268.79	2269.19	2269.88	2270.09	2270.87	2270.98
39	515+37.93	2268.71	2269.11	2269.80	2270.01	2270.79	2270.89
40	515+47.95	2268.62	2269.02	2269.71	2269.92	2270.70	2270.80
41	515+57.97	2268.52	2268.93	2269.61	2269.82	2270.60	2270.71
42	515+67.99	2268.42	2268.82	2269.51	2269.72	2270.50	2270.60
43	515+78.02	2268.31	2268.71	2269.40	2269.61	2270.39	2270.49
44	515+88.04	2268.19	2268.59	2269.28	2269.49	2270.27	2270.37
45	515+98.06	2268.06	2268.46	2269.15	2269.36	2270.14	2270.25
46	516+08.09	2267.93	2268.33	2269.02	2269.23	2270.01	2270.11
47	516+18.11	2267.79	2268.19	2268.88	2269.09	2269.87	2269.97
48	516+24.13	2267.70	2268.10	2268.79	2269.00	2269.78	2269.88

SPAN 3							
JOINT NO.	STA.	LOCATION					
		A	B	C	D	E	F
48	516+24.13	2267.70	2268.10	2268.79	2269.00	2269.78	2269.88
49	516+30.14	2267.61	2268.01	2268.70	2268.91	2269.69	2269.79
50	516+40.16	2267.45	2267.86	2268.55	2268.75	2269.53	2269.64
51	516+50.19	2267.29	2267.69	2268.38	2268.59	2269.37	2269.47
52	516+60.21	2267.12	2267.52	2268.21	2268.42	2269.20	2269.30
53	516+70.23	2266.94	2267.34	2268.03	2268.24	2269.02	2269.13
54	516+80.26	2266.75	2267.16	2267.85	2268.06	2268.84	2268.94
55	516+90.28	2266.56	2266.97	2267.65	2267.86	2268.64	2268.75
56	517+00.30	2266.36	2266.77	2267.45	2267.66	2268.44	2268.55
57	517+10.33	2266.15	2266.56	2267.25	2267.46	2268.24	2268.34
58	517+20.35	2265.94	2266.34	2267.03	2267.24	2268.02	2268.13
59	517+30.37	2265.72	2266.12	2266.81	2267.02	2267.80	2267.90
60	517+40.40	2265.49	2265.89	2266.58	2266.79	2267.57	2267.68
61	517+50.42	2265.25	2265.66	2266.35	2266.56	2267.33	2267.44
62	517+60.44	2265.01	2265.41	2266.10	2266.31	2267.09	2267.20
63	517+62.45	2264.96	2265.36	2266.05	2266.26	2267.04	2267.15
64	517+71.47	2264.73	2265.14	2265.83	2266.04	2266.81	2266.92
65	517+80.49	2264.50	2264.91	2265.59	2265.80	2266.58	2266.69
66	517+89.34	2264.27	2264.67	2265.36	2265.57	2266.35	2266.45

U.S. DEPARTMENT OF TRANSPORTATION
 FEDERAL HIGHWAY ADMINISTRATION
 EASTERN FEDERAL LANDS HIGHWAY DIVISION

 BLUE RIDGE PARKWAY

 BRIDGE OVER I-26

 TOP OF DECK ELEVATIONS - 2

NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CWN	CC	HC	No Scale	George Choubah	53 of 228	December 2018	BRP-1265

ACTUAL FILE: R54_BLR1_I26_JOINT_COORDINATES.dgn

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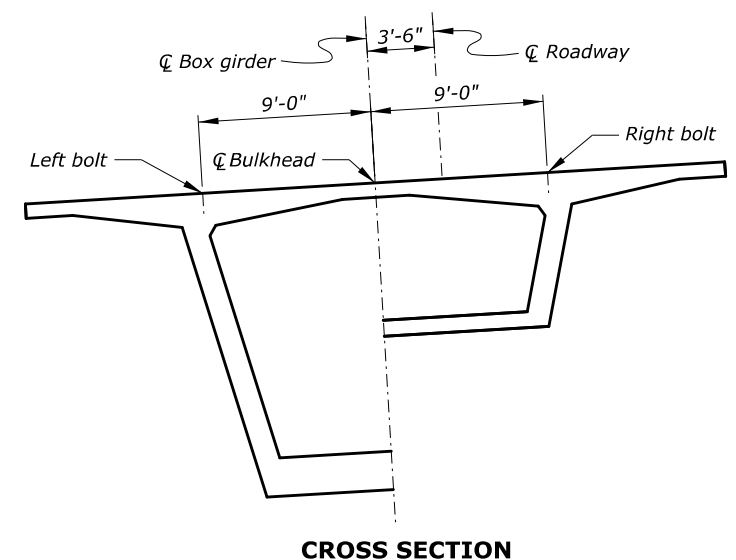
STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R54

SPAN 1				
Joint Number	Coordinate Direction	Left Bolt	□ Bulkhead	Right Bolt
Joint 1	X	938865.852	938865.087	938864.322
	Y	654509.730	654500.779	654491.828
	Z	2267.769	2268.309	2268.849
Joint 2	X	938874.602	938873.890	938873.178
	Y	654509.009	654500.053	654491.097
	Z	2267.917	2268.457	2268.997
Joint 3	X	938883.522	938882.864	938882.206
	Y	654508.326	654499.367	654490.407
	Z	2268.062	2268.602	2269.142
Joint 4	X	938892.446	938891.842	938891.238
	Y	654507.698	654498.734	654489.771
	Z	2268.201	2268.741	2269.281
Joint 5	X	938894.430	938893.838	938893.245
	Y	654507.566	654498.601	654489.637
	Z	2268.231	2268.771	2269.311
Joint 6	X	938904.350	938903.818	938903.286
	Y	654506.944	654497.976	654489.007
	Z	2268.376	2268.916	2269.456
Joint 7	X	938914.275	938913.802	938913.330
	Y	654506.388	654497.416	654488.445
	Z	2268.515	2269.055	2269.595
Joint 8	X	938924.203	938923.790	938923.378
	Y	654505.898	654496.924	654487.950
	Z	2268.646	2269.186	2269.726
Joint 9	X	938934.134	938933.781	938933.429
	Y	654505.475	654496.498	654487.522
	Z	2268.771	2269.311	2269.851
Joint 10	X	938944.067	938943.775	938943.482
	Y	654505.119	654496.140	654487.161
	Z	2268.887	2269.427	2269.967
Joint 11	X	938954.003	938953.771	938953.538
	Y	654504.828	654495.848	654486.867
	Z	2268.997	2269.537	2270.077
Joint 12	X	938963.940	938963.768	938963.596
	Y	654504.604	654495.622	654486.640
	Z	2269.099	2269.639	2270.179
Joint 13	X	938973.879	938973.767	938973.654
	Y	654504.447	654495.464	654486.481
	Z	2269.195	2269.735	2270.275
Joint 14	X	938983.819	938983.766	938983.714
	Y	654504.356	654495.372	654486.389
	Z	2269.282	2269.822	2270.362
Joint 15	X	938993.759	938993.766	938993.774
	Y	654504.331	654495.347	654486.364
	Z	2269.363	2269.903	2270.443
Joint 16	X	939003.699	939003.766	939003.834
	Y	654504.373	654495.389	654486.406
	Z	2269.436	2269.976	2270.516
Joint 17	X	939013.638	939013.766	939013.894
	Y	654504.481	654495.498	654486.515
	Z	2269.503	2270.043	2270.583
Joint 18	X	939023.576	939023.764	939023.952
	Y	654504.656	654495.674	654486.692
	Z	2269.561	2270.101	2270.641

SPAN 2				
Joint Number	Coordinate Direction	Left Bolt	□ Bulkhead	Right Bolt
Joint 19	X	939029.539	939029.763	939029.986
	Y	654504.792	654495.811	654486.830
	Z	2269.593	2270.133	2270.673
Joint 20	X	939035.501	939035.760	939036.020
	Y	654504.953	654495.973	654486.993
	Z	2269.622	2270.162	2270.702
Joint 21	X	939045.435	939045.755	939046.075
	Y	654505.274	654496.295	654487.317
	Z	2269.665	2270.205	2270.745
Joint 22	X	939055.368	939055.748	939056.128
	Y	654505.661	654496.685	654487.709
	Z	2269.701	2270.241	2270.781
Joint 23	X	939065.298	939065.737	939066.177
	Y	654506.114	654497.141	654488.168
	Z	2269.730	2270.270	2270.810
Joint 24	X	939075.224	939075.724	939076.223
	Y	654506.634	654497.664	654488.694
	Z	2269.751	2270.291	2270.831
Joint 25	X	939085.147	939085.706	939086.266
	Y	654507.220	654498.254	654489.287
	Z	2269.765	2270.305	2270.845
Joint 26	X	939095.065	939095.685	939096.304
	Y	654507.872	654498.910	654489.947
	Z	2269.771	2270.311	2270.851
Joint 27	X	939104.979	939105.659	939106.338
	Y	654508.591	654499.633	654490.675
	Z	2269.771	2270.311	2270.851
Joint 28	X	939114.888	939115.627	939116.367
	Y	654509.376	654500.422	654491.469
	Z	2269.763	2270.303	2270.843
Joint 29	X	939124.792	939125.591	939126.390
	Y	654510.227	654501.279	654492.330
	Z	2269.748	2270.288	2270.828
Joint 30	X	939134.689	939135.548	939136.407
	Y	654511.144	654502.201	654493.259
	Z	2269.726	2270.266	2270.806
Joint 31	X	939144.580	939145.499	939146.418
	Y	654512.127	654503.191	654494.254
	Z	2269.696	2270.236	2270.776
Joint 32	X	939154.465	939155.443	939156.422
	Y	654513.177	654504.246	654495.316
	Z	2269.659	2270.199	2270.739
Joint 33	X	939164.342	939165.380	939166.418
	Y	654514.292	654505.369	654496.445
	Z	2269.615	2270.155	2270.695

SPAN 2				
Joint Number	Coordinate Direction	Left Bolt	□ Bulkhead	Right Bolt
Joint 34	X	939167.304	939168.360	939169.415
	Y	654514.640	654505.718	654496.797
	Z	2269.600	2270.140	2270.680
Joint 35	X	939177.171	939178.286	939179.402
	Y	654515.841	654506.927	654498.012
	Z	2269.547	2270.087	2270.627
Joint 36	X	939187.030	939188.205	939189.380
	Y	654517.108	654508.201	654499.295
	Z	2269.486	2270.026	2270.566
Joint 37	X	939196.880	939198.115	939199.349
	Y	654518.441	654509.542	654500.644
	Z	2269.418	2269.958	2270.498
Joint 38	X	939206.721	939208.015	939209.309
	Y	654519.840	654510.950	654502.059
	Z	2269.343	2269.883	2270.423
Joint 39	X	939216.553	939217.906	939219.259
	Y	654521.304	654512.423	654503.542
	Z	2269.260	2269.800	2270.340
Joint 40	X	939226.374	939227.787	939229.199
	Y	654522.834	654513.962	654505.090
	Z	2269.171	2269.711	2270.251
Joint 41	X	939236.185	939237.657	939239.129
	Y	654524.430	654515.568	654506.705
	Z	2269.074	2269.614	2270.154
Joint 42	X	939245.985	939247.516	939249.048
	Y	654526.091	654517.239	654508.387
	Z	2268.969	2269.509	2270.049
Joint 43	X	939255.774	939257.364	939258.955
	Y	654527.818	654518.976	654510.134
	Z	2268.858	2269.398	2269.938
Joint 44	X	939265.551	939267.201	939268.850
	Y	654529.610	654520.779	654511.948
	Z	2268.739	2269.279	2269.819
Joint 45	X	939275.316	939277.024	939278.733
	Y	654531.468	654522.648	654513.828
	Z	2268.613	2269.153	2269.693
Joint 46	X	939285.069	939286.836	939288.603
	Y	654533.390	654524.582	654515.774
	Z	2268.480	2269.020	2269.560
Joint 47	X	939294.808	939296.634	939298.460
	Y	654535.378	654526.582	654517.785
	Z	2268.340	2268.880	2269.420
Joint 48	X	939300.645	939302.506	939304.367
	Y	654536.602	654527.813	654519.024
	Z	2268.252	2268.792	2269.332

SPAN 3				
Joint Number	Coordinate Direction	Left Bolt	□ Bulkhead	Right Bolt
Joint 49	X	939306.477	939308.373	939310.270
	Y	654537.849	654529.068	654520.286
	Z	2268.161	2268.701	2269.241
Joint 50	X	939316.186	939318.141	939320.096
	Y	654539.980	654531.211	654522.443
	Z	2268.005	2268.545	2269.085
Joint 51	X	939325.880	939327.894	939329.908
	Y	654542.175	654533.420	654524.665
	Z	2267.841	2268.381	2268.921
Joint 52	X	939335.560	939337.632	939339.704
	Y	654544.435	654535.694	654526.952
	Z	2267.670	2268.210	2268.750
Joint 53	X	939345.224	939347.355	939349.485
	Y	654546.760	654538.033	654529.305
	Z	2267.492	2268.032	2268.572
Joint 54	X	939354.873	939357.062	939359.250
	Y	654549.150	654540.437	654531.723
	Z	2267.307	2267.847	2268.387
Joint 55	X	939364.505	939366.752	939368.999
	Y	654551.603	654542.905	654534.207
	Z	2267.114	2267.654	2268.194
Joint 56	X	939374.121	939376.426	939378.731
	Y	654554.122	654545.438	654536.755
	Z	2266.914	2267.454	2267.994
Joint 57	X	939383.720	939386.083	939388.445
	Y	654556.704	654548.036	654539.369
	Z	2266.707	2267.247	2267.787
Joint 58	X	939393.301	939395.722	939398.142
	Y	654559.350	654550.699	654542.047
	Z	2266.493	2267.033	2267.573
Joint 59	X	939402.864	939405.343	939407.821
	Y	654562.061	654553.425	654544.790
	Z	2266.271	2266.811	2267.351
Joint 60	X	939412.409	939414.945	939417.482
	Y	654564.835	654556.216	654547.598
	Z	2266.042	2266.582	2267.122
Joint 61	X	939421.936	939424.529	939427.123
	Y	654567.673	654559.072	654550.470
	Z	2265.806	2266.346	2266.886
Joint 62	X	939431.443	939434.094	939436.745
	Y	654570.574	654561.991	654553.407
	Z	2265.562	2266.102	2266.642
Joint 63	X	939433.342	939436.004	939438.667
	Y	654571.162	654562.582	654554.002
	Z	2265.513	2266.053	2266.593
Joint 64	X	939441.878	939444.592	939447.306
	Y	654573.839	654565.275	654556.711
	Z	2265.286	2265.826	2266.366
Joint 65	X	939450.398	939453.163	939455.929
	Y	654576.568	654568.020	654559.472
	Z	2265.054	2265.594	2266.134
Joint 66	X	939458.743	939461.559	939464.375
	Y	654579.295	654570.764	654562.233
	Z	2264.820	2265.360	2265.900



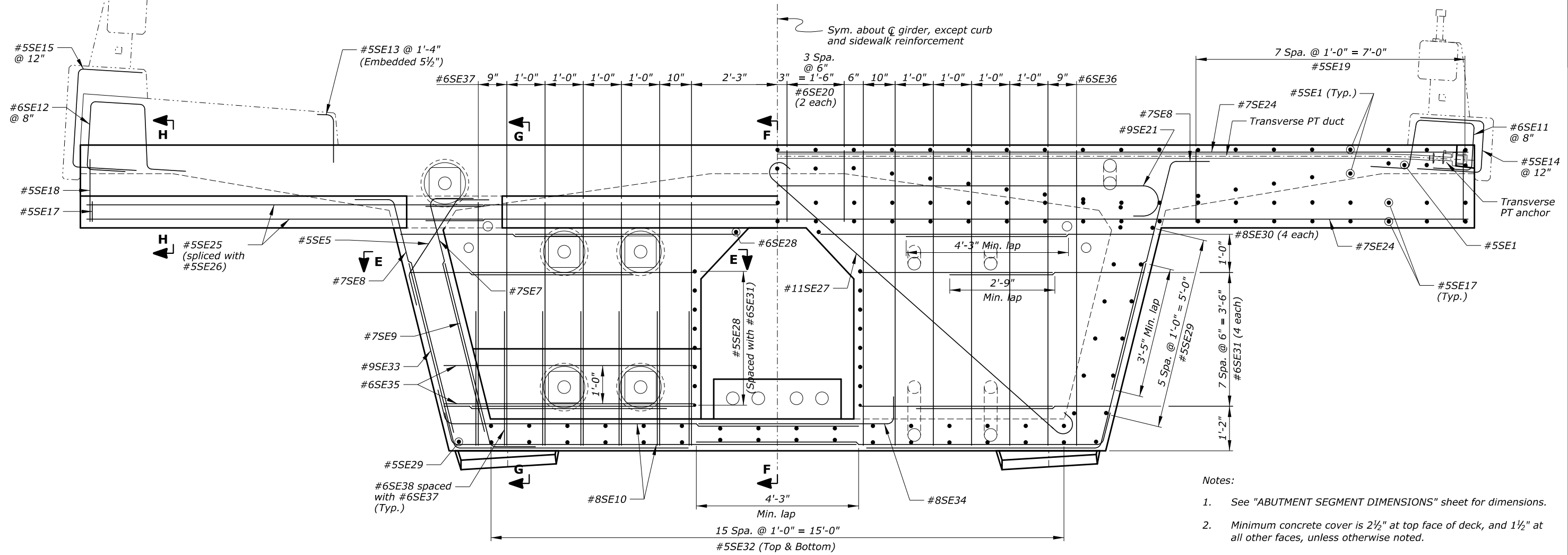
- Notes:
- Superelevations of the projected station of the joint are applied radially.
 - For joint number locations, see "TOP OF DECK ELEVATIONS - 1" sheet.

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R56

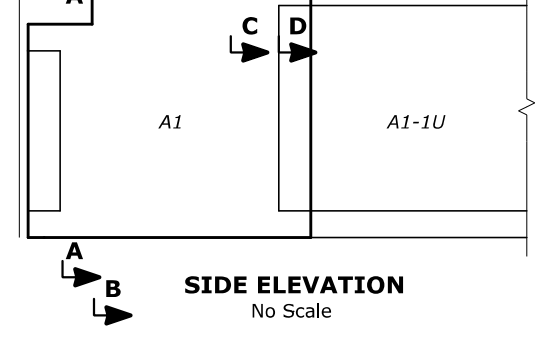
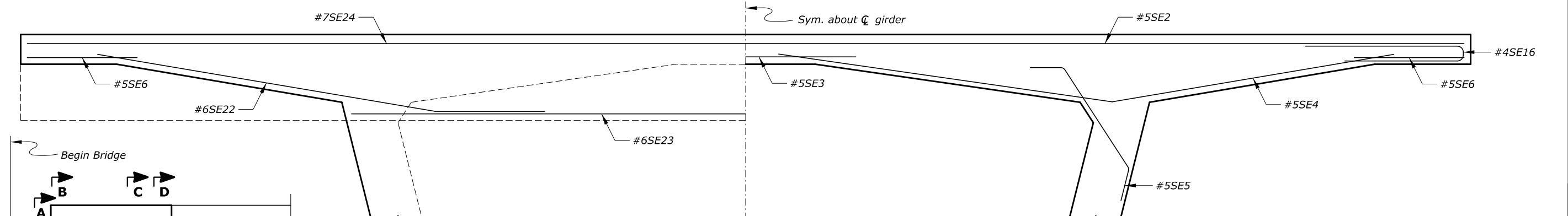
ACTUAL FILE: R56_BLR1_I26_SEGMENT A1 REINF - 1.DGN

M:\PROJECTS\STATE_DOT\NC\brl_126_nepa\Bridges\Microstation\Bridges Design Files\NO_PROJECTS.dgn

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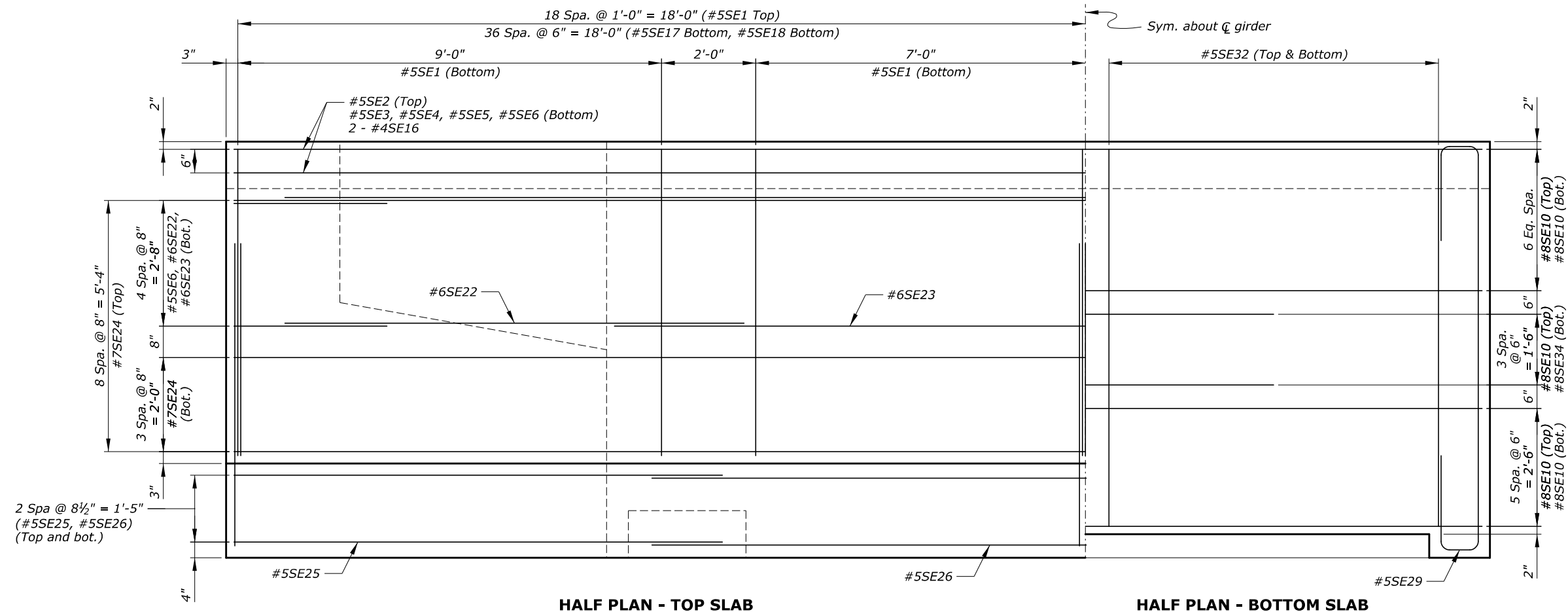
- Notes:
1. See "ABUTMENT SEGMENT DIMENSIONS" sheet for dimensions.
 2. Minimum concrete cover is 2½" at top face of deck, and 1½" at all other faces, unless otherwise noted.
 3. Adjust slightly the location of reinforcement to avoid conflict with post-tensioning ducts.



U.S. DEPARTMENT OF TRANSPORTATION
 FEDERAL HIGHWAY ADMINISTRATION
 EASTERN FEDERAL LANDS HIGHWAY DIVISION
 BLUE RIDGE PARKWAY
 BRIDGE OVER I-26
 SEGMENT A1 REINFORCEMENT - 1

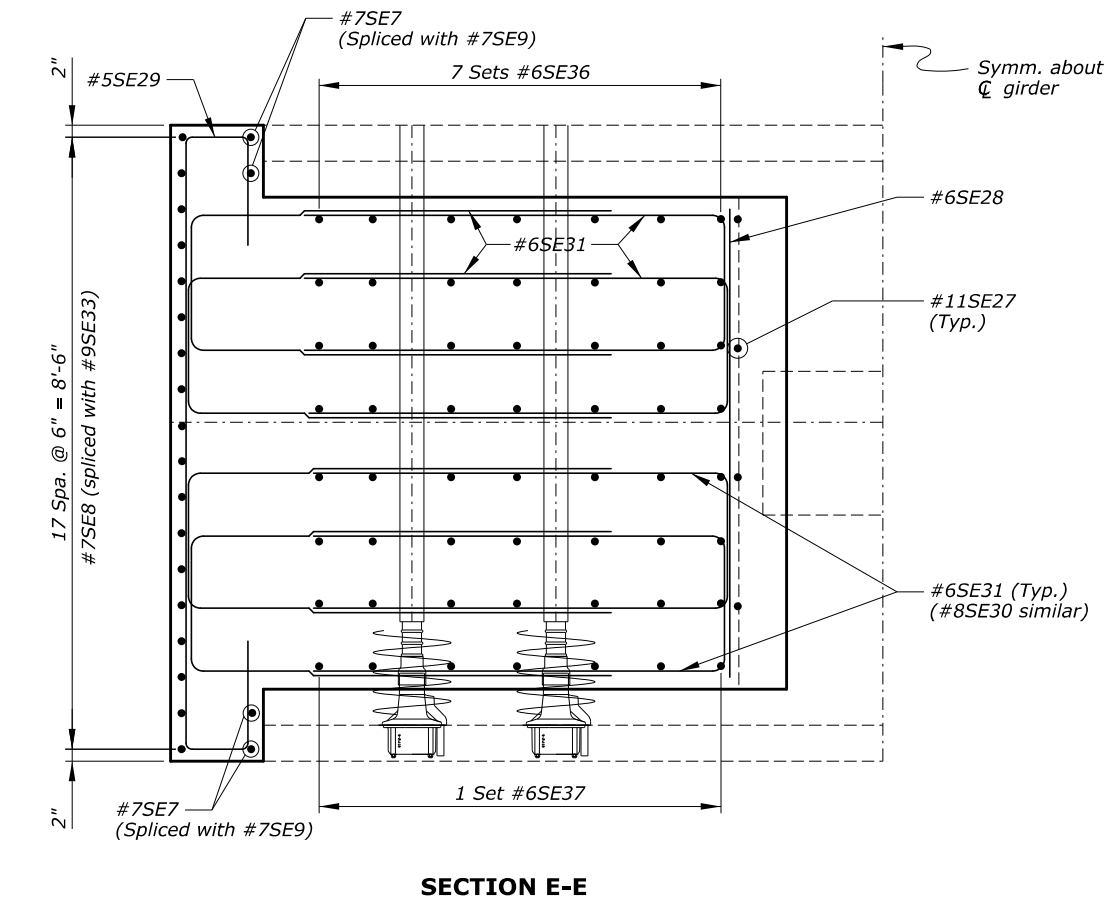
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC	BK	HC	¾" = 1'-0"	George Choubah	56 of 228	December 2018	BRP-1265

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R57



HALF PLAN - TOP SLAB

HALF PLAN - BOTTOM SLAB



SECTION E-E

Notes:

1. For section locations, see "SEGMENT A1 REINFORCEMENT - 1" sheet.
2. Minimum concrete cover is 2½" at top face of deck, and 1½" at all other faces, unless otherwise noted.
3. Adjust slightly the location of reinforcement to avoid conflict with post-tensioning ducts.

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 FEDERAL HIGHWAY ADMINISTRATION
 EASTERN FEDERAL LANDS HIGHWAY DIVISION

 BLUE RIDGE PARKWAY

 BRIDGE OVER I-26

SEGMENT A1 REINFORCEMENT - 2

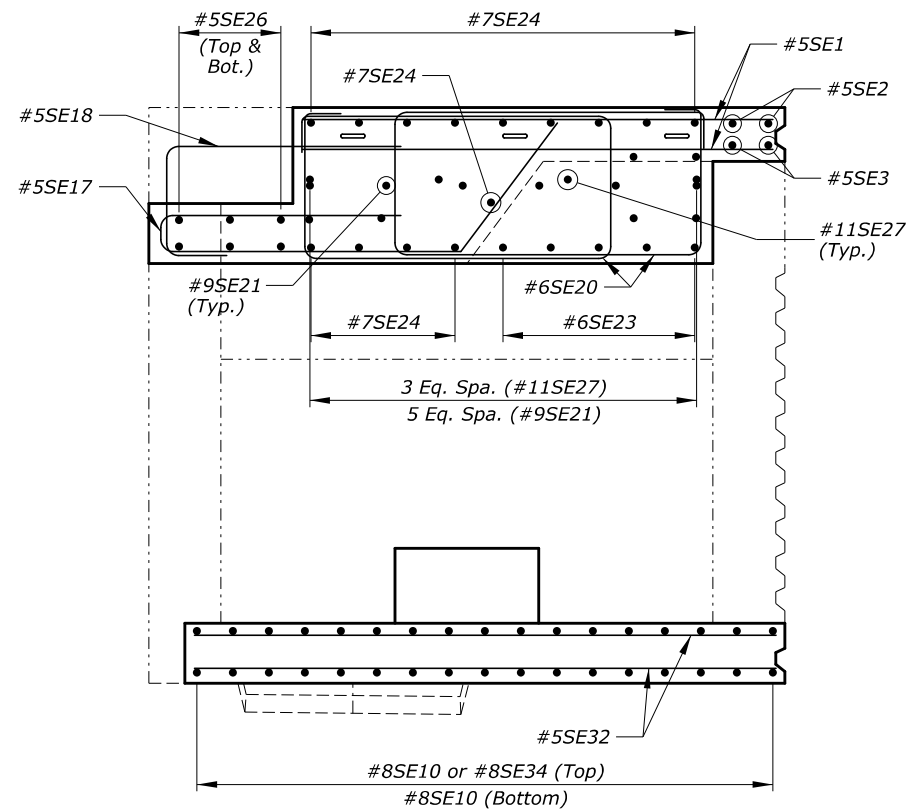
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC	BK	HC	¾" = 1'-0"	George Choubah	57 of 228	December 2018	BRP-1265

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R58

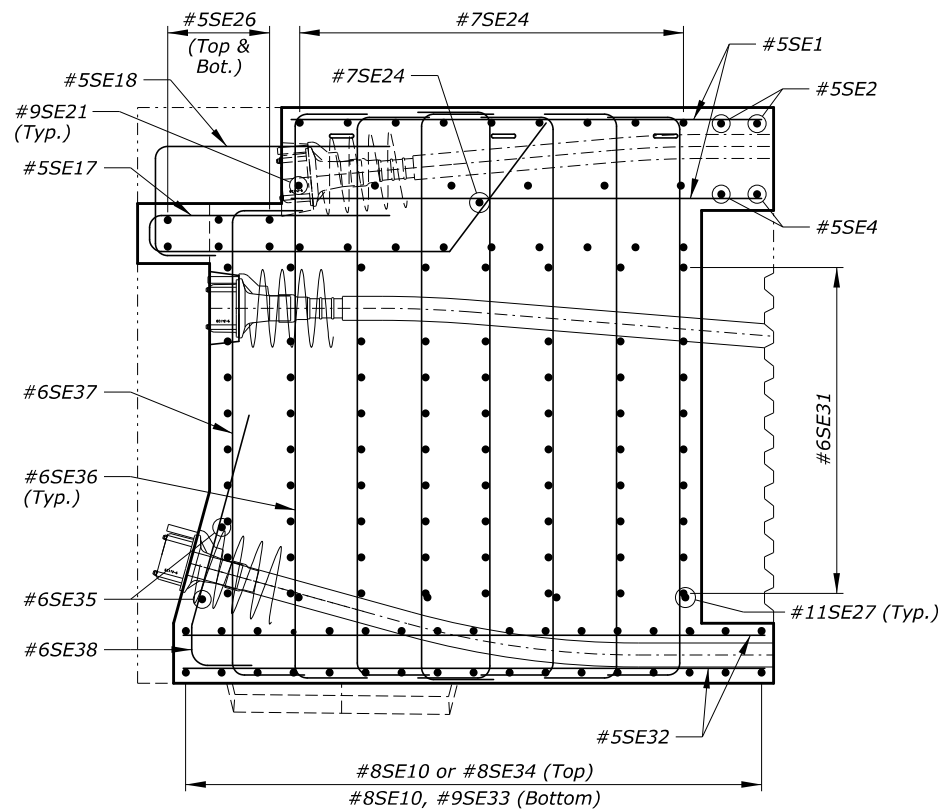
ACTUAL FILE: R58_BLR1_I26_SEGMENT A1 REINF - 3.DGN

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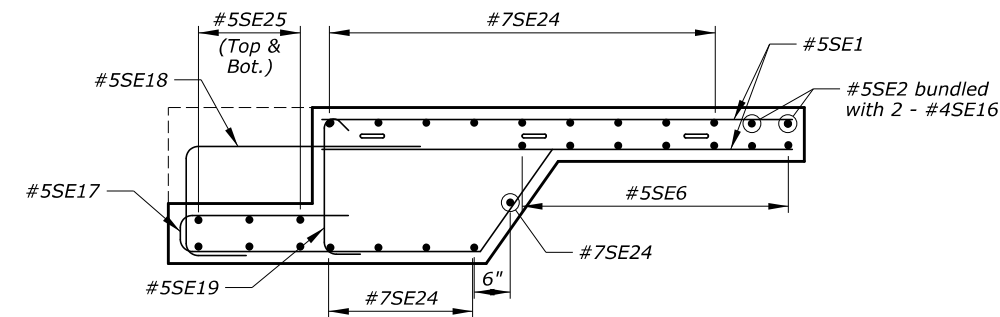
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SECTION F-F



SECTION G-G



SECTION H-H

Notes:

1. For section locations, see "SEGMENT A1 REINFORCEMENT - 1" sheet.
2. Minimum concrete cover is 2½" at top face of deck, and 1½" at all other faces, unless otherwise noted.
3. Adjust slightly the location of reinforcement to avoid conflict with post-tensioning ducts.

U.S. DEPARTMENT OF TRANSPORTATION
 FEDERAL HIGHWAY ADMINISTRATION
 EASTERN FEDERAL LANDS HIGHWAY DIVISION
 BLUE RIDGE PARKWAY
 BRIDGE OVER I-26
 SEGMENT A1 REINFORCEMENT - 3

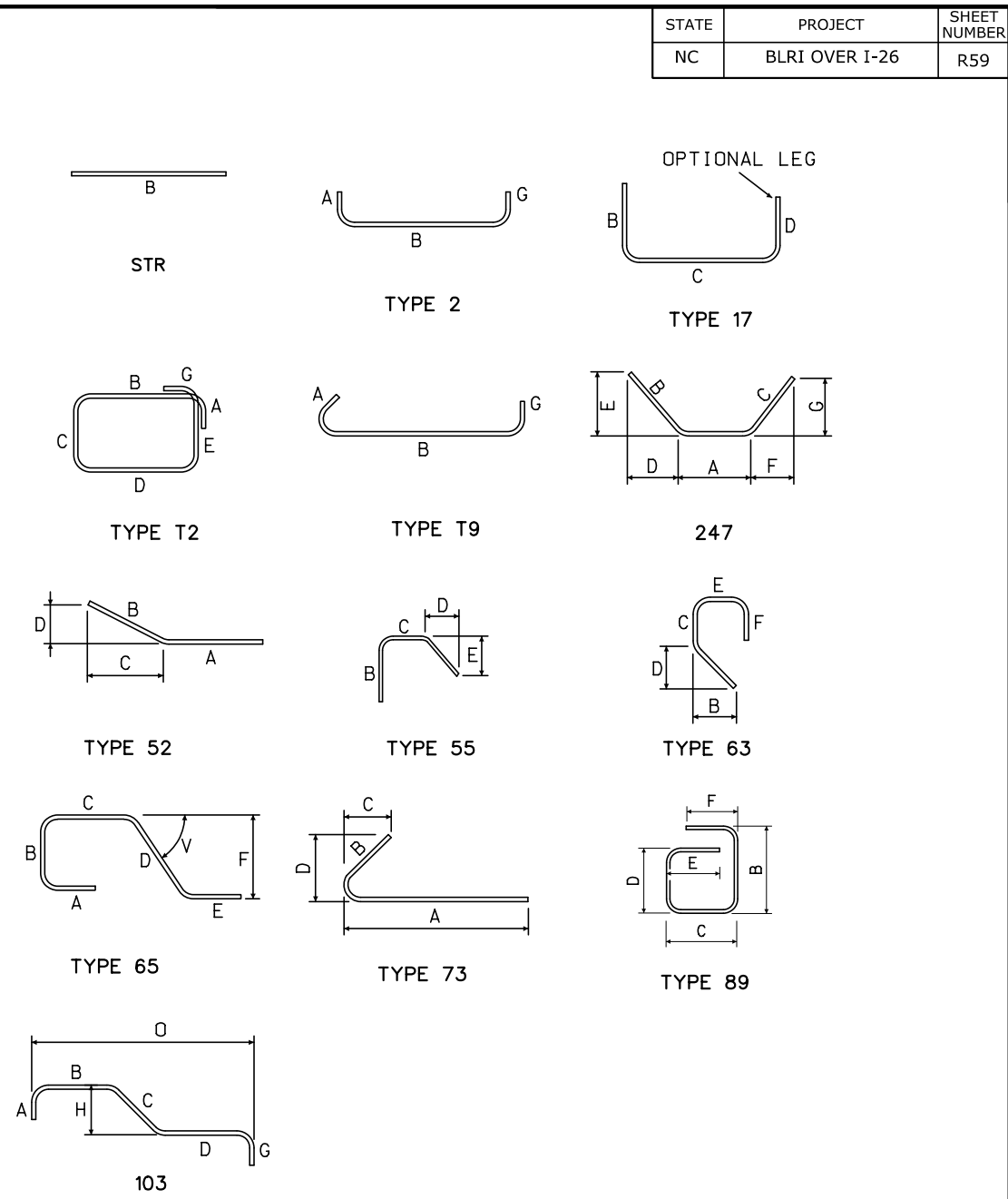
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC	BK	HC	¾" = 1'-0"	George Choubah	58 of 228	December 2018	BRP-1265

ACTUAL FILE:R59_BLR1_I26_SEGMENT A1 BAR LIST.DGN

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REINFORCING STEEL SCHEDULE				DIMENSION TABLE																
SEGMENT A1 BAR LIST				QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N	
*5SE1	5	STR	Long. top	76	6'-6"	515		6'-6"												
*5SE2	5	STR	Trans. top	2	36'-2"	75		36'-2"												
*5SE3	5	STR	Trans. top	2	6'-0"	13		6'-0"												
*5SE4	5	52	0'-3 3/4" Trans. top	4	16'-10"	70	9'-1"	7'-9"	7'-4 1/2"	2'-5"										
*5SE5	5	247	0'-3 3/4" Trans. top	4	4'-7"	19	2'-10 1/4"	0'-10"	0'-10"	0'-6 3/4"	0'-7 3/4"	0'-5 1/2"	0'-8 3/4"							
*5SE6	5	STR	Trans. top	4	3'-3"	14		3'-3"												
*7SE7	7	73	0'-5 5/16" Vert. i.f.	8	7'-1 1/2"	122	6'-3 1/4"	1'-2"	0'-3"	1'-2 1/2"										
*7SE8	7	52	0'-5 5/16" Vert. o.f.	36	7'-6"	552	6'-4"	1'-2"	0'-3 1/2"	1'-1 3/4"										
*7SE9	7	52	0'-5 5/16" Vert. e.f.	8	6'-2"	101	5'-0"	1'-2"	0'-3 1/2"	1'-2"										
*8SE10	8	52	0'-6 1/8" Trans. bot.	60	12'-1 1/2"	1942	10'-9"	1'-4 1/2"	0'-4"	1'-4 1/4"										
*6SE11	6	65	0'-4 1/2" Rail	13	6'-1 1/2"	120	1'-0"	1'-4"	1'-4 1/4"	1'-5 1/4"	1'-0"	1'-5"							77°	
*6SE12	6	65	0'-4 1/2" Rail	13	6'-10"	133	1'-0"	1'-8 1/2"	1'-6"	1'-7 1/4"	1'-0"	1'-7 1/4"							84°	
*5SE13	5	17	0'-3 3/4" Rail	7	1'-8"	12		1'-3"	0'-5"											
*5SE14	5	17	0'-3 3/4" Rail	9	5'-1 1/2"	48		1'-10 1/2"	1'-4 1/4"	1'-10 1/2"										
*5SE15	5	17	0'-3 3/4" Rail	9	6'-2"	58		1'-10 1/4"	2'-5 1/2"	1'-10 1/4"										
*4SE16	4	17	0'-3 1/8" Trans. top	8	7'-5"	40		4'-0"	0'-5"	3'-0"										
*5SE17	5	63	0'-3 3/4" Long. top	74	10'-5"	804		1'-10 1/2"	4'-2 1/2"	1'-3 1/2"	0'-7"	3'-4 1/2"								
*5SE18	5	17	0'-3 3/4" Long. top	74	7'-2"	553		3'-4"	1'-5 3/4"	2'-4"										
*5SE19	5	T9	0'-2 5/16" Vert.	16	2'-9 1/2"	47	0'-5 1/2"	1'-10"					0'-6"							
*6SE20	6	T2	0'-4 1/2" Long. top	8	14'-0"	168	1'-0"	4'-2"	1'-10"	4'-2"	1'-10"		1'-0"							
*9SE21	9	103	0'-9 1/16" Trans. top	6	22'-7 1/2"	462	20'-1 1/4"													
*6SE22	6	52	0'-4 1/2" Trans. top	10	11'-4"	170	9'-3 3/4"	2'-0"	1'-11 3/4"	0'-4 3/4"										
*6SE23	6	STR	Trans. top	5	19'-10"	149		19'-10"												
*7SE24	7	STR	Trans. top	14	36'-2"	1035		36'-2"												
*5SE25	5	STR	Trans. top	6	10'-8 1/2"	67		10'-8 1/2"												
*5SE26	5	STR	Trans. top	3	19'-1"	60		19'-1"												
*11SE27	11	103	1'-0" Vert.	8	13'-8 1/2"	583	10'-6 1/2"													
*6SE28	6	STR	Horiz. i.f.	18	6'-6"	176		6'-6"												
*5SE29	5	89	0'-3 3/4" Horiz. o.f.	14	14'-3"	208		0'-10 1/2"	8'-6"	0'-10 1/2"	2'-0"	2'-0"								
*8SE30	8	17	0'-6 1/8" Horiz.	16	15'-0 1/2"	643		6'-6 1/4"	2'-0"	6'-6 1/4"										
*6SE31	6	17	0'-4 1/2" Horiz.	112	12'-2"	2047		5'-1"	2'-0"	5'-1"										
*5SE32	5	STR	Long. bot.	32	8'-0"	267		8'-0"												
*9SE33	9	52	0'-9 7/16" Vert. o.f.	36	11'-0"	1346	6'-2"	4'-10"	1'-2"	4'-8 1/2"										
*8SE34	8	2	0'-6 1/8" Trans. bot.	8	5'-6 1/2"	118	1'-4"	4'-2 1/2"												
*6SE35	6	STR	Trans. bot.	4	6'-6 1/2"	39		6'-6 1/2"												
*6SE36	6	2	0'-4 1/2" Vert.	98	9'-7 1/2"	1417	1'-0"	7'-7 1/2"					1'-0"							
*6SE37	6	2	0'-4 1/2" Vert.	14	8'-3 1/2"	174	1'-0"	6'-3 1/2"					1'-0"							
*6SE38	6	55	0'-4 1/2" Vert.	14	4'-6"	95		1'-0"	0'-3 3/4"	3'-1 1/4"	0'-10 3/4"									
SUBTOTAL						14461 LBS														



U.S. DEPARTMENT OF TRANSPORTATION
 FEDERAL HIGHWAY ADMINISTRATION
 EASTERN FEDERAL LANDS HIGHWAY DIVISION

 BLUE RIDGE PARKWAY

 BRIDGE OVER I-26

 SEGMENT A1
 BAR LIST

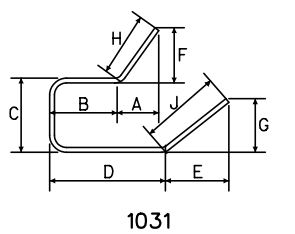
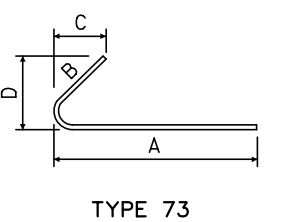
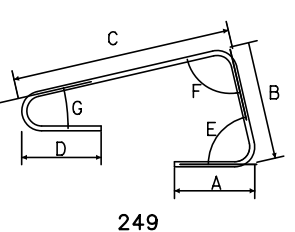
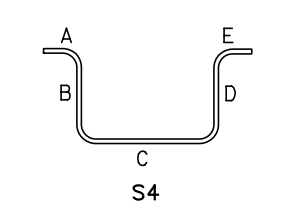
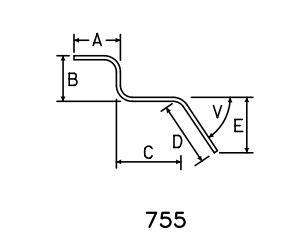
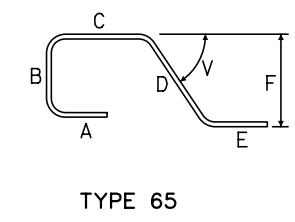
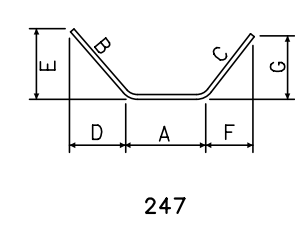
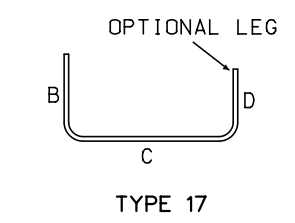
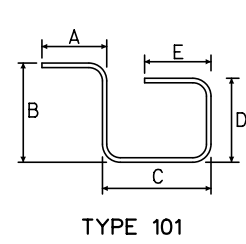
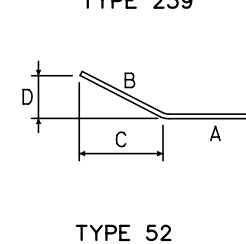
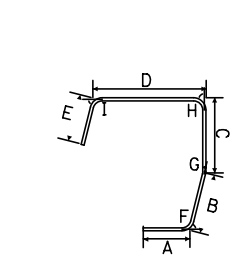
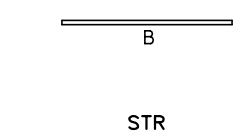
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC	CC	LE	No Scale	George Choubah	59 of 228	December 2018	BRP-1265

ACTUAL FILE: R61_BLR1_I26_SEGMENT A1-1U BAR LIST.DGN

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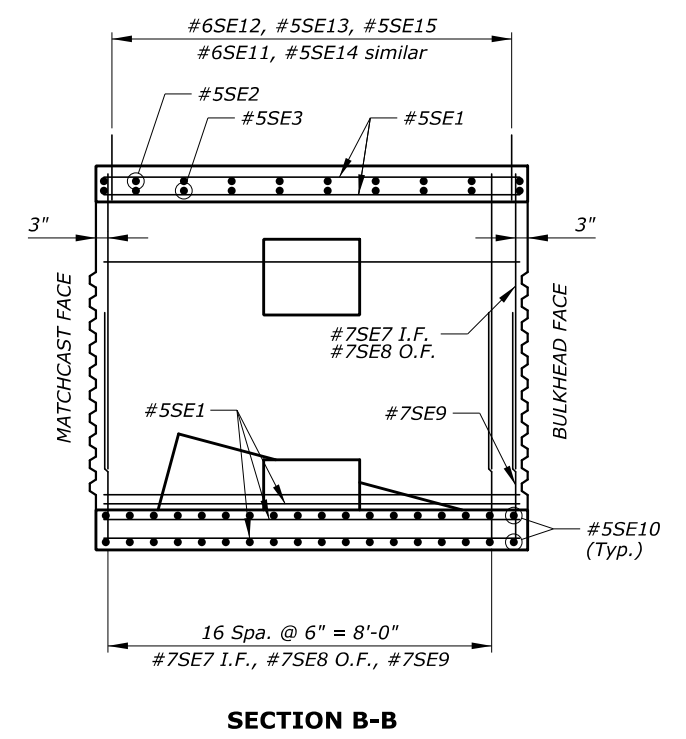
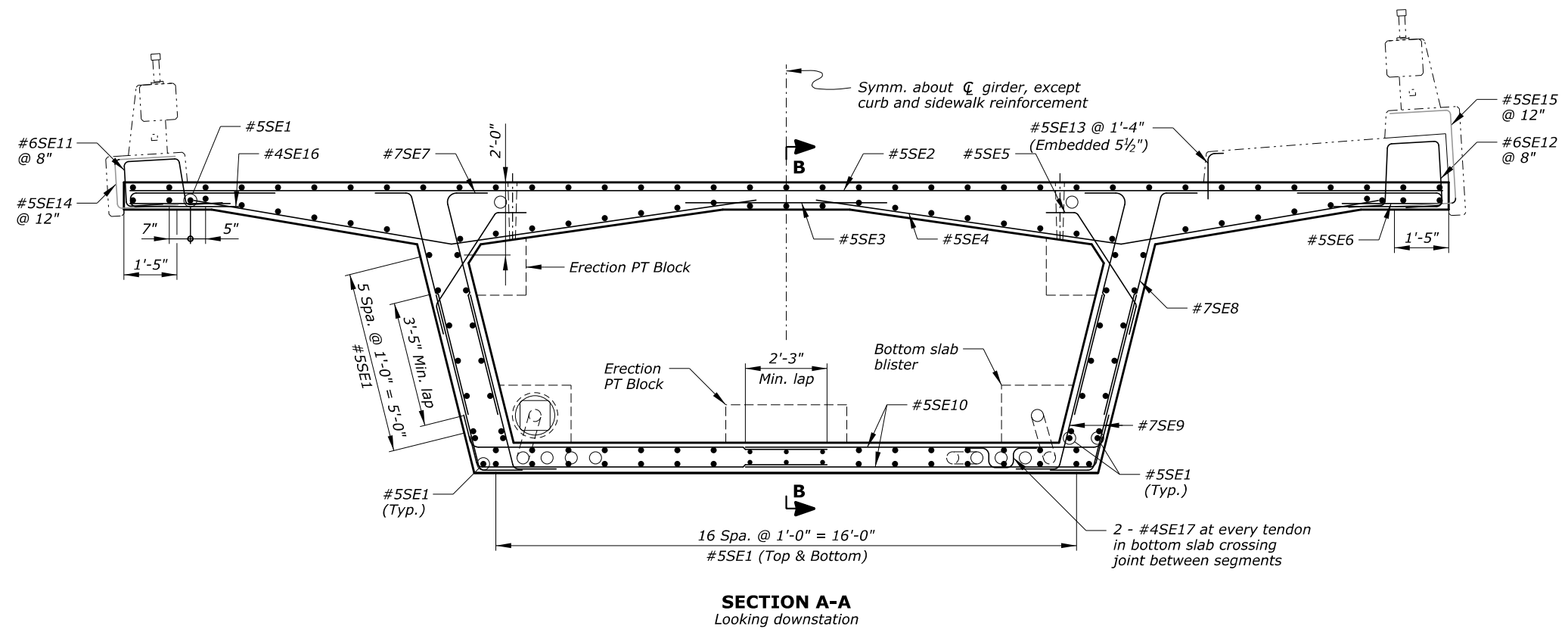
REINFORCING STEEL SCHEDULE				DIMENSION TABLE																
SEGMENT A1-1U BAR LIST																				
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N
*5SE1	5	STR		Longitudinal	132	8'-8"	1193		8'-8"											
*5SE2	5	STR		Trans. top	10	36'-2"	377		36'-2"											
*5SE3	5	STR		Trans. top	10	6'-0"	63		6'-0"											
*5SE4	5	52	0'-3 3/4"	Trans. top	20	16'-10"	351	9'-1"	7'-9"	7'-4 1/2"	2'-5"									
*5SE5	5	247	0'-3 3/4"	Trans. top	20	4'-7"	96	2'-10 1/4"	0'-10"	0'-10"	0'-6 3/4"	0'-7 3/4"	0'-5 1/2"	0'-8 3/4"						
*5SE6	5	STR		Trans. top	20	3'-3"	68		3'-3"											
*7SE7	7	73	0'-5 5/16"	Vert. i.f.	36	7'-5 1/2"	549	6'-3 1/4"	1'-2"	0'-3"	1'-2 1/2"									
*7SE8	7	52	0'-5 5/16"	Vert. o.f.	36	7'-6"	552	6'-4"	1'-2"	0'-3 1/2"	1'-1 3/4"									
*7SE9	7	52	0'-5 5/16"	Vert. e.f.	72	6'-2 1/2"	914	5'-0 1/2"	1'-2"	0'-3 1/2"	1'-1 3/4"									
*5SE10	5	52	0'-3 3/4"	Trans. bot.	48	10'-4"	517	9'-6"	0'-10"	0'-2 1/2"	0'-10"									
*6SE11	6	65	0'-4 1/2"	Rail	14	6'-1 1/2"	129	1'-0"	1'-4"	1'-4 1/4"	1'-5 1/4"	1'-0"	1'-5"							77°
*6SE12	6	65	0'-4 1/2"	Rail	14	6'-10"	144	1'-0"	1'-8 1/2"	1'-6"	1'-7 1/4"	1'-0"	1'-7 1/4"							84°
*5SE13	5	17	0'-3 3/4"	Rail	7	1'-8"	12		1'-3"	0'-5"										
*5SE14	5	17	0'-3 3/4"	Rail	9	5'-1 1/2"	48		1'-10 1/2"	1'-4 1/4"	1'-10 1/2"									
*5SE15	5	17	0'-3 3/4"	Rail	9	6'-2"	58		1'-10 1/4"	2'-5 1/2"	1'-10 1/4"									
*4SE16	4	17	0'-3 1/8"	Trans. top	64	8'-5"	360		4'-0"	0'-5"	4'-0"									
*4SE17	4	S4	0'-3 1/8"	Trans. bot.	20	3'-2 1/2"	43	0'-8"	0'-7"	0'-8 1/2"	0'-7"	0'-8"								
*5SE18	5	STR		Long. bot.	6	3'-7 1/2"	23		3'-7 1/2"											
*5SE19	5	17	0'-3 3/4"	Long. bot.	3	5'-5 1/2"	17		2'-6"	0'-5 1/4"	2'-6"									
*5SE20	5	STR		Long. bot.	6	2'-0 1/2"	13		2'-0 1/2"											
*5SE21	5	17	0'-3 3/4"	Long. bot.	3	4'-5 1/2"	14		2'-0"	0'-5 1/4"	2'-0"									
*5SE22	5	52	0'-3 3/4"	Trans. bot.	20	7'-8"	160	6'-9 3/4"	0'-10"	0'-2 1/2"	0'-10"									
*5SE23	5	17	0'-3 3/4"	Trans. bot.	10	5'-7"	58		2'-6"	0'-7"	2'-6"									
*7SE24	7	STR		Long. bot.	16	7'-0"	229		7'-0"											
*6SE25	6	STR		Horiz. bot.	16	6'-0"	144		6'-0"											
SUBTOTAL							6130 LBS													
ERECTION ANCHOR BLOCK BAR LIST																				
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N
*6DE1	6	S4	0'-4 1/2"	Trans. bot.	6	8'-2 1/2"	74	1'-0"	1'-6 3/4"	3'-1"	1'-6 3/4"	1'-0"								
*6DE2	6	S4	0'-4 1/2"	Long. bot.	6	8'-11"	62	1'-0"	1'-7"	1'-9"	1'-7"	1'-0"								
*6DE3	6	239	0'-4 1/2"	Trans. top	12	7'-3"	131	1'-0"	2'-5 1/4"	1'-6 3/4"	1'-2 3/4"	1'-0"	76°	90°	14°					
*6DE4	6	S4	0'-4 1/2"	Stirrups	2	8'-3 1/2"	25	1'-0"	2'-4"	1'-7 1/2"	2'-4"	1'-0"								
*6DE5	6	S4	0'-4 1/2"	Stirrups	2	8'-6 1/2"	26	1'-0"	2'-5 1/2"	1'-7 1/2"	2'-5 1/2"	1'-0"								
*6DE6	6	S4	0'-4 1/2"	Stirrups	2	8'-10"	27	1'-0"	2'-7 1/4"	1'-7 1/2"	2'-7 1/4"	1'-0"								
*6DE7	6	S4	0'-4 1/2"	Long. top	4	8'-11"	54	1'-0"	2'-7 3/4"	1'-7 1/2"	2'-7 3/4"	1'-0"								
SUBTOTAL							398 LBS													
BOTTOM SLAB BLISTER BAR LIST																				
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N
*6LE1	6	17	0'-4 1/2"	Long. bot.	6	9'-2 1/2"	83		8'-8"	0'-6 1/2"										
*5LE2	5	249	0'-3 3/4"	Long. bot.	8	10'-11"	91	0'-10"	2'-0"	7'-3 1/4"	0'-10"	77°	90°	13°						
*5LE3	5	STR		Long. bot.	8	6'-5 1/2"	54		6'-5 1/2"											
*5LE4	5	STR		Long. bot.	8	4'-3 1/2"	36		4'-3 1/2"											
*6LE5	6	755	0'-4 1/2"		2 sets of 15 at 0'-1" incr.	6'-7"	254	1'-0"	2'-6 1/4"	2'-0 3/4"	1'-0"	0'-11 3/4"								
						to 5'-6 1/2"			to 2'-10 1/4"	0'-8 1/4"										
						at 0'-1" incr.			at 0'-0" at 0'-1" incr.	at 0'-1" at 0'-1" incr.										
*6LE6	6	1031	0'-4 1/2"	Trans. bot.	6	8'-11 1/2"	81	0'-3"	2'-11"	1'-4 3/4"	2'-7"	0'-3"	1'-0"	1'-0"	1'-0"	1'-0"				
*6LE7	6	101	0'-4 1/2"	Trans. bot.	2 sets of 12 at 0'-2" incr.	6'-4"	176	1'-0"	1'-6 1/4"	1'-3 3/4"	1'-6 1/4"	1'-0"								
						to 4'-8 1/2"			to 0'-8 1/4"	at 0'-1" at 0'-1" incr.	to 0'-8 1/4"	at 0'-1" at 0'-1" incr.								
SUBTOTAL							818 LBS													



U.S. DEPARTMENT OF TRANSPORTATION
 FEDERAL HIGHWAY ADMINISTRATION
 EASTERN FEDERAL LANDS HIGHWAY DIVISION
 BLUE RIDGE PARKWAY
 BRIDGE OVER I-26
 SEGMENT A1-1U
 BAR LIST

NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC	CC	LE	No Scale	George Choubah	61 of 228	December 2018	BRP-1265

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R62



SECTION A-A
Looking downstation

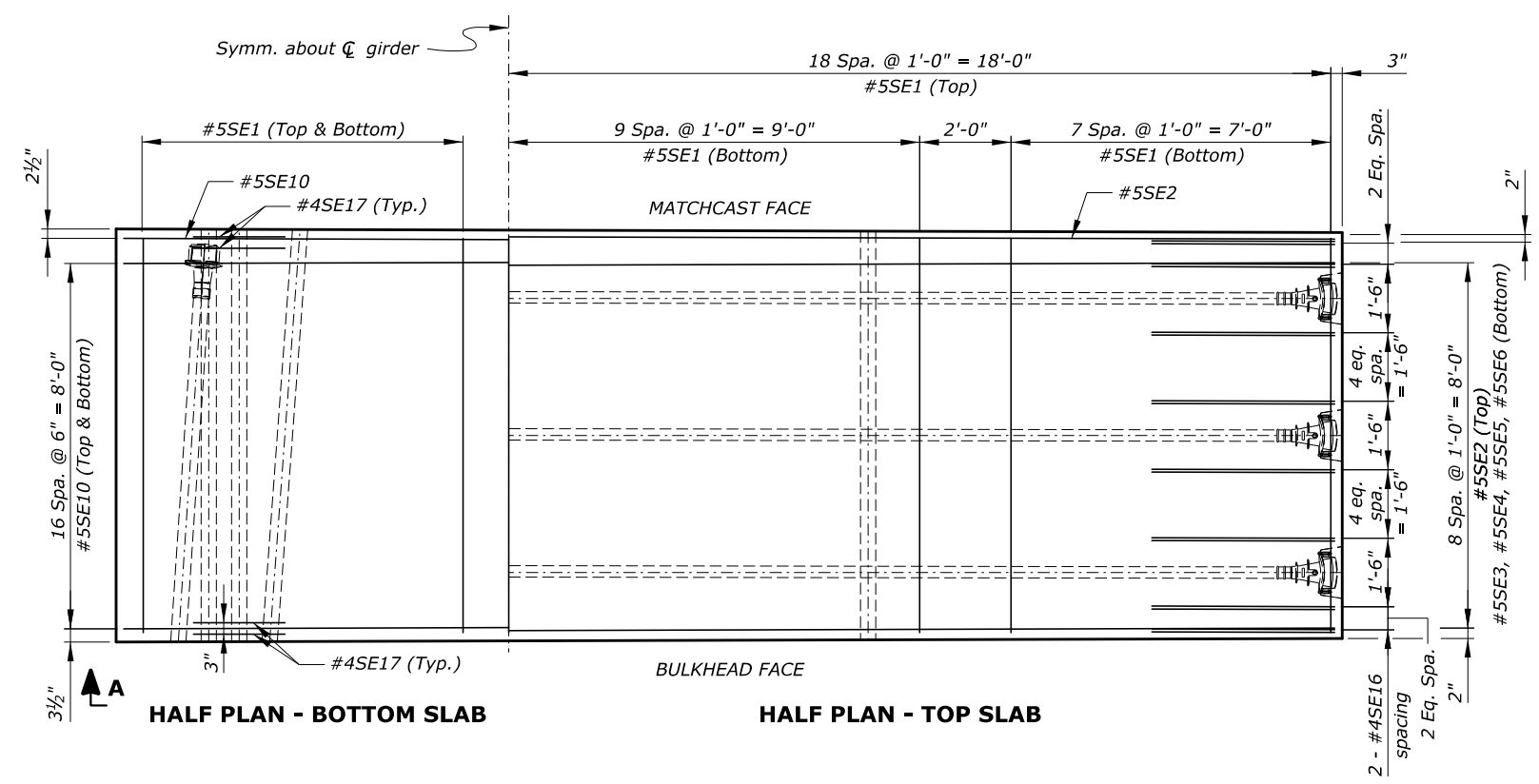
SECTION B-B

Notes:

1. Minimum concrete cover is 2½" at top face of deck, and 1½" at all other faces, unless otherwise noted.
2. Adjust slightly the location of reinforcement to avoid conflict with post-tensioning ducts.
3. For information on reinforcement in erection post-tensioning anchor blocks, see "ERECTION ANCHOR BLOCK" sheet.
4. For information on reinforcement in the bottom slab blister, see "BOTTOM SLAB BLISTER" sheet.

Key:

- e.f. = each face
- I.F. = inside face
- O.F. = outside face



HALF PLAN - BOTTOM SLAB

HALF PLAN - TOP SLAB



U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
EASTERN FEDERAL LANDS HIGHWAY DIVISION

BLUE RIDGE PARKWAY

BRIDGE OVER I-26

SEGMENT A1-2U REINFORCEMENT

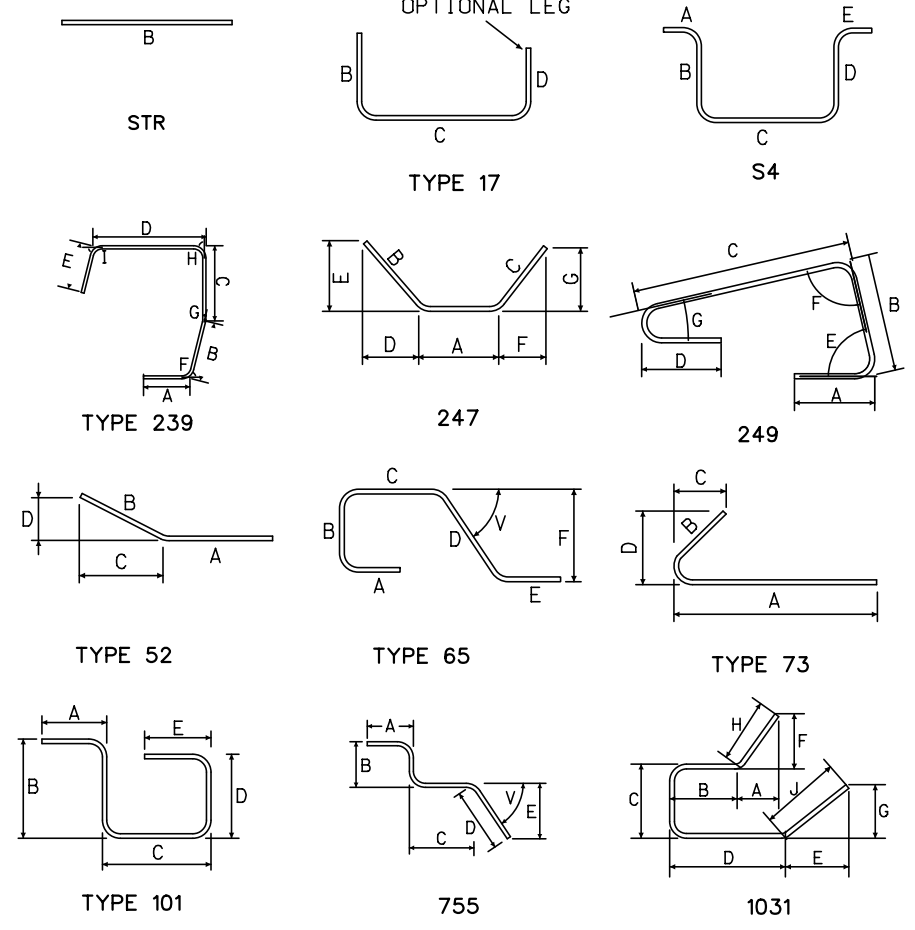
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								CC/CWN	BK/CC	HC	½" = 1'-0"	George Choubah	62 of 228	December 2018	BRP-1265

ACTUAL FILE: R63_BLR1_I26_SEGMENT A1-2U BAR LIST.DGN

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14-Dec-2018 12:18 PM

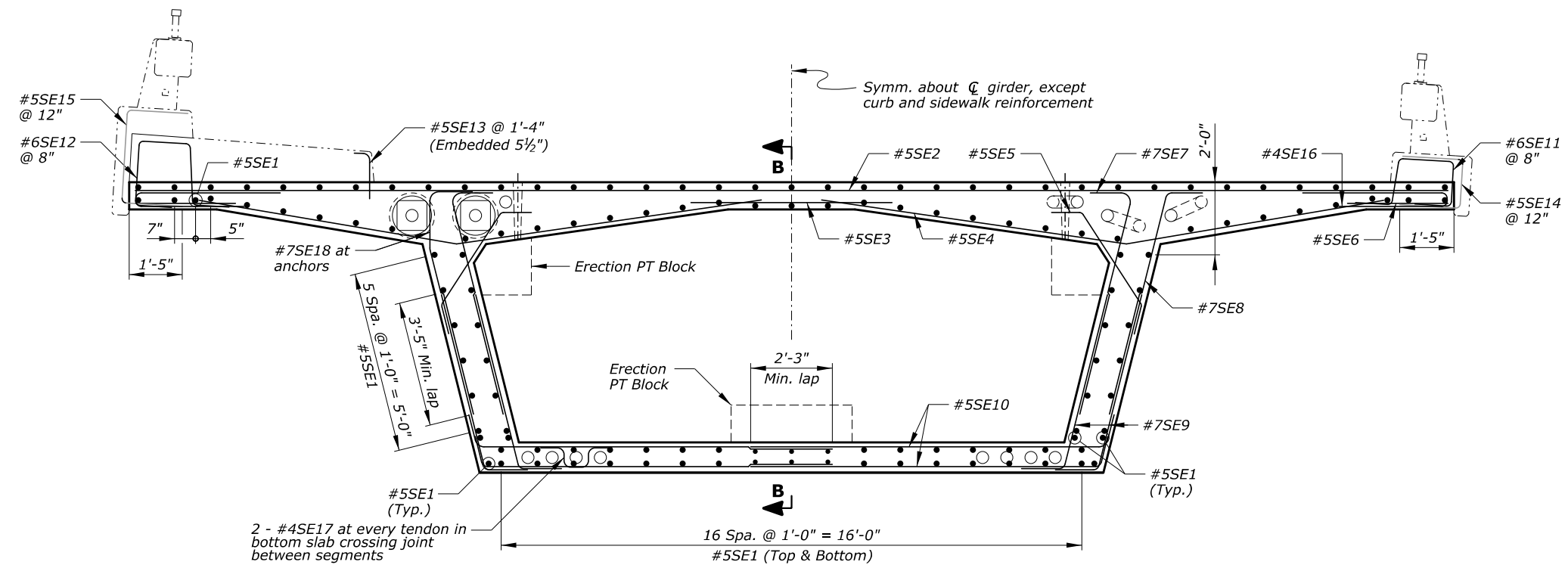
REINFORCING STEEL SCHEDULE				DIMENSION TABLE																	
SEGMENT A1-2U BAR LIST																					
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N	
*5SE1	5	STR		Longitudinal	138	8'-8"	1247		8'-8"												
*5SE2	5	STR		Trans. top	10	36'-2"	377		36'-2"												
*5SE3	5	STR		Trans. top	10	6'-0"	63		6'-0"												
*5SE4	5	52	0'-3 3/4"	Trans. top	20	16'-10"	351	9'-1"	7'-9"	7'-4 1/2"	2'-5"										
*5SE5	5	247	0'-3 3/4"	Trans. top	20	4'-7"	96	2'-10 1/4"	0'-10"	0'-10"	0'-6 3/4"	0'-7 3/4"	0'-5 1/2"	0'-8 3/4"							
*5SE6	5	STR		Trans. top	20	3'-3"	68		3'-3"												
*7SE7	7	73	0'-5 5/16"	Vert. i.f.	36	7'-5 1/2"	549	6'-3 1/4"	1'-2"	0'-3"	1'-2 1/2"										
*7SE8	7	52	0'-5 5/16"	Vert. o.f.	36	7'-6"	552	6'-4"	1'-2"	0'-3 1/2"	1'-1 3/4"										
*7SE9	7	52	0'-5 5/16"	Vert. e.f.	72	6'-2 1/2"	914	5'-0 1/2"	1'-2"	0'-3 1/2"	1'-1 3/4"										
*5SE10	5	52	0'-3 3/4"	Trans. bot.	72	10'-4"	776	9'-6"	0'-10"	0'-2 1/2"	0'-10"										
*6SE11	6	65	0'-4 1/2"	Rail	14	6'-1 1/2"	129	1'-0"	1'-4"	1'-4 1/4"	1'-5 1/4"	1'-0"	1'-5"							77°	
*6SE12	6	65	0'-4 1/2"	Rail	14	6'-10"	144	1'-0"	1'-8 1/2"	1'-6"	1'-7 1/4"	1'-0"	1'-7 1/4"								84°
*5SE13	5	17	0'-3 3/4"	Rail	7	1'-8"	12		1'-3"	0'-5"											
*5SE14	5	17	0'-3 3/4"	Rail	9	5'-1 1/2"	48		1'-10 1/2"	1'-4 1/4"	1'-10 1/2"										
*5SE15	5	17	0'-3 3/4"	Rail	9	6'-2"	58		1'-10 1/4"	2'-5 1/2"	1'-10 1/4"										
*4SE16	4	17	0'-3 1/8"	Trans. top	64	8'-5"	360		4'-0"	0'-5"	4'-0"										
*4SE17	4	S4	0'-3 1/8"	Trans. bot.	28	3'-2 1/2"	60	0'-8"	0'-7"	0'-8 1/2"	0'-7"	0'-8"									
SUBTOTAL							5803 LBS														
ERECTION ANCHOR BLOCK BAR LIST																					
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N	
*6DE1	6	S4	0'-4 1/2"	Trans. bot.	6	8'-2 1/2"	74	1'-0"	1'-6 3/4"	3'-1"	1'-6 3/4"	1'-0"									
*6DE2	6	S4	0'-4 1/2"	Long. bot.	6	6'-11"	62	1'-0"	1'-7"	1'-9"	1'-7"	1'-0"									
*6DE3	6	239	0'-4 1/2"	Trans. top	12	7'-3"	131	1'-0"	2'-5 1/4"	1'-6 3/4"	1'-2 3/4"	1'-0"	76°	90°	14°						
*6DE4	6	S4	0'-4 1/2"	Stirrups	2	8'-3 1/2"	25	1'-0"	2'-4"	1'-7 1/2"	2'-4"	1'-0"									
*6DE5	6	S4	0'-4 1/2"	Stirrups	2	8'-6 1/2"	26	1'-0"	2'-5 1/2"	1'-7 1/2"	2'-5 1/2"	1'-0"									
*6DE6	6	S4	0'-4 1/2"	Stirrups	2	8'-10"	27	1'-0"	2'-7 1/4"	1'-7 1/2"	2'-7 1/4"	1'-0"									
*6DE7	6	S4	0'-4 1/2"	Long. top	4	8'-11"	54	1'-0"	2'-7 3/4"	1'-7 1/2"	2'-7 3/4"	1'-0"									
SUBTOTAL							398 LBS														
BOTTOM SLAB BLISTER BAR LIST																					
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N	
*6LE1	6	17	0'-4 1/2"	Long. bot.	6	9'-2 1/2"	83		8'-8"	0'-6 1/2"											
*5LE2	5	249	0'-3 3/4"	Long. bot.	8	10'-11"	91	0'-10"	2'-0"	7'-3 1/4"	0'-10"	77°	90°	13°							
*5LE3	5	STR		Long. bot.	8	6'-5 1/2"	54		6'-5 1/2"												
*5LE4	5	STR		Long. bot.	8	4'-3 1/2"	36		4'-3 1/2"												
*6LE5	6	755	0'-4 1/2"		2	6'-7"	254	1'-0"	2'-6 1/4"	2'-0 3/4"	1'-0"	0'-11 3/4"								76°	
					sets to of 15 at 0'-1" incr.				to to at 0'-0" at 0'-1" incr.												
*6LE6	6	1031	0'-4 1/2"	Trans. bot.	6	8'-11 1/2"	81	0'-3"	2'-11"	1'-4 3/4"	2'-7"	0'-3"	1'-0"	1'-0"	1'-0"	1'-0"					
*6LE7	6	101	0'-4 1/2"	Trans. bot.	2	6'-4"	176	1'-0"	1'-6 1/4"	1'-3 3/4"	1'-6 1/4"	1'-0"									
					sets to of 12 at 0'-2" incr.				to to at 0'-1" at 0'-1" incr.												
SUBTOTAL							818 LBS														



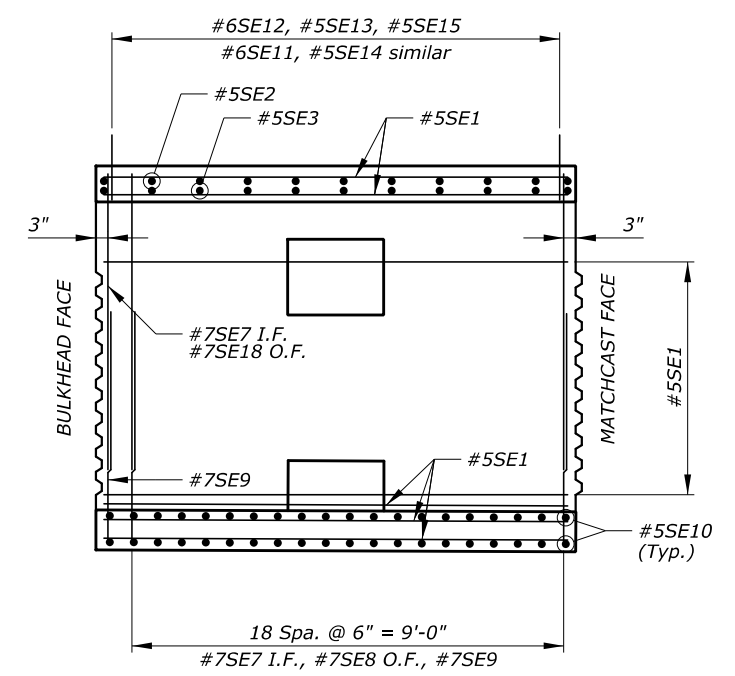
U.S. DEPARTMENT OF TRANSPORTATION
 FEDERAL HIGHWAY ADMINISTRATION
 EASTERN FEDERAL LANDS HIGHWAY DIVISION
 BLUE RIDGE PARKWAY
 BRIDGE OVER I-26
 SEGMENT A1-2U
 BAR LIST

NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC	CC	LE	No Scale	George Choubah	63 of 228	December 2018	BRP-1265

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R64



SECTION A-A
Looking upstation



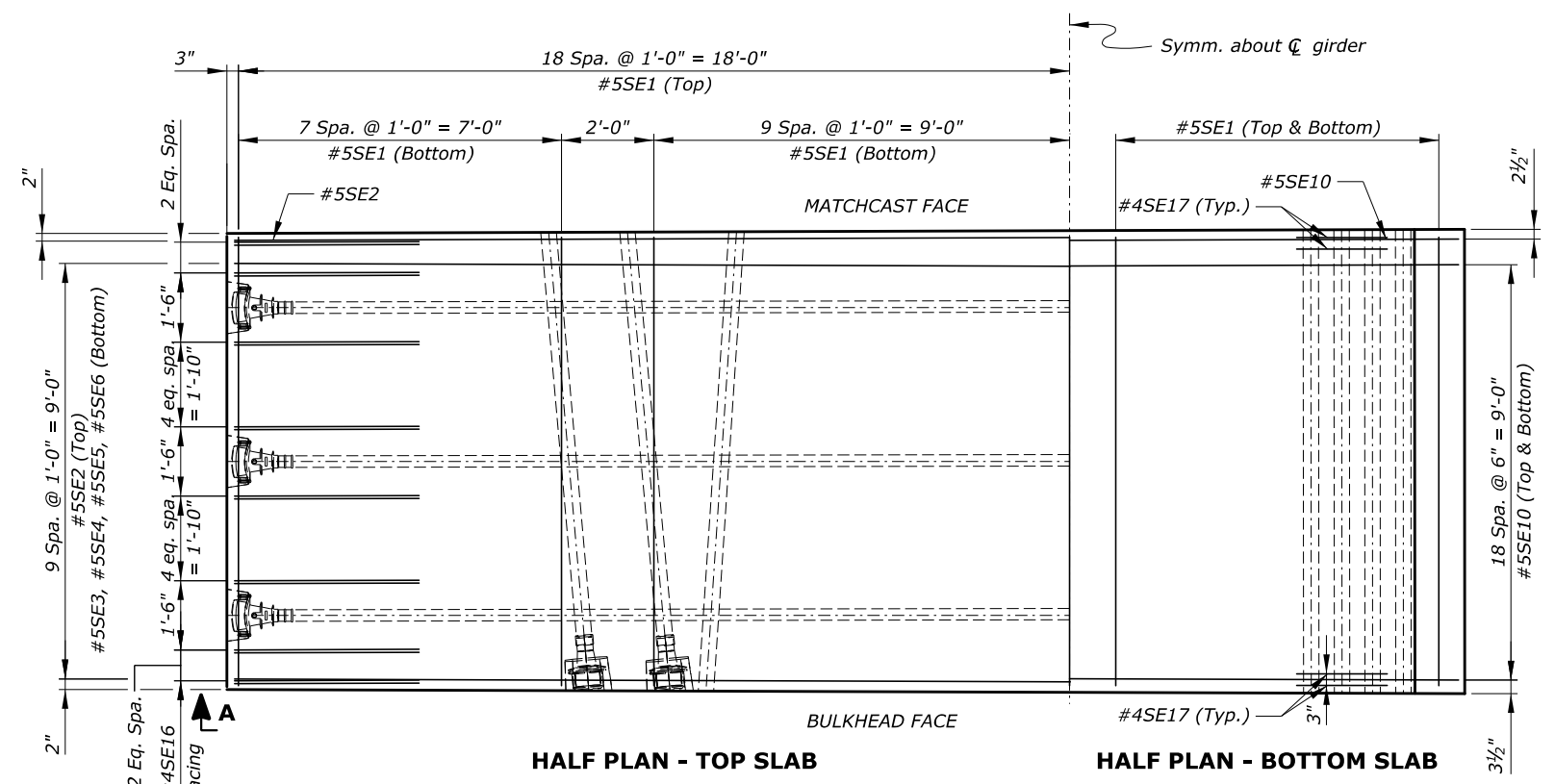
SECTION B-B

Notes:

1. Minimum concrete cover is 2 1/2" at top face of deck, and 1 1/2" at all other faces, unless otherwise noted.
2. Adjust slightly the location of reinforcement to avoid conflict with post-tensioning ducts.
3. For information on reinforcement in erection post-tensioning anchor blocks, see "ERECTION ANCHOR BLOCK" sheet.

Key:

- e.f. = each face
- I.F. = inside face
- O.F. = outside face



HALF PLAN - TOP SLAB

HALF PLAN - BOTTOM SLAB

NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC/CWN	BK/CC	HC	1/2" = 1'-0"	George Choubah	64 of 228	December 2018	BRP-1265

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
EASTERN FEDERAL LANDS HIGHWAY DIVISION

BLUE RIDGE PARKWAY

BRIDGE OVER I-26

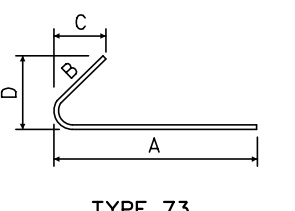
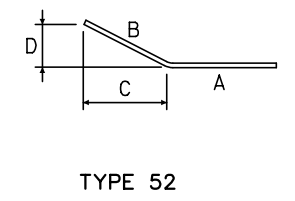
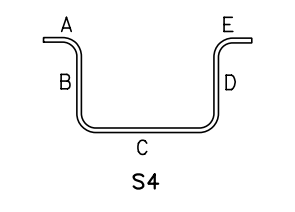
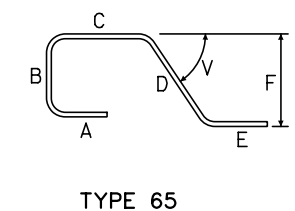
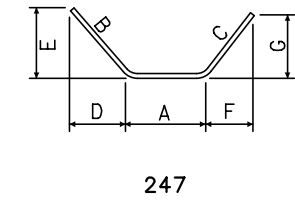
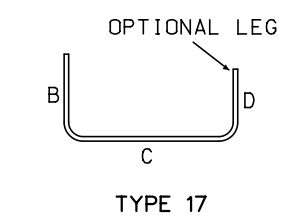
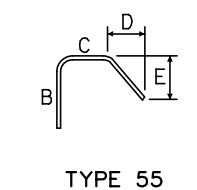
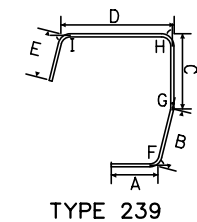
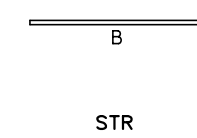
SEGMENT 1-13D REINFORCEMENT

ACTUAL FILE: R65_BLR1_I26_SEGMENT 1-13D BAR LIST.DGN

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REINFORCING STEEL SCHEDULE				DIMENSION TABLE																	
SEGMENT 1-13D BAR LIST																					
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N	
*5SE1	5	STR		Longitudinal	138	9'-8"	1391		9'-8"												
*5SE2	5	STR		Trans. top	11	36'-2"	415		36'-2"												
*5SE3	5	STR		Trans. top	11	6'-0"	69		6'-0"												
*5SE4	5	52	0'-3 3/4"	Trans. top	22	16'-10"	386	9'-1"	7'-9"	7'-4 1/2"	2'-5"										
*5SE5	5	247	0'-3 3/4"	Trans. top	22	4'-7"	105	2'-10 1/4"	0'-10"	0'-10"	0'-6 3/4"	0'-7 3/4"	0'-5 1/2"	0'-8 3/4"							
*5SE6	5	STR		Trans. top	22	3'-3"	75		3'-3"												
*7SE7	7	73	0'-5 5/16"	Vert. i.f.	40	7'-5 1/2"	610	6'-3 1/4"	1'-2"	0'-3"	1'-2 1/2"										
*7SE8	7	52	0'-5 5/16"	Vert. o.f.	38	7'-6"	583	6'-4"	1'-2"	0'-3 1/2"	1'-1 3/4"										
*7SE9	7	52	0'-5 5/16"	Vert. e.f.	80	6'-2 1/2"	1015	5'-0 1/2"	1'-2"	0'-3 1/2"	1'-1 3/4"										
*5SE10	5	52	0'-3 3/4"	Trans. bot.	80	10'-4"	862	9'-6"	0'-10"	0'-2 1/2"	0'-10"										
*6SE11	6	65	0'-4 1/2"	Rail	15	6'-1 1/2"	138	1'-0"	1'-4"	1'-4 1/4"	1'-5 1/4"	1'-0"	1'-5"							77°	
*6SE12	6	65	0'-4 1/2"	Rail	15	6'-10"	154	1'-0"	1'-8 1/2"	1'-6"	1'-7 1/4"	1'-0"	1'-7 1/4"								84°
*5SE13	5	17	0'-3 3/4"	Rail	8	1'-8"	14		1'-3"	0'-5"											
*5SE14	5	17	0'-3 3/4"	Rail	10	5'-1 1/2"	53		1'-10 1/2"	1'-4 1/4"	1'-10 1/2"										
*5SE15	5	17	0'-3 3/4"	Rail	10	6'-2"	64		1'-10 1/4"	2'-5 1/2"	1'-10 1/4"										
*4SE16	4	17	0'-3 1/8"	Trans. top	64	7'-5"	317		4'-0"	0'-5"	3'-0"										
*4SE17	4	S4	0'-3 1/8"	Trans. bot.	32	3'-2 1/2"	69	0'-8"	0'-7"	0'-8 1/2"	0'-7"	0'-8"									
*7SE18	7	55	0'-5 5/16"	Vert. o.f.	2	7'-5 1/2"	30		1'-2"	2'-0"	4'-2 1/4"	1'-1 1/4"									
SUBTOTAL							6351 LBS														
ERECTION ANCHOR BLOCK BAR LIST																					
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N	
*6DE1	6	S4	0'-4 1/2"	Trans. bot.	6	8'-2 1/2"	74	1'-0"	1'-6 3/4"	3'-1"	1'-6 3/4"	1'-0"									
*6DE2	6	S4	0'-4 1/2"	Long. bot.	6	6'-11"	62	1'-0"	1'-7"	1'-9"	1'-7"	1'-0"									
*6DE3	6	239	0'-4 1/2"	Trans. top	12	7'-3"	131	1'-0"	2'-5 1/4"	1'-6 3/4"	1'-2 3/4"	1'-0"	76°	90°	14°						
*6DE4	6	S4	0'-4 1/2"	Stirrups	2	8'-3 1/2"	25	1'-0"	2'-4"	1'-7 1/2"	2'-4"	1'-0"									
*6DE5	6	S4	0'-4 1/2"	Stirrups	2	8'-6 1/2"	26	1'-0"	2'-5 1/2"	1'-7 1/2"	2'-5 1/2"	1'-0"									
*6DE6	6	S4	0'-4 1/2"	Stirrups	2	8'-10"	27	1'-0"	2'-7 1/4"	1'-7 1/2"	2'-7 1/4"	1'-0"									
*6DE7	6	S4	0'-4 1/2"	Long. top	4	8'-11"	54	1'-0"	2'-7 3/4"	1'-7 1/2"	2'-7 3/4"	1'-0"									
SUBTOTAL							398 LBS														



U.S. DEPARTMENT OF TRANSPORTATION
 FEDERAL HIGHWAY ADMINISTRATION
 EASTERN FEDERAL LANDS HIGHWAY DIVISION
 BLUE RIDGE PARKWAY
 BRIDGE OVER I-26
 SEGMENT 1-13D
 BAR LIST

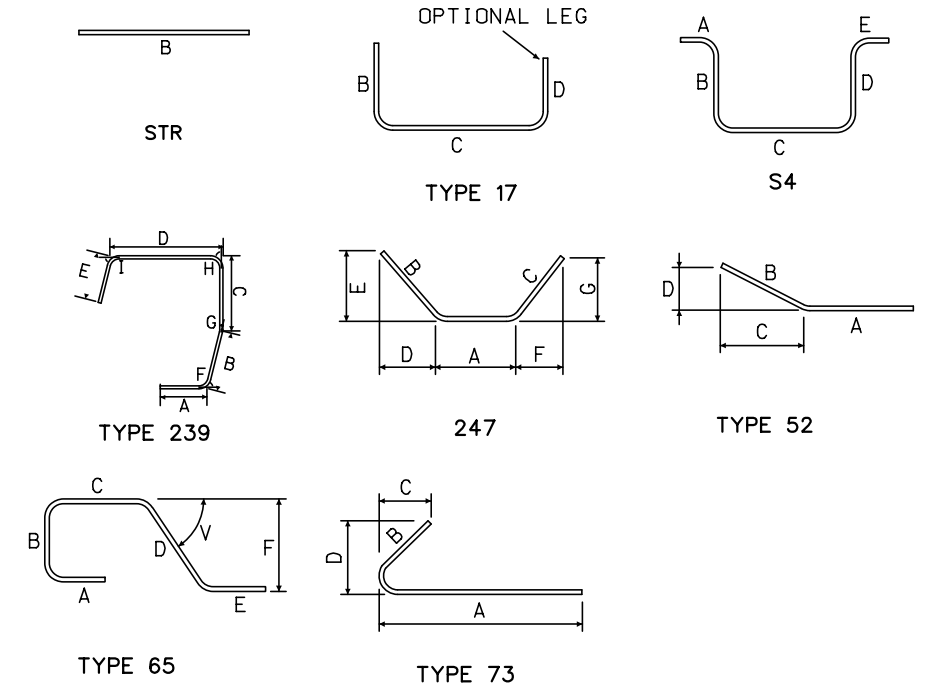
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC	CC	LE	No Scale	George Choubah	65 of 228	December 2018	BRP-1265

ACTUAL FILE: R67_BLR1_I26_SEGMENT 1-12D BAR LIST.DGN

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REINFORCING STEEL SCHEDULE				DIMENSION TABLE																
SEGMENT 1-12D BAR LIST																				
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N
*5SE1	5	STR		Longitudinal	138	9'-8"	1391		9'-8"											
*5SE2	5	STR		Trans. top	11	36'-2"	415		36'-2"											
*5SE3	5	STR		Trans. top	11	6'-0"	69		6'-0"											
*5SE4	5	52	0'-3 3/4"	Trans. top	22	16'-10"	386	9'-1"	7'-9"	7'-4 1/2"	2'-5"									
*5SE5	5	247	0'-3 3/4"	Trans. top	22	4'-7"	105	2'-10 1/4"	0'-10"	0'-10"	0'-6 3/4"	0'-7 3/4"	0'-5 1/2"	0'-8 3/4"						
*5SE6	5	STR		Trans. top	22	3'-3"	75		3'-3"											
*7SE7	7	73	0'-5 5/16"	Vert. i.f.	40	7'-6 1/2"	617	6'-4 1/4"	1'-2"	0'-3"	1'-2 1/2"									
*7SE8	7	52	0'-5 5/16"	Vert. o.f.	40	7'-7"	620	6'-5"	1'-2"	0'-3 1/2"	1'-1 3/4"									
*7SE9	7	52	0'-5 5/16"	Vert. e.f.	80	6'-2 1/2"	1015	5'-0 1/2"	1'-2"	0'-3 1/2"	1'-1 3/4"									
*5SE10	5	52	0'-3 3/4"	Trans. bot.	80	10'-4"	862	9'-6"	0'-10"	0'-2 1/2"	0'-10"									
*6SE11	6	65	0'-4 1/2"	Rail	15	6'-1 1/2"	138	1'-0"	1'-4"	1'-4 1/4"	1'-5 1/4"	1'-0"	1'-5"							77°
*6SE12	6	65	0'-4 1/2"	Rail	15	6'-10"	154	1'-0"	1'-8 1/2"	1'-6"	1'-7 1/4"	1'-0"	1'-7 1/4"							84°
*5SE13	5	17	0'-3 3/4"	Rail	8	1'-8"	14		1'-3"	0'-5"										
*5SE14	5	17	0'-3 3/4"	Rail	10	5'-1 1/2"	53		1'-10 1/2"	1'-4 1/4"	1'-10 1/2"									
*5SE15	5	17	0'-3 3/4"	Rail	10	6'-2"	64		1'-10 1/4"	2'-5 1/2"	1'-10 1/4"									
*4SE16	4	17	0'-3 1/8"	Trans. top	64	7'-5"	317		4'-0"	0'-5"	3'-0"									
*4SE17	4	S4	0'-3 1/8"	Trans. bot.	32	3'-2 1/2"	69	0'-8"	0'-7"	0'-8 1/2"	0'-7"	0'-8"								
SUBTOTAL							6364	LBS												
ERECTION ANCHOR BLOCK BAR LIST																				
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N
*6DE1	6	S4	0'-4 1/2"	Trans. bot.	6	8'-2 1/2"	74	1'-0"	1'-6 3/4"	3'-1"	1'-6 3/4"	1'-0"								
*6DE2	6	S4	0'-4 1/2"	Long. bot.	6	6'-11"	62	1'-0"	1'-7"	1'-9"	1'-7"	1'-0"								
*6DE3	6	239	0'-4 1/2"	Trans. top	12	7'-3"	131	1'-0"	2'-5 1/4"	1'-6 3/4"	1'-2 3/4"	1'-0"	76°	90°	14°					
*6DE4	6	S4	0'-4 1/2"	Stirrups	2	8'-3 1/2"	25	1'-0"	2'-4"	1'-7 1/2"	2'-4"	1'-0"								
*6DE5	6	S4	0'-4 1/2"	Stirrups	2	8'-6 1/2"	26	1'-0"	2'-5 1/2"	1'-7 1/2"	2'-5 1/2"	1'-0"								
*6DE6	6	S4	0'-4 1/2"	Stirrups	2	8'-10"	27	1'-0"	2'-7 1/4"	1'-7 1/2"	2'-7 1/4"	1'-0"								
*6DE7	6	S4	0'-4 1/2"	Long. top	4	8'-11"	54	1'-0"	2'-7 3/4"	1'-7 1/2"	2'-7 3/4"	1'-0"								
SUBTOTAL							398	LBS												



STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R67

U.S. DEPARTMENT OF TRANSPORTATION
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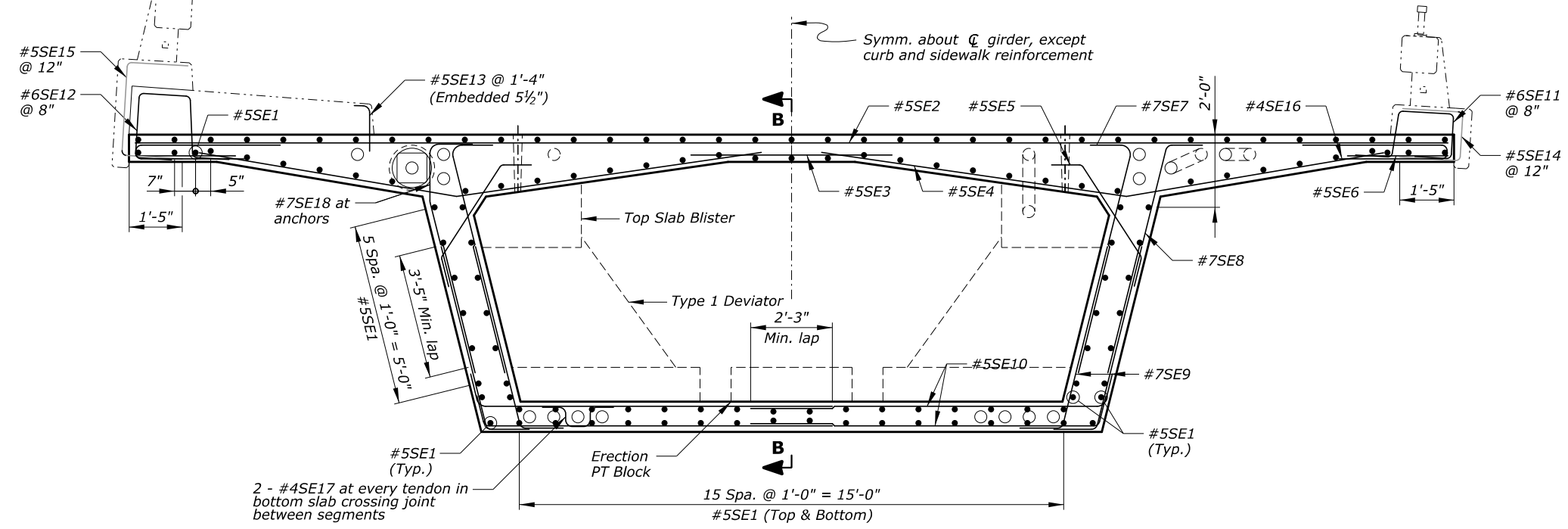
BLUE RIDGE PARKWAY

BRIDGE OVER I-26

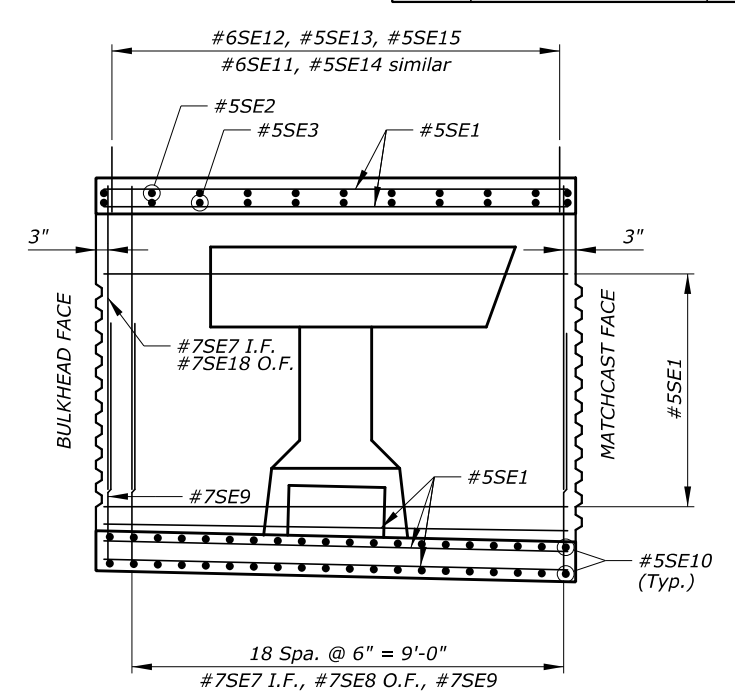
SEGMENT 1-12D
 BAR LIST

NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC	CC	LE	No Scale	George Choubah	67 of 228	December 2018	BRP-1265

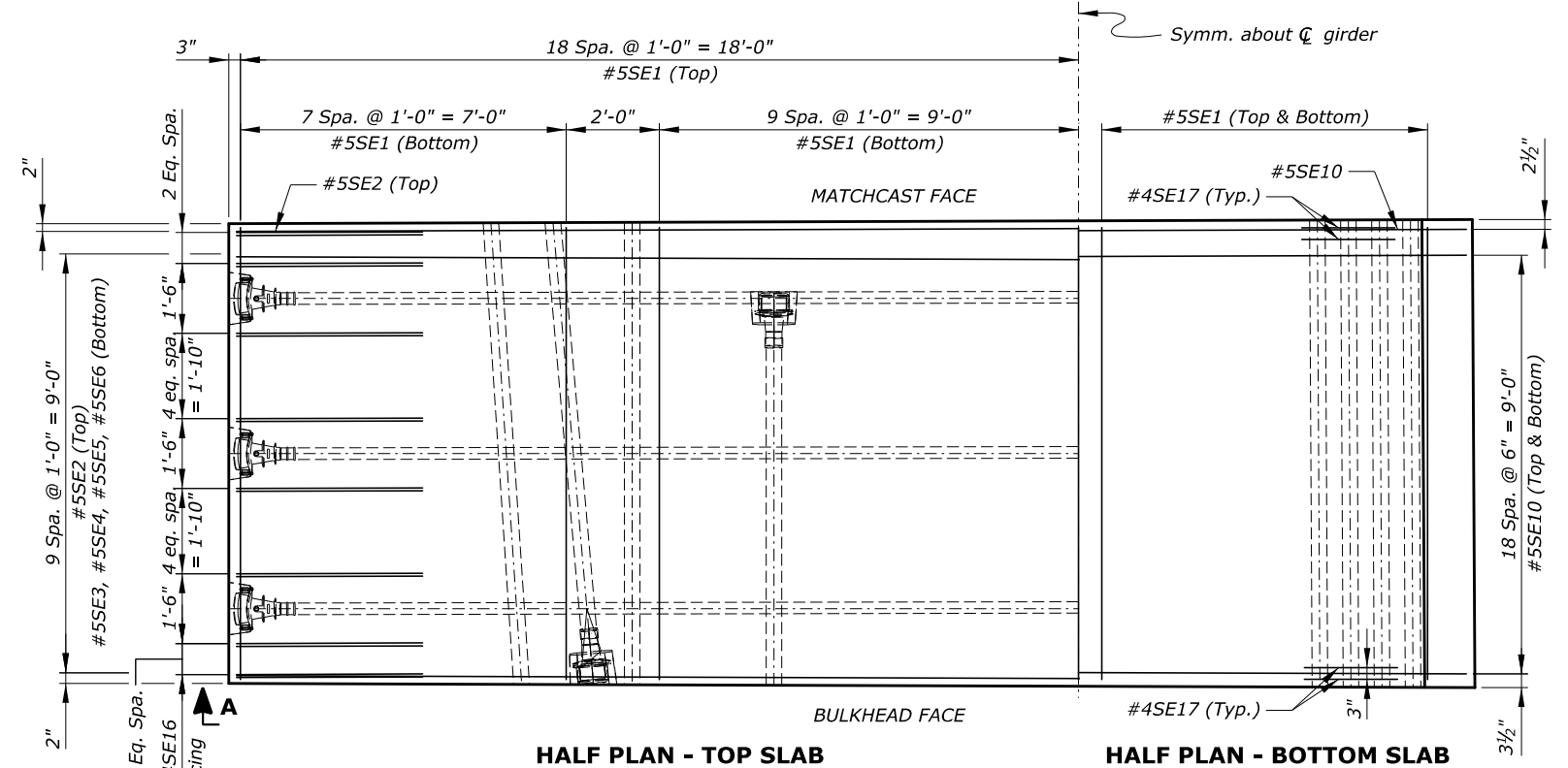
STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R68



SECTION A-A
Looking upstation



SECTION B-B



HALF PLAN - TOP SLAB

HALF PLAN - BOTTOM SLAB

Notes:

1. Minimum concrete cover is 2½" at top face of deck, and 1½" at all other faces, unless otherwise noted.
2. Adjust slightly the location of reinforcement to avoid conflict with post-tensioning ducts.
3. For information on reinforcement in erection post-tensioning anchor blocks, see "ERECTION ANCHOR BLOCK" sheet.
4. For information on reinforcement in the top slab blister, see "TOP SLAB BLISTER" sheet. For information on reinforcement in the type 1 deviator, see "TYPE 1 DEVIATOR" sheet.

Key:

- e.f. = each face
- I.F. = inside face
- O.F. = outside face

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
EASTERN FEDERAL LANDS HIGHWAY DIVISION

BLUE RIDGE PARKWAY

BRIDGE OVER I-26

SEGMENT 1-11D REINFORCEMENT

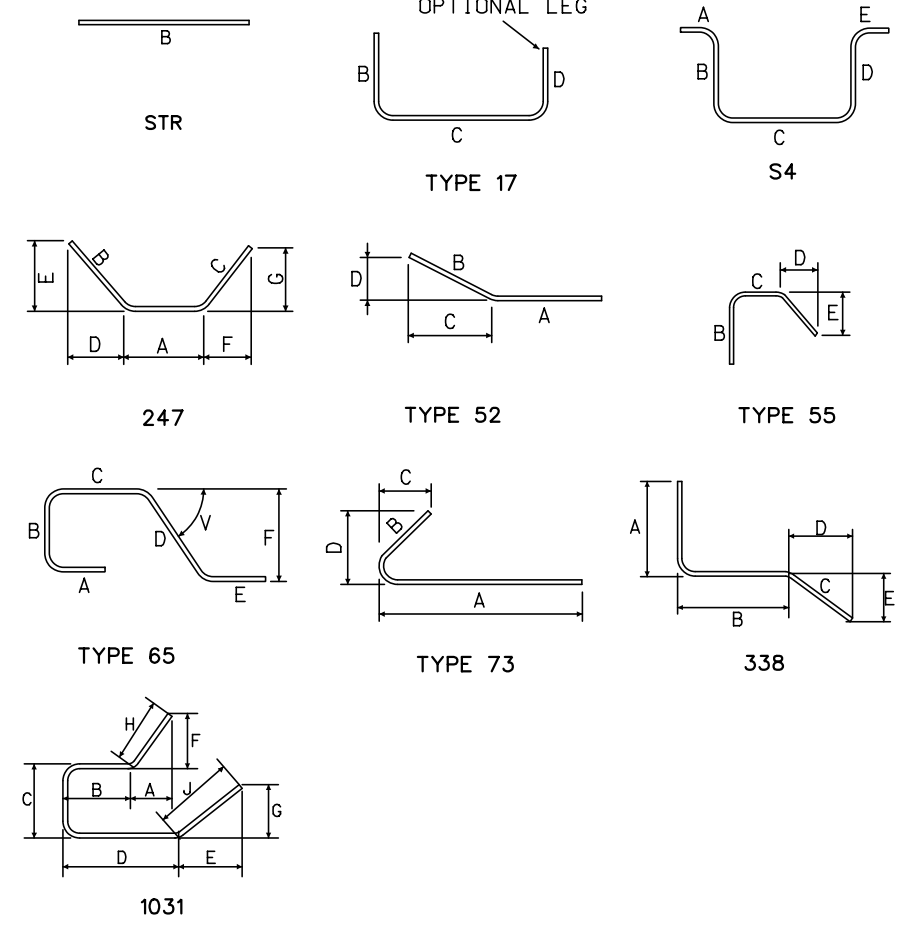
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC/CWN	BK/CC	HC	½" = 1'-0"	George Choubah	68 of 228	December 2018	BRP-1265

ACTUAL FILE: R69_BLR1_I26_SEGMENT 1-11D BAR LIST - 1.DGN

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REINFORCING STEEL SCHEDULE				DIMENSION TABLE																	
SEGMENT 1-11D BAR LIST																					
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N	
*5SE1	5	STR		Longitudinal	136	9'-8"	1371		9'-8"												
*5SE2	5	STR		Trans. top	11	36'-2"	415		36'-2"												
*5SE3	5	STR		Trans. top	11	6'-0"	69		6'-0"												
*5SE4	5	52	0'-3 3/4"	Trans. top	22	16'-10"	386	9'-1"	7'-9"	7'-4 1/2"	2'-5"										
*5SE5	5	247	0'-3 3/4"	Trans. top	22	4'-7"	105	2'-10 1/4"	0'-10"	0'-10"	0'-6 3/4"	0'-7 3/4"	0'-5 1/2"	0'-8 3/4"							
*5SE6	5	STR		Trans. top	22	3'-3"	75		3'-3"												
*7SE7	7	73	0'-5 5/16"	Vert. i.f.	40	7'-7 1/2"	623	6'-5 1/2"	1'-2"	0'-3"	1'-2 1/2"										
*7SE8	7	52	0'-5 5/16"	Vert. o.f.	50	7'-8 1/2"	788	6'-6 1/4"	1'-2"	0'-3 1/2"	1'-1 3/4"										
*7SE9	7	52	0'-5 5/16"	Vert. e.f.	92	6'-4 1/2"	1199	5'-2 1/4"	1'-2"	0'-3 1/2"	1'-1 3/4"										
*5SE10	5	52	0'-3 3/4"	Trans. bot.	80	10'-3 1/2"	859	9'-5 1/2"	0'-10"	0'-2 1/2"	0'-10"										
*6SE11	6	65	0'-4 1/2"	Rail	15	6'-1 1/2"	138	1'-0"	1'-4"	1'-4 1/4"	1'-5 1/4"	1'-0"	1'-5"							77°	
*6SE12	6	65	0'-4 1/2"	Rail	15	6'-10"	154	1'-0"	1'-8 1/2"	1'-6"	1'-7 1/4"	1'-0"	1'-7 1/4"								84°
*5SE13	5	17	0'-3 3/4"	Rail	8	1'-8"	14		1'-3"	0'-5"											
*5SE14	5	17	0'-3 3/4"	Rail	10	5'-1 1/2"	53		1'-10 1/2"	1'-4 1/4"	1'-10 1/2"										
*5SE15	5	17	0'-3 3/4"	Rail	10	6'-2"	64		1'-10 1/4"	2'-5 1/2"	1'-10 1/4"										
*4SE16	4	17	0'-3 1/8"	Trans. top	64	7'-5"	317		4'-0"	0'-5"	3'-0"										
*4SE17	4	S4	0'-3 1/8"	Trans. bot.	32	3'-2 1/2"	69	0'-8"	0'-7"	0'-8 1/2"	0'-7"	0'-8"									
*7SE18	7	55	0'-5 5/16"	Vert. o.f.	2	7'-7 1/2"	31		1'-2"	2'-0"	4'-4 1/2"	1'-1 3/4"									
SUBTOTAL							6730	LBS													
ERECTION ANCHOR BLOCK BAR LIST																					
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N	
*6DE1	6	S4	0'-4 1/2"	Trans. bot.	6	8'-2 1/2"	74	1'-0"	1'-6 3/4"	3'-1"	1'-6 3/4"	1'-0"									
*6DE2	6	S4	0'-4 1/2"	Long. bot.	6	6'-11"	62	1'-0"	1'-7"	1'-9"	1'-7"	1'-0"									
SUBTOTAL							136	LBS													
TYPE I DEVIATOR BAR LIST																					
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N	
*6VE1	6	52	0'-4 1/2"	Vert.	20	8'-8"	260	6'-4"	2'-4"	1'-9 3/4"	1'-6"										
*6VE2	6	S4	0'-4 1/2"	Horiz.	sets of 2 to 10'-10 1/2" 5 at 0'-9" Incr.		176	1'-0"	5'-3 1/4"	1'-3"	5'-3 1/4"	1'-0"									
									3'-9 3/4"	at 0'-5" Incr.	3'-9 3/4"										
*5VE3	5	STR		Vert.	14	1'-11"	28		1'-11"												
*4VE4	4	52	0'-3 1/8"	Vert.	24	2'-3"	36	1'-3"	1'-0"	0'-8 1/2"	0'-8 3/4"										
*5VE5	5	S4	0'-3 3/4"	Stirrups	20	6'-5 1/2"	135	0'-10"	2'-0"	0'-9 1/4"	2'-0"	0'-10"									
*5VE6	5	1031	0'-3 3/4"	Trans.	10	14'-9 1/2"	154	0'-2 1/2"	6'-2 3/4"	0'-10"	6'-0 1/2"	0'-2 1/2"	0'-9 3/4"	0'-10"	0'-10"	0'-10"	0'-10"				
*5VE7	5	338	0'-3 3/4"	Trans.	10	8'-11"	93	6'-1 3/4"	1'-11 1/2"	0'-10"	0'-2 1/2"	0'-10"									
SUBTOTAL							892	LBS													



STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R69

U.S. DEPARTMENT OF TRANSPORTATION
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 EASTERN FEDERAL LANDS HIGHWAY DIVISION

BLUE RIDGE PARKWAY

BRIDGE OVER I-26

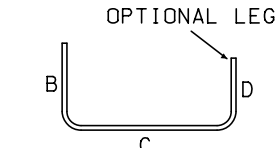
SEGMENT 1-11D
 BAR LIST - 1

NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC	CC	LE	No Scale	George Choubah	69 of 228	December 2018	BRP-1265

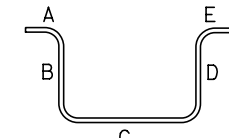
ACTUAL FILE:R70_BLR1_I26_SEGMENT 1-11D BAR LIST - 2.DGN

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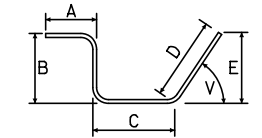
REINFORCING STEEL SCHEDULE				DIMENSION TABLE																	
TOP SLAB BLISTER BAR LIST																					
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N	
*6TE1	6	17	0'-4 1/2"	Longitudinal	10	10'-8"	160		9'-8"	1'-0"											
*5TE2	5	753	0'-3 3/4"	Longitudinal	6	12'-11"	81	0'-10"	2'-8 3/4"	5'-7"	2'-10"	0'-11"	2'-8 3/4"								72°
*5TE3	5	17	0'-3 3/4"	Horiz.	2	9'-3 1/2"	19		5'-7 1/4"	3'-8 1/4"											
*5TE4	5	17	0'-3 3/4"	Horiz.	2	9'-6"	20		5'-9 1/2"	3'-8 3/4"											
*5TE5	5	S4	0'-3 3/4"	Stirrups	12	8'-7 1/2"	108	0'-10"	2'-9 1/4"	1'-4 3/4"	2'-9 1/4"	0'-10"									
*5TE6	5	79	0'-3 3/4"	Stirrups	26	8'-3 1/2"	225	0'-10"	2'-9 1/4"	3'-9 3/4"	0'-10 1/2"	0'-10 1/4"									76°
*5TE7	5	S4	0'-3 3/4"	Stirrups	2	4'-10"	10	0'-10"	1'-0 3/4"	1'-0 1/2"	1'-0 3/4"	0'-10"									
*5TE8	5	S4	0'-3 3/4"	Stirrups	2	4'-11"	10	0'-10"	1'-1 1/4"	1'-0 1/2"	1'-1 1/4"	0'-10"									
*5TE9	5	S4	0'-3 3/4"	Stirrups	2	5'-0 1/2"	11	0'-10"	1'-2"	1'-0 1/2"	1'-2"	0'-10"									
*5TE10	5	S4	0'-3 3/4"	Stirrups	2	5'-3"	11	0'-10"	1'-3 1/4"	1'-0 1/2"	1'-3 1/4"	0'-10"									
*5TE11	5	S4	0'-3 3/4"	Stirrups	2	5'-6"	11	0'-10"	1'-4 3/4"	1'-0 1/2"	1'-4 3/4"	0'-10"									
*5TE12	5	S4	0'-3 3/4"	Stirrups	2	5'-9"	12	0'-10"	1'-6 1/4"	1'-0 1/2"	1'-6 1/4"	0'-10"									
*5TE13	5	S4	0'-3 3/4"	Stirrups	2	6'-1"	13	0'-10"	1'-8 1/4"	1'-0 1/2"	1'-8 1/4"	0'-10"									
*5TE14	5	S4	0'-3 3/4"	Stirrups	2	6'-3 1/2"	13	0'-10"	1'-9 1/2"	1'-0 1/2"	1'-9 1/2"	0'-10"									
*5TE15	5	S4	0'-3 3/4"	Stirrups	2	6'-6 1/2"	14	0'-10"	1'-11"	1'-0 1/2"	1'-11"	0'-10"									
*5TE16	5	S4	0'-3 3/4"	Stirrups	2	6'-9"	14	0'-10"	2'-0 1/4"	1'-0 1/2"	2'-0 1/4"	0'-10"									
*5TE17	5	S4	0'-3 3/4"	Stirrups	2	6'-11 1/2"	15	0'-10"	2'-1 1/2"	1'-0 1/2"	2'-1 1/2"	0'-10"									
*5TE18	5	S4	0'-3 3/4"	Stirrups	2	7'-2"	15	0'-10"	2'-2 3/4"	1'-0 1/2"	2'-2 3/4"	0'-10"									
*5TE19	5	S4	0'-3 3/4"	Stirrups	2	7'-4 1/2"	15	0'-10"	2'-4"	1'-0 1/2"	2'-4"	0'-10"									
*5TE20	5	S4	0'-3 3/4"	Stirrups	2	7'-7 1/2"	16	0'-10"	2'-5 1/2"	1'-0 1/2"	2'-5 1/2"	0'-10"									
SUBTOTAL							793	LBS													



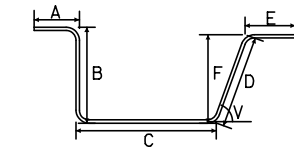
TYPE 17



S4



TYPE 79

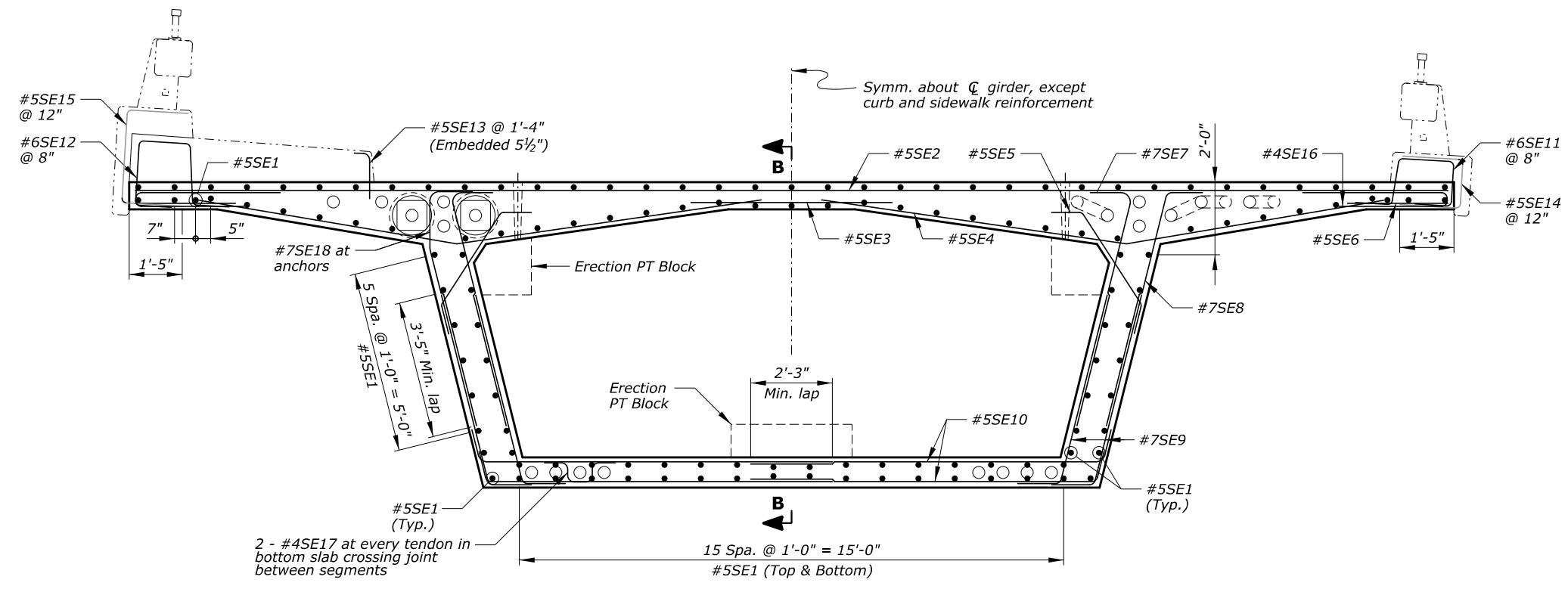


753

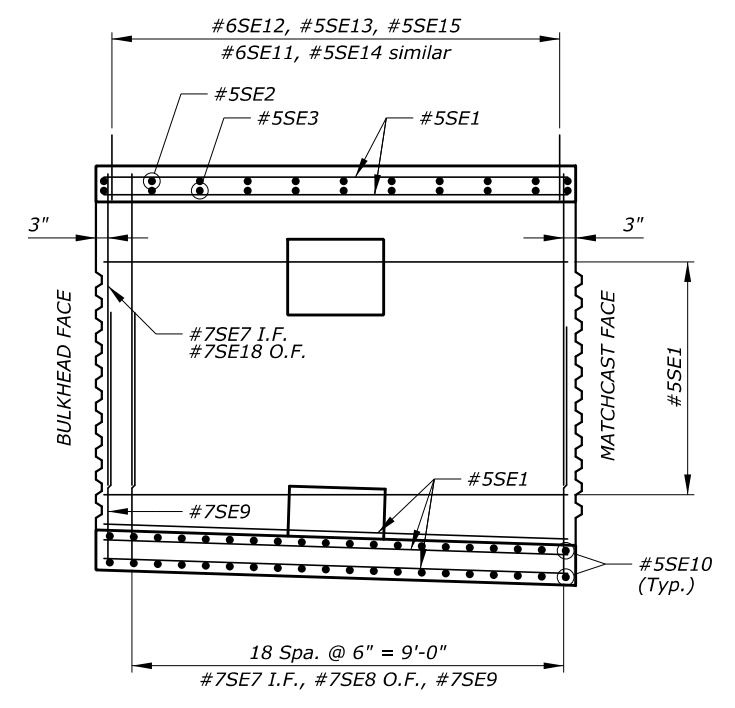
U.S. DEPARTMENT OF TRANSPORTATION
 FEDERAL HIGHWAY ADMINISTRATION
 EASTERN FEDERAL LANDS HIGHWAY DIVISION
 BLUE RIDGE PARKWAY
 BRIDGE OVER I-26
 SEGMENT 1-11D
 BAR LIST - 2

NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC	CC	LE	No Scale	George Choubah	70 of 228	December 2018	BRP-1265

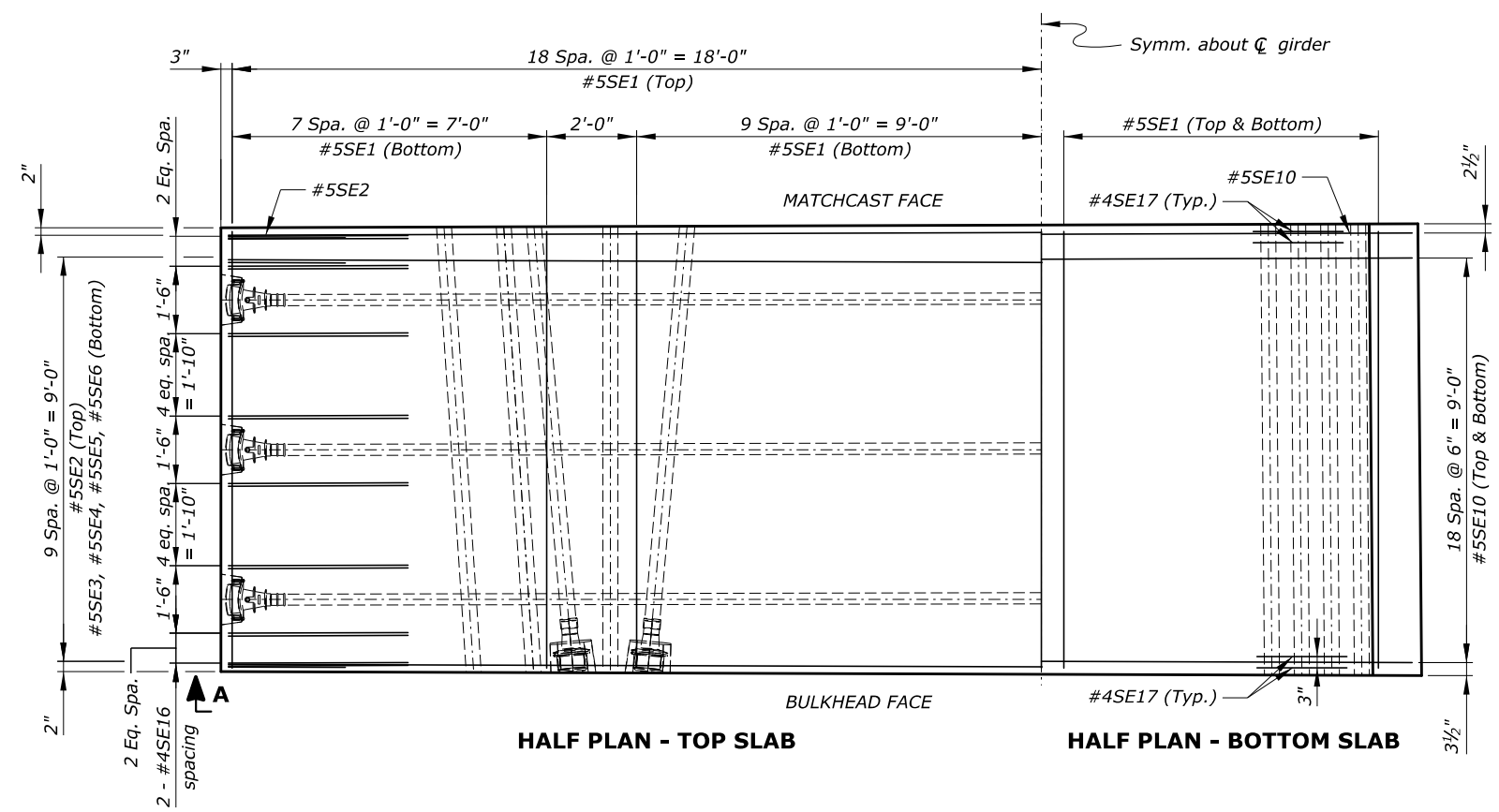
STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R71



SECTION A-A
Looking upstation



SECTION B-B



HALF PLAN - TOP SLAB

HALF PLAN - BOTTOM SLAB

Notes:

1. Minimum concrete cover is 2 1/2" at top face of deck, and 1 1/2" at all other faces, unless otherwise noted.
2. Adjust slightly the location of reinforcement to avoid conflict with post-tensioning ducts.
3. For information on reinforcement in erection post-tensioning anchor blocks, see "ERECTION ANCHOR BLOCK" sheet.

Key:

- e.f. = each face
- I.F. = inside face
- O.F. = outside face

U.S. DEPARTMENT OF TRANSPORTATION
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EASTERN FEDERAL LANDS HIGHWAY DIVISION

BLUE RIDGE PARKWAY

BRIDGE OVER I-26

SEGMENT 1-10D REINFORCEMENT

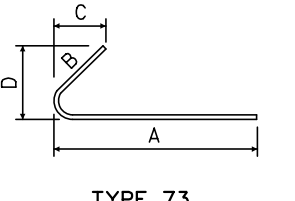
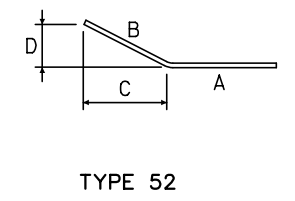
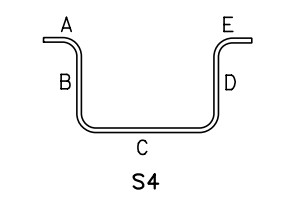
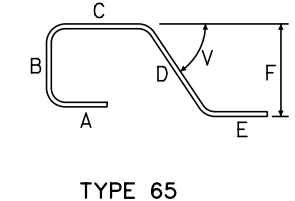
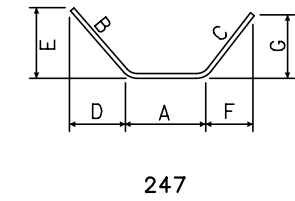
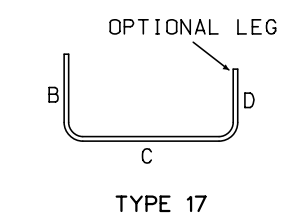
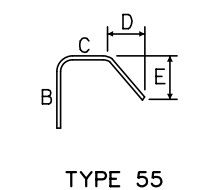
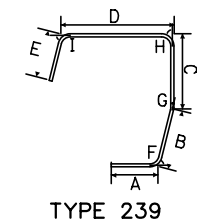
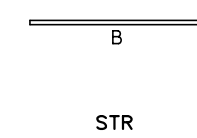
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC/CWN	BK/CC	HC	1/2" = 1'-0"	George Choubah	71 of 228	December 2018	BRP-1265

ACTUAL FILE:R72_BLR1_I26_SEGMENT 1-10D BAR LIST.DGN

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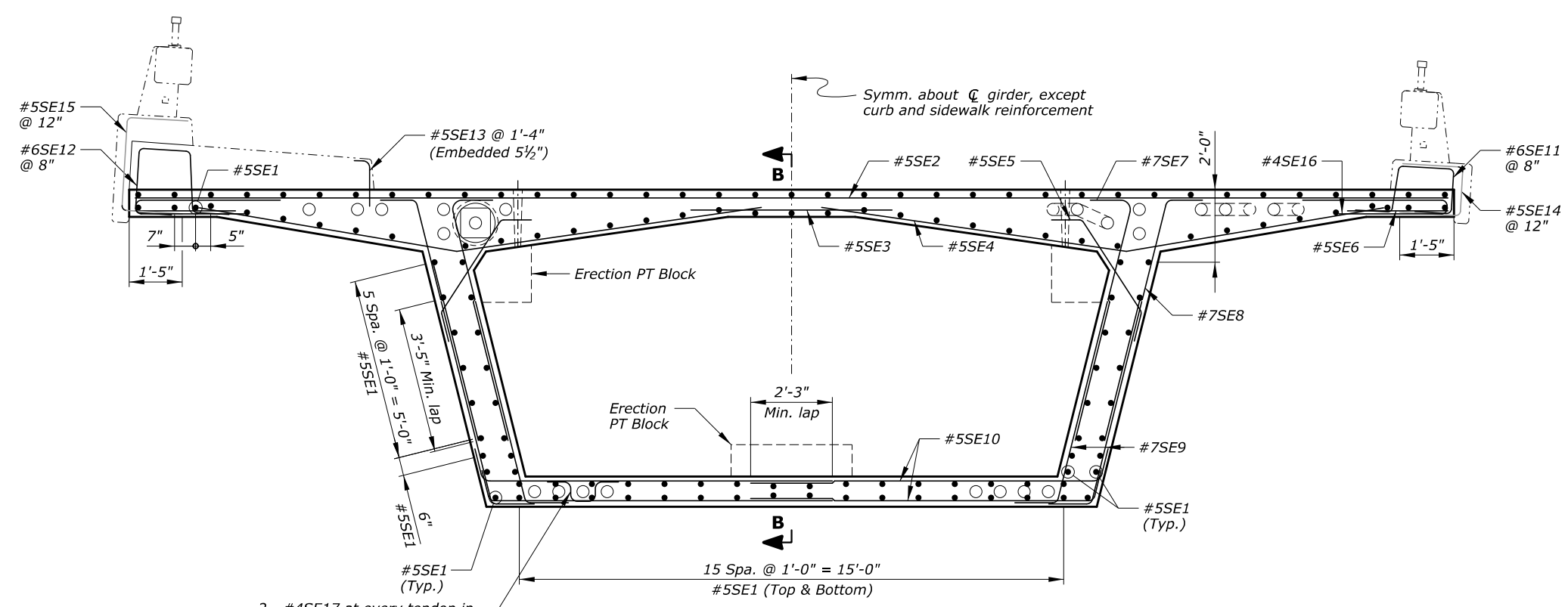
REINFORCING STEEL SCHEDULE				DIMENSION TABLE																
SEGMENT 1-10D BAR LIST																				
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N
*5SE1	5	STR		Longitudinal	136	9'-8"	1371		9'-8"											
*5SE2	5	STR		Trans. top	11	36'-2"	415		36'-2"											
*5SE3	5	STR		Trans. top	11	6'-0"	69		6'-0"											
*5SE4	5	52	0'-3 3/4"	Trans. top	22	16'-10"	386	9'-1"	7'-9"	7'-4 1/2"	2'-5"									
*5SE5	5	247	0'-3 3/4"	Trans. top	22	4'-7"	105	2'-10 1/4"	0'-10"	0'-10"	0'-6 3/4"	0'-7 3/4"	0'-5 1/2"	0'-8 3/4"						
*5SE6	5	STR		Trans. top	22	3'-3"	75		3'-3"											
*7SE7	7	73	0'-5 5/16"	Vert. i.f.	40	7'-9"	634	6'-7"	1'-2"	0'-3"	1'-2 1/2"									
*7SE8	7	52	0'-5 5/16"	Vert. o.f.	38	7'-10"	608	6'-7 3/4"	1'-2"	0'-3 1/2"	1'-1 3/4"									
*7SE9	7	52	0'-5 5/16"	Vert. e.f.	80	6'-6 1/2"	1070	5'-4 3/4"	1'-2"	0'-3 1/2"	1'-1 3/4"									
*5SE10	5	52	0'-3 3/4"	Trans. bot.	80	10'-3"	855	9'-4 3/4"	0'-10"	0'-2 1/2"	0'-10"									
*6SE11	6	65	0'-4 1/2"	Rail	15	6'-1 1/2"	138	1'-0"	1'-4"	1'-4 1/4"	1'-5 1/4"	1'-0"	1'-5"							77°
*6SE12	6	65	0'-4 1/2"	Rail	15	6'-10"	154	1'-0"	1'-8 1/2"	1'-6"	1'-7 1/4"	1'-0"	1'-7 1/4"							84°
*5SE13	5	17	0'-3 3/4"	Rail	8	1'-8"	14		1'-3"	0'-5"										
*5SE14	5	17	0'-3 3/4"	Rail	10	5'-1 1/2"	53		1'-10 1/2"	1'-4 1/4"	1'-10 1/2"									
*5SE15	5	17	0'-3 3/4"	Rail	10	6'-2"	64		1'-10 1/4"	2'-5 1/2"	1'-10 1/4"									
*4SE16	4	17	0'-3 1/8"	Trans. top	64	7'-5"	317		4'-0"	0'-5"	3'-0"									
*4SE17	4	S4	0'-3 1/8"	Trans. bot.	32	3'-2 1/2"	69	0'-8"	0'-7"	0'-8 1/2"	0'-7"	0'-8"								
*7SE18	7	55	0'-5 5/16"	Vert. o.f.	2	7'-9"	32		1'-2"	2'-0"	4'-5 3/4"	1'-2 1/4"								
SUBTOTAL							6429	LBS												
ERECTION ANCHOR BLOCK BAR LIST																				
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N
*6DE1	6	S4	0'-4 1/2"	Trans. bot.	6	8'-2 1/2"	74	1'-0"	1'-6 3/4"	3'-1"	1'-6 3/4"	1'-0"								
*6DE2	6	S4	0'-4 1/2"	Long. bot.	6	6'-11"	62	1'-0"	1'-7"	1'-9"	1'-7"	1'-0"								
*6DE3	6	239	0'-4 1/2"	Trans. top	12	7'-3"	131	1'-0"	2'-5 1/4"	1'-6 3/4"	1'-2 3/4"	1'-0"	76°	90°	14°					
*6DE4	6	S4	0'-4 1/2"	Stirrups	2	8'-3 1/2"	25	1'-0"	2'-4"	1'-7 1/2"	2'-4"	1'-0"								
*6DE5	6	S4	0'-4 1/2"	Stirrups	2	8'-6 1/2"	26	1'-0"	2'-5 1/2"	1'-7 1/2"	2'-5 1/2"	1'-0"								
*6DE6	6	S4	0'-4 1/2"	Stirrups	2	8'-10"	27	1'-0"	2'-7 1/4"	1'-7 1/2"	2'-7 1/4"	1'-0"								
*6DE7	6	S4	0'-4 1/2"	Long. top	4	8'-11"	54	1'-0"	2'-7 3/4"	1'-7 1/2"	2'-7 3/4"	1'-0"								
SUBTOTAL							398	LBS												



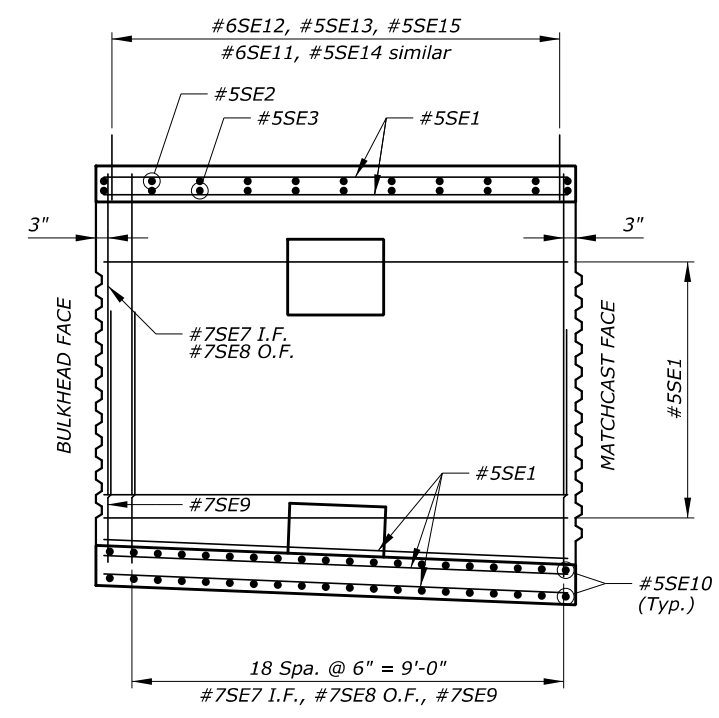
U.S. DEPARTMENT OF TRANSPORTATION
 FEDERAL HIGHWAY ADMINISTRATION
 EASTERN FEDERAL LANDS HIGHWAY DIVISION
 BLUE RIDGE PARKWAY
 BRIDGE OVER I-26
 SEGMENT 1-10D
 BAR LIST

NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC	CC	LE	No Scale	George Choubah	72 of 228	December 2018	BRP-1265

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R73



SECTION A-A
Looking upstation



SECTION B-B

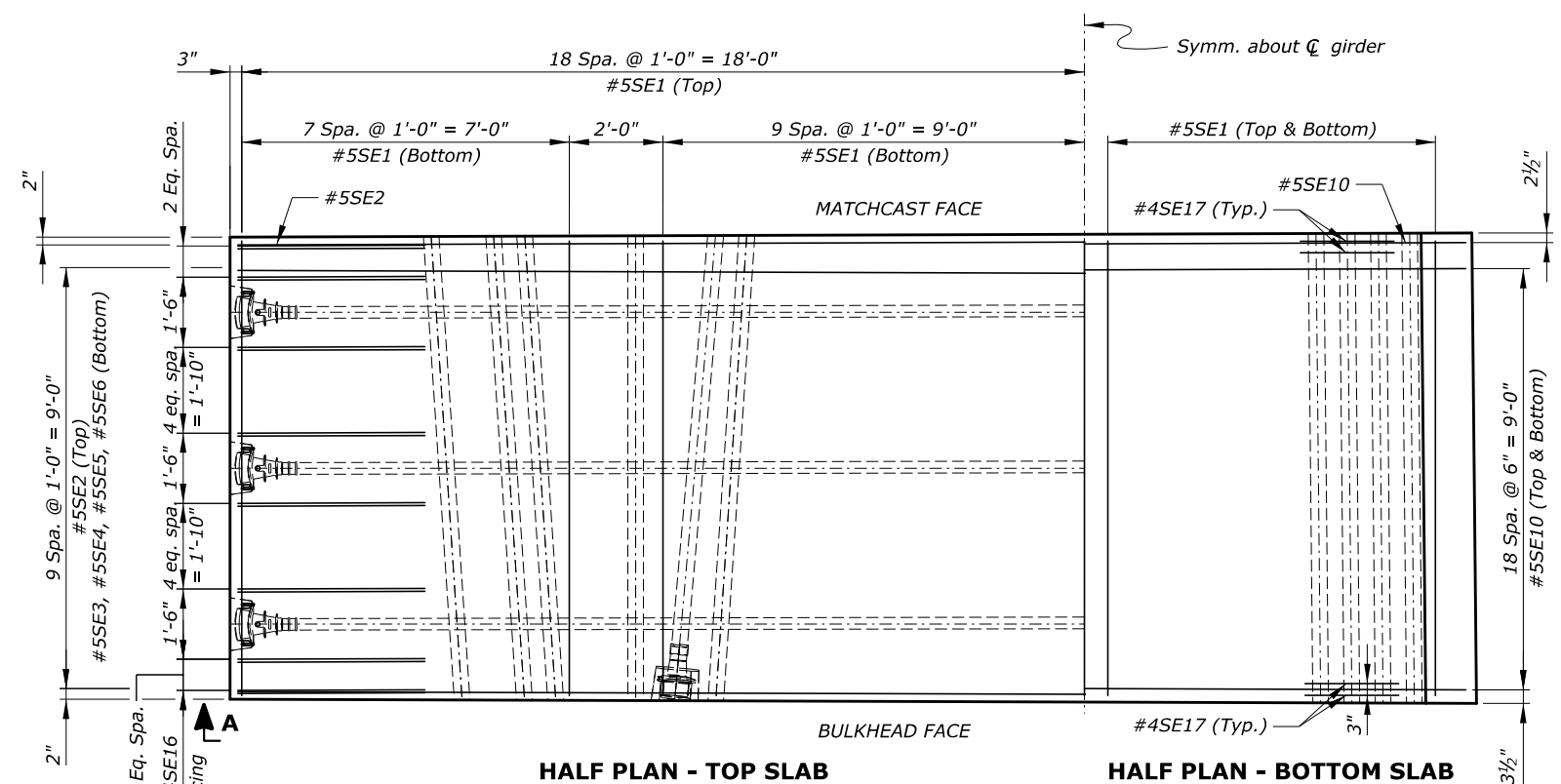
2 - #4SE17 at every tendon in bottom slab crossing joint between segments

Notes:

1. Minimum concrete cover is 2½" at top face of deck, and 1½" at all other faces, unless otherwise noted.
2. Adjust slightly the location of reinforcement to avoid conflict with post-tensioning ducts.
3. For information on reinforcement in erection post-tensioning anchor blocks, see "ERECTION ANCHOR BLOCK" sheet.

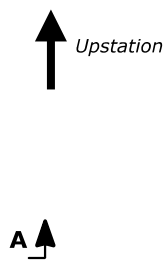
Key:

- e.f. = each face
- I.F. = inside face
- O.F. = outside face



HALF PLAN - TOP SLAB

HALF PLAN - BOTTOM SLAB



U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
EASTERN FEDERAL LANDS HIGHWAY DIVISION

BLUE RIDGE PARKWAY

BRIDGE OVER I-26

SEGMENT 1-9D REINFORCEMENT

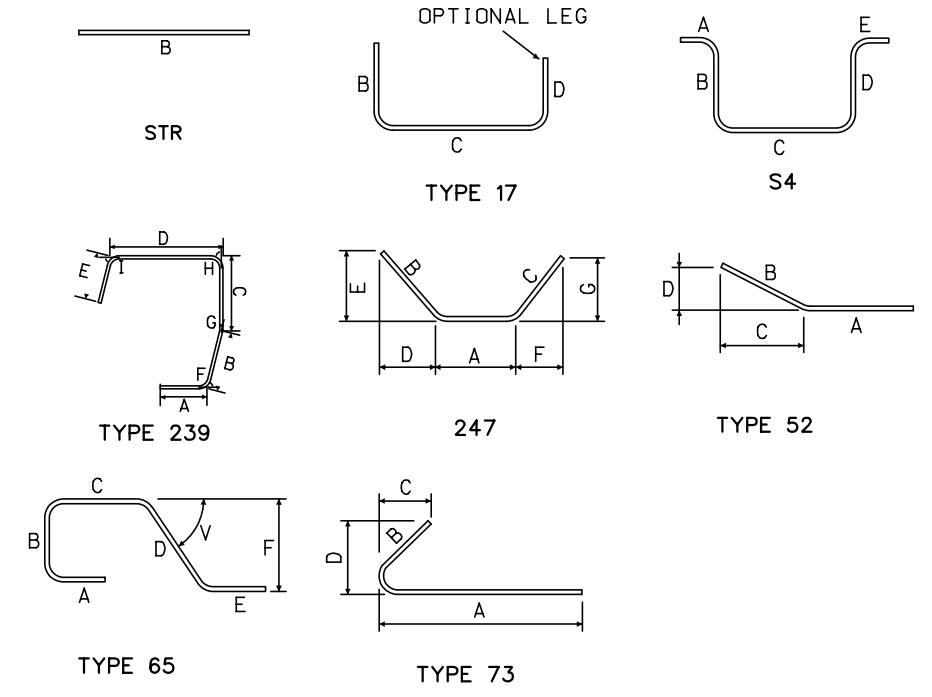
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC/CWN	BK/CC	HC	½" = 1'-0"	George Choubah	73 of 228	December 2018	BRP-1265

ACTUAL FILE:R74_BLR1_I26_SEGMENT 1-9D BAR LIST.DGN

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REINFORCING STEEL SCHEDULE				DIMENSION TABLE																
SEGMENT 1-9D BAR LIST																				
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N
*5SE1	5	STR		Longitudinal	140	9'-8"	1412		9'-8"											
*5SE2	5	STR		Trans. top	11	36'-2"	415		36'-2"											
*5SE3	5	STR		Trans. top	11	6'-0"	69		6'-0"											
*5SE4	5	52	0'-3 3/4"	Trans. top	22	16'-10"	386	9'-1"	7'-9"	7'-4 1/2"	2'-5"									
*5SE5	5	247	0'-3 3/4"	Trans. top	22	4'-7"	105	2'-10 1/4"	0'-10"	0'-10"	0'-6 3/4"	0'-7 3/4"	0'-5 1/2"	0'-8 3/4"						
*5SE6	5	STR		Trans. top	22	3'-3"	75		3'-3"											
*7SE7	7	73	0'-5 5/16"	Vert. i.f.	40	7'-9 1/2"	637	6'-7 1/2"	1'-2"	0'-3"	1'-2 1/2"									
*7SE8	7	52	0'-5 5/16"	Vert. o.f.	40	7'-10 1/2"	644	6'-8 1/4"	1'-2"	0'-3 1/2"	1'-1 3/4"									
*7SE9	7	52	0'-5 5/16"	Vert. e.f.	80	6'-11 1/2"	1138	5'-9 1/4"	1'-2"	0'-3 1/2"	1'-1 3/4"									
*5SE10	5	52	0'-3 3/4"	Trans. bot.	80	10'-2"	848	9'-3 3/4"	0'-10"	0'-2 1/2"	0'-10"									
*6SE11	6	65	0'-4 1/2"	Rail	15	6'-1 1/2"	138	1'-0"	1'-4"	1'-4 1/4"	1'-5 1/4"	1'-0"	1'-5"							77°
*6SE12	6	65	0'-4 1/2"	Rail	15	6'-10"	154	1'-0"	1'-8 1/2"	1'-6"	1'-7 1/4"	1'-0"	1'-7 1/4"							84°
*5SE13	5	17	0'-3 3/4"	Rail	8	1'-8"	14		1'-3"	0'-5"										
*5SE14	5	17	0'-3 3/4"	Rail	10	5'-1 1/2"	53		1'-10 1/2"	1'-4 1/4"	1'-10 1/2"									
*5SE15	5	17	0'-3 3/4"	Rail	10	6'-2"	64		1'-10 1/4"	2'-5 1/2"	1'-10 1/4"									
*4SE16	4	17	0'-3 1/8"	Trans. top	64	7'-5"	317		4'-0"	0'-5"	3'-0"									
*4SE17	4	S4	0'-3 1/8"	Trans. bot.	32	3'-2 1/2"	69	0'-8"	0'-7"	0'-8 1/2"	0'-7"	0'-8"								
SUBTOTAL							6538	LBS												
ERECTION ANCHOR BLOCK BAR LIST																				
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N
*6DE1	6	S4	0'-4 1/2"	Trans. bot.	6	8'-2 1/2"	74	1'-0"	1'-6 3/4"	3'-1"	1'-6 3/4"	1'-0"								
*6DE2	6	S4	0'-4 1/2"	Long. bot.	6	6'-11"	62	1'-0"	1'-7"	1'-9"	1'-7"	1'-0"								
*6DE3	6	239	0'-4 1/2"	Trans. top	12	7'-3"	131	1'-0"	2'-5 1/4"	1'-6 3/4"	1'-2 3/4"	1'-0"	76°	90°	14°					
*6DE4	6	S4	0'-4 1/2"	Stirrups	2	8'-3 1/2"	25	1'-0"	2'-4"	1'-7 1/2"	2'-4"	1'-0"								
*6DE5	6	S4	0'-4 1/2"	Stirrups	2	8'-6 1/2"	26	1'-0"	2'-5 1/2"	1'-7 1/2"	2'-5 1/2"	1'-0"								
*6DE6	6	S4	0'-4 1/2"	Stirrups	2	8'-10"	27	1'-0"	2'-7 1/4"	1'-7 1/2"	2'-7 1/4"	1'-0"								
*6DE7	6	S4	0'-4 1/2"	Long. top	4	8'-11"	54	1'-0"	2'-7 3/4"	1'-7 1/2"	2'-7 3/4"	1'-0"								
SUBTOTAL							398	LBS												



STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R74

U.S. DEPARTMENT OF TRANSPORTATION
 FEDERAL HIGHWAY ADMINISTRATION
 EASTERN FEDERAL LANDS HIGHWAY DIVISION

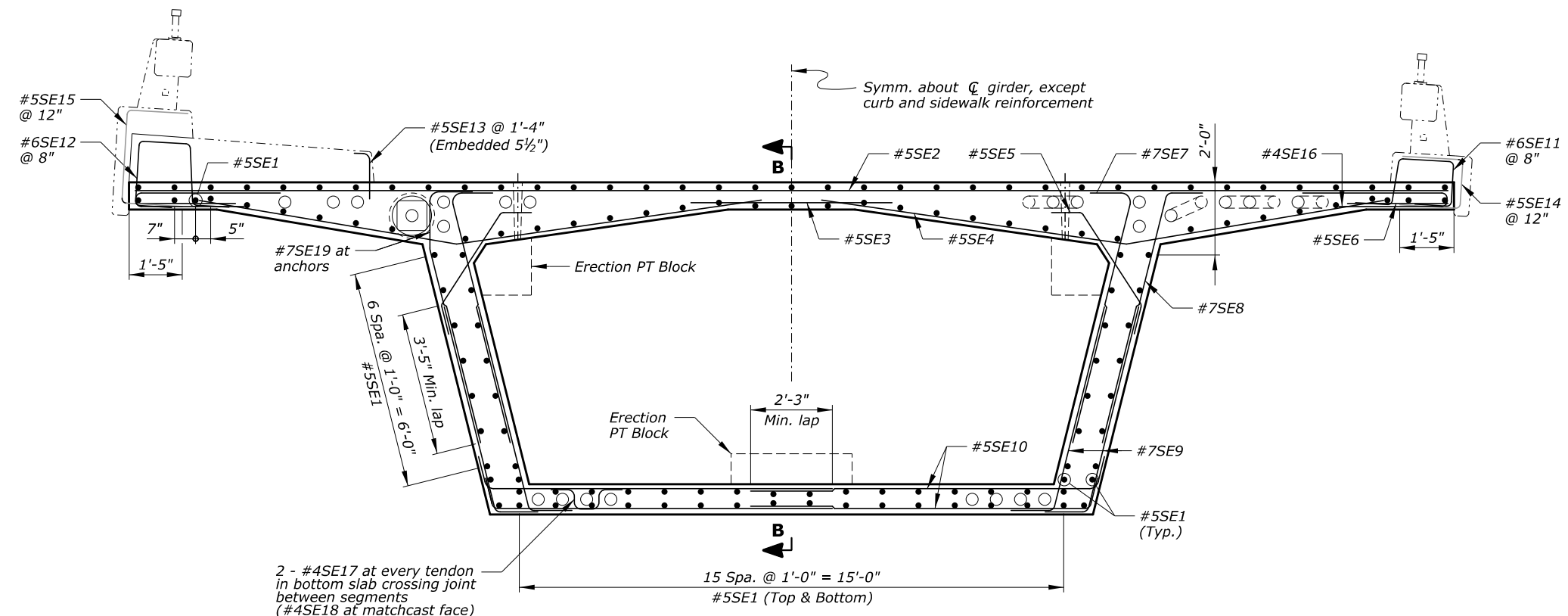
BLUE RIDGE PARKWAY

BRIDGE OVER I-26

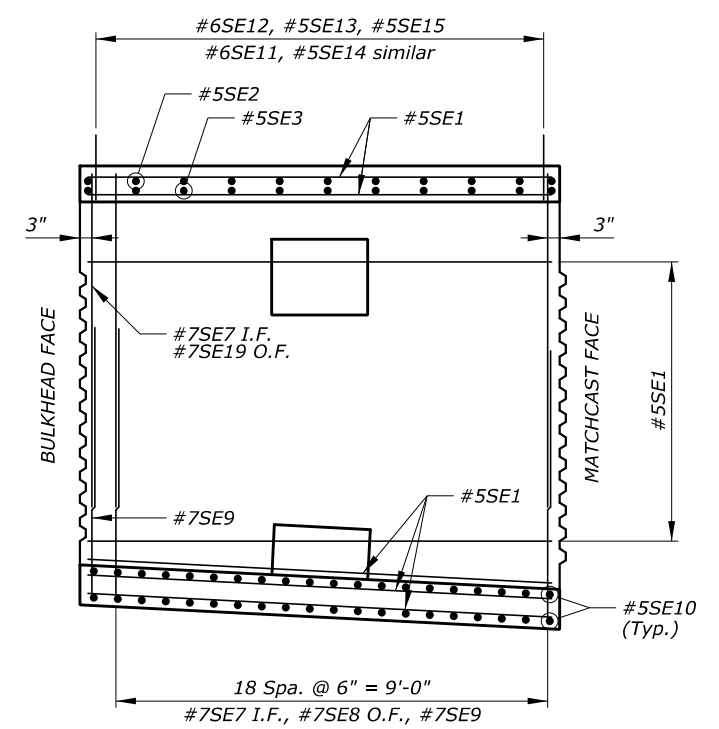
SEGMENT 1-9D
 BAR LIST

NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC	CC	LE	No Scale	George Choubah	74 of 228	December 2018	BRP-1265

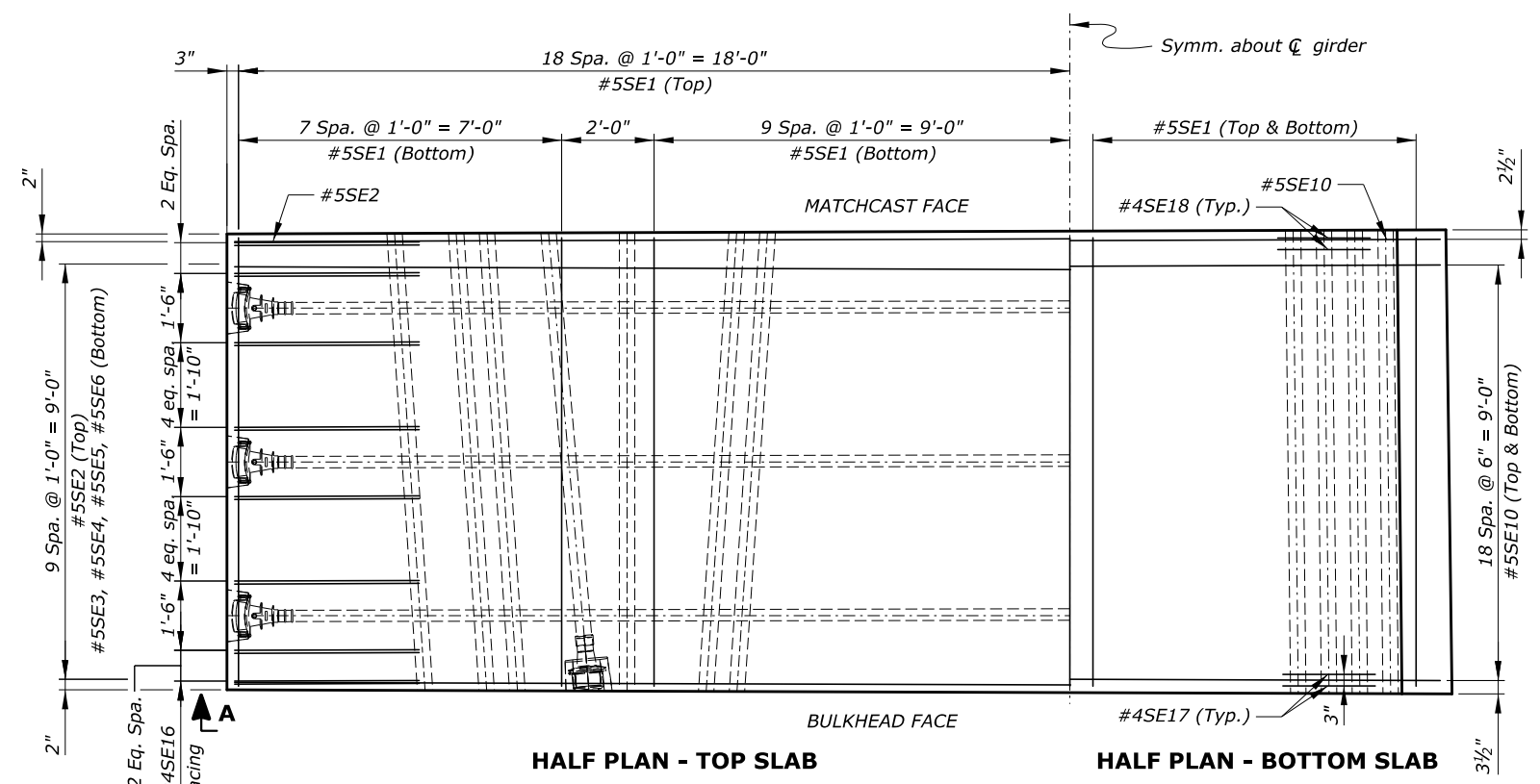
STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R75



SECTION A-A
Looking upstation



SECTION B-B



HALF PLAN - TOP SLAB

HALF PLAN - BOTTOM SLAB

Notes:

1. Minimum concrete cover is 2½" at top face of deck, and 1½" at all other faces, unless otherwise noted.
2. Adjust slightly the location of reinforcement to avoid conflict with post-tensioning ducts.
3. For information on reinforcement in erection post-tensioning anchor blocks, see "ERECTION ANCHOR BLOCK" sheet.

Key:

- e.f. = each face
- I.F. = inside face
- O.F. = outside face

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
EASTERN FEDERAL LANDS HIGHWAY DIVISION

BLUE RIDGE PARKWAY

BRIDGE OVER I-26

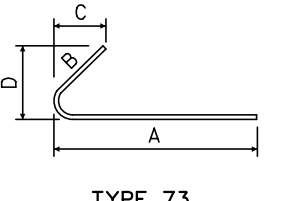
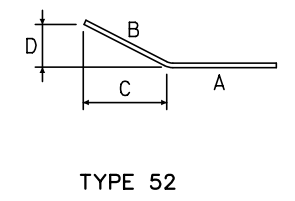
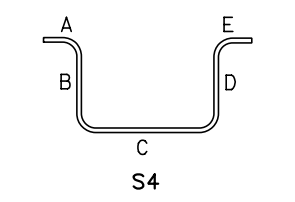
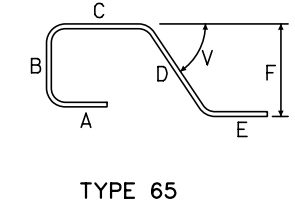
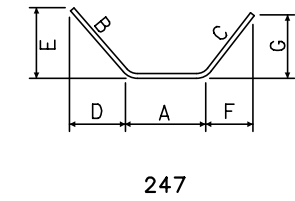
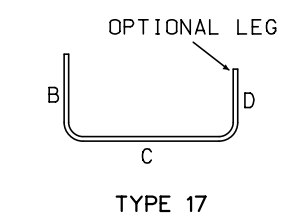
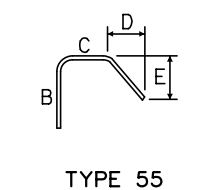
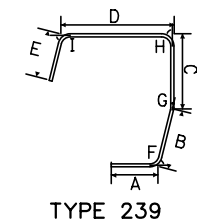
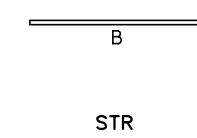
SEGMENT 1-8D REINFORCEMENT

NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC/CWN	BK/CC	HC	½" = 1'-0"	George Choubah	75 of 228	December 2018	BRP-1265

ACTUAL FILE:R76_BLR1_I26_SEGMENT 1-8D BAR LIST.DGN

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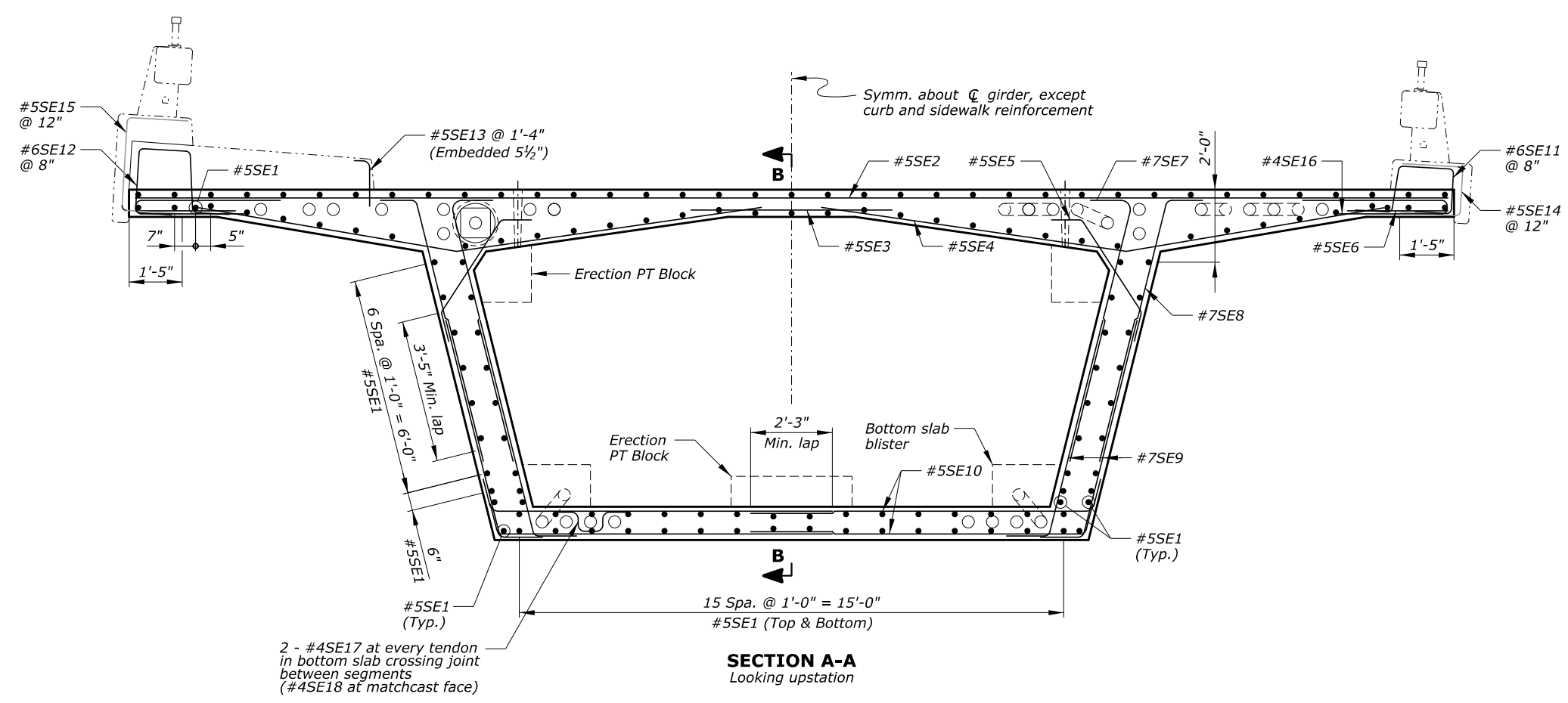
REINFORCING STEEL SCHEDULE				DIMENSION TABLE																
SEGMENT 1-8D BAR LIST																				
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N
*5SE1	5	STR		Longitudinal	140	9'-8"	1412		9'-8"											
*5SE2	5	STR		Trans. top	11	36'-2"	415		36'-2"											
*5SE3	5	STR		Trans. top	11	6'-0"	69		6'-0"											
*5SE4	5	52	0'-3 3/4"	Trans. top	22	16'-10"	386	9'-1"	7'-9"	7'-4 1/2"	2'-5"									
*5SE5	5	247	0'-3 3/4"	Trans. top	22	4'-7"	105	2'-10 1/4"	0'-10"	0'-10"	0'-6 3/4"	0'-7 3/4"	0'-5 1/2"	0'-8 3/4"						
*5SE6	5	STR		Trans. top	22	3'-3"	75		3'-3"											
*7SE7	7	73	0'-5 5/16"	Vert. i.f.	40	8'-3"	675	7'-1"	1'-2"	0'-3"	1'-2 1/2"									
*7SE8	7	52	0'-5 5/16"	Vert. o.f.	38	8'-3 1/2"	644	7'-1 3/4"	1'-2"	0'-3 1/2"	1'-1 3/4"									
*7SE9	7	52	0'-5 5/16"	Vert. e.f.	80	7'-0"	1145	5'-10"	1'-2"	0'-3 1/2"	1'-1 3/4"									
*5SE10	5	52	0'-3 3/4"	Trans. bot.	80	10'-0 1/2"	838	9'-2 1/2"	0'-10"	0'-2 1/2"	0'-10"									
*6SE11	6	65	0'-4 1/2"	Rail	15	6'-1 1/2"	138	1'-0"	1'-4"	1'-4 1/4"	1'-5 1/4"	1'-0"	1'-5"							77°
*6SE12	6	65	0'-4 1/2"	Rail	15	6'-10"	154	1'-0"	1'-8 1/2"	1'-6"	1'-7 1/4"	1'-0"	1'-7 1/4"							84°
*5SE13	5	17	0'-3 3/4"	Rail	8	1'-8"	14		1'-3"	0'-5"										
*5SE14	5	17	0'-3 3/4"	Rail	10	5'-1 1/2"	53		1'-10 1/2"	1'-4 1/4"	1'-10 1/2"									
*5SE15	5	17	0'-3 3/4"	Rail	10	6'-2"	64		1'-10 1/4"	2'-5 1/2"	1'-10 1/4"									
*4SE16	4	17	0'-3 1/8"	Trans. top	64	7'-5"	317		4'-0"	0'-5"	3'-0"									
*4SE17	4	S4	0'-3 1/8"	Trans. bot.	16	3'-2 1/2"	34	0'-8"	0'-7"	0'-8 1/2"	0'-7"	0'-8"								
*4SE18	4	S4	0'-3 1/8"	Trans. bot.	16	3'-4 1/2"	36	0'-8"	0'-8"	0'-8 1/2"	0'-8"	0'-8"								
*7SE19	7	55	0'-5 5/16"	Vert. o.f.	2	8'-3"	34		1'-2"	2'-0"	4'-11 3/4"	1'-3 3/4"								
SUBTOTAL							6607 LBS													
ERECTION ANCHOR BLOCK BAR LIST																				
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N
*6DE1	6	S4	0'-4 1/2"	Trans. bot.	6	8'-2 1/2"	74	1'-0"	1'-6 3/4"	3'-1"	1'-6 3/4"	1'-0"								
*6DE2	6	S4	0'-4 1/2"	Long. bot.	6	6'-11"	62	1'-0"	1'-7"	1'-9"	1'-7"	1'-0"								
*6DE3	6	239	0'-4 1/2"	Trans. top	12	7'-3"	131	1'-0"	2'-5 1/4"	1'-6 3/4"	1'-2 3/4"	1'-0"	76°	90°	14°					
*6DE4	6	S4	0'-4 1/2"	Stirrups	2	8'-3 1/2"	25	1'-0"	2'-4"	1'-7 1/2"	2'-4"	1'-0"								
*6DE5	6	S4	0'-4 1/2"	Stirrups	2	8'-6 1/2"	26	1'-0"	2'-5 1/2"	1'-7 1/2"	2'-5 1/2"	1'-0"								
*6DE6	6	S4	0'-4 1/2"	Stirrups	2	8'-10"	27	1'-0"	2'-7 1/4"	1'-7 1/2"	2'-7 1/4"	1'-0"								
*6DE7	6	S4	0'-4 1/2"	Long. top	4	8'-11"	54	1'-0"	2'-7 3/4"	1'-7 1/2"	2'-7 3/4"	1'-0"								
SUBTOTAL							398 LBS													



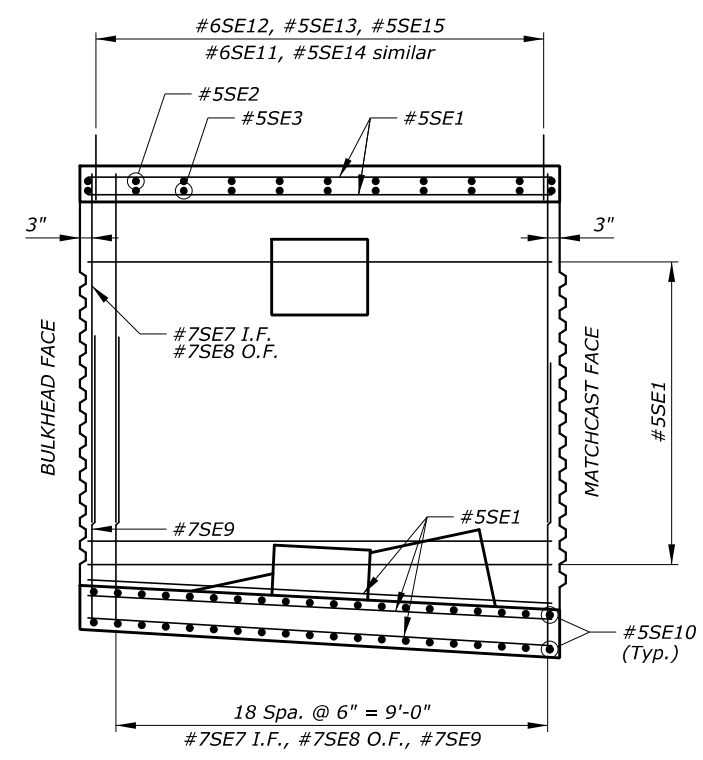
U.S. DEPARTMENT OF TRANSPORTATION
 FEDERAL HIGHWAY ADMINISTRATION
 EASTERN FEDERAL LANDS HIGHWAY DIVISION
 BLUE RIDGE PARKWAY
 BRIDGE OVER I-26
 SEGMENT 1-8D
 BAR LIST

NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC	CC	LE	No Scale	George Choubah	76 of 228	December 2018	BRP-1265

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R77

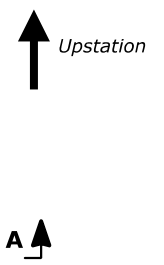
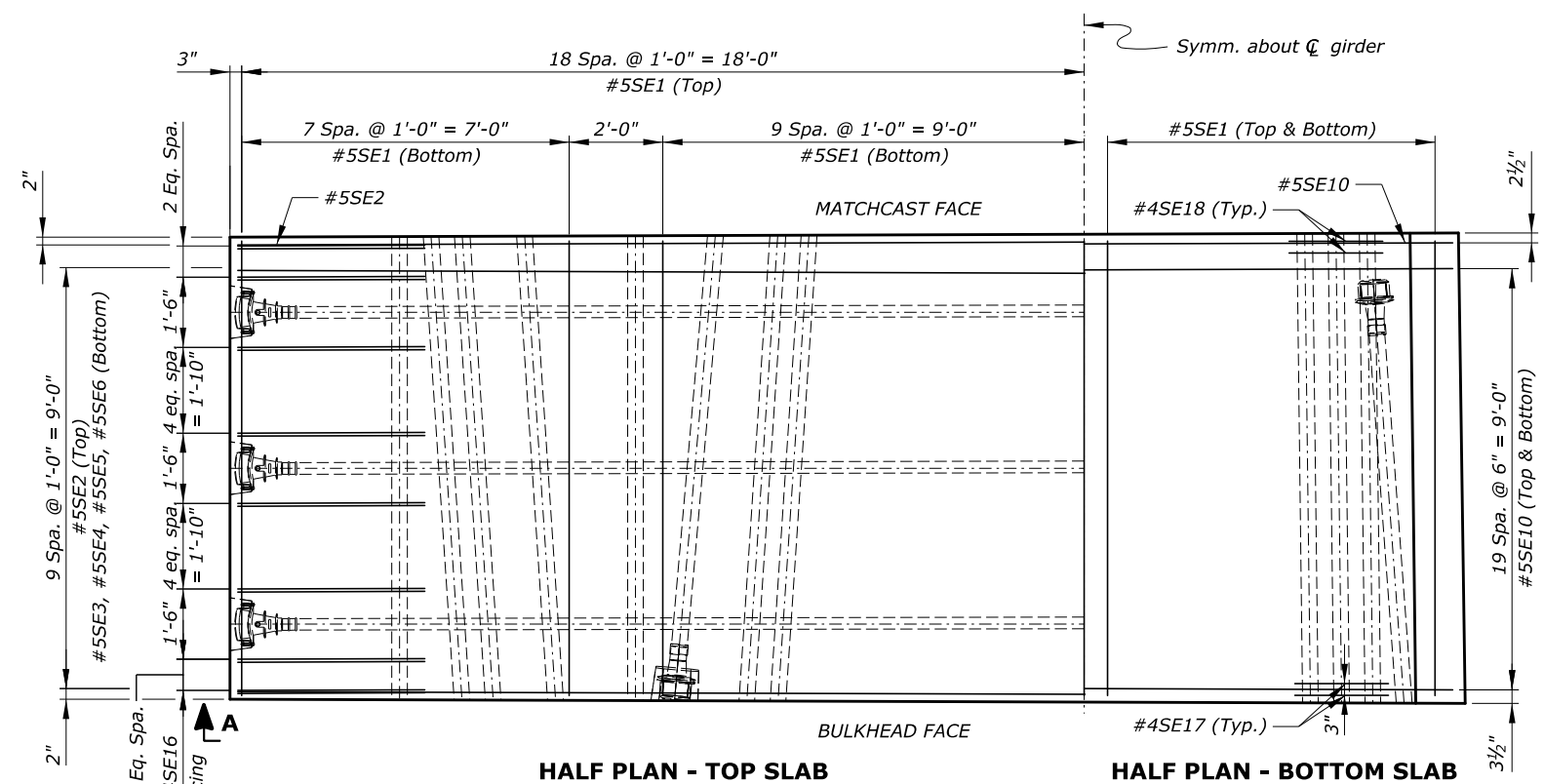


2 - #4SE17 at every tendon in bottom slab crossing joint between segments (#4SE18 at matchcast face)



- Notes:
1. Minimum concrete cover is 2 1/2" at top face of deck, and 1 1/2" at all other faces, unless otherwise noted.
 2. Adjust slightly the location of reinforcement to avoid conflict with post-tensioning ducts.
 3. For information on reinforcement in erection post-tensioning anchor blocks, see "ERECTION ANCHOR BLOCK" sheet.
 4. For information on reinforcement in the bottom slab blister, see "BOTTOM SLAB BLISTER" sheet.

Key:
 e.f. = each face
 I.F. = inside face
 O.F. = outside face



U.S. DEPARTMENT OF TRANSPORTATION
 FEDERAL HIGHWAY ADMINISTRATION
 EASTERN FEDERAL LANDS HIGHWAY DIVISION
 BLUE RIDGE PARKWAY
 BRIDGE OVER I-26
 SEGMENT 1-7D REINFORCEMENT

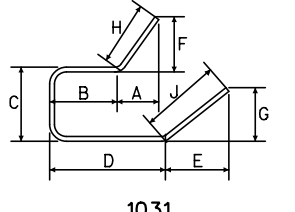
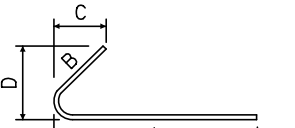
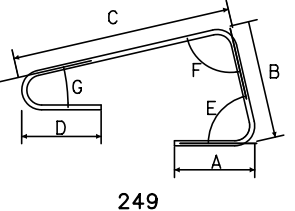
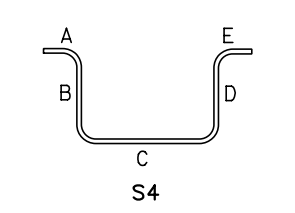
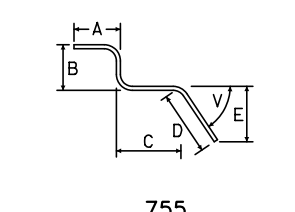
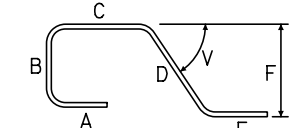
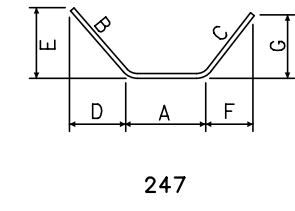
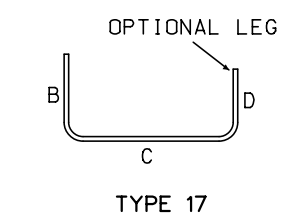
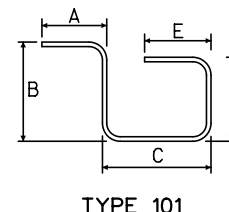
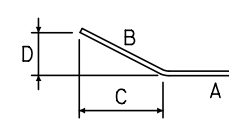
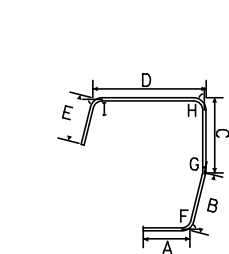
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								CC/CWN	BK/CC	HC	1/2" = 1'-0"	George Choubah	77 of 228	December 2018	BRP-1265

ACTUAL FILE:R78_BLR1_I26_SEGMENT 1-7D BAR LIST.DGN

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REINFORCING STEEL SCHEDULE				DIMENSION TABLE																
SEGMENT 1-7D BAR LIST																				
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N
*5SE1	5	STR		Longitudinal	144	9'-8"	1452		9'-8"											
*5SE2	5	STR		Trans. top	11	36'-2"	415		36'-2"											
*5SE3	5	STR		Trans. top	11	6'-0"	69		6'-0"											
*5SE4	5	52	0'-3 3/4"	Trans. top	22	16'-10"	386	9'-1"	7'-9"	7'-4 1/2"	2'-5"									
*5SE5	5	247	0'-3 3/4"	Trans. top	22	4'-7"	105	2'-10 1/4"	0'-10"	0'-10"	0'-6 3/4"	0'-7 3/4"	0'-5 1/2"	0'-8 3/4"						
*5SE6	5	STR		Trans. top	22	3'-3"	75		3'-3"											
*7SE7	7	73	0'-5 5/16"	Vert. i.f.	40	8'-6 1/2"	698	7'-4 1/4"	1'-2"	0'-3"	1'-2 1/2"									
*7SE8	7	52	0'-5 5/16"	Vert. o.f.	40	8'-7"	702	7'-5"	1'-2"	0'-3 1/2"	1'-1 3/4"									
*7SE9	7	52	0'-5 5/16"	Vert. e.f.	80	7'-4 1/2"	1206	6'-2 1/4"	1'-2"	0'-3 1/2"	1'-1 3/4"									
*5SE10	5	52	0'-3 3/4"	Trans. bot.	80	9'-11 1/2"	831	9'-1 1/4"	0'-10"	0'-2 1/2"	0'-9 3/4"									
*6SE11	6	65	0'-4 1/2"	Rail	15	6'-1 1/2"	138	1'-0"	1'-4"	1'-4 1/4"	1'-5 1/4"	1'-0"	1'-5"							77°
*6SE12	6	65	0'-4 1/2"	Rail	15	6'-10"	154	1'-0"	1'-8 1/2"	1'-6"	1'-7 1/4"	1'-0"	1'-7 1/4"							84°
*5SE13	5	17	0'-3 3/4"	Rail	8	1'-8"	14		1'-3"	0'-5"										
*5SE14	5	17	0'-3 3/4"	Rail	10	5'-1 1/2"	53		1'-10 1/2"	1'-4 1/4"	1'-10 1/2"									
*5SE15	5	17	0'-3 3/4"	Rail	10	6'-2"	64		1'-10 1/4"	2'-5 1/2"	1'-10 1/4"									
*4SE16	4	17	0'-3 1/8"	Trans. top	64	7'-5"	317		4'-0"	0'-5"	3'-0"									
*4SE17	4	S4	0'-3 1/8"	Trans. bot.	16	3'-4 1/2"	36	0'-8"	0'-8"	0'-8 1/2"	0'-8"	0'-8"								
*4SE18	4	S4	0'-3 1/8"	Trans. bot.	12	3'-6 1/2"	28	0'-8"	0'-9"	0'-8 1/2"	0'-9"	0'-8"								
SUBTOTAL							6744	LBS												
ERECTION ANCHOR BLOCK BAR LIST																				
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N
*6DE1	6	S4	0'-4 1/2"	Trans. bot.	6	8'-2 1/2"	74	1'-0"	1'-6 3/4"	3'-1"	1'-6 3/4"	1'-0"								
*6DE2	6	S4	0'-4 1/2"	Long. bot.	6	6'-11"	62	1'-0"	1'-7"	1'-9"	1'-7"	1'-0"								
*6DE3	6	239	0'-4 1/2"	Trans. top	12	7'-3"	131	1'-0"	2'-5 1/4"	1'-6 3/4"	1'-2 3/4"	1'-0"	76°	90°	14°					
*6DE4	6	S4	0'-4 1/2"	Stirrups	2	8'-3 1/2"	25	1'-0"	2'-4"	1'-7 1/2"	2'-4"	1'-0"								
*6DE5	6	S4	0'-4 1/2"	Stirrups	2	8'-6 1/2"	26	1'-0"	2'-5 1/2"	1'-7 1/2"	2'-5 1/2"	1'-0"								
*6DE6	6	S4	0'-4 1/2"	Stirrups	2	8'-10"	27	1'-0"	2'-7 1/4"	1'-7 1/2"	2'-7 1/4"	1'-0"								
*6DE7	6	S4	0'-4 1/2"	Long. top	4	8'-11"	54	1'-0"	2'-7 3/4"	1'-7 1/2"	2'-7 3/4"	1'-0"								
SUBTOTAL							398	LBS												
BOTTOM SLAB BLISTER BAR LIST																				
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N
*6LE1	6	17	0'-4 1/2"	Long. bot.	6	10'-3 1/2"	93		9'-8"	0'-7 1/2"										
*5LE2	5	249	0'-3 3/4"	Long. bot.	8	11'-4 1/2"	95	0'-10"	2'-1"	7'-7 1/4"	0'-10"	77°	90°	13°						
*5LE3	5	STR		Long. bot.	8	6'-10"	57		6'-10"											
*5LE4	5	STR		Long. bot.	8	4'-8"	39		4'-8"											
*6LE5	6	755	0'-4 1/2"	Trans. bot.	2	6'-8"	258	1'-0"	2'-6 1/4"	2'-1 3/4"	1'-0"	0'-11 3/4"								76°
					sets to of 15	5'-7 1/2" at 0'-1" Incr.			to to 2'-10 1/4" at 0'-0" at 0'-1" Incr.											
*6LE6	6	1031	0'-4 1/2"	Trans. bot.	6	8'-11 1/2"	81	0'-3"	2'-11"	1'-4 3/4"	2'-7"	0'-3"	1'-0"	1'-0"	1'-0"	1'-0"				
*6LE7	6	101	0'-4 1/2"	Trans. bot.	2	6'-6"	182	1'-0"	1'-7 1/4"	1'-3 3/4"	1'-7 1/4"	1'-0"								
					sets to of 12	4'-10" at 0'-2" Incr.			to to 0'-9 1/4" at 0'-1" Incr.			to to 0'-9 1/4" at 0'-1" Incr.								
SUBTOTAL							847	LBS												



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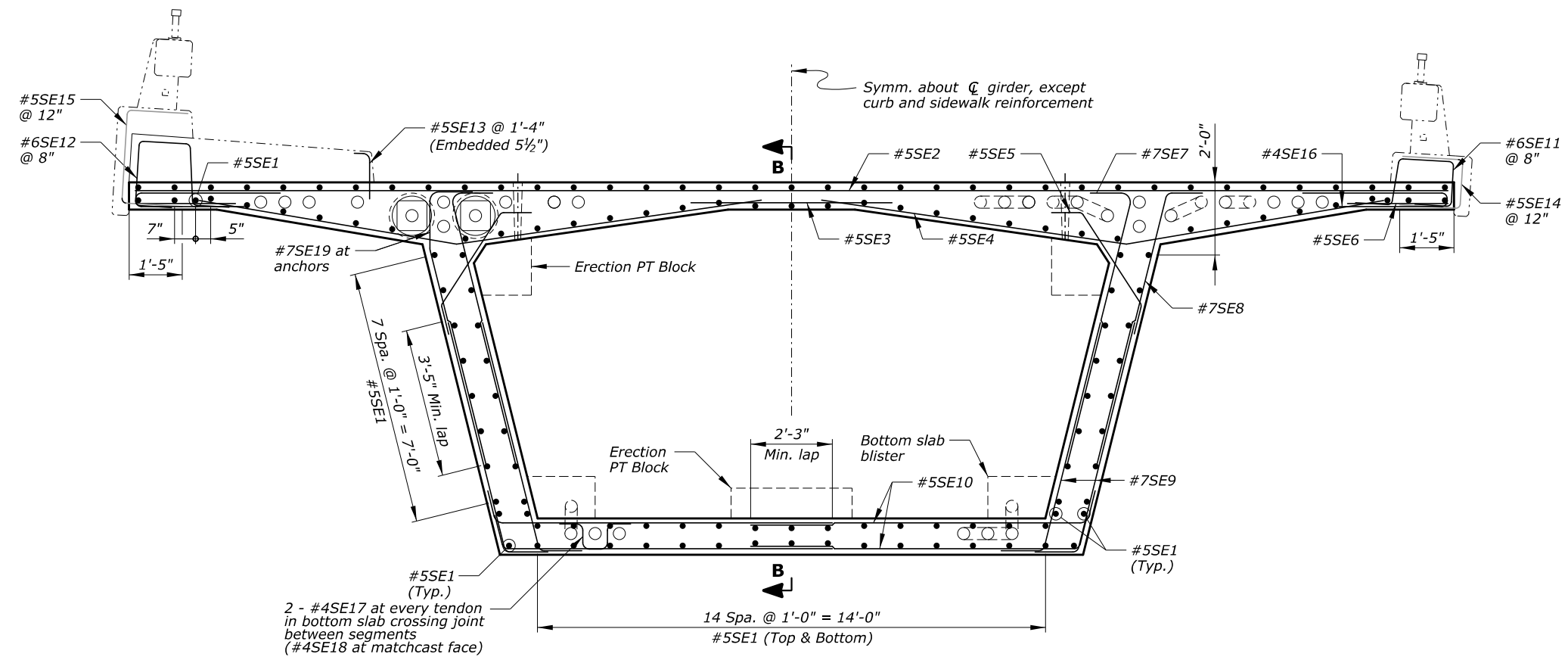
BLUE RIDGE PARKWAY

BRIDGE OVER I-26

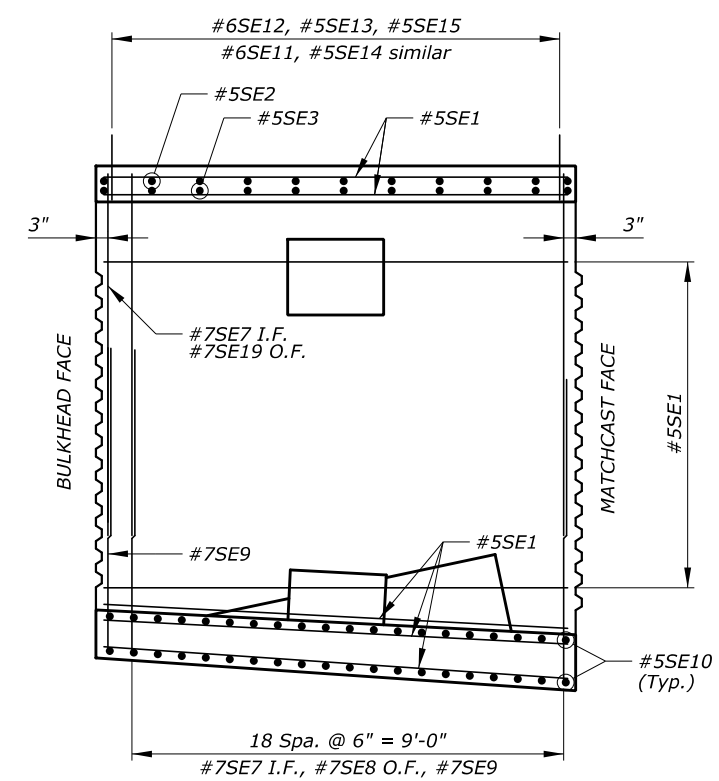
SEGMENT 1-7D
 BAR LIST

NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC	CC	LE	No Scale	George Choubah	78 of 228	December 2018	BRP-1265

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R79



SECTION A-A
Looking upstation



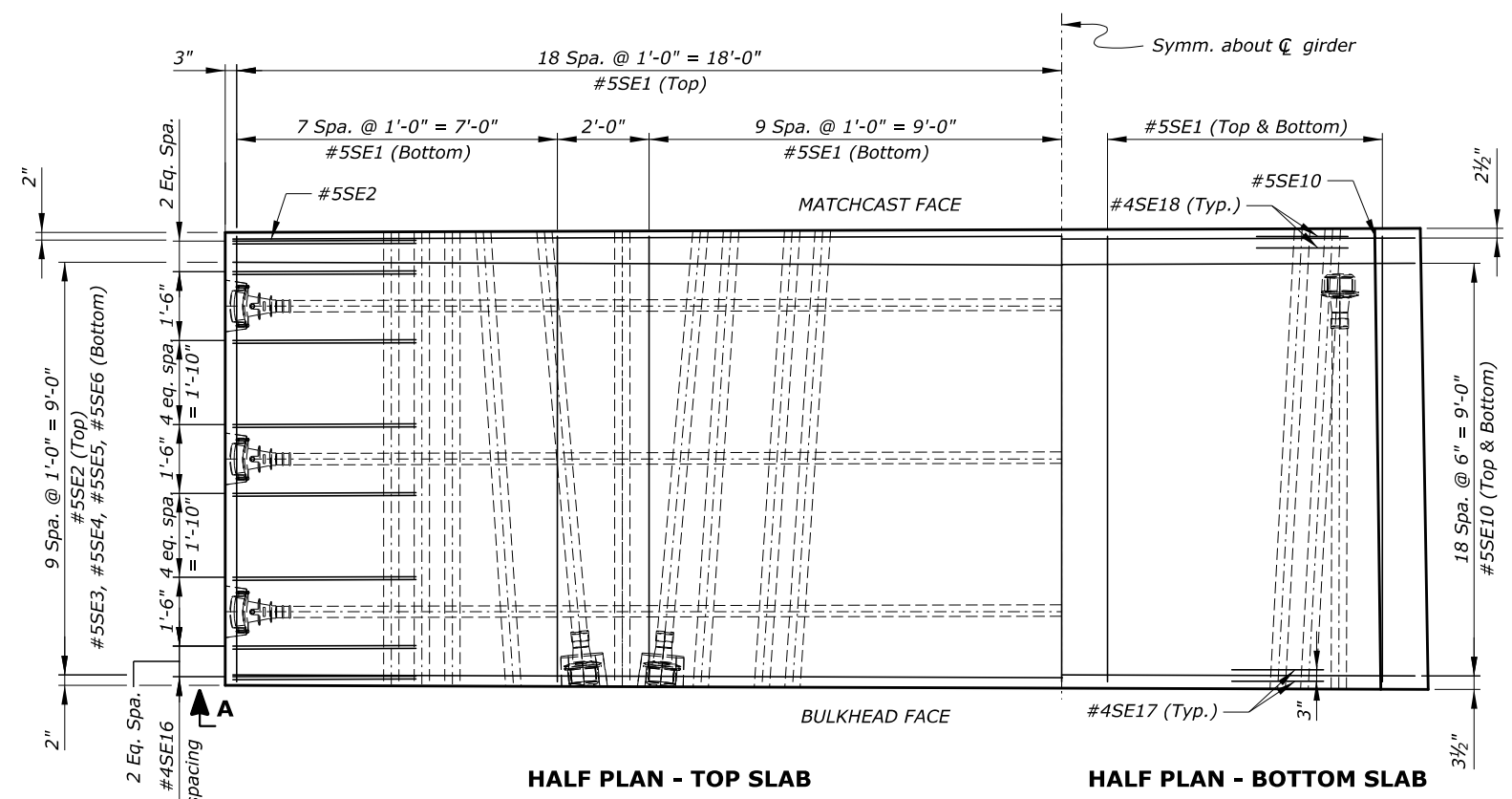
SECTION B-B

Notes:

1. Minimum concrete cover is 2½" at top face of deck, and 1½" at all other faces, unless otherwise noted.
2. Adjust slightly the location of reinforcement to avoid conflict with post-tensioning ducts.
3. For information on reinforcement in erection post-tensioning anchor blocks, see "ERECTION ANCHOR BLOCK" sheet.
4. For information on reinforcement in the bottom slab blister, see "BOTTOM SLAB BLISTER" sheet.

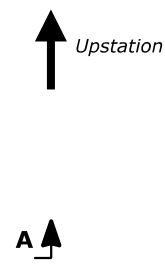
Key:

- e.f. = each face
- I.F. = inside face
- O.F. = outside face



HALF PLAN - TOP SLAB

HALF PLAN - BOTTOM SLAB



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EASTERN FEDERAL LANDS HIGHWAY DIVISION

BLUE RIDGE PARKWAY

BRIDGE OVER I-26

SEGMENT 1-6D REINFORCEMENT

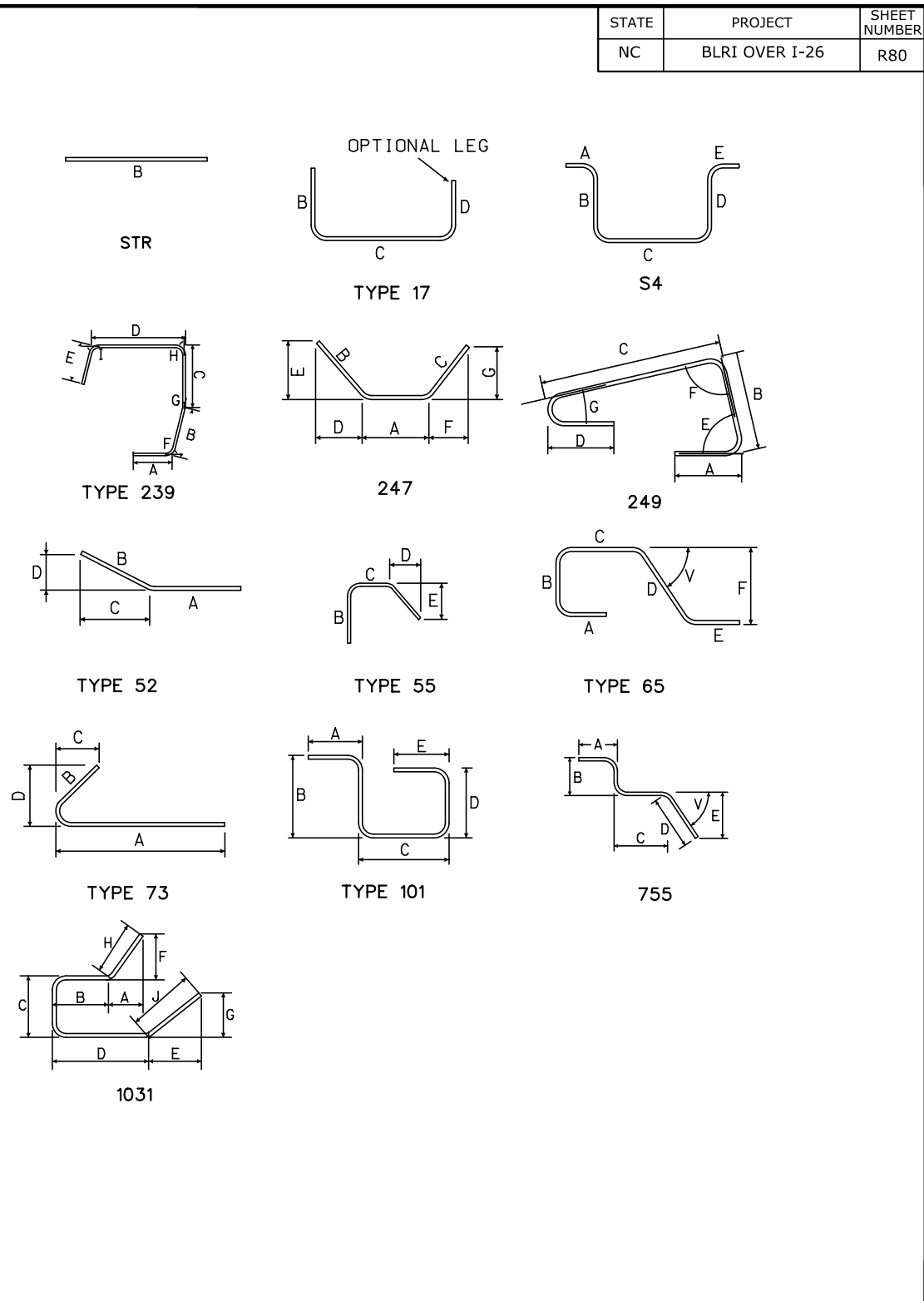
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								CC/CWN	BK/CC	HC	½" = 1'-0"	George Choubah	79 of 228	December 2018	BRP-1265

ACTUAL FILE:R80_BLR1_I26_SEGMENT 1-6D BAR LIST.DGN

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REINFORCING STEEL SCHEDULE				DIMENSION TABLE																	
SEGMENT 1-6D BAR LIST																					
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N	
*5SE1	5	STR		Longitudinal	142	9'-8"	1432		9'-8"												
*5SE2	5	STR		Trans. top	11	36'-2"	415		36'-2"												
*5SE3	5	STR		Trans. top	11	6'-0"	69		6'-0"												
*5SE4	5	52	0'-3 3/4"	Trans. top	22	16'-10"	386	9'-1"	7'-9"	7'-4 1/2"	2'-5"										
*5SE5	5	247	0'-3 3/4"	Trans. top	22	4'-7"	105	2'-10 1/4"	0'-10"	0'-10"	0'-6 3/4"	0'-7 3/4"	0'-5 1/2"	0'-8 3/4"							
*5SE6	5	STR		Trans. top	22	3'-3"	75		3'-3"												
*7SE7	7	73	0'-5 5/16"	Vert. i.f.	40	8'-10 1/2"	726	7'-8 1/2"	1'-2"	0'-3"	1'-2 1/2"										
*7SE8	7	52	0'-5 5/16"	Vert. o.f.	38	8'-11 1/2"	696	7'-9 1/4"	1'-2"	0'-3 1/2"	1'-1 3/4"										
*7SE9	7	52	0'-5 5/16"	Vert. e.f.	80	7'-8 1/2"	1260	6'-6 1/2"	1'-2"	0'-3 1/2"	1'-1 3/4"										
*5SE10	5	52	0'-3 3/4"	Trans. bot.	80	9'-10"	820	8'-11 3/4"	0'-10"	0'-2 1/2"	0'-9 3/4"										
*6SE11	6	65	0'-4 1/2"	Rail	15	6'-1 1/2"	138	1'-0"	1'-4"	1'-4 1/4"	1'-5 1/4"	1'-0"	1'-5"							77°	
*6SE12	6	65	0'-4 1/2"	Rail	15	6'-10"	154	1'-0"	1'-8 1/2"	1'-6"	1'-7 1/4"	1'-0"	1'-7 1/4"								84°
*5SE13	5	17	0'-3 3/4"	Rail	8	1'-8"	14		1'-3"	0'-5"											
*5SE14	5	17	0'-3 3/4"	Rail	10	5'-1 1/2"	53		1'-10 1/2"	1'-4 1/4"	1'-10 1/2"										
*5SE15	5	17	0'-3 3/4"	Rail	10	6'-2"	64		1'-10 1/4"	2'-5 1/2"	1'-10 1/4"										
*4SE16	4	17	0'-3 1/8"	Trans. top	64	7'-5"	317		4'-0"	0'-5"	3'-0"										
*4SE17	4	S4	0'-3 1/8"	Trans. bot.	12	3'-6 1/2"	28	0'-8"	0'-9"	0'-8 1/2"	0'-9"	0'-8"									
*4SE18	4	S4	0'-3 1/8"	Trans. bot.	8	3'-10 1/2"	21	0'-8"	0'-11"	0'-8 1/2"	0'-11"	0'-8"									
*7SE19	7	55	0'-5 5/16"	Vert. o.f.	2	8'-10 1/2"	36		1'-2"	2'-0"	5'-7"	1'-5 1/2"									
SUBTOTAL							6810	LBS													
ERECTION ANCHOR BLOCK BAR LIST																					
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N	
*6DE1	6	S4	0'-4 1/2"	Trans. bot.	6	8'-2 1/2"	74	1'-0"	1'-6 3/4"	3'-1"	1'-6 3/4"	1'-0"									
*6DE2	6	S4	0'-4 1/2"	Long. bot.	6	6'-11"	62	1'-0"	1'-7"	1'-9"	1'-7"	1'-0"									
*6DE3	6	239	0'-4 1/2"	Trans. top	12	7'-3"	131	1'-0"	2'-5 1/4"	1'-6 3/4"	1'-2 3/4"	1'-0"	76°	90°	14°						
*6DE4	6	S4	0'-4 1/2"	Stirrups	2	8'-3 1/2"	25	1'-0"	2'-4"	1'-7 1/2"	2'-4"	1'-0"									
*6DE5	6	S4	0'-4 1/2"	Stirrups	2	8'-6 1/2"	26	1'-0"	2'-5 1/2"	1'-7 1/2"	2'-5 1/2"	1'-0"									
*6DE6	6	S4	0'-4 1/2"	Stirrups	2	8'-10"	27	1'-0"	2'-7 1/4"	1'-7 1/2"	2'-7 1/4"	1'-0"									
*6DE7	6	S4	0'-4 1/2"	Long. top	4	8'-11"	54	1'-0"	2'-7 3/4"	1'-7 1/2"	2'-7 3/4"	1'-0"									
SUBTOTAL							398	LBS													
BOTTOM SLAB BLISTER BAR LIST																					
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N	
*6LE1	6	17	0'-4 1/2"	Long. bot.	6	10'-4 1/2"	93		9'-8"	0'-8 1/2"											
*5LE2	5	249	0'-3 3/4"	Long. bot.	8	11'-10"	99	0'-10"	2'-2"	7'-11 3/4"	0'-10"	77°	90°	13°							
*5LE3	5	STR		Long. bot.	8	7'-2 1/2"	60		7'-2 1/2"												
*5LE4	5	STR		Long. bot.	8	5'-0 1/2"	42		5'-0 1/2"												
*6LE5	6	755	0'-4 1/2"	Trans. bot.	2 sets of 15	6'-9"	262	1'-0"	2'-6 1/4"	2'-2 3/4"	1'-0"	0'-11 3/4"								76°	
						to 5'-8 1/2"			to 2'-10 1/4"	to 0'-10 1/4"											
						at 0'-1"			at 0'-0"	at 0'-1"											
						Incr.			Incr.	Incr.											
*6LE6	6	1031	0'-4 1/2"	Trans. bot.	6	8'-11 1/2"	81	0'-3"	2'-11"	1'-4 3/4"	2'-7"	0'-3"	1'-0"	1'-0"	1'-0"	1'-0"					
*6LE7	6	101	0'-4 1/2"	Trans. bot.	2 sets of 12	6'-8"	188	1'-0"	1'-8 1/4"	1'-3 3/4"	1'-8 1/4"	1'-0"									
						to 5'-0 1/2"			to 0'-10 1/4"	to 0'-10 1/4"											
						at 0'-2"			at 0'-1"	at 0'-1"											
						Incr.			Incr.	Incr.											
SUBTOTAL							868	LBS													



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 EASTERN FEDERAL LANDS HIGHWAY DIVISION

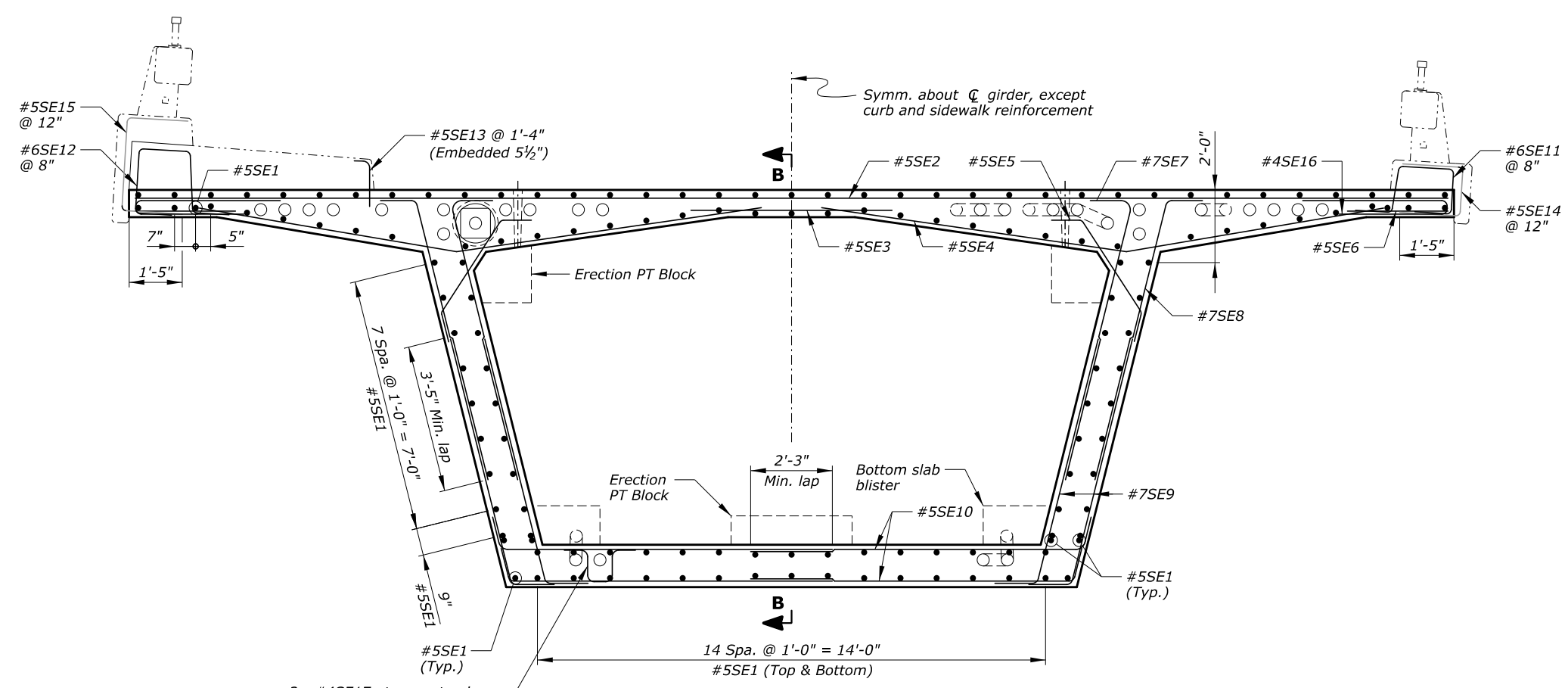
BLUE RIDGE PARKWAY

BRIDGE OVER I-26

SEGMENT 1-6D
 BAR LIST

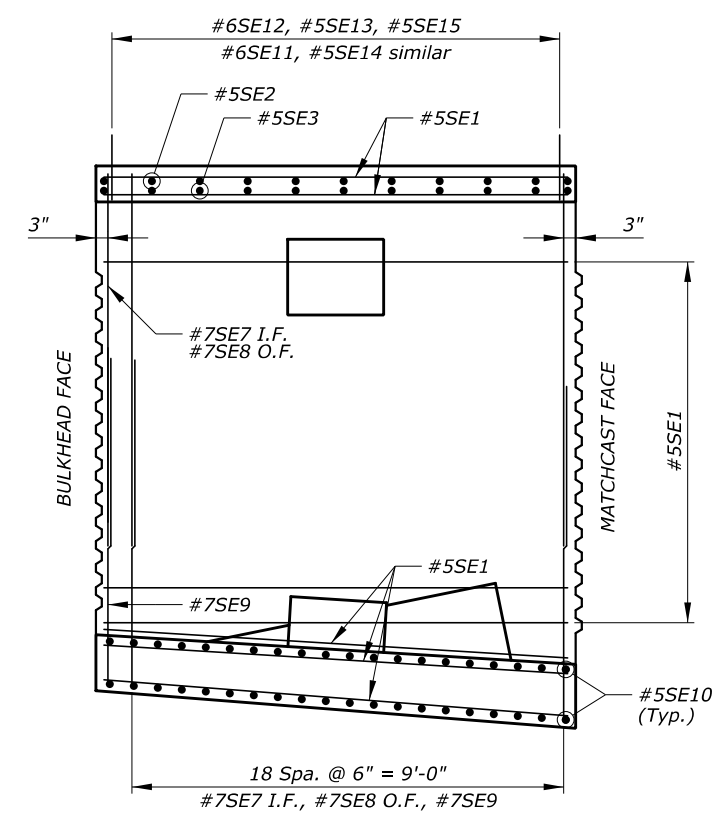
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC	CC	LE	No Scale	George Choubah	80 of 228	December 2018	BRP-1265

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R81



2 - #4SE17 at every tendon in bottom slab crossing joint between segments (#4SE18 at matchcast face)

SECTION A-A
Looking upstation



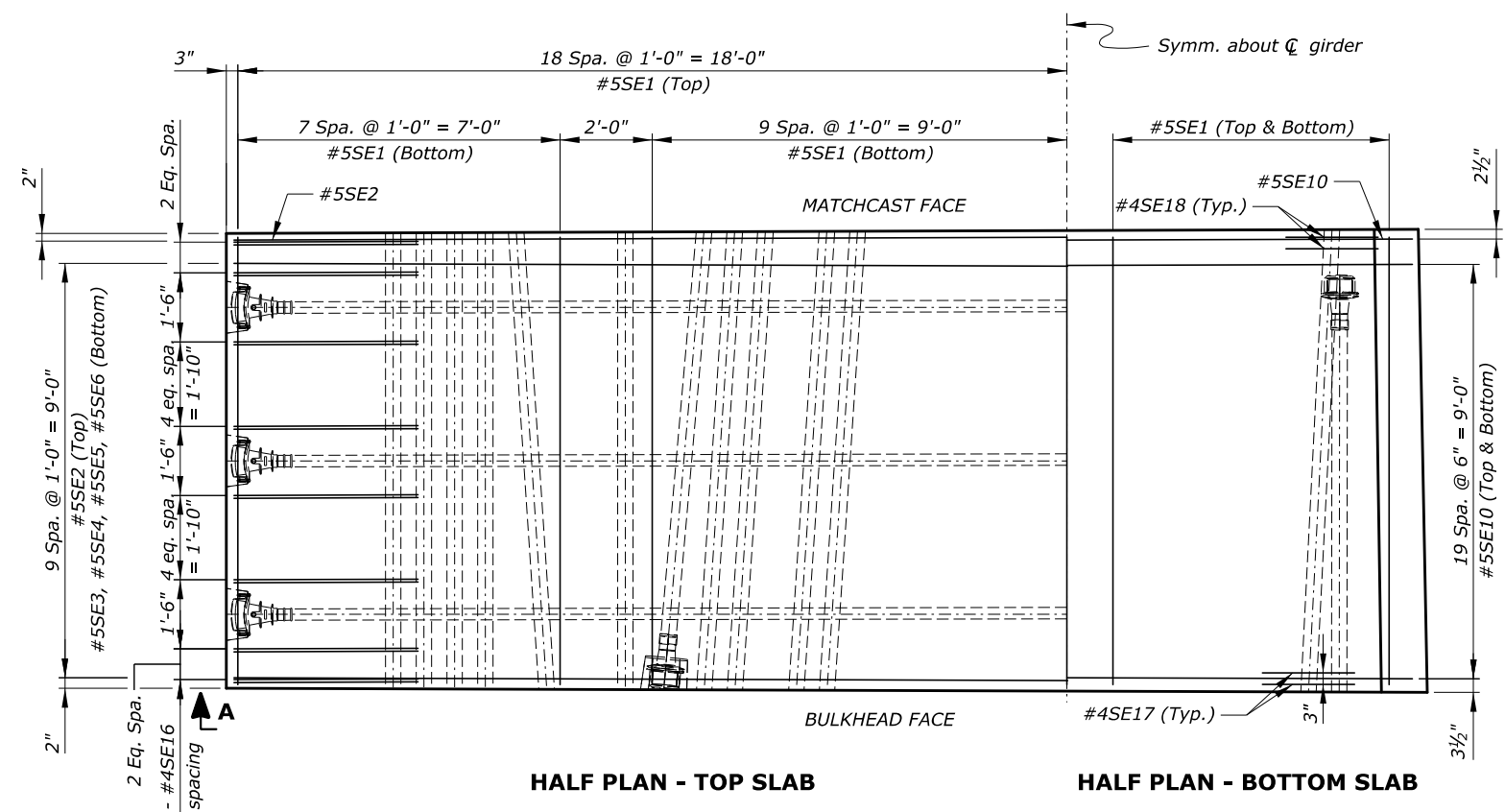
SECTION B-B

Notes:

1. Minimum concrete cover is 2 1/2" at top face of deck, and 1 1/2" at all other faces, unless otherwise noted.
2. Adjust slightly the location of reinforcement to avoid conflict with post-tensioning ducts.
3. For information on reinforcement in erection post-tensioning anchor blocks, see "ERECTION ANCHOR BLOCK" sheet.
4. For information on reinforcement in the bottom slab blister, see "BOTTOM SLAB BLISTER" sheet.

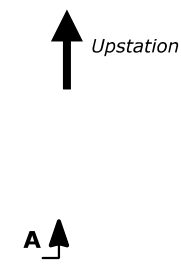
Key:

- e.f. = each face
- I.F. = inside face
- O.F. = outside face



HALF PLAN - TOP SLAB

HALF PLAN - BOTTOM SLAB



U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
EASTERN FEDERAL LANDS HIGHWAY DIVISION

BLUE RIDGE PARKWAY

BRIDGE OVER I-26

SEGMENT 1-5D REINFORCEMENT

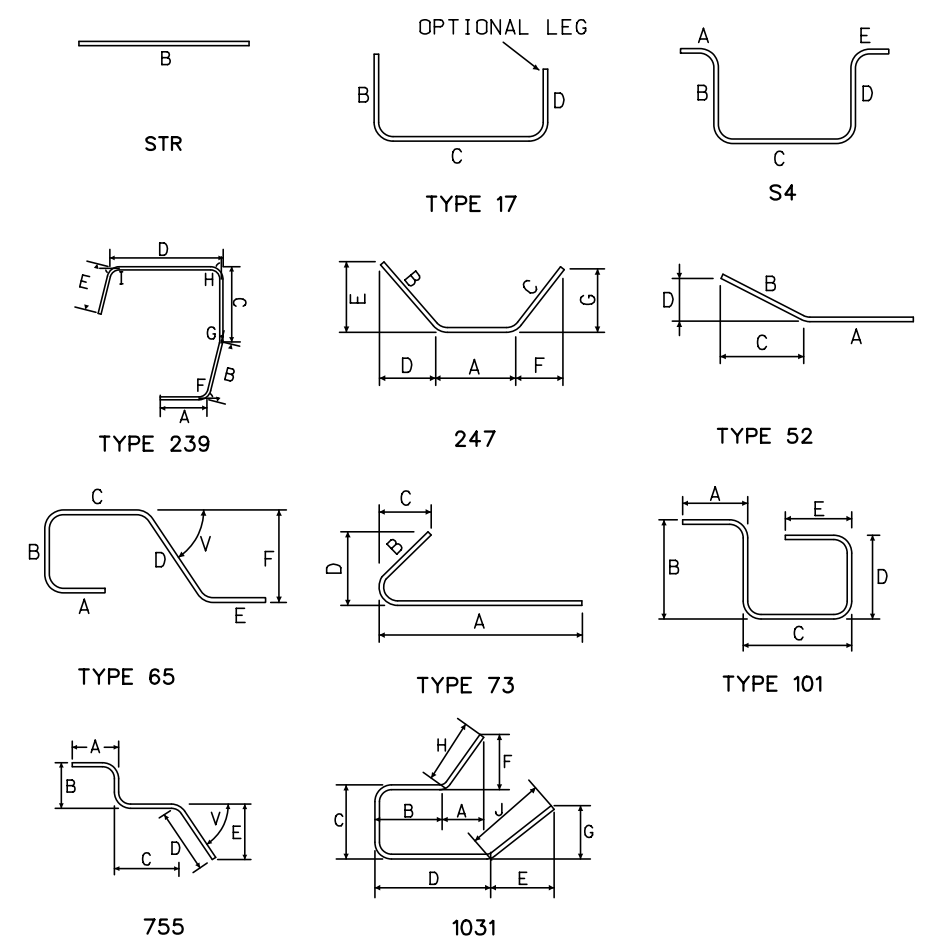
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								CC/CWN	BK/CC	HC	1/2" = 1'-0"	George Choubah	81 of 228	December 2018	BRP-1265

ACTUAL FILE:R82_BLR1_I26_SEGMENT 1-5D BAR LIST.DGN

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14-Dec-2018 12:18 PM

REINFORCING STEEL SCHEDULE				DIMENSION TABLE																
SEGMENT 1-5D BAR LIST																				
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N
*5SE1	5	STR		Longitudinal	146	9'-8"	1472		9'-8"											
*5SE2	5	STR		Trans. top	11	36'-2"	415		36'-2"											
*5SE3	5	STR		Trans. top	11	6'-0"	69		6'-0"											
*5SE4	5	52	0'-3 3/4"	Trans. top	22	16'-10"	386	9'-1"	7'-9"	7'-4 1/2"	2'-5"									
*5SE5	5	247	0'-3 3/4"	Trans. top	22	4'-7"	105	2'-10 1/4"	0'-10"	0'-10"	0'-6 3/4"	0'-7 3/4"	0'-5 1/2"	0'-8 3/4"						
*5SE6	5	STR		Trans. top	22	3'-3"	75		3'-3"											
*7SE7	7	73	0'-5 5/16"	Vert. i.f.	40	9'-0 1/2"	739	7'-10 1/4"	1'-2"	0'-3"	1'-2 1/2"									
*7SE8	7	52	0'-5 5/16"	Vert. o.f.	40	9'-1"	743	7'-11"	1'-2"	0'-3 1/2"	1'-1 3/4"									
*7SE9	7	52	0'-5 5/16"	Vert. e.f.	80	8'-4"	1363	7'-2 1/4"	1'-2"	0'-3 1/2"	1'-1 3/4"									
*5SE10	5	52	0'-3 3/4"	Trans. bot.	80	9'-8 1/2"	810	8'-10 1/4"	0'-10"	0'-2 1/2"	0'-9 3/4"									
*6SE11	6	65	0'-4 1/2"	Rail	15	6'-1 1/2"	138	1'-0"	1'-4"	1'-4 1/4"	1'-5 1/4"	1'-0"	1'-5"							77°
*6SE12	6	65	0'-4 1/2"	Rail	15	6'-10"	154	1'-0"	1'-8 1/2"	1'-6"	1'-7 1/4"	1'-0"	1'-7 1/4"							84°
*5SE13	5	17	0'-3 3/4"	Rail	8	1'-8"	14		1'-3"	0'-5"										
*5SE14	5	17	0'-3 3/4"	Rail	10	5'-1 1/2"	53		1'-10 1/2"	1'-4 1/4"	1'-10 1/2"									
*5SE15	5	17	0'-3 3/4"	Rail	10	6'-2"	64		1'-10 1/4"	2'-5 1/2"	1'-10 1/4"									
*4SE16	4	17	0'-3 1/8"	Trans. top	64	7'-5"	317		4'-0"	0'-5"	3'-0"									
*4SE17	4	S4	0'-3 1/8"	Trans. bot.	8	3'-10 1/2"	21	0'-8"	0'-11"	0'-8 1/2"	0'-11"	0'-8"								
*4SE18	4	S4	0'-3 1/8"	Trans. bot.	4	4'-2 1/2"	11	0'-8"	1'-1"	0'-8 1/2"	1'-1"	0'-8"								
SUBTOTAL							6949	LBS												
ERECTION ANCHOR BLOCK BAR LIST																				
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N
*6DE1	6	S4	0'-4 1/2"	Trans. bot.	6	8'-2 1/2"	74	1'-0"	1'-6 3/4"	3'-1"	1'-6 3/4"	1'-0"								
*6DE2	6	S4	0'-4 1/2"	Long. bot.	6	6'-11"	62	1'-0"	1'-7"	1'-9"	1'-7"	1'-0"								
*6DE3	6	239	0'-4 1/2"	Trans. top	12	7'-3"	131	1'-0"	2'-5 1/4"	1'-6 3/4"	1'-2 3/4"	1'-0"	76°	90°	14°					
*6DE4	6	S4	0'-4 1/2"	Stirrups	2	8'-3 1/2"	25	1'-0"	2'-4"	1'-7 1/2"	2'-4"	1'-0"								
*6DE5	6	S4	0'-4 1/2"	Stirrups	2	8'-6 1/2"	26	1'-0"	2'-5 1/2"	1'-7 1/2"	2'-5 1/2"	1'-0"								
*6DE6	6	S4	0'-4 1/2"	Stirrups	2	8'-10"	27	1'-0"	2'-7 1/4"	1'-7 1/2"	2'-7 1/4"	1'-0"								
*6DE7	6	S4	0'-4 1/2"	Long. top	4	8'-11"	54	1'-0"	2'-7 3/4"	1'-7 1/2"	2'-7 3/4"	1'-0"								
SUBTOTAL							398	LBS												
BOTTOM SLAB BLISTER BAR LIST																				
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N
*6LE1	6	17	0'-4 1/2"	Long. bot.	6	10'-6 1/2"	95		9'-8"	0'-10 1/2"										
*5LE2	5	250	0'-3 3/4"	Long. bot.	8	12'-9 1/2"	107	0'-10"	2'-4"	8'-4"	0'-5 1/2"	0'-10"	77°	90°	103°					
*5LE3	5	STR		Long. bot.	8	7'-11 1/2"	66		7'-11 1/2"											
*5LE4	5	STR		Long. bot.	8	5'-9 1/2"	48		5'-9 1/2"											
*6LE5	6	755	0'-4 1/2"	Trans. bot.	2	6'-9"	262	1'-0"	2'-6 1/4"	2'-2 3/4"	1'-0"	0'-11 3/4"								76°
					sets to of 15 at 0'-1" Incr.	5'-8 1/2"			to to 2'-10 1/4" at 0'-0" Incr.	0'-10 1/4"										
*6LE6	6	1031	0'-4 1/2"	Trans. bot.	6	8'-11 1/2"	81	0'-3"	2'-11"	1'-4 3/4"	2'-7"	0'-3"	1'-0"	1'-0"	1'-0"	1'-0"				
*6LE7	6	101	0'-4 1/2"	Trans. bot.	2	6'-8"	188	1'-0"	1'-8 1/4"	1'-3 3/4"	1'-8 1/4"	1'-0"								
					sets to of 12 at 0'-2" Incr.	5'-0 1/2"			to to 0'-10 1/4" at 0'-1" Incr.	0'-10 1/4"										
SUBTOTAL							890	LBS												



U.S. DEPARTMENT OF TRANSPORTATION
 FEDERAL HIGHWAY ADMINISTRATION
 EASTERN FEDERAL LANDS HIGHWAY DIVISION

BLUE RIDGE PARKWAY

BRIDGE OVER I-26

SEGMENT 1-5D
 BAR LIST

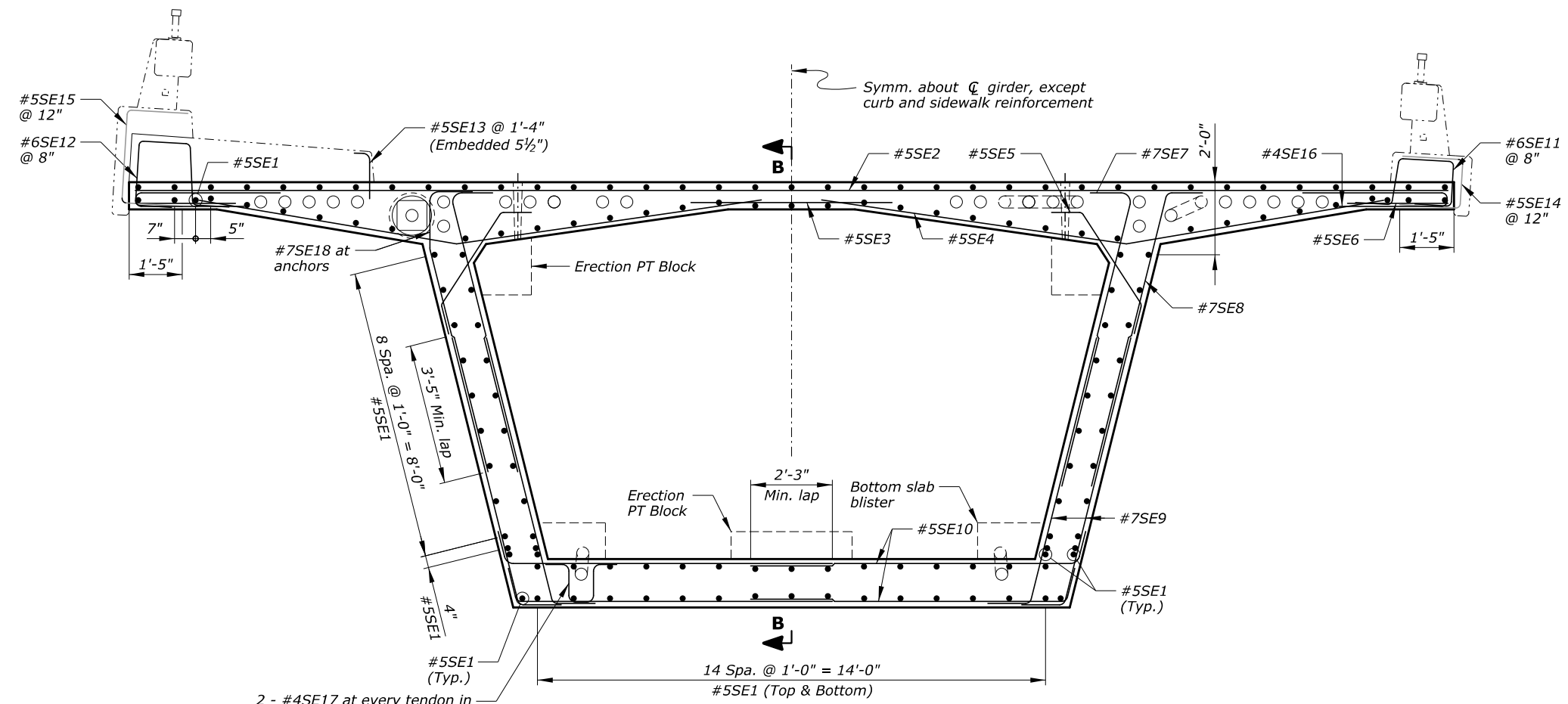
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								CC	CC	LE	No Scale	George Choubah	82 of 228	December 2018	BRP-1265

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R83

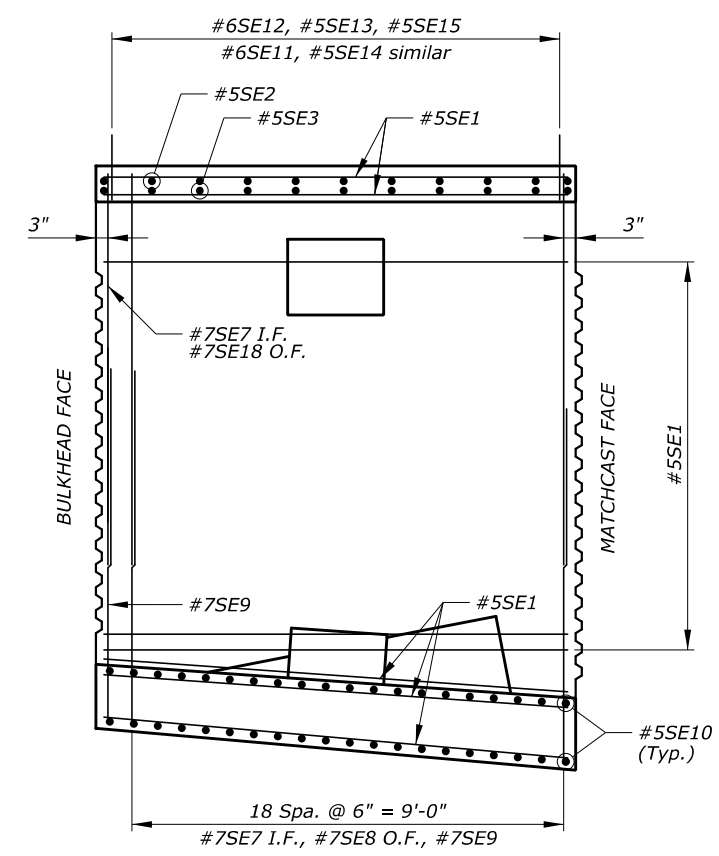
ACTUAL FILE: R83_BLR1_I26_SEGMENT 1-4D REINF. DGN

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14-Dec-2018 12:18 PM



SECTION A-A
Looking upstation



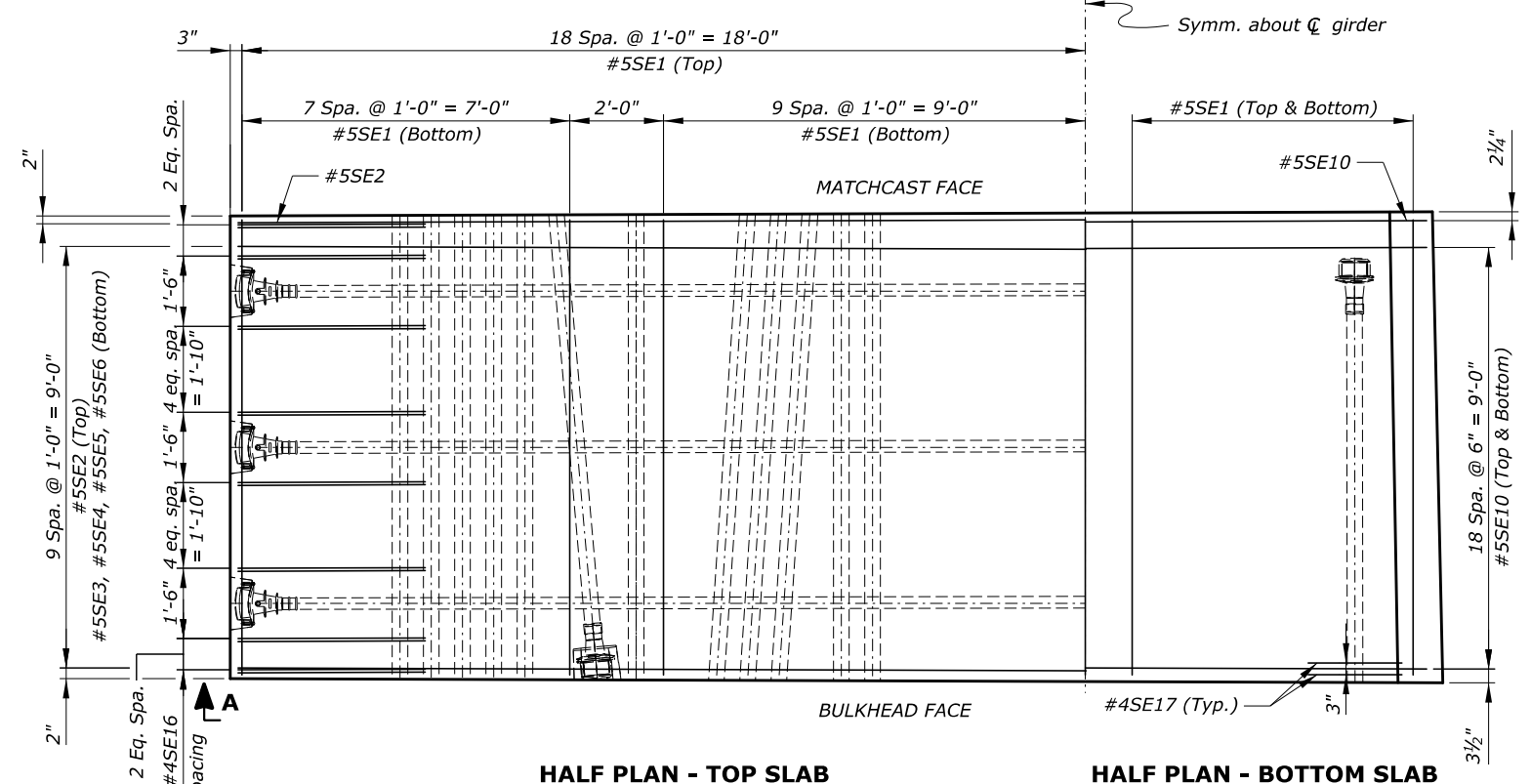
SECTION B-B

Notes:

1. Minimum concrete cover is 2 1/2" at top face of deck, and 1 1/2" at all other faces, unless otherwise noted.
2. Adjust slightly the location of reinforcement to avoid conflict with post-tensioning ducts.
3. For information on reinforcement in erection post-tensioning anchor blocks, see "ERECTION ANCHOR BLOCK" sheet.
4. For information on reinforcement in the bottom slab blister, see "BOTTOM SLAB BLISTER" sheet.

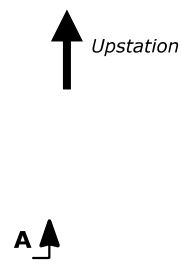
Key:

- e.f. = each face
- I.F. = inside face
- O.F. = outside face



HALF PLAN - TOP SLAB

HALF PLAN - BOTTOM SLAB



U.S. DEPARTMENT OF TRANSPORTATION
 FEDERAL HIGHWAY ADMINISTRATION
 EASTERN FEDERAL LANDS HIGHWAY DIVISION

BLUE RIDGE PARKWAY

 BRIDGE OVER I-26

SEGMENT 1-4D REINFORCEMENT

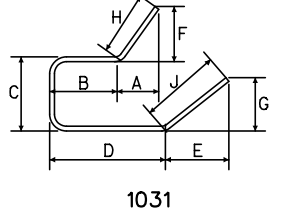
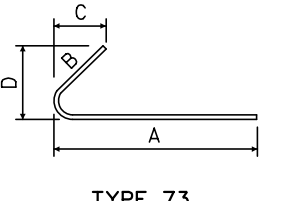
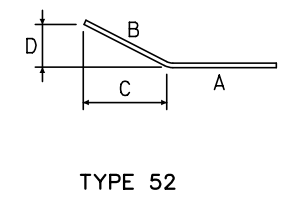
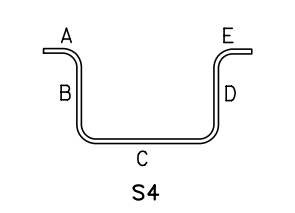
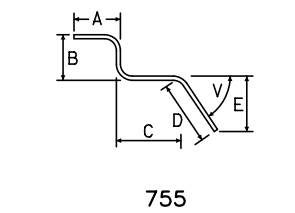
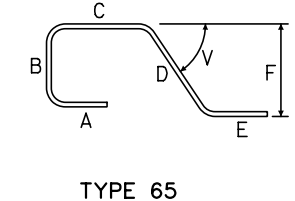
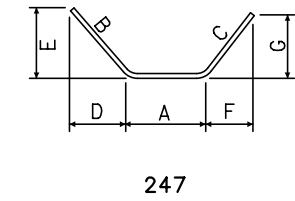
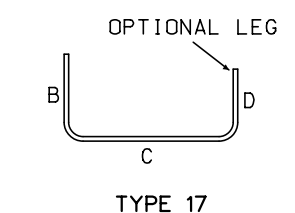
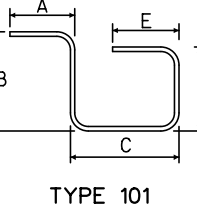
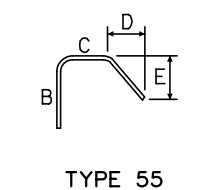
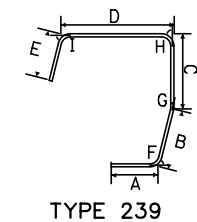
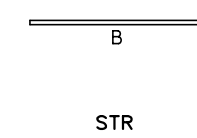
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC/CWN	BK/CC	HC	1/2" = 1'-0"	George Choubah	83 of 228	December 2018	BRP-1265

ACTUAL FILE:R84_BLR1_I26_SEGMENT 1-4D BAR LIST.DGN

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REINFORCING STEEL SCHEDULE				DIMENSION TABLE																	
SEGMENT 1-4D BAR LIST																					
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N	
*5SE1	5	STR		Longitudinal	150	9'-8"	1512		9'-8"												
*5SE2	5	STR		Trans. top	11	36'-2"	415		36'-2"												
*5SE3	5	STR		Trans. top	11	6'-0"	69		6'-0"												
*5SE4	5	52	0'-3 3/4"	Trans. top	22	16'-10"	386	9'-1"	7'-9"	7'-4 1/2"	2'-5"										
*5SE5	5	247	0'-3 3/4"	Trans. top	22	4'-7"	105	2'-10 1/4"	0'-10"	0'-10"	0'-6 3/4"	0'-7 3/4"	0'-5 1/2"	0'-8 3/4"							
*5SE6	5	STR		Trans. top	22	3'-3"	75		3'-3"												
*7SE7	7	73	0'-5 5/16"	Vert. i.f.	40	9'-6"	777	8'-4"	1'-2"	0'-3"	1'-2 1/2"										
*7SE8	7	52	0'-5 5/16"	Vert. o.f.	38	9'-6 1/2"	741	8'-4 3/4"	1'-2"	0'-3 1/2"	1'-1 3/4"										
*7SE9	7	52	0'-5 5/16"	Vert. e.f.	80	8'-9 1/2"	1438	7'-7 1/2"	1'-2"	0'-3 1/2"	1'-1 3/4"										
*5SE10	5	52	0'-3 3/4"	Trans. bot.	80	9'-6 1/2"	796	8'-8 1/2"	0'-10"	0'-2 1/2"	0'-9 3/4"										
*6SE11	6	65	0'-4 1/2"	Rail	15	6'-1 1/2"	138	1'-0"	1'-4"	1'-4 1/4"	1'-5 1/4"	1'-0"	1'-5"							77°	
*6SE12	6	65	0'-4 1/2"	Rail	15	6'-10"	154	1'-0"	1'-8 1/2"	1'-6"	1'-7 1/4"	1'-0"	1'-7 1/4"								84°
*5SE13	5	17	0'-3 3/4"	Rail	8	1'-8"	14		1'-3"	0'-5"											
*5SE14	5	17	0'-3 3/4"	Rail	10	5'-1 1/2"	53		1'-10 1/2"	1'-4 1/4"	1'-10 1/2"										
*5SE15	5	17	0'-3 3/4"	Rail	10	6'-2"	64		1'-10 1/4"	2'-5 1/2"	1'-10 1/4"										
*4SE16	4	17	0'-3 1/8"	Trans. top	64	7'-5"	317		4'-0"	0'-5"	3'-0"										
*4SE17	4	S4	0'-3 1/8"	Trans. bot.	4	4'-2 1/2"	11	0'-8"	1'-1"	0'-8 1/2"	1'-1"	0'-8"									
*7SE18	7	55	0'-5 5/16"	Vert. o.f.	2	9'-6"	39		1'-2"	2'-0"	6'-2 1/4"	1'-7 1/4"									
SUBTOTAL							7105 LBS														
ERECTION ANCHOR BLOCK BAR LIST																					
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N	
*6DE1	6	S4	0'-4 1/2"	Trans. bot.	6	8'-2 1/2"	74	1'-0"	1'-6 3/4"	3'-1"	1'-6 3/4"	1'-0"									
*6DE2	6	S4	0'-4 1/2"	Long. bot.	6	6'-11"	62	1'-0"	1'-7"	1'-9"	1'-7"	1'-0"									
*6DE3	6	239	0'-4 1/2"	Trans. top	12	7'-3"	131	1'-0"	2'-5 1/4"	1'-6 3/4"	1'-2 3/4"	1'-0"	76°	90°	14°						
*6DE4	6	S4	0'-4 1/2"	Stirrups	2	8'-3 1/2"	25	1'-0"	2'-4"	1'-7 1/2"	2'-4"	1'-0"									
*6DE5	6	S4	0'-4 1/2"	Stirrups	2	8'-6 1/2"	26	1'-0"	2'-5 1/2"	1'-7 1/2"	2'-5 1/2"	1'-0"									
*6DE6	6	S4	0'-4 1/2"	Stirrups	2	8'-10"	27	1'-0"	2'-7 1/4"	1'-7 1/2"	2'-7 1/4"	1'-0"									
*6DE7	6	S4	0'-4 1/2"	Long. top	4	8'-11"	54	1'-0"	2'-7 3/4"	1'-7 1/2"	2'-7 3/4"	1'-0"									
SUBTOTAL							398 LBS														
BOTTOM SLAB BLISTER BAR LIST																					
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N	
*6LE1	6	17	0'-4 1/2"	Long. bot.	6	10'-8 1/2"	97		9'-8"	1'-0 1/2"											
*5LE2	5	250	0'-3 3/4"	Long. bot.	8	13'-1 1/2"	110	0'-10"	2'-6 1/4"	8'-4"	0'-7 1/2"	0'-10"	77°	90°	103°						
*5LE3	5	STR		Long. bot.	8	8'-4 1/2"	70		8'-4 1/2"												
*5LE4	5	STR		Long. bot.	8	6'-6 1/2"	55		6'-6 1/2"												
*6LE5	6	755	0'-4 1/2"	Trans. bot.	2 sets of 15	6'-11"	269	1'-0"	2'-6 1/4"	2'-4 3/4"	1'-0"	0'-11 3/4"								76°	
						to 5'-10 1/2"			to 2'-10 1/4"	to 1'-0 1/4"											
						at 0'-1"			at 0'-0"	at 0'-1"											
						Incr.			Incr.	Incr.											
*6LE6	6	1031	0'-4 1/2"	Trans. bot.	6	8'-11 1/2"	81	0'-3"	2'-11"	1'-4 3/4"	2'-7"	0'-3"	1'-0"	1'-0"	1'-0"	1'-0"					
*6LE7	6	101	0'-4 1/2"	Trans. bot.	2 sets of 12	7'-0 1/2"	200	1'-0"	1'-10 1/4"	1'-3 3/4"	1'-10 1/4"	1'-0"									
						to 5'-4 1/2"			to 1'-0 1/4"	to 1'-0 1/4"											
						at 0'-2"			at 0'-1"	at 0'-1"											
						Incr.			Incr.	Incr.											
SUBTOTAL							923 LBS														



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BLUE RIDGE PARKWAY

BRIDGE OVER I-26

SEGMENT 1-4D
 BAR LIST

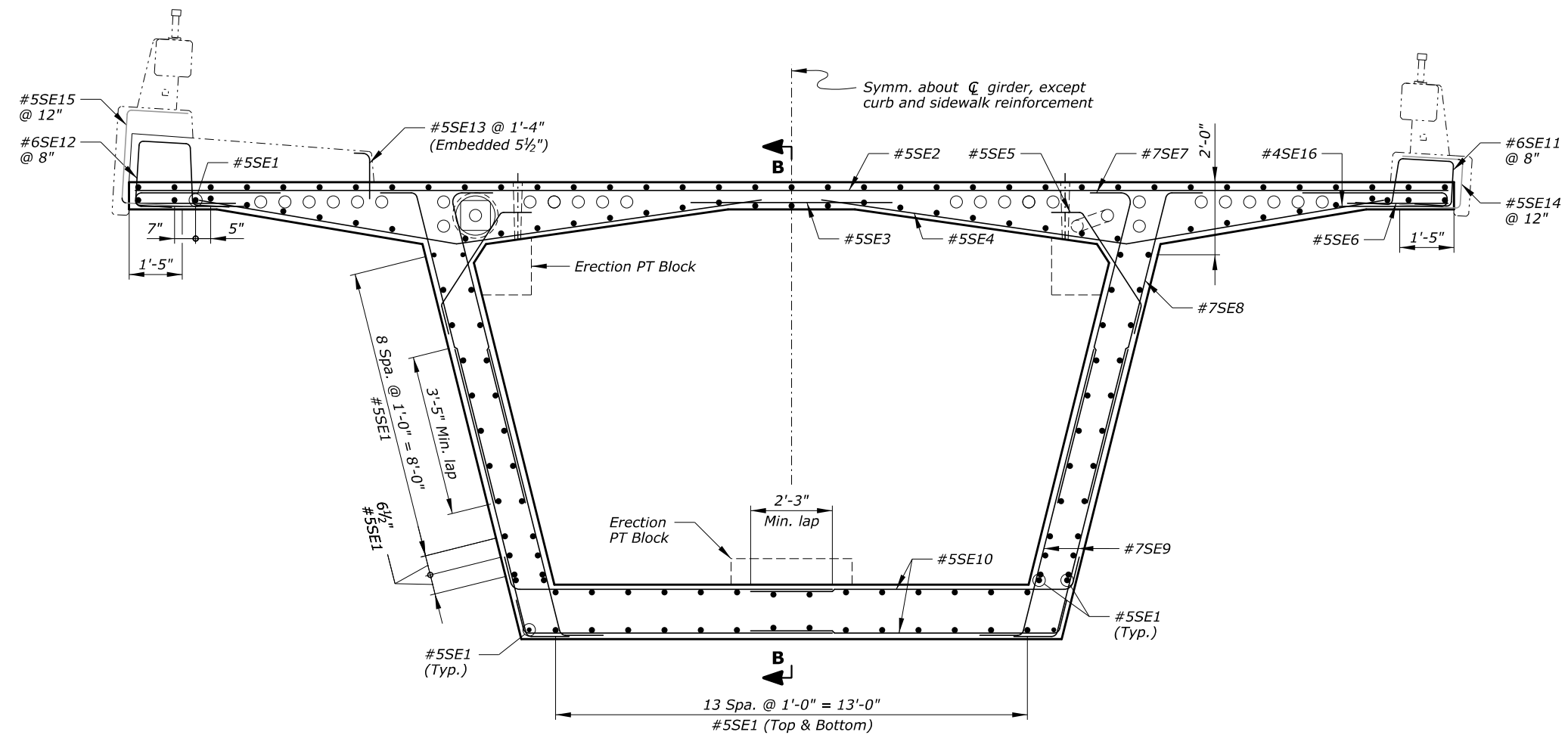
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC	CC	LE	No Scale	George Choubah	84 of 228	December 2018	BRP-1265

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R85

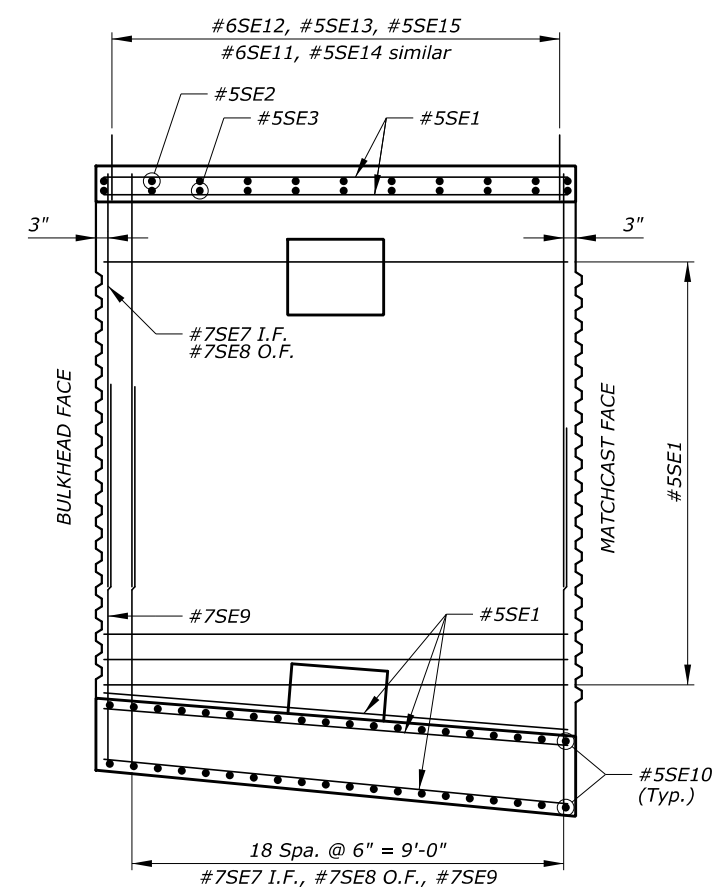
ACTUAL FILE: R85_BLR1_I26_SEGMENT 1-3D REINF. DGN

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14-Dec-2018 12:19 PM



SECTION A-A
Looking upstation



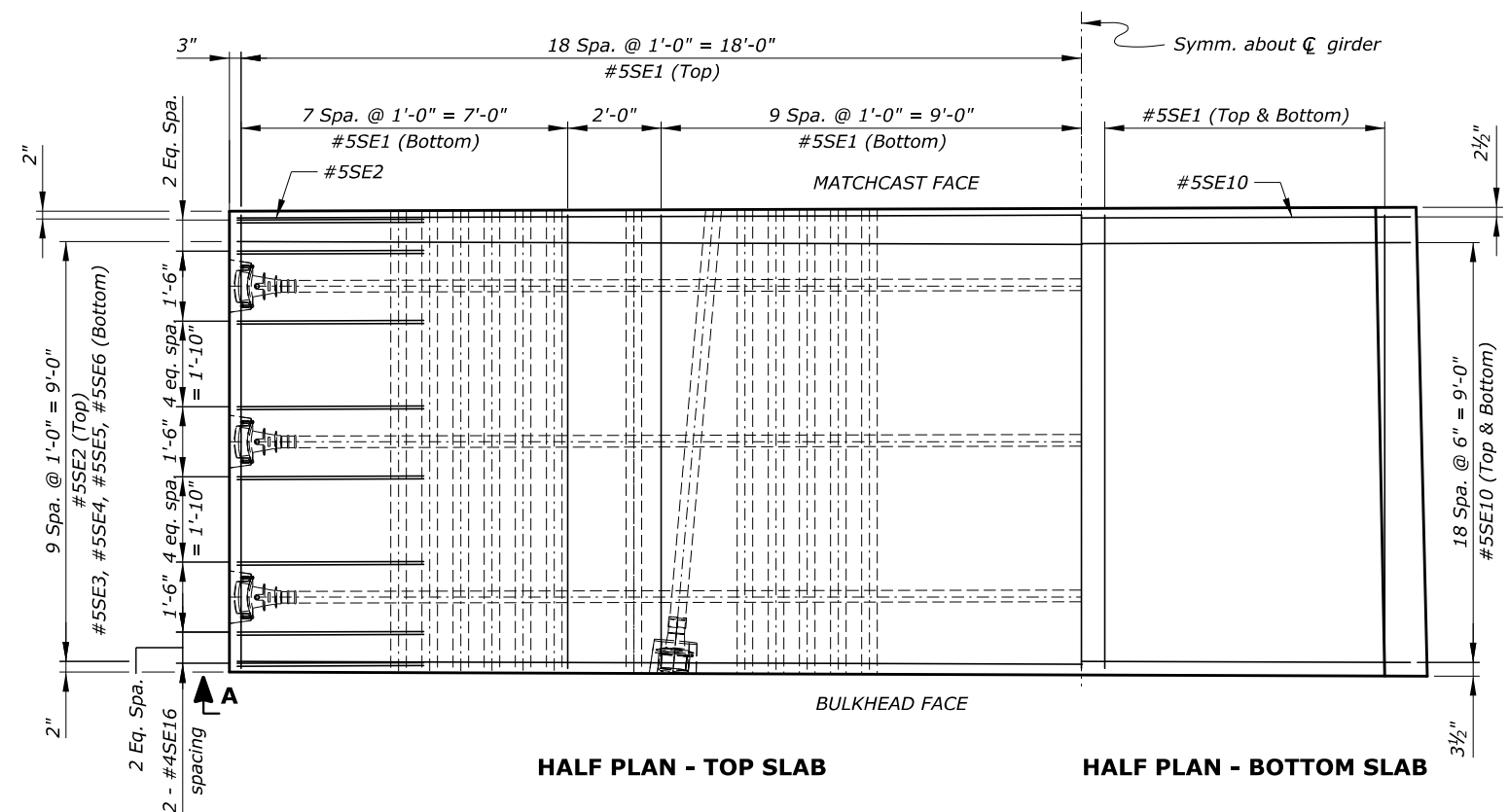
SECTION B-B

Notes:

1. Minimum concrete cover is 2 1/2" at top face of deck, and 1 1/2" at all other faces, unless otherwise noted.
2. Adjust slightly the location of reinforcement to avoid conflict with post-tensioning ducts.
3. For information on reinforcement in erection post-tensioning anchor blocks, see "ERECTION ANCHOR BLOCK" sheet.

Key:

- e.f. = each face
- I.F. = inside face
- O.F. = outside face



HALF PLAN - TOP SLAB

HALF PLAN - BOTTOM SLAB



U.S. DEPARTMENT OF TRANSPORTATION
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EASTERN FEDERAL LANDS HIGHWAY DIVISION

BLUE RIDGE PARKWAY

BRIDGE OVER I-26

SEGMENT 1-3D REINFORCEMENT

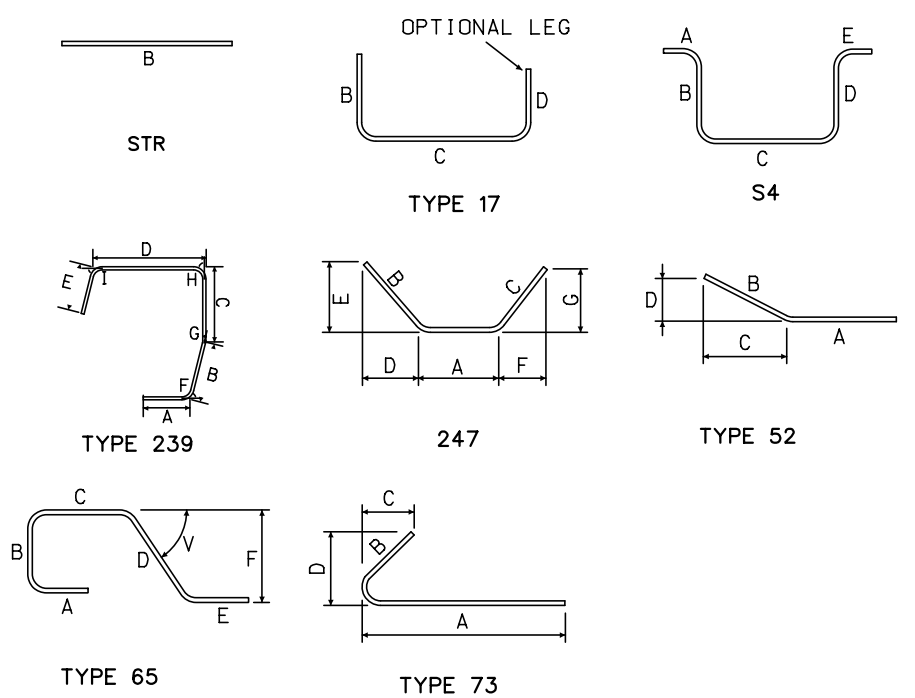
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC/CWN	BK/CC	HC	1/2" = 1'-0"	George Choubah	85 of 228	December 2018	BRP-1265

ACTUAL FILE:R86_BLR1_I26_SEGMENT 1-3D BAR LIST.DGN

M:\PROJECTS\STATE_DOT\NC\brl_126_nepa\Bridges\Microstation\Bridges Design Files\NO_OP\PROJECTS.dgn

14-Dec-2018 12:19 PM

REINFORCING STEEL SCHEDULE				DIMENSION TABLE																	
SEGMENT 1-3D BAR LIST																					
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N	
*5SE1	5	STR		Longitudinal	152	9'-8"	1533		9'-8"												
*5SE2	5	STR		Trans. top	11	36'-2"	415		36'-2"												
*5SE3	5	STR		Trans. top	11	6'-0"	69		6'-0"												
*5SE4	5	52	0'-3 3/4"	Trans. top	22	16'-10"	386	9'-1"	7'-9"	7'-4 1/2"	2'-5"										
*5SE5	5	247	0'-3 3/4"	Trans. top	22	4'-7"	105	2'-10 1/4"	0'-10"	0'-10"	0'-6 3/4"	0'-7 3/4"	0'-5 1/2"	0'-8 3/4"							
*5SE6	5	STR		Trans. top	22	3'-3"	75		3'-3"												
*7SE7	7	73	0'-5 5/16"	Vert. i.f.	40	9'-11"	811	8'-9"	1'-2"	0'-3"	1'-2 1/2"										
*7SE8	7	52	0'-5 5/16"	Vert. o.f.	40	10'-0"	818	8'-9 3/4"	1'-2"	0'-3 1/2"	1'-1 3/4"										
*7SE9	7	52	0'-5 5/16"	Vert. e.f.	80	9'-4 1/2"	1533	8'-2 1/4"	1'-2"	0'-3 1/2"	1'-1 3/4"										
*5SE10	5	52	0'-3 3/4"	Trans. bot.	80	9'-4 1/2"	782	8'-6 1/4"	0'-10"	0'-2 1/2"	0'-9 3/4"										
*6SE11	6	65	0'-4 1/2"	Rail	15	6'-1 1/2"	138	1'-0"	1'-4"	1'-4 1/4"	1'-5 1/4"	1'-0"	1'-5"							77°	
*6SE12	6	65	0'-4 1/2"	Rail	15	6'-10"	154	1'-0"	1'-8 1/2"	1'-6"	1'-7 1/4"	1'-0"	1'-7 1/4"								84°
*5SE13	5	17	0'-3 3/4"	Rail	8	1'-8"	14		1'-3"	0'-5"											
*5SE14	5	17	0'-3 3/4"	Rail	10	5'-1 1/2"	53		1'-10 1/2"	1'-4 1/4"	1'-10 1/2"										
*5SE15	5	17	0'-3 3/4"	Rail	10	6'-2"	64		1'-10 1/4"	2'-5 1/2"	1'-10 1/4"										
*4SE16	4	17	0'-3 1/8"	Trans. top	64	7'-5"	317		4'-0"	0'-5"	3'-0"										
SUBTOTAL							7267	LBS													
ERECTION ANCHOR BLOCK BAR LIST																					
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N	
*6DE1	6	S4	0'-4 1/2"	Trans. bot.	6	8'-2 1/2"	74	1'-0"	1'-6 3/4"	3'-1"	1'-6 3/4"	1'-0"									
*6DE2	6	S4	0'-4 1/2"	Long. bot.	6	6'-11"	62	1'-0"	1'-7"	1'-9"	1'-7"	1'-0"									
*6DE3	6	239	0'-4 1/2"	Trans. top	12	7'-3"	131	1'-0"	2'-5 1/4"	1'-6 3/4"	1'-2 3/4"	1'-0"	76°	90°	14°						
*6DE4	6	S4	0'-4 1/2"	Stirrups	2	8'-3 1/2"	25	1'-0"	2'-4"	1'-7 1/2"	2'-4"	1'-0"									
*6DE5	6	S4	0'-4 1/2"	Stirrups	2	8'-6 1/2"	26	1'-0"	2'-5 1/2"	1'-7 1/2"	2'-5 1/2"	1'-0"									
*6DE6	6	S4	0'-4 1/2"	Stirrups	2	8'-10"	27	1'-0"	2'-7 1/4"	1'-7 1/2"	2'-7 1/4"	1'-0"									
*6DE7	6	S4	0'-4 1/2"	Long. top	4	8'-11"	54	1'-0"	2'-7 3/4"	1'-7 1/2"	2'-7 3/4"	1'-0"									
SUBTOTAL							398	LBS													



U.S. DEPARTMENT OF TRANSPORTATION
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 EASTERN FEDERAL LANDS HIGHWAY DIVISION

BLUE RIDGE PARKWAY

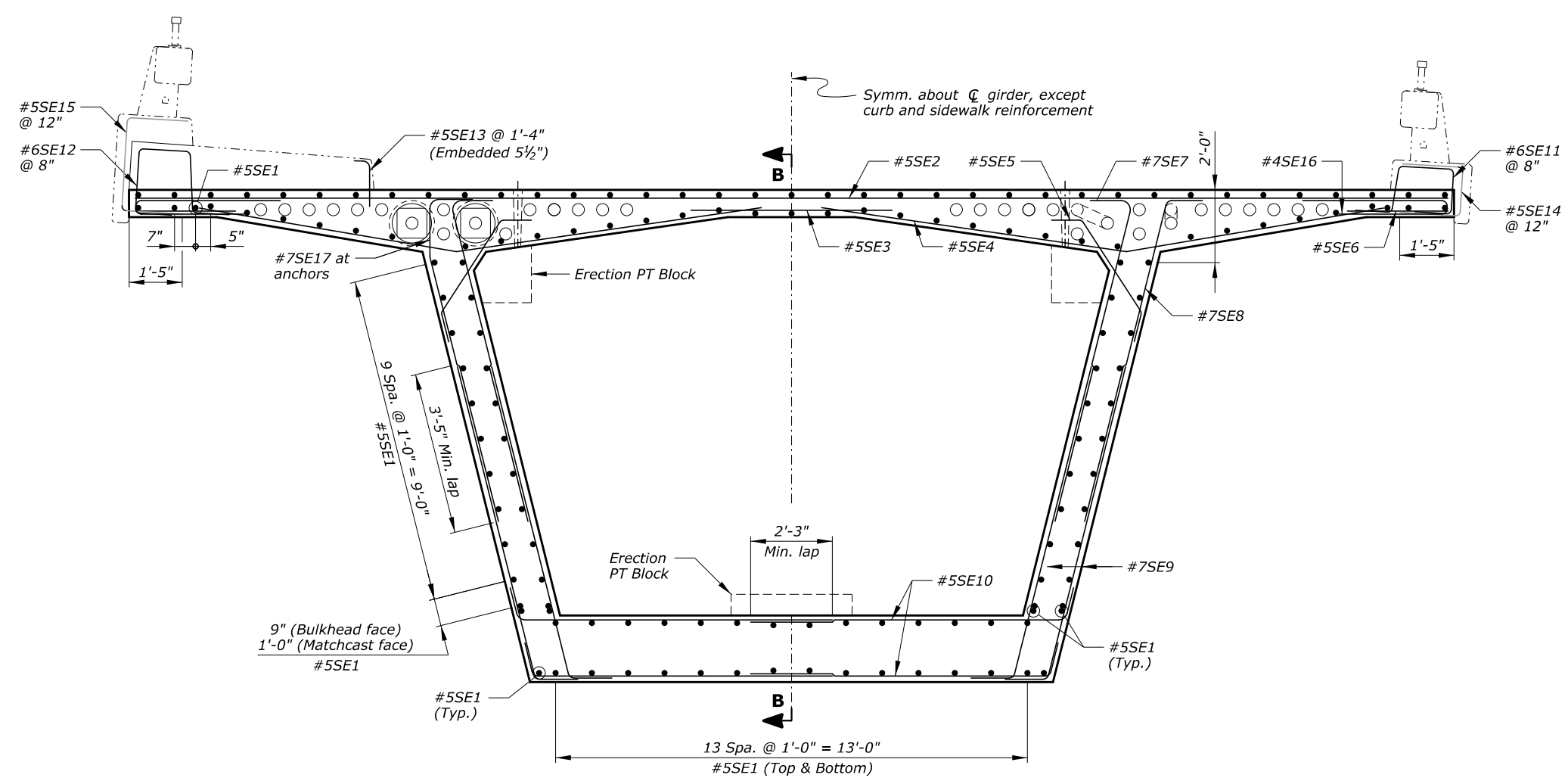
BRIDGE OVER I-26

SEGMENT 1-3D
 BAR LIST

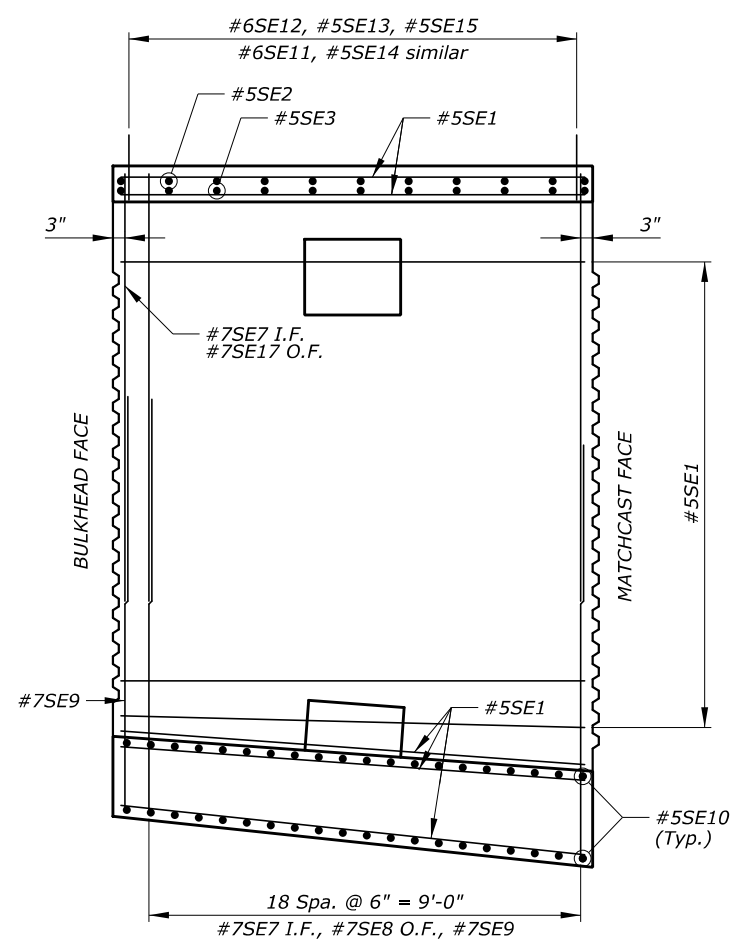
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								CC	CC	LE	No Scale	George Choubah	86 of 228	December 2018	BRP-1265

ACTUAL FILE: R87_BLR1_I26_SEGMENT 1-2D REINF. DGN

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SECTION A-A
Looking upstation



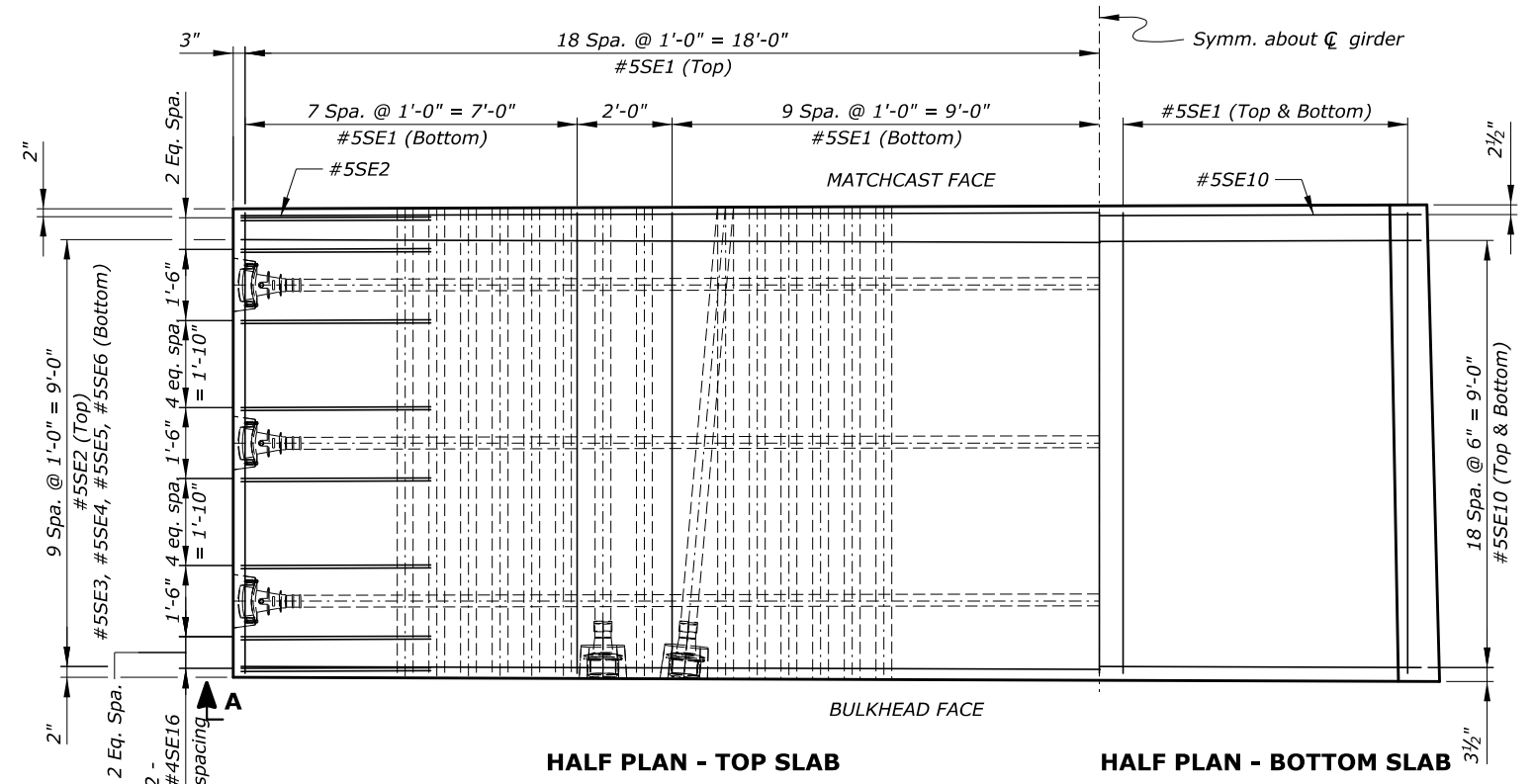
SECTION B-B

Notes:

1. Minimum concrete cover is 2½" at top face of deck, and 1½" at all other faces, unless otherwise noted.
2. Adjust slightly the location of reinforcement to avoid conflict with post-tensioning ducts.
3. For information on reinforcement in erection post-tensioning anchor blocks, see "ERECTION ANCHOR BLOCK" sheet.

Key:

- e.f. = each face
- I.F. = inside face
- O.F. = outside face



HALF PLAN - TOP SLAB

HALF PLAN - BOTTOM SLAB

Upstation ↑

A ↑

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
EASTERN FEDERAL LANDS HIGHWAY DIVISION

BLUE RIDGE PARKWAY

BRIDGE OVER I-26

SEGMENT 1-2D REINFORCEMENT

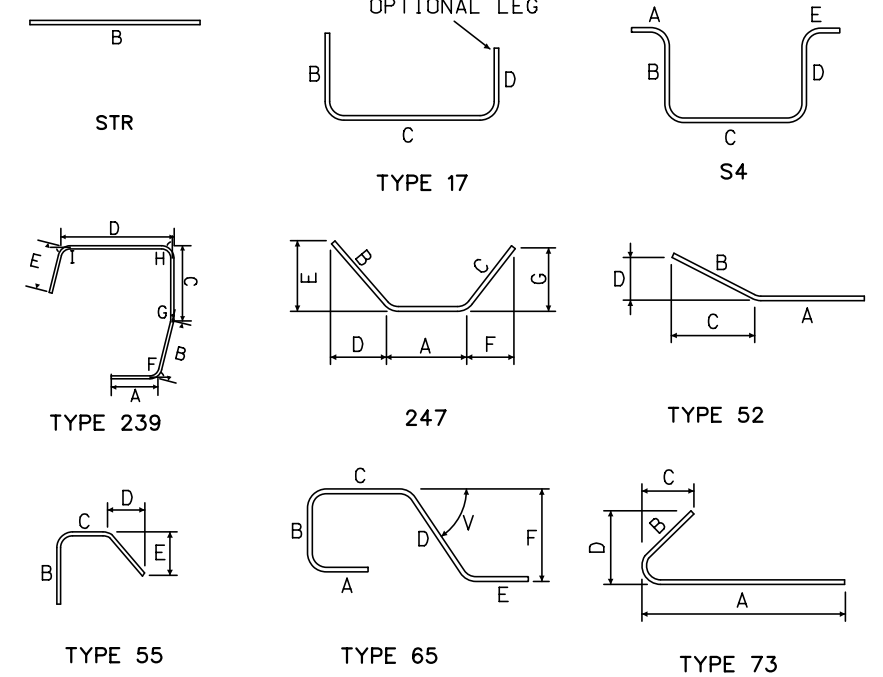
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								CC/CWN	BK/CC	HC	½" = 1'-0"	George Choubah	87 of 228	December 2018	BRP-1265

ACTUAL FILE:R88_BLR1_I26_SEGMENT 1-2D BAR LIST.DGN

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REINFORCING STEEL SCHEDULE				DIMENSION TABLE																
SEGMENT 1-2D BAR LIST				QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N	
BAR MK	SIZE	TYPE	PIN SZ	LOCATION																
*5SE1	5	STR		Longitudinal	152	9'-8"	1533		9'-8"											
*5SE2	5	STR		Trans. top	11	36'-2"	415		36'-2"											
*5SE3	5	STR		Trans. top	11	6'-0"	69		6'-0"											
*5SE4	5	52	0'-3 3/4"	Trans. top	22	16'-10"	386	9'-1"	7'-9"	7'-4 1/2"	2'-5"									
*5SE5	5	247	0'-3 3/4"	Trans. top	22	4'-7"	105	2'-10 1/4"	0'-10"	0'-10"	0'-6 3/4"	0'-7 3/4"	0'-5 1/2"	0'-8 3/4"						
*5SE6	5	STR		Trans. top	22	3'-3"	75		3'-3"											
*7SE7	7	73	0'-5 5/16"	Vert. i.f.	40	10'-3 1/2"	841	9'-1 1/2"	1'-2"	0'-3"	1'-2 1/2"									
*7SE8	7	52	0'-5 5/16"	Vert. o.f.	38	10'-4 1/2"	806	9'-2 1/4"	1'-2"	0'-3 1/2"	1'-1 3/4"									
*7SE9	7	52	0'-5 5/16"	Vert. e.f.	80	10'-1"	1649	8'-11"	1'-2"	0'-3 1/2"	1'-1 3/4"									
*5SE10	5	52	0'-3 3/4"	Trans. bot.	80	9'-2"	765	8'-4"	0'-10"	0'-2 1/2"	0'-9 3/4"									
*6SE11	6	65	0'-4 1/2"	Rail	15	6'-1 1/2"	138	1'-0"	1'-4"	1'-4 1/4"	1'-5 1/4"	1'-0"	1'-5"							77°
*6SE12	6	65	0'-4 1/2"	Rail	15	6'-10"	154	1'-0"	1'-8 1/2"	1'-6"	1'-7 1/4"	1'-0"	1'-7 1/4"							84°
*5SE13	5	17	0'-3 3/4"	Rail	8	1'-8"	14		1'-3"	0'-5"										
*5SE14	5	17	0'-3 3/4"	Rail	10	5'-1 1/2"	53		1'-10 1/2"	1'-4 1/4"	1'-10 1/2"									
*5SE15	5	17	0'-3 3/4"	Rail	10	6'-2"	64		1'-10 1/4"	2'-5 1/2"	1'-10 1/4"									
*4SE16	4	17	0'-3 1/8"	Trans. top	64	7'-5"	317		4'-0"	0'-5"	3'-0"									
*7SE17	7	55	0'-5 5/16"	Vert. o.f.	2	10'-3 1/2"	42		1'-2"	2'-0"	6'-11 1/4"	1'-9 1/2"								
SUBTOTAL							7426 LBS													
ERECTION ANCHOR BLOCK BAR LIST				QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N	
BAR MK	SIZE	TYPE	PIN SZ	LOCATION																
*6DE1	6	S4	0'-4 1/2"	Trans. bot.	6	8'-2 1/2"	74	1'-0"	1'-6 3/4"	3'-1"	1'-6 3/4"	1'-0"								
*6DE2	6	S4	0'-4 1/2"	Long. bot.	6	6'-11"	62	1'-0"	1'-7"	1'-9"	1'-7"	1'-0"								
*6DE3	6	239	0'-4 1/2"	Trans. top	12	7'-3"	131	1'-0"	2'-5 1/4"	1'-6 3/4"	1'-2 3/4"	1'-0"	76°	90°	14°					
*6DE4	6	S4	0'-4 1/2"	Stirrups	2	8'-3 1/2"	25	1'-0"	2'-4"	1'-7 1/2"	2'-4"	1'-0"								
*6DE5	6	S4	0'-4 1/2"	Stirrups	2	8'-6 1/2"	26	1'-0"	2'-5 1/2"	1'-7 1/2"	2'-5 1/2"	1'-0"								
*6DE6	6	S4	0'-4 1/2"	Stirrups	2	8'-10"	27	1'-0"	2'-7 1/4"	1'-7 1/2"	2'-7 1/4"	1'-0"								
*6DE7	6	S4	0'-4 1/2"	Long. top	4	8'-11"	54	1'-0"	2'-7 3/4"	1'-7 1/2"	2'-7 3/4"	1'-0"								
SUBTOTAL							398 LBS													



STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R88

U.S. DEPARTMENT OF TRANSPORTATION
 FEDERAL HIGHWAY ADMINISTRATION
 EASTERN FEDERAL LANDS HIGHWAY DIVISION

BLUE RIDGE PARKWAY

BRIDGE OVER I-26

SEGMENT 1-2D
 BAR LIST

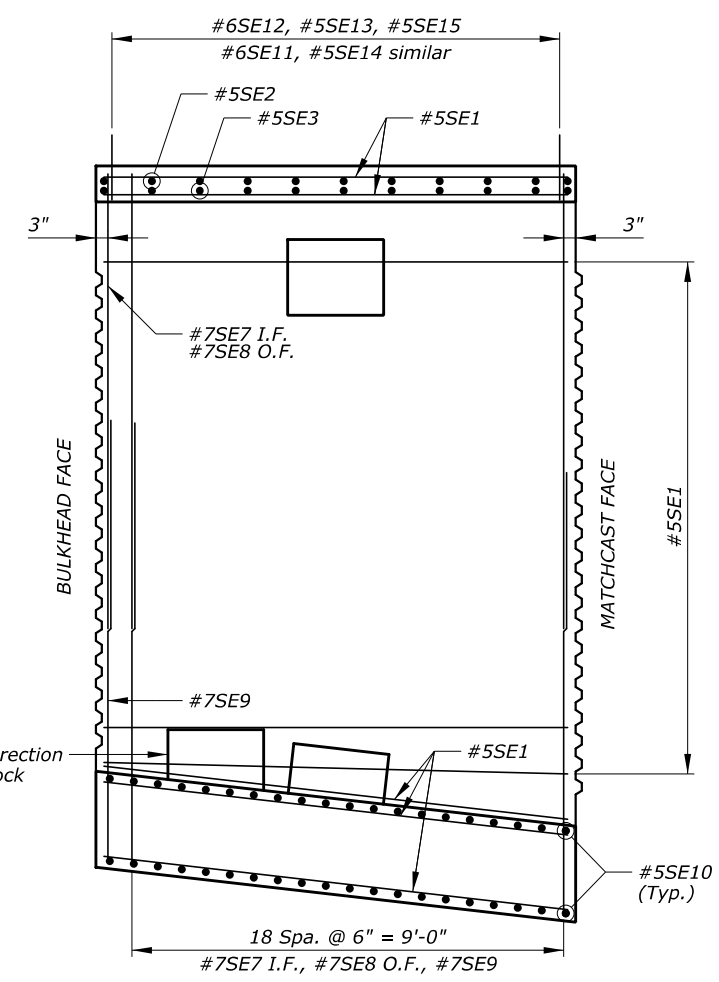
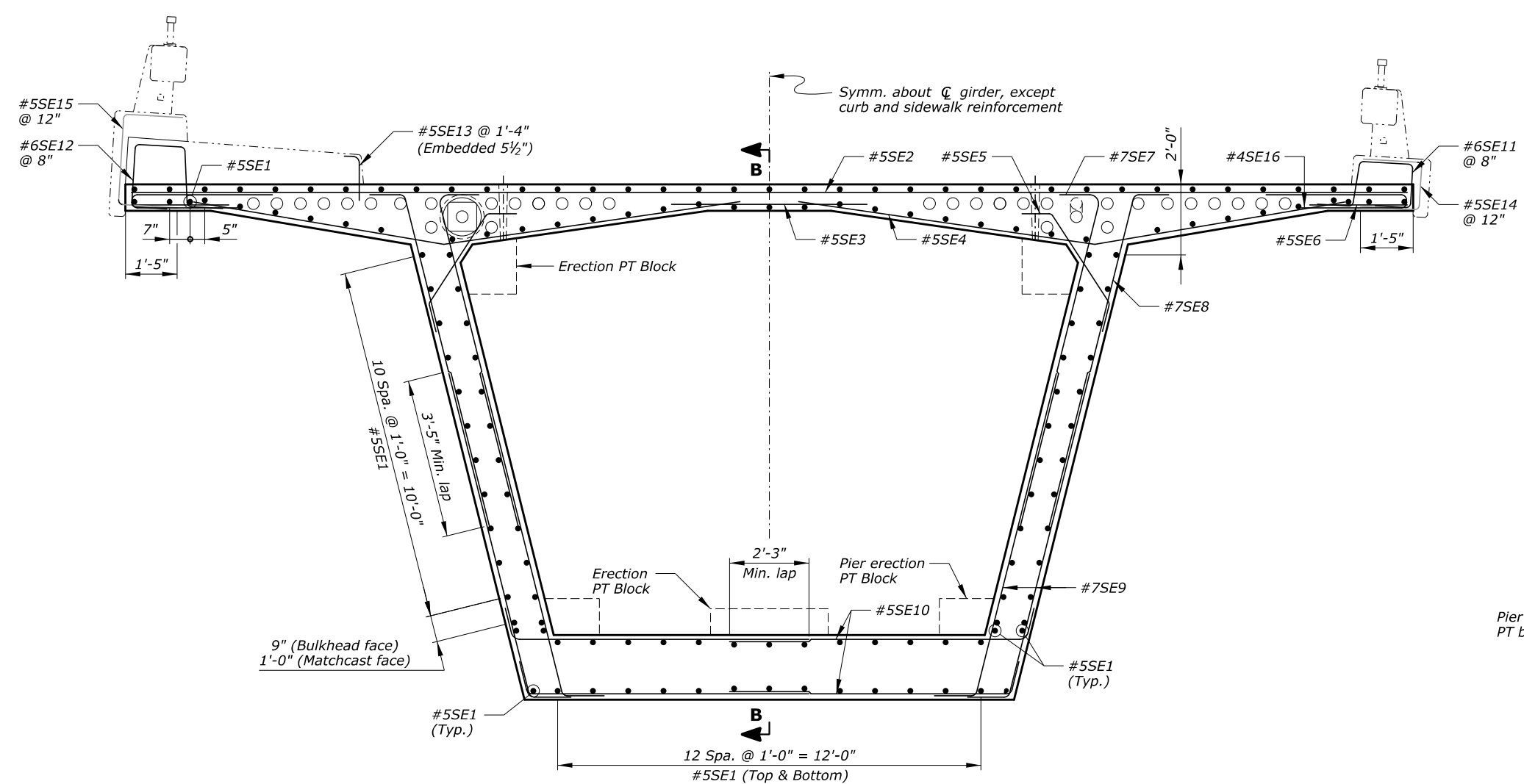
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC	CC	LE	No Scale	George Choubah	88 of 228	December 2018	BRP-1265

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R89

ACTUAL FILE: R89_BLR1_I26_SEGMENT 1-1D REINF. DGN

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SECTION A-A
Looking upstation

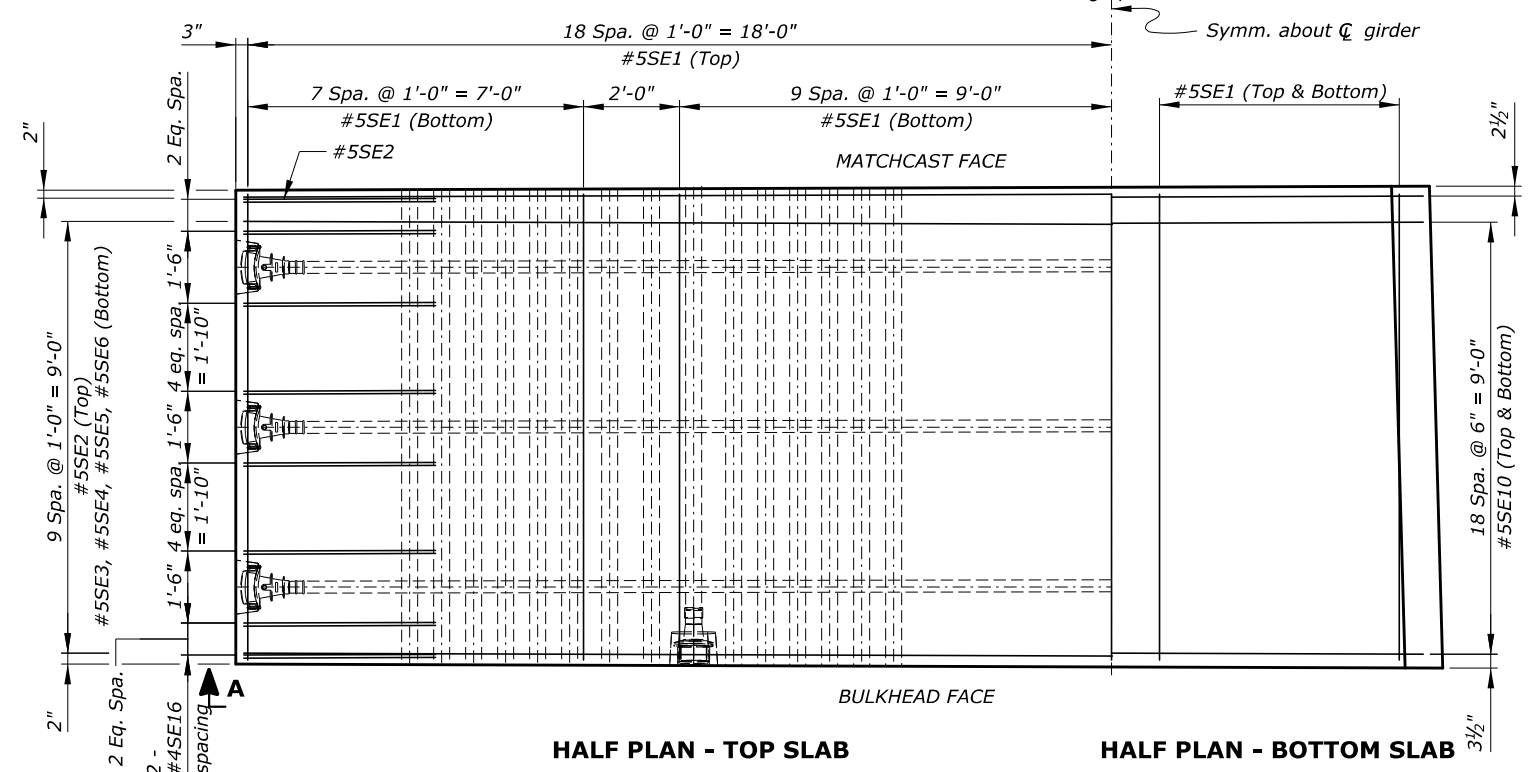
SECTION B-B

Notes:

1. Minimum concrete cover is 2½" at top face of deck, and 1½" at all other faces, unless otherwise noted.
2. Adjust slightly the location of reinforcement to avoid conflict with post-tensioning ducts.
3. For information on reinforcement in erection post-tensioning anchor blocks, see "ERECTION ANCHOR BLOCK" sheet.

Key:

- e.f. = each face
- I.F. = inside face
- O.F. = outside face



HALF PLAN - TOP SLAB

HALF PLAN - BOTTOM SLAB

U.S. DEPARTMENT OF TRANSPORTATION
 FEDERAL HIGHWAY ADMINISTRATION
 EASTERN FEDERAL LANDS HIGHWAY DIVISION
 BLUE RIDGE PARKWAY
 BRIDGE OVER I-26
 SEGMENT 1-1D REINFORCEMENT

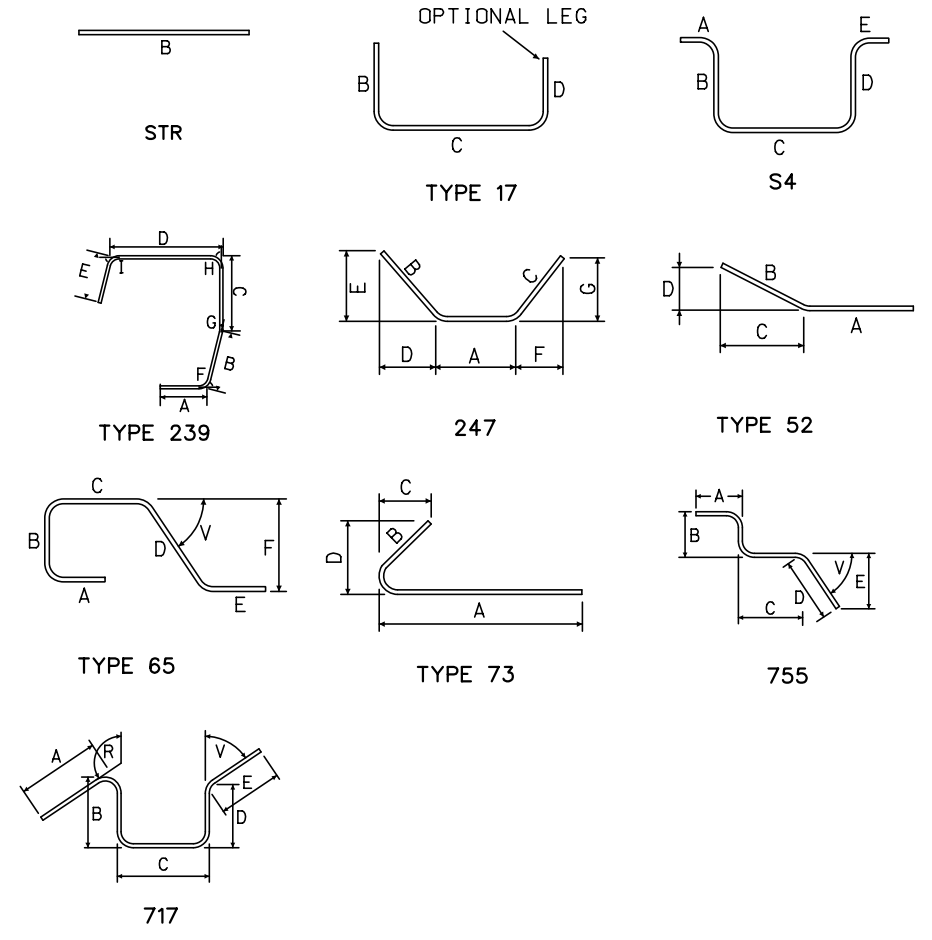
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								CC/CWN	BK/CC	HC	½" = 1'-0"	George Choubah	89 of 228	December 2018	BRP-1265

ACTUAL FILE:R90_BLR1_I26_SEGMENT 1-1D BAR LIST.DGN

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REINFORCING STEEL SCHEDULE				DIMENSION TABLE																	
SEGMENT 1-1D BAR LIST																					
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N	
*5SE1	5	STR		Longitudinal	154	9'-8"	1553		9'-8"												
*5SE2	5	STR		Trans. top	11	36'-2"	415		36'-2"												
*5SE3	5	STR		Trans. top	11	6'-0"	69		6'-0"												
*5SE4	5	52	0'-3 3/4"	Trans. top	22	16'-10"	386	9'-1"	7'-9"	7'-4 1/2"	2'-5"										
*5SE5	5	247	0'-3 3/4"	Trans. top	22	4'-7"	105	2'-10 1/4"	0'-10"	0'-10"	0'-6 3/4"	0'-7 3/4"	0'-5 1/2"	0'-8 3/4"							
*5SE6	5	STR		Trans. top	22	3'-3"	75		3'-3"												
*7SE7	7	73	0'-5 5/16"	Vert. i.f.	40	10'-10 1/2"	889	9'-8 1/2"	1'-2"	0'-3"	1'-2 1/2"										
*7SE8	7	52	0'-5 5/16"	Vert. o.f.	40	10'-11 1/2"	896	9'-9 1/4"	1'-2"	0'-3 1/2"	1'-1 3/4"										
*7SE9	7	52	0'-5 5/16"	Vert. e.f.	80	10'-8 1/2"	1751	9'-6 1/4"	1'-2"	0'-3 1/2"	1'-1 3/4"										
*5SE10	5	52	0'-3 3/4"	Trans. bot.	80	9'-0"	751	8'-1 3/4"	0'-10"	0'-2 1/2"	0'-9 3/4"										
*6SE11	6	65	0'-4 1/2"	Rail	15	6'-1 1/2"	138	1'-0"	1'-4"	1'-4 1/4"	1'-5 1/4"	1'-0"	1'-5"							77°	
*6SE12	6	65	0'-4 1/2"	Rail	15	6'-10"	154	1'-0"	1'-8 1/2"	1'-6"	1'-7 1/4"	1'-0"	1'-7 1/4"								84°
*5SE13	5	17	0'-3 3/4"	Rail	8	1'-8"	14		1'-3"	0'-5"											
*5SE14	5	17	0'-3 3/4"	Rail	10	5'-1 1/2"	53		1'-10 1/2"	1'-4 1/4"	1'-10 1/2"										
*5SE15	5	17	0'-3 3/4"	Rail	10	6'-2"	64		1'-10 1/4"	2'-5 1/2"	1'-10 1/4"										
*4SE16	4	17	0'-3 1/8"	Trans. top	64	7'-5"	317		4'-0"	0'-5"	3'-0"										
SUBTOTAL							7630 LBS														
ERECTION ANCHOR BLOCK BAR LIST																					
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N	
*6DE1	6	S4	0'-4 1/2"	Trans. bot.	6	8'-2 1/2"	74	1'-0"	1'-6 3/4"	3'-1"	1'-6 3/4"	1'-0"									
*6DE2	6	S4	0'-4 1/2"	Long. bot.	6	6'-11"	62	1'-0"	1'-7"	1'-9"	1'-7"	1'-0"									
*6DE3	6	239	0'-4 1/2"	Trans. top	12	7'-3"	131	1'-0"	2'-5 1/4"	1'-6 3/4"	1'-2 3/4"	1'-0"	76°	90°	14°						
*6DE4	6	S4	0'-4 1/2"	Stirrups	2	8'-3 1/2"	25	1'-0"	2'-4"	1'-7 1/2"	2'-4"	1'-0"									
*6DE5	6	S4	0'-4 1/2"	Stirrups	2	8'-6 1/2"	26	1'-0"	2'-5 1/2"	1'-7 1/2"	2'-5 1/2"	1'-0"									
*6DE6	6	S4	0'-4 1/2"	Stirrups	2	8'-10"	27	1'-0"	2'-7 1/4"	1'-7 1/2"	2'-7 1/4"	1'-0"									
*6DE7	6	S4	0'-4 1/2"	Long. top	4	8'-11"	54	1'-0"	2'-7 3/4"	1'-7 1/2"	2'-7 3/4"	1'-0"									
*6DE8	6	755	0'-4 1/2"	Trans. bot.	2	7'-8"	138	1'-0"	2'-9 1/2"	2'-10 1/4"	1'-0"	0'-11 3/4"								76°	
					sets to of 6 at 0'-2" incr.					to 3'-8 1/2" at 0'-2" incr.											
*6DE9	6	717	0'-4 1/2"	Long. bot.	12	9'-2"	165	1'-0"	2'-8"	1'-7 1/2"	2'-10 1/2"	1'-0"								97° 83°	
SUBTOTAL							710 LBS														

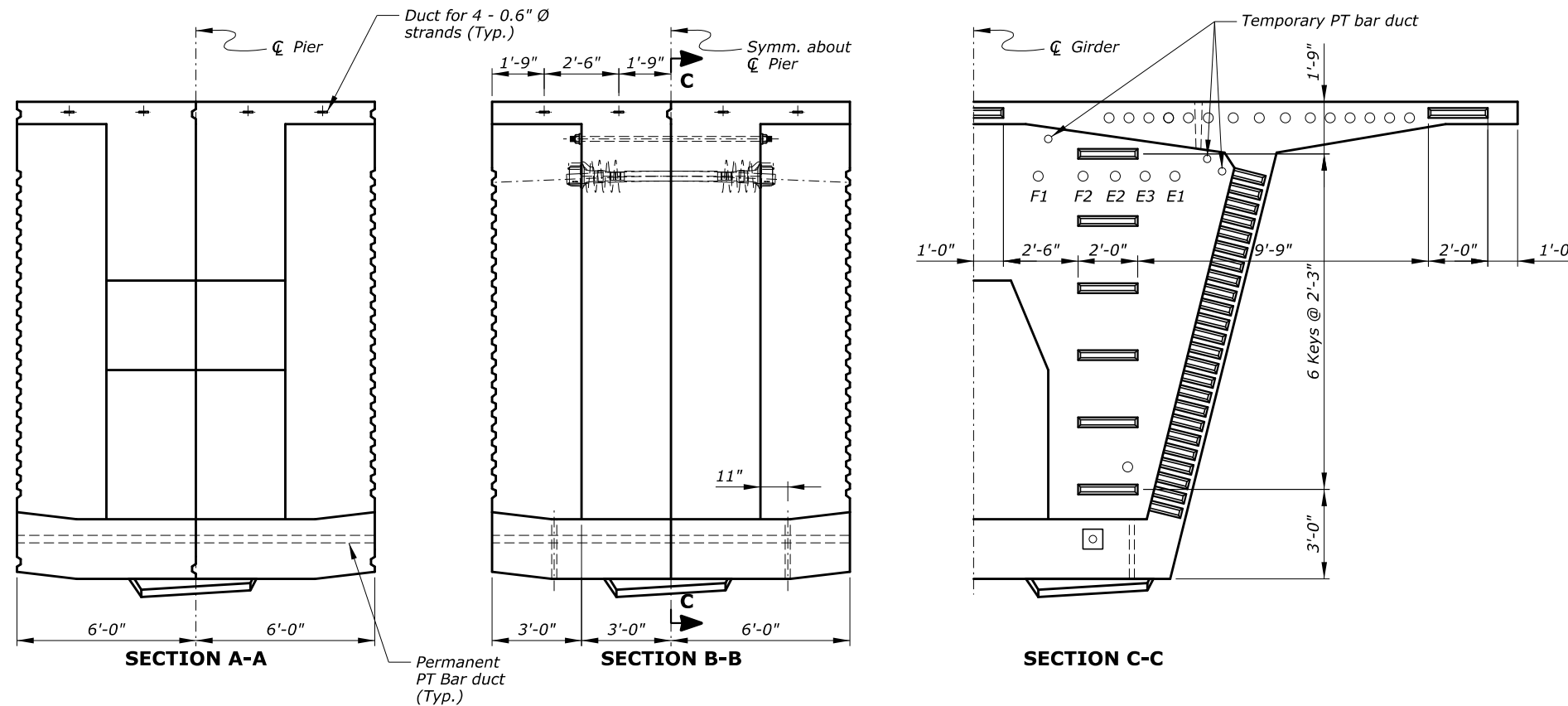
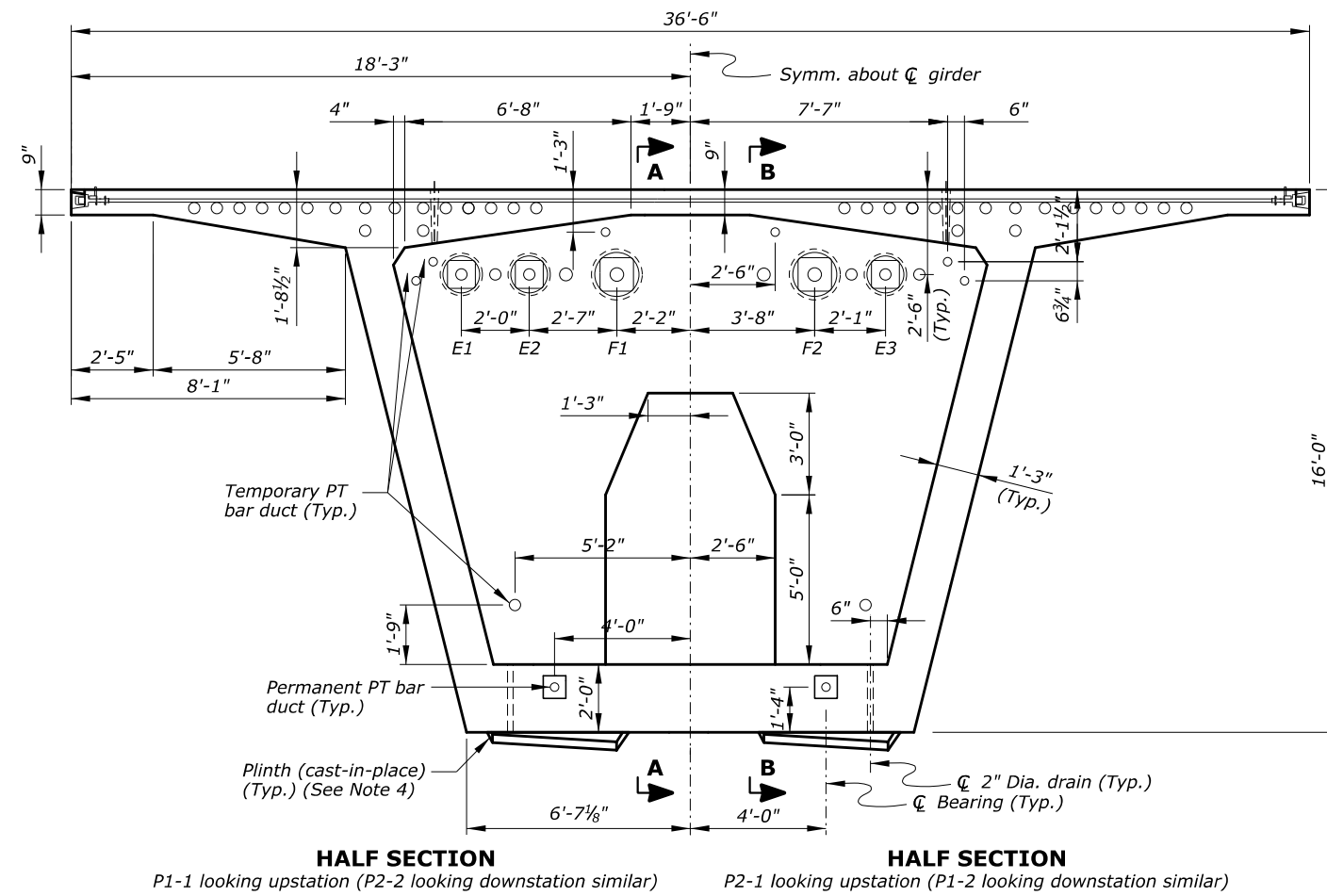


STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R90

U.S. DEPARTMENT OF TRANSPORTATION
 FEDERAL HIGHWAY ADMINISTRATION
 EASTERN FEDERAL LANDS HIGHWAY DIVISION
 BLUE RIDGE PARKWAY
 BRIDGE OVER I-26
 SEGMENT 1-1D
 BAR LIST

NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC	CC	LE	No Scale	George Choubah	90 of 228	December 2018	BRP-1265

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R91



Notes:

1. Dimensions shown are along C girder.
2. See "TOP ERECTION PT BAR DETAILS ANCHOR BLOCK DETAILS" sheet for location of top erection post-tensioning bars.
3. See "BULKHEAD DETAILS" sheet for shear key locations and details.
4. Plinths shown on this sheet are schematic and not to scale.

U.S. DEPARTMENT OF TRANSPORTATION
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EASTERN FEDERAL LANDS HIGHWAY DIVISION

BLUE RIDGE PARKWAY

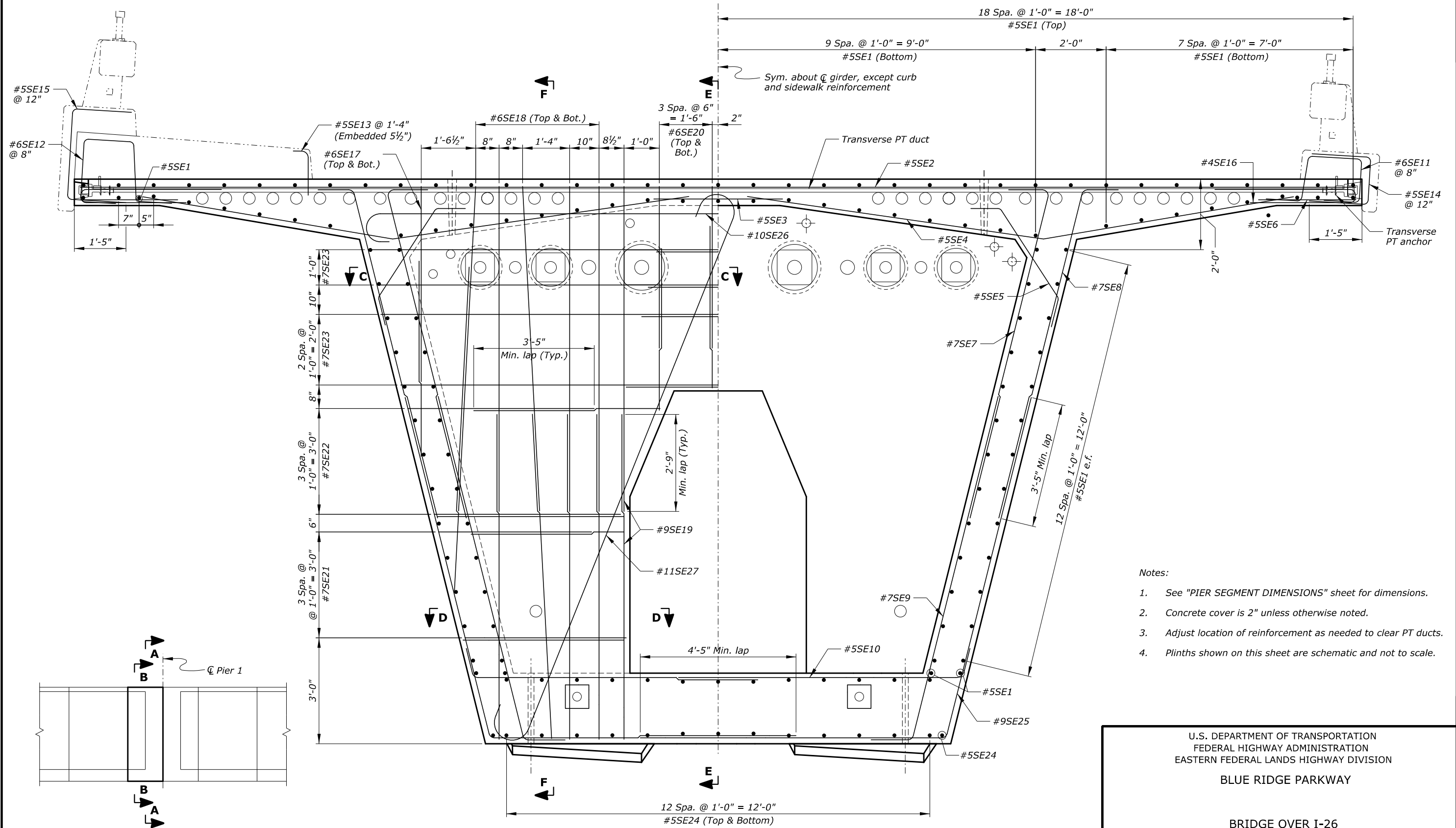
BRIDGE OVER I-26

PIER SEGMENT DIMENSIONS

NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC	BK/CC	HC	3/8" = 1'-0"	George Choubah	91 of 228	December 2018	BRP-1265

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R92

ACTUAL FILE: R92_BLR_I26_SEGMENT P1-1 REINF - 1.DGN
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- Notes:
- See "PIER SEGMENT DIMENSIONS" sheet for dimensions.
 - Concrete cover is 2" unless otherwise noted.
 - Adjust location of reinforcement as needed to clear PT ducts.
 - Plinths shown on this sheet are schematic and not to scale.

U.S. DEPARTMENT OF TRANSPORTATION
 FEDERAL HIGHWAY ADMINISTRATION
 EASTERN FEDERAL LANDS HIGHWAY DIVISION
 BLUE RIDGE PARKWAY
 BRIDGE OVER I-26
 SEGMENT P1-1 REINFORCEMENT - 1

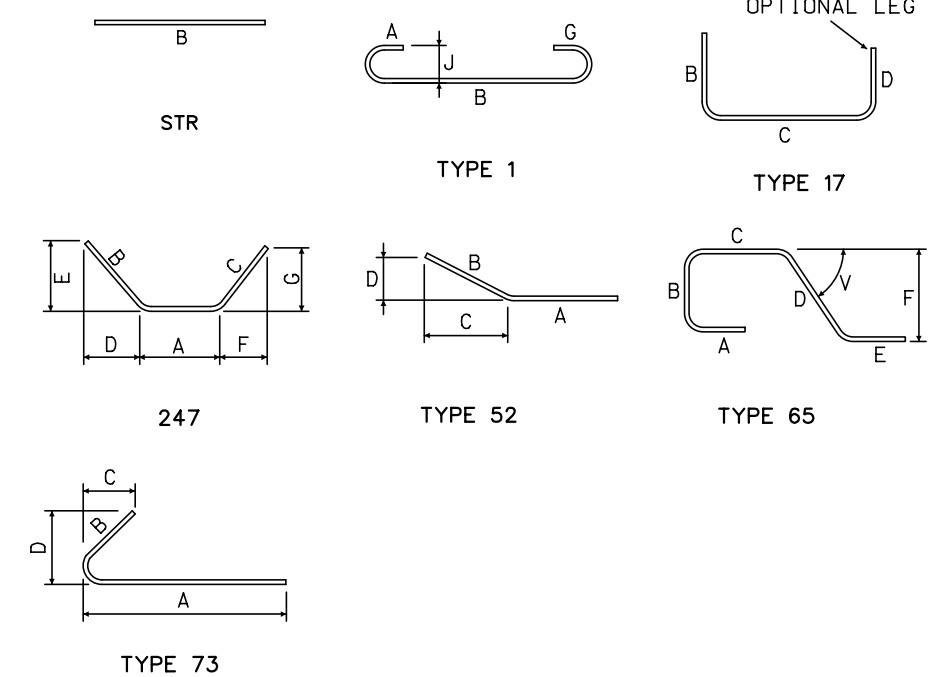
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								CC	BK	HC	3/4" = 1'-0"	George Choubah	92 of 228	December 2018	BRP-1265

ACTUAL FILE:R94_BLR1_I26_SEGMENT P1-1 BAR LIST.DGN

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REINFORCING STEEL SCHEDULE				DIMENSION TABLE																
SEGMENT P1-1 BAR LIST				QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N	
*5SE1	5	STR	Longitudinal	130	5'-8"	768		5'-8"												
*5SE2	5	STR	Trans. top	7	36'-2"	264		36'-2"												
*5SE3	5	STR	Trans. top	7	6'-0"	44		6'-0"												
*5SE4	5	52	0'-3 3/4" Trans. top	14	16'-10"	246	9'-1"	7'-9"	7'-4 1/2"	2'-5"										
*5SE5	5	247	0'-3 3/4" Trans. top	14	4'-7"	67	2'-10 1/4"	0'-10"	0'-10"	0'-6 3/4"	0'-7 3/4"	0'-5 1/2"	0'-8 3/4"							
*5SE6	5	STR	Trans. top	14	3'-3"	47		3'-3"												
*7SE7	7	73	0'-5 5/16" Vert. i.f.	24	11'-0"	540	9'-10"	1'-2"	0'-3"	1'-2 1/2"										
*7SE8	7	52	0'-5 5/16" Vert. o.f.	24	11'-0 1/2"	542	9'-10 3/4"	1'-2"	0'-3 1/2"	1'-1 3/4"										
*7SE9	7	52	0'-5 5/16" Vert. i.f.	24	10'-8 1/2"	525	9'-7"	1'-1 1/2"	0'-3 1/4"	1'-1 1/2"										
*5SE10	5	52	0'-3 3/4" Trans. bot.	24	8'-8 1/2"	218	7'-10 1/4"	0'-10"	0'-2 1/2"	0'-9 3/4"										
*6SE11	6	65	0'-4 1/2" Rail	9	6'-1 1/2"	83	1'-0"	1'-4"	1'-4 1/4"	1'-5 1/4"	1'-0"	1'-5"							77°	
*6SE12	6	65	0'-4 1/2" Rail	9	6'-10"	92	1'-0"	1'-8 1/2"	1'-6"	1'-7 1/4"	1'-0"	1'-7 1/4"							84°	
*5SE13	5	17	0'-3 3/4" Rail	4	1'-8"	7		1'-3"	0'-5"											
*5SE14	5	17	0'-3 3/4" Rail	6	5'-1 1/2"	32		1'-10 1/2"	1'-4 1/4"	1'-10 1/2"										
*5SE15	5	17	0'-3 3/4" Rail	6	5'-10 1/2"	37		1'-9 1/4"	2'-4"	1'-9 1/4"										
*4SE16	4	17	0'-3 1/8" Trans. top	40	7'-5"	198		4'-0"	0'-5"	3'-0"										
*6SE17	6	17	0'-4 1/2" Vert.	40	20'-2 1/2"	1214		9'-1 1/4"	2'-0"	9'-1 1/4"										
*6SE18	6	17	0'-4 1/2" Vert.	8	12'-5 1/2"	150		5'-2 3/4"	2'-0"	5'-2 3/4"										
*9SE19	9	17	0'-9 1/16" Vert.	8	21'-10 1/2"	595		9'-11 1/4"	2'-0"	9'-11 1/4"										
*6SE20	6	17	0'-4 1/2" Vert.	32	11'-0"	529		4'-6"	2'-0"	4'-6"										
*7SE21	7	17	0'-5 5/16" Horiz.	32	10'-8"	698		4'-4"	2'-0"	4'-4"										
*6SE22	6	17	0'-4 1/2" Horiz.	32	12'-7"	605		5'-3 1/2"	2'-0"	5'-3 1/2"										
*7SE23	7	17	0'-5 5/16" Horiz.	20	25'-3 1/2"	1034		11'-7 3/4"	2'-0"	11'-7 3/4"										
*5SE24	5	52	0'-3 3/4" Long. bot.	28	5'-8 1/2"	167	3'-10"	1'-10 1/4"	1'-10"	0'-3 1/4"										
*9SE25	9	52	0'-9 1/16" Vert. o.f.	24	18'-4"	1496	9'-7 1/2"	8'-8 1/2"	2'-1 1/4"	8'-5 1/2"										
*10SE26	10	1	0'-10 3/16" Trans. top	4	22'-11 1/2"	395	1'-5"	20'-1 1/4"			1'-5"	1'-1 1/4"								
*11SE27	11	1	1'-0" Vert.	12	19'-8"	1254	1'-7"	16'-6"			1'-7"	1'-2 3/4"								
SUBTOTAL						11846 LBS														



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 FEDERAL HIGHWAY ADMINISTRATION
 EASTERN FEDERAL LANDS HIGHWAY DIVISION

BLUE RIDGE PARKWAY

BRIDGE OVER I-26

SEGMENT P1-1
 BAR LIST

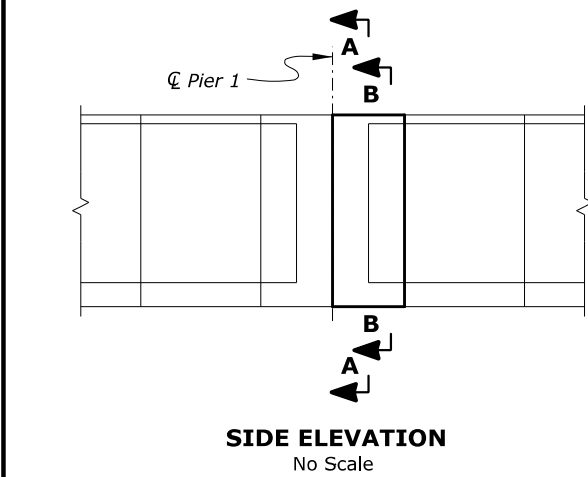
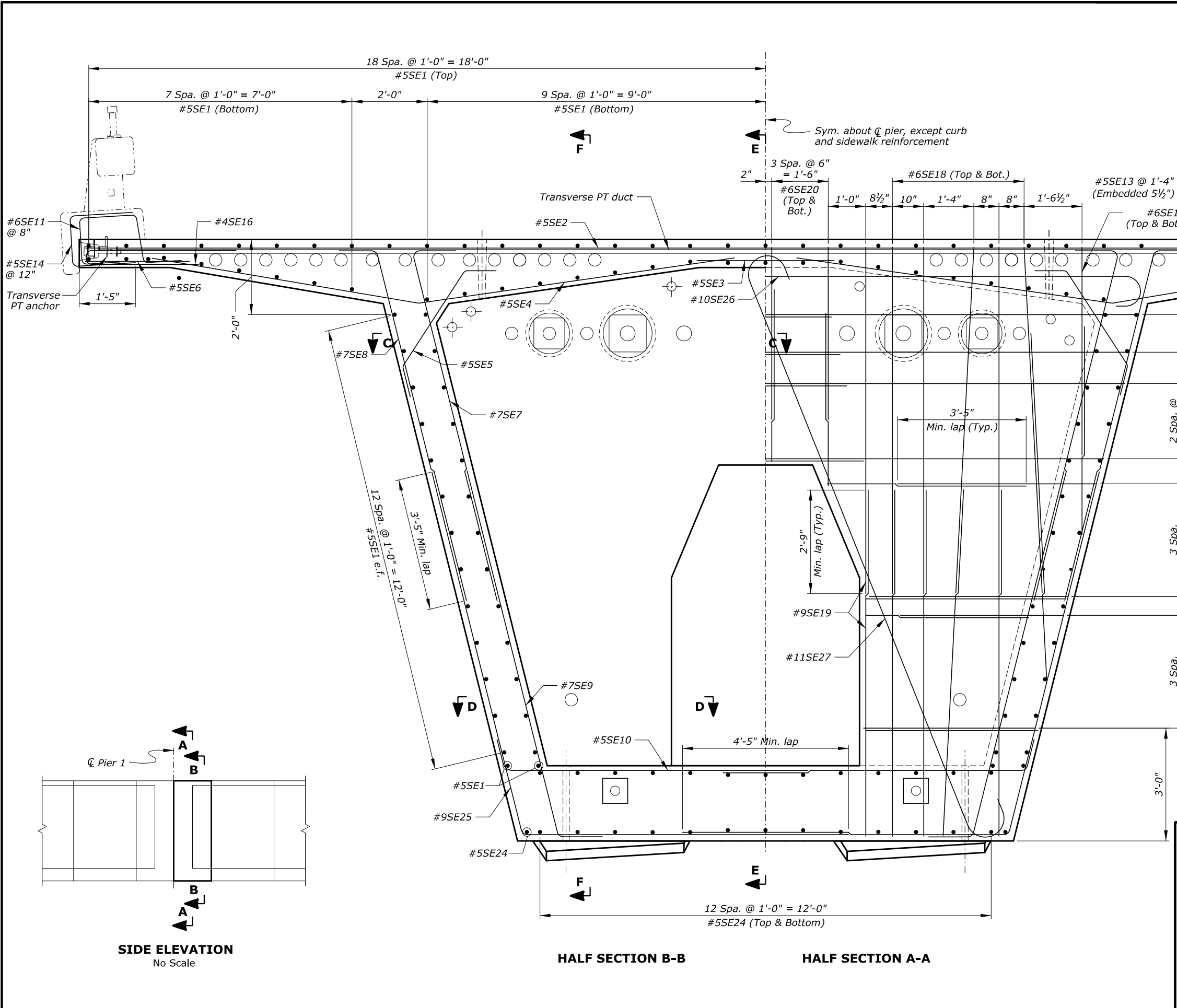
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC	CC	LE	No Scale	George Choubah	94 of 228	December 2018	BRP-1265

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R95

ACTUAL FILE:R95_BLR1_I26_SEGMENT P1-2 REINF - 1.DGN

M:\PROJECTS\STATE_DOT\NC\brl_i26_nepa\Bridges\Microstation\Bridges Design Files\NO_PROJECTS.dgn

14-Dec-2018 12:19 PM



- Notes:
1. See "PIER SEGMENT DIMENSIONS" sheet for dimensions.
 2. Concrete cover is 2" unless otherwise noted.
 3. Adjust location of reinforcement as needed to clear PT ducts.
 4. Plinths shown on this sheet are schematic and not to scale.

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 BLUE RIDGE PARKWAY
 BRIDGE OVER I-26
 SEGMENT P1-2 REINFORCEMENT - 1

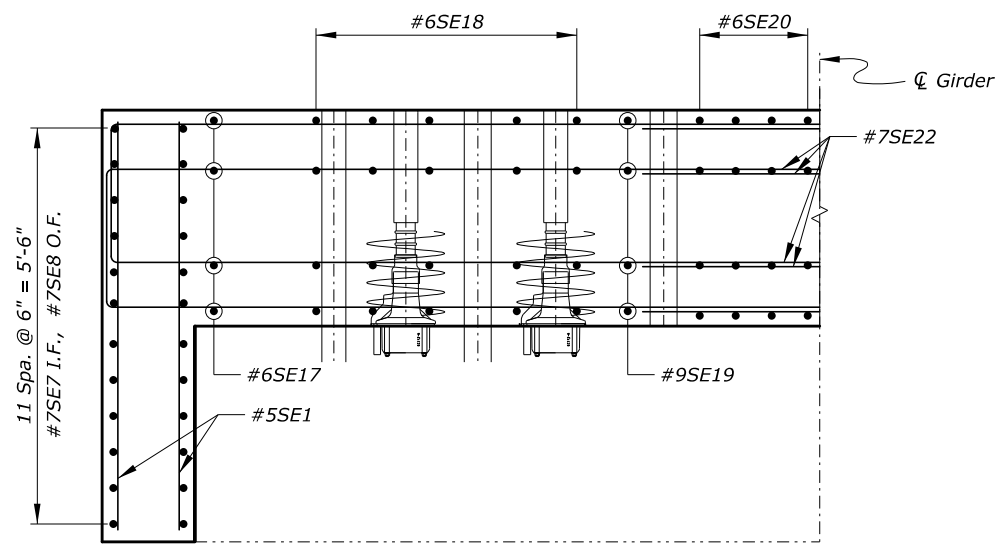
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC	BK	HC	3/4" = 1'-0"	George Choubah	95 of 228	December 2018	BRP-1265

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R96

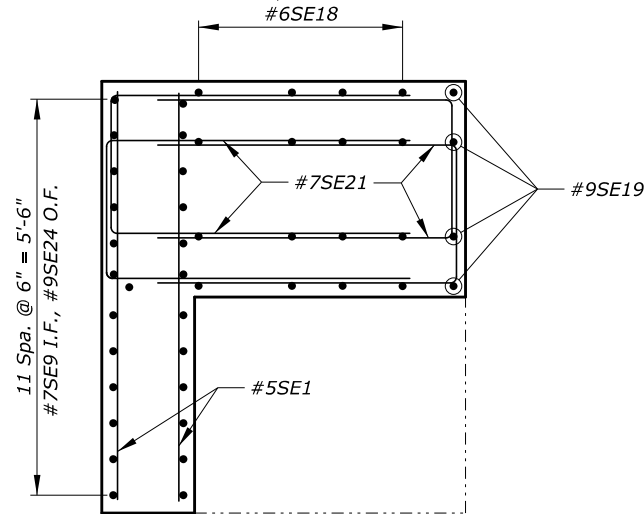
ACTUAL FILE:R96_BLR1_I26_SEGMENT P1-2 REINF - 2.DGN

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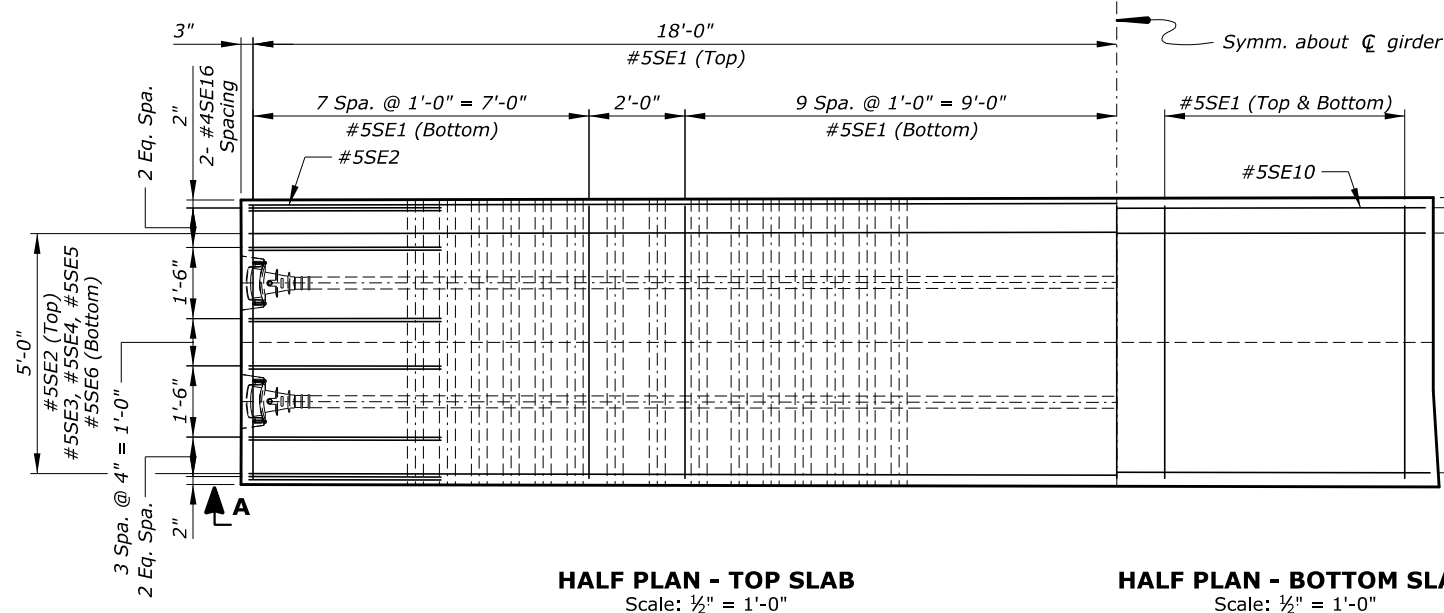
14-Dec-2018 12:19 PM



SECTION C-C
Scale: 3/4" = 1'-0"

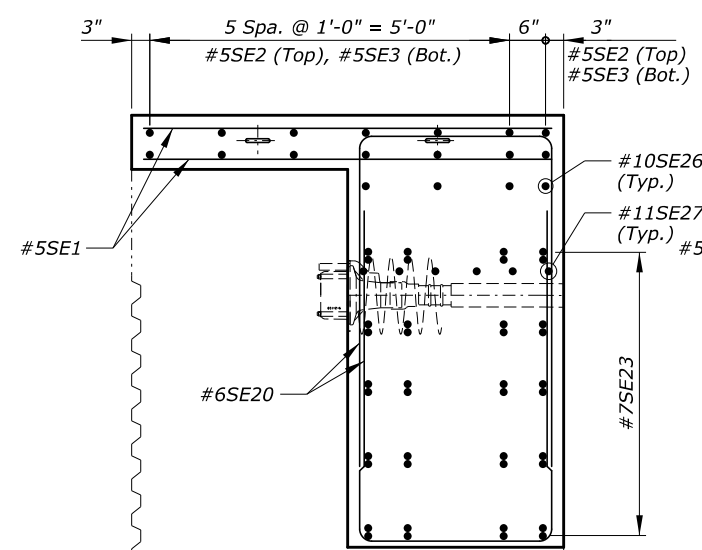


SECTION D-D
Scale: 3/4" = 1'-0"

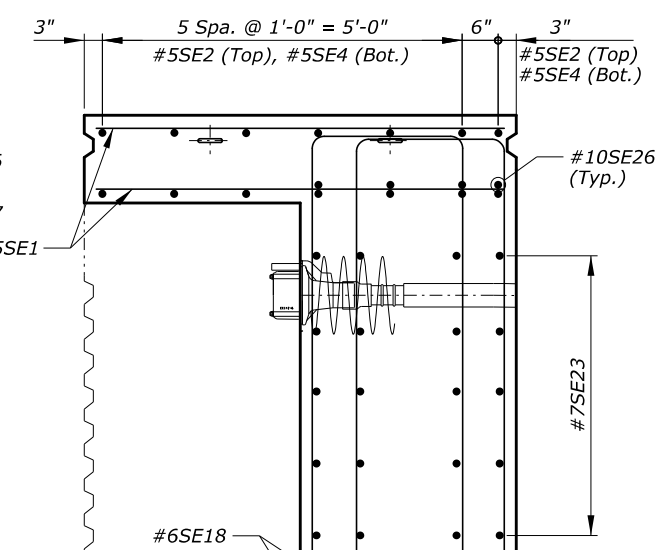


HALF PLAN - TOP SLAB
Scale: 1/2" = 1'-0"

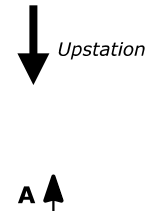
HALF PLAN - BOTTOM SLAB
Scale: 1/2" = 1'-0"



SECTION E-E
Scale: 3/4" = 1'-0"



SECTION F-F
Scale: 3/4" = 1'-0"



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BLUE RIDGE PARKWAY

BRIDGE OVER I-26

SEGMENT P1-2 REINFORCEMENT - 2

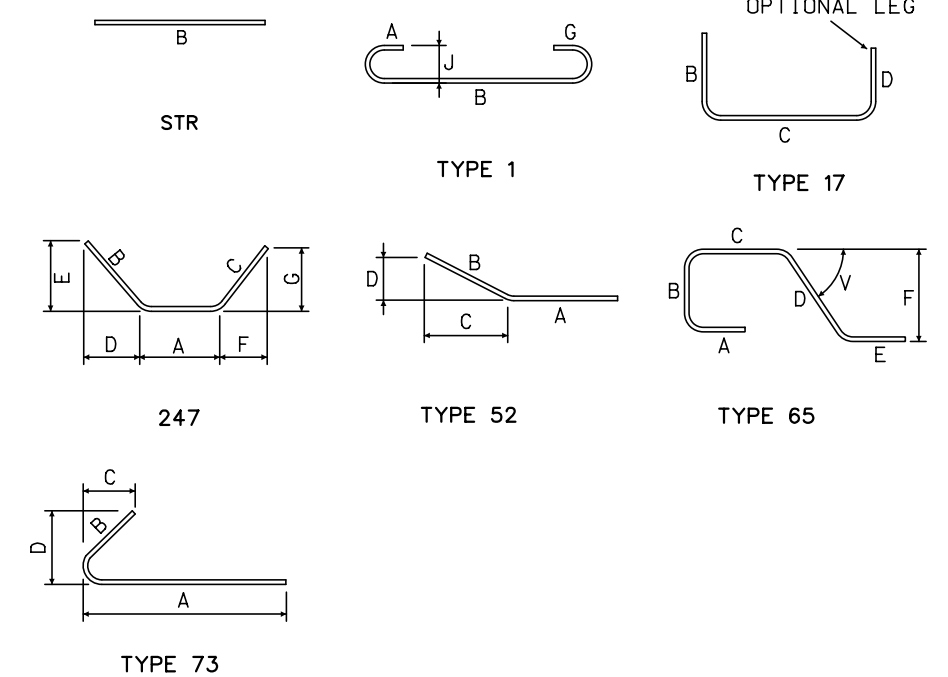
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								CC	BK	HC	As Shown	George Choubah	96 of 228	December 2018	BRP-1265

ACTUAL FILE:R97_BLR1_I26_SEGMENT P1-2 BAR LIST.DGN

M:\PROJECTS\STATE_DOT\NC\brl_126_nepa\Bridges\Microstation\Bridges Design Files\NO_PROJECTS.dgn

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REINFORCING STEEL SCHEDULE				DIMENSION TABLE																
SEGMENT P1-2 BAR LIST				QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N	
*5SE1	5	STR	Longitudinal	130	5'-8"	768		5'-8"												
*5SE2	5	STR	Trans. top	7	36'-2"	264		36'-2"												
*5SE3	5	STR	Trans. top	7	6'-0"	44		6'-0"												
*5SE4	5	52	0'-3 3/4" Trans. top	14	16'-10"	246	9'-1"	7'-9"	7'-4 1/2"	2'-5"										
*5SE5	5	247	0'-3 3/4" Trans. top	14	4'-7"	67	2'-10 1/4"	0'-10"	0'-10"	0'-6 3/4"	0'-7 3/4"	0'-5 1/2"	0'-8 3/4"							
*5SE6	5	STR	Trans. top	14	3'-3"	47		3'-3"												
*7SE7	7	73	0'-5 5/16" Vert. i.f.	24	11'-0"	540	9'-10"	1'-2"	0'-3"	1'-2 1/2"										
*7SE8	7	52	0'-5 5/16" Vert. o.f.	24	11'-0 1/2"	542	9'-10 3/4"	1'-2"	0'-3 1/2"	1'-1 3/4"										
*7SE9	7	52	0'-5 5/16" Vert. i.f.	24	10'-8 1/2"	525	9'-7"	1'-1 1/2"	0'-3 1/4"	1'-1 1/2"										
*5SE10	5	52	0'-3 3/4" Trans. bot.	24	8'-8 1/2"	218	7'-10 1/4"	0'-10"	0'-2 1/2"	0'-9 3/4"										
*6SE11	6	65	0'-4 1/2" Rail	9	6'-1 1/2"	83	1'-0"	1'-4"	1'-4 1/4"	1'-5 1/4"	1'-0"	1'-5"							77°	
*6SE12	6	65	0'-4 1/2" Rail	9	6'-10"	92	1'-0"	1'-8 1/2"	1'-6"	1'-7 1/4"	1'-0"	1'-7 1/4"							84°	
*5SE13	5	17	0'-3 3/4" Rail	4	1'-8"	7		1'-3"	0'-5"											
*5SE14	5	17	0'-3 3/4" Rail	6	5'-1 1/2"	32		1'-10 1/2"	1'-4 1/4"	1'-10 1/2"										
*5SE15	5	17	0'-3 3/4" Rail	6	5'-10 1/2"	37		1'-9 1/4"	2'-4"	1'-9 1/4"										
*4SE16	4	17	0'-3 1/8" Trans. top	40	7'-5"	198		4'-0"	0'-5"	3'-0"										
*6SE17	6	17	0'-4 1/2" Vert.	40	20'-2 1/2"	1214		9'-1 1/4"	2'-0"	9'-1 1/4"										
*6SE18	6	17	0'-4 1/2" Vert.	8	12'-5 1/2"	150		5'-2 3/4"	2'-0"	5'-2 3/4"										
*9SE19	9	17	0'-9 1/16" Vert.	8	21'-10 1/2"	595		9'-11 1/4"	2'-0"	9'-11 1/4"										
*6SE20	6	17	0'-4 1/2" Vert.	32	11'-0"	529		4'-6"	2'-0"	4'-6"										
*7SE21	7	17	0'-5 5/16" Horiz.	32	10'-8"	698		4'-4"	2'-0"	4'-4"										
*6SE22	6	17	0'-4 1/2" Horiz.	32	12'-7"	605		5'-3 1/2"	2'-0"	5'-3 1/2"										
*7SE23	7	17	0'-5 5/16" Horiz.	20	25'-3 1/2"	1034		11'-7 3/4"	2'-0"	11'-7 3/4"										
*5SE24	5	52	0'-3 3/4" Long. bot.	28	5'-8 1/2"	167	3'-10"	1'-10 1/4"	1'-10"	0'-3 1/4"										
*9SE25	9	52	0'-9 1/16" Vert. o.f.	24	18'-4"	1496	9'-7 1/2"	8'-8 1/2"	2'-1 1/4"	8'-5 1/2"										
*10SE26	10	1	0'-10 3/16" Trans. top	4	22'-11 1/2"	395	1'-5"	20'-1 1/4"			1'-5"	1'-1 1/4"								
*11SE27	11	1	1'-0" Vert.	12	19'-8"	1254	1'-7"	16'-6"			1'-7"	1'-2 3/4"								
SUBTOTAL						11846 LBS														



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BLUE RIDGE PARKWAY

BRIDGE OVER I-26

SEGMENT P1-2
 BAR LIST

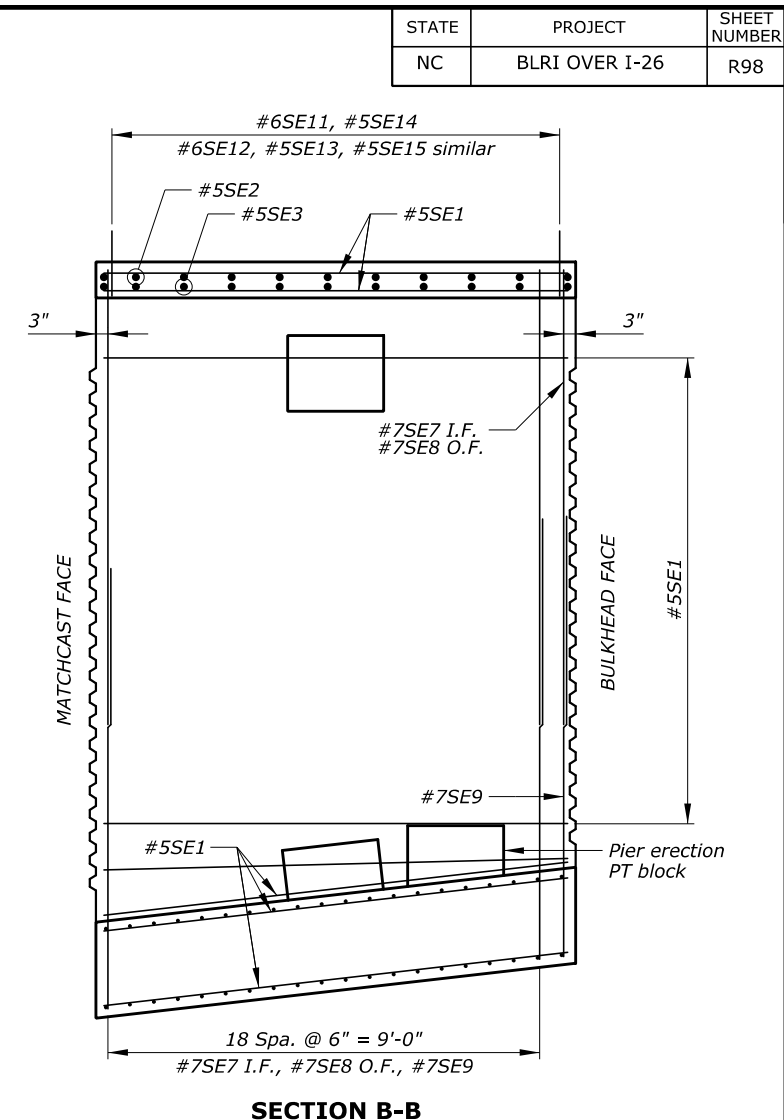
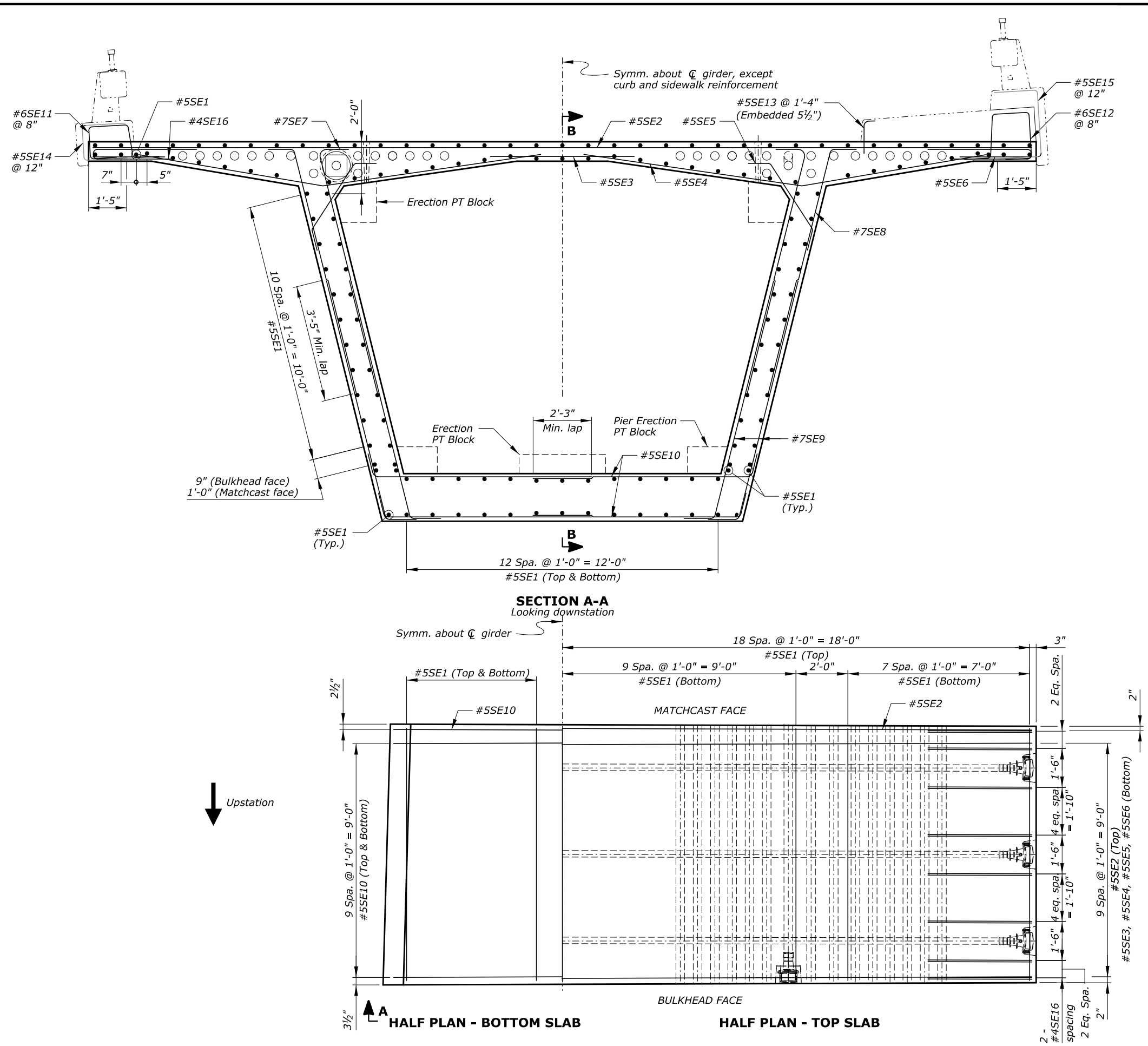
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC	CC	LE	No Scale	George Choubah	97 of 228	December 2018	BRP-1265

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R98

ACTUAL FILE: R98_BLR1_I26_SEGMENT 1-1U REINF. DGN

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- Notes:
- Minimum concrete cover is 2 1/2" at top face of deck, and 1 1/2" at all other faces, unless otherwise noted.
 - Adjust slightly the location of reinforcement to avoid conflict with post-tensioning ducts.
 - For information on reinforcement in erection post-tensioning anchor blocks, see "ERECTION ANCHOR BLOCK" sheet.
- Key:
- e.f. = each face
 - I.F. = inside face
 - O.F. = outside face

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 EASTERN FEDERAL LANDS HIGHWAY DIVISION
 BLUE RIDGE PARKWAY
 BRIDGE OVER I-26
 SEGMENT 1-1U REINFORCEMENT

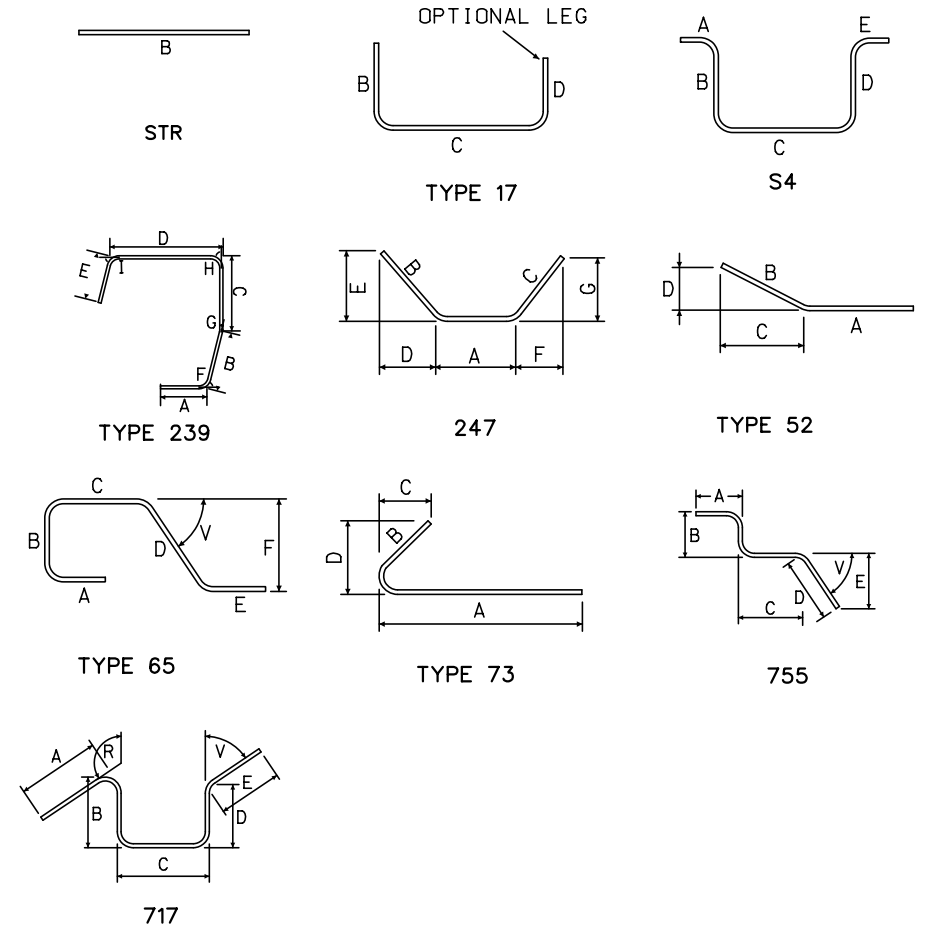
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC/CWN	BK/CC	HC	1/2" = 1'-0"	George Choubah	98 of 228	December 2018	BRP-1265

ACTUAL FILE:R99_BLR1_I26_SEGMENT 1-1U BAR LIST.DGN

M:\PROJECTS\STATE_DOT\NC\brl_126_nepa\Bridges\Microstation\Bridg Design Files\NO_OP\PROJECT.s.dgn

14-Dec-2018 12:19 PM

REINFORCING STEEL SCHEDULE				DIMENSION TABLE																		
SEGMENT 1-1U BAR LIST				QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N			
BAR MK	SIZE	TYPE	PIN SZ	LOCATION																		
*5SE1	5	STR		Longitudinal	154	9'-8"	1553		9'-8"													
*5SE2	5	STR		Trans. top	11	36'-2"	415		36'-2"													
*5SE3	5	STR		Trans. top	11	6'-0"	69		6'-0"													
*5SE4	5	52	0'-3 3/4"	Trans. top	22	16'-10"	386	9'-1"	7'-9"	7'-4 1/2"	2'-5"											
*5SE5	5	247	0'-3 3/4"	Trans. top	22	4'-7"	105	2'-10 1/4"	0'-10"	0'-10"	0'-6 3/4"	0'-7 3/4"	0'-5 1/2"	0'-8 3/4"								
*5SE6	5	STR		Trans. top	22	3'-3"	75		3'-3"													
*7SE7	7	73	0'-5 5/16"	Vert. i.f.	40	10'-10 1/2"	889	9'-8 1/2"	1'-2"	0'-3"	1'-2 1/2"											
*7SE8	7	52	0'-5 5/16"	Vert. o.f.	40	10'-11 1/2"	896	9'-9 1/4"	1'-2"	0'-3 1/2"	1'-1 3/4"											
*7SE9	7	52	0'-5 5/16"	Vert. e.f.	80	10'-8 1/2"	1751	9'-6 1/4"	1'-2"	0'-3 1/2"	1'-1 3/4"											
*5SE10	5	52	0'-3 3/4"	Trans. bot.	80	9'-0"	751	8'-1 3/4"	0'-10"	0'-2 1/2"	0'-9 3/4"											
*6SE11	6	65	0'-4 1/2"	Rail	15	6'-1 1/2"	138	1'-0"	1'-4"	1'-4 1/4"	1'-5 1/4"	1'-0"	1'-5"								77°	
*6SE12	6	65	0'-4 1/2"	Rail	15	6'-10"	154	1'-0"	1'-8 1/2"	1'-6"	1'-7 1/4"	1'-0"	1'-7 1/4"									84°
*5SE13	5	17	0'-3 3/4"	Rail	8	1'-8"	14		1'-3"	0'-5"												
*5SE14	5	17	0'-3 3/4"	Rail	10	5'-1 1/2"	53		1'-10 1/2"	1'-4 1/4"	1'-10 1/2"											
*5SE15	5	17	0'-3 3/4"	Rail	10	6'-2"	64		1'-10 1/4"	2'-5 1/2"	1'-10 1/4"											
*4SE16	4	17	0'-3 1/8"	Trans. top	64	7'-5"	317		4'-0"	0'-5"	3'-0"											
SUBTOTAL							7630 LBS															
ERECTION ANCHOR BLOCK BAR LIST				QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N			
BAR MK	SIZE	TYPE	PIN SZ	LOCATION																		
*6DE1	6	S4	0'-4 1/2"	Trans. bot.	6	8'-2 1/2"	74	1'-0"	1'-6 3/4"	3'-1"	1'-6 3/4"	1'-0"										
*6DE2	6	S4	0'-4 1/2"	Long. bot.	6	6'-11"	62	1'-0"	1'-7"	1'-9"	1'-7"	1'-0"										
*6DE3	6	239	0'-4 1/2"	Trans. top	12	7'-3"	131	1'-0"	2'-5 1/4"	1'-6 3/4"	1'-2 3/4"	1'-0"	76°	90°	14°							
*6DE4	6	S4	0'-4 1/2"	Stirrups	2	8'-3 1/2"	25	1'-0"	2'-4"	1'-7 1/2"	2'-4"	1'-0"										
*6DE5	6	S4	0'-4 1/2"	Stirrups	2	8'-6 1/2"	26	1'-0"	2'-5 1/2"	1'-7 1/2"	2'-5 1/2"	1'-0"										
*6DE6	6	S4	0'-4 1/2"	Stirrups	2	8'-10"	27	1'-0"	2'-7 1/4"	1'-7 1/2"	2'-7 1/4"	1'-0"										
*6DE7	6	S4	0'-4 1/2"	Long. top	4	8'-11"	54	1'-0"	2'-7 3/4"	1'-7 1/2"	2'-7 3/4"	1'-0"										
*6DE8	6	755	0'-4 1/2"	Trans. bot.	2	7'-8"	138	1'-0"	2'-9 1/2"	2'-10 1/4"	1'-0"	0'-11 3/4"										76°
					sets to of 6 at 0'-2" incr.					to 3'-8 1/2" at 0'-2" incr.												
*6DE9	6	717	0'-4 1/2"	Long. bot.	12	9'-2"	165	1'-0"	2'-8"	1'-7 1/2"	2'-10 1/2"	1'-0"										97° 83°
SUBTOTAL							710 LBS															

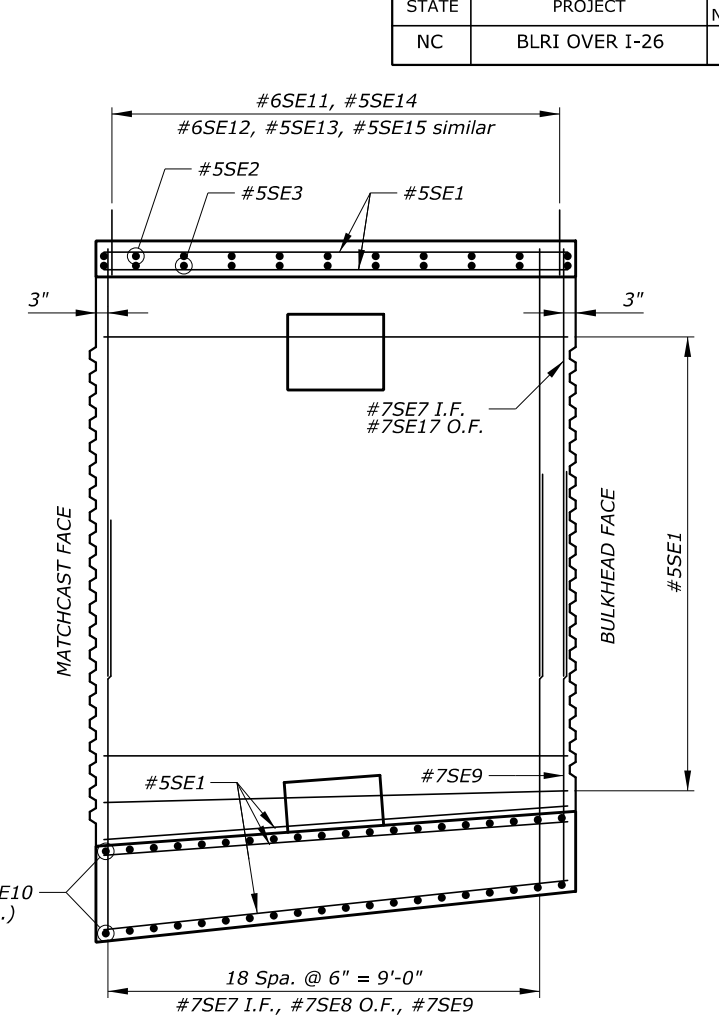
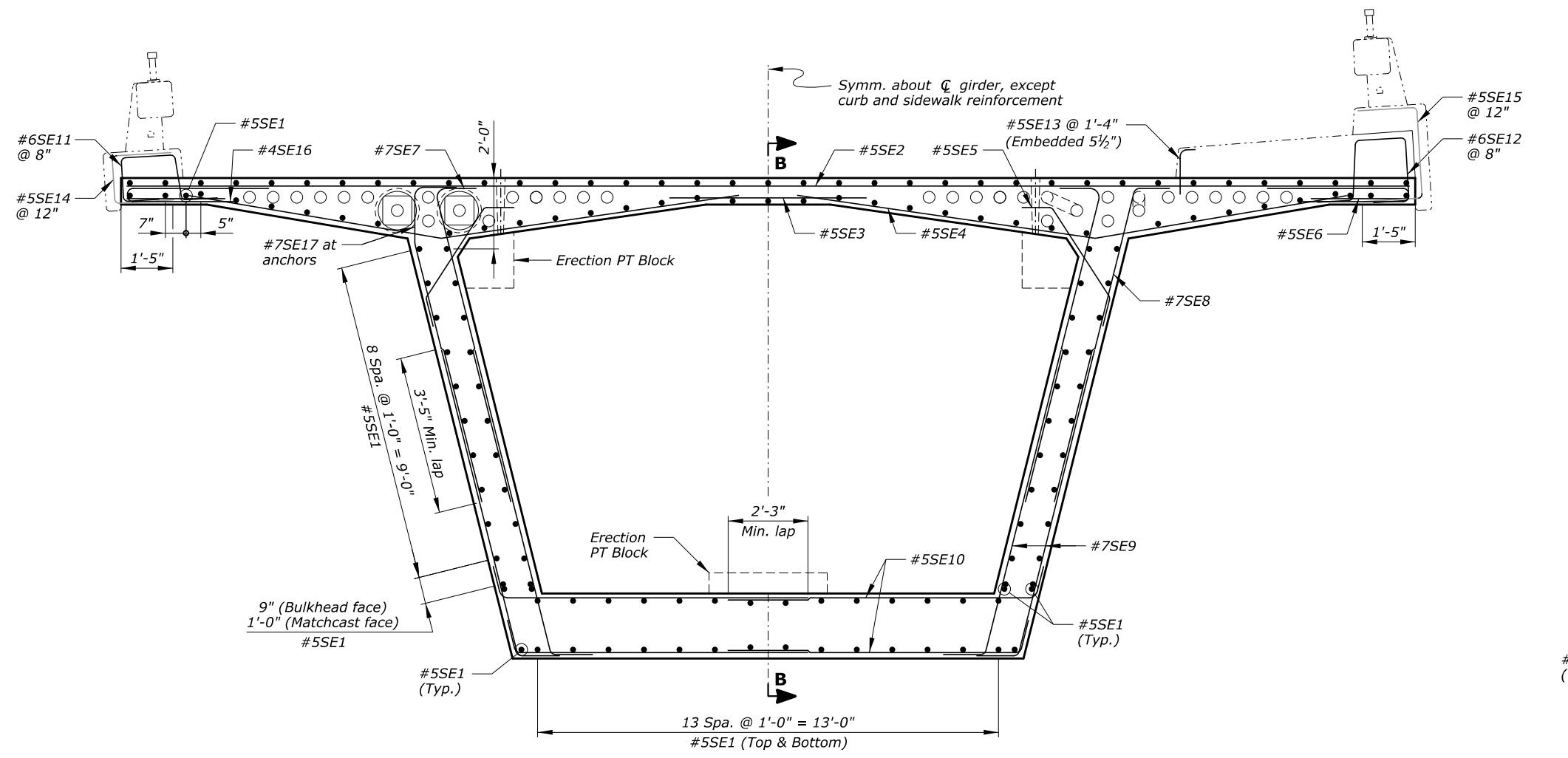


STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R99

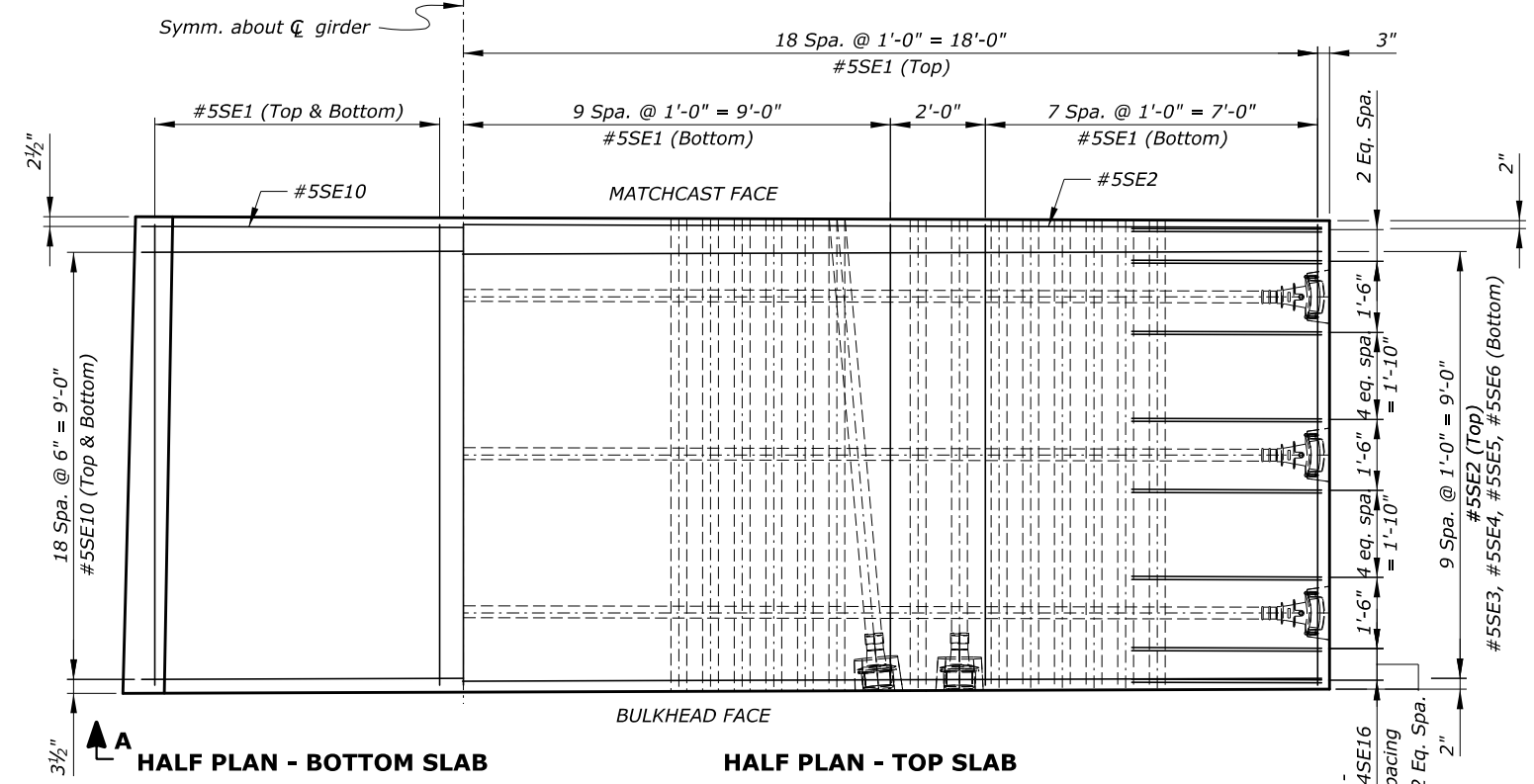
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 BLUE RIDGE PARKWAY
 BRIDGE OVER I-26
 SEGMENT 1-1U
 BAR LIST

NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC	CC	LE	No Scale	George Choubah	99 of 228	December 2018	BRP-1265

ACTUAL FILE: R100_BLR1_I26_SEGMENT 1-2U REINF. DGN
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SECTION A-A
Looking downstation



- Notes:
1. Minimum concrete cover is 2 1/2" at top face of deck, and 1 1/2" at all other faces, unless otherwise noted.
 2. Adjust slightly the location of reinforcement to avoid conflict with post-tensioning ducts.
 3. For information on reinforcement in erection post-tensioning anchor blocks, see "ERECTION ANCHOR BLOCK" sheet.

Key:
 e.f. = each face
 I.F. = inside face
 O.F. = outside face

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BLUE RIDGE PARKWAY

 BRIDGE OVER I-26

SEGMENT 1-2U REINFORCEMENT

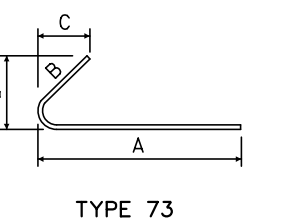
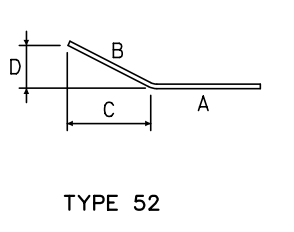
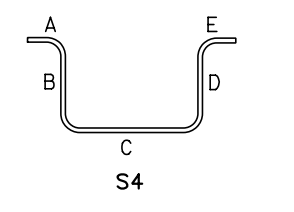
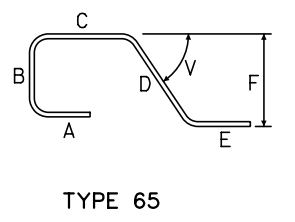
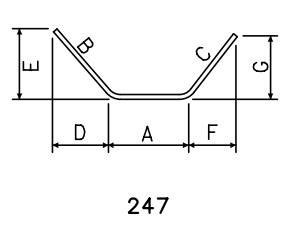
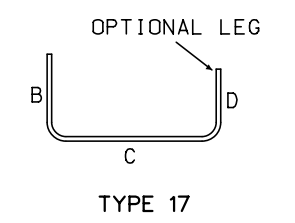
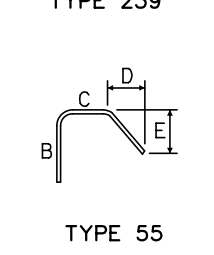
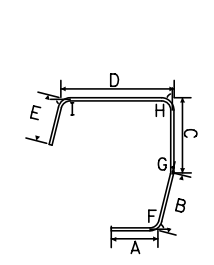
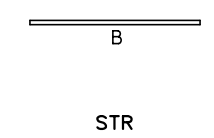
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC/CWN	BK/CC	HC	1/2" = 1'-0"	George Choubah	100 of 228	December 2018	BRP-1265

ACTUAL FILE:R101_BLR1_I26_SEGMENT 1-2U BAR LIST.DGN

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REINFORCING STEEL SCHEDULE				DIMENSION TABLE																
SEGMENT 1-2U BAR LIST																				
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N
*5SE1	5	STR		Longitudinal	152	9'-8"	1533		9'-8"											
*5SE2	5	STR		Trans. top	11	36'-2"	415		36'-2"											
*5SE3	5	STR		Trans. top	11	6'-0"	69		6'-0"											
*5SE4	5	52	0'-3 3/4"	Trans. top	22	16'-10"	386	9'-1"	7'-9"	7'-4 1/2"	2'-5"									
*5SE5	5	247	0'-3 3/4"	Trans. top	22	4'-7"	105	2'-10 1/4"	0'-10"	0'-10"	0'-6 3/4"	0'-7 3/4"	0'-5 1/2"	0'-8 3/4"						
*5SE6	5	STR		Trans. top	22	3'-3"	75		3'-3"											
*7SE7	7	73	0'-5 5/16"	Vert. i.f.	40	10'-3 1/2"	841	9'-1 1/2"	1'-2"	0'-3"	1'-2 1/2"									
*7SE8	7	52	0'-5 5/16"	Vert. o.f.	38	10'-4 1/2"	806	9'-2 1/4"	1'-2"	0'-3 1/2"	1'-1 3/4"									
*7SE9	7	52	0'-5 5/16"	Vert. e.f.	80	10'-1"	1649	8'-11"	1'-2"	0'-3 1/2"	1'-1 3/4"									
*5SE10	5	52	0'-3 3/4"	Trans. bot.	80	9'-2"	765	8'-4"	0'-10"	0'-2 1/2"	0'-9 3/4"									
*6SE11	6	65	0'-4 1/2"	Rail	15	6'-1 1/2"	138	1'-0"	1'-4"	1'-4 1/4"	1'-5 1/4"	1'-0"	1'-5"							77°
*6SE12	6	65	0'-4 1/2"	Rail	15	6'-10"	154	1'-0"	1'-8 1/2"	1'-6"	1'-7 1/4"	1'-0"	1'-7 1/4"							84°
*5SE13	5	17	0'-3 3/4"	Rail	8	1'-8"	14		1'-3"	0'-5"										
*5SE14	5	17	0'-3 3/4"	Rail	10	5'-1 1/2"	53		1'-10 1/2"	1'-4 1/4"	1'-10 1/2"									
*5SE15	5	17	0'-3 3/4"	Rail	10	6'-2"	64		1'-10 1/4"	2'-5 1/2"	1'-10 1/4"									
*4SE16	4	17	0'-3 1/8"	Trans. top	64	7'-5"	317		4'-0"	0'-5"	3'-0"									
*7SE17	7	55	0'-5 5/16"	Vert. o.f.	2	10'-3 1/2"	42		1'-2"	2'-0"	6'-11 1/4"	1'-9 1/2"								
SUBTOTAL							7426	LBS												
ERECTION ANCHOR BLOCK BAR LIST																				
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N
*6DE1	6	S4	0'-4 1/2"	Trans. bot.	6	8'-2 1/2"	74	1'-0"	1'-6 3/4"	3'-1"	1'-6 3/4"	1'-0"								
*6DE2	6	S4	0'-4 1/2"	Long. bot.	6	6'-11"	62	1'-0"	1'-7"	1'-9"	1'-7"	1'-0"								
*6DE3	6	239	0'-4 1/2"	Trans. top	12	7'-3"	131	1'-0"	2'-5 1/4"	1'-6 3/4"	1'-2 3/4"	1'-0"	76°	90°	14°					
*6DE4	6	S4	0'-4 1/2"	Stirrups	2	8'-3 1/2"	25	1'-0"	2'-4"	1'-7 1/2"	2'-4"	1'-0"								
*6DE5	6	S4	0'-4 1/2"	Stirrups	2	8'-6 1/2"	26	1'-0"	2'-5 1/2"	1'-7 1/2"	2'-5 1/2"	1'-0"								
*6DE6	6	S4	0'-4 1/2"	Stirrups	2	8'-10"	27	1'-0"	2'-7 1/4"	1'-7 1/2"	2'-7 1/4"	1'-0"								
*6DE7	6	S4	0'-4 1/2"	Long. top	4	8'-11"	54	1'-0"	2'-7 3/4"	1'-7 1/2"	2'-7 3/4"	1'-0"								
SUBTOTAL							398	LBS												



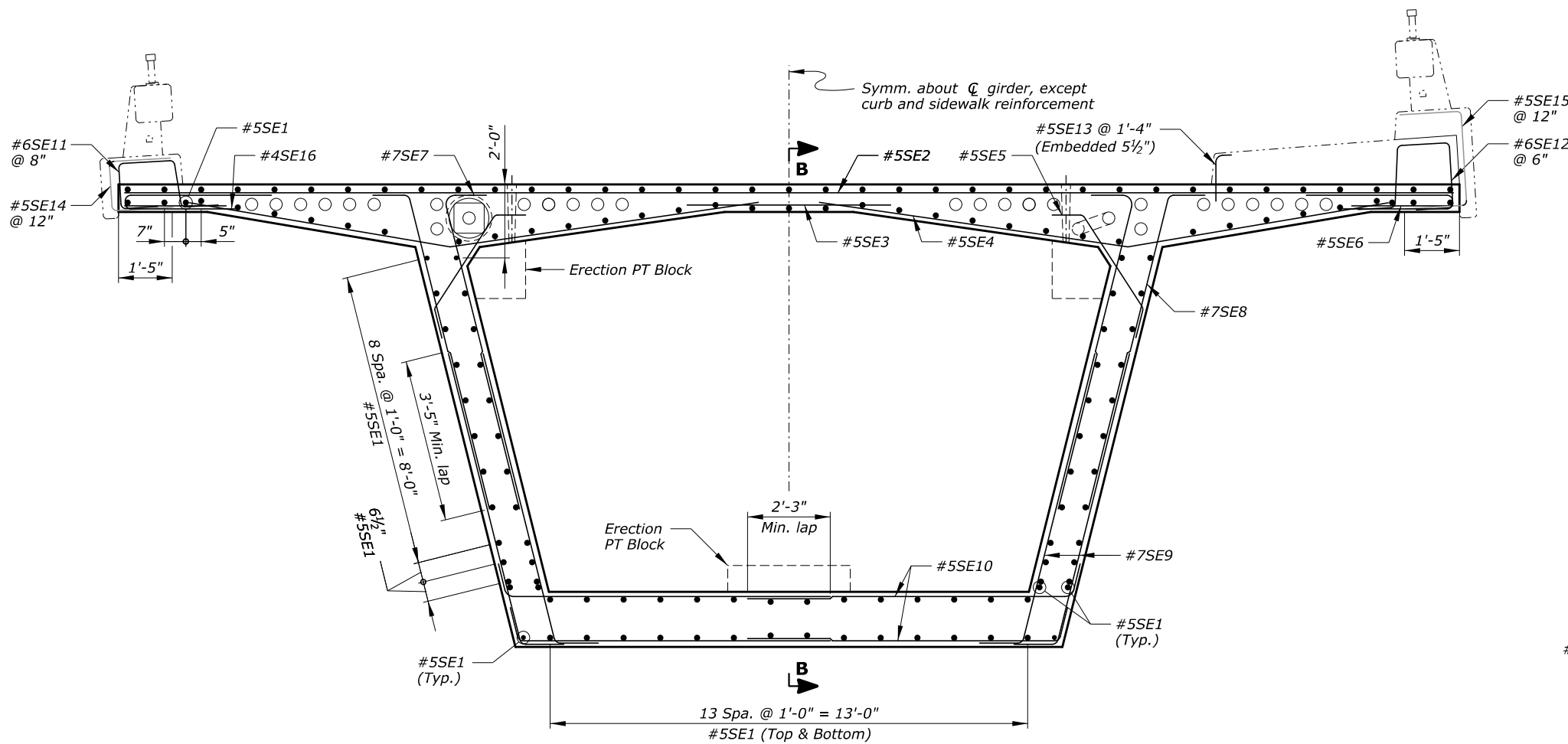
U.S. DEPARTMENT OF TRANSPORTATION
 FEDERAL HIGHWAY ADMINISTRATION
 EASTERN FEDERAL LANDS HIGHWAY DIVISION
 BLUE RIDGE PARKWAY
 BRIDGE OVER I-26
 SEGMENT 1-2U
 BAR LIST

NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC	CC	LE	No Scale	George Choubah	101 of 228	December 2018	BRP-1265

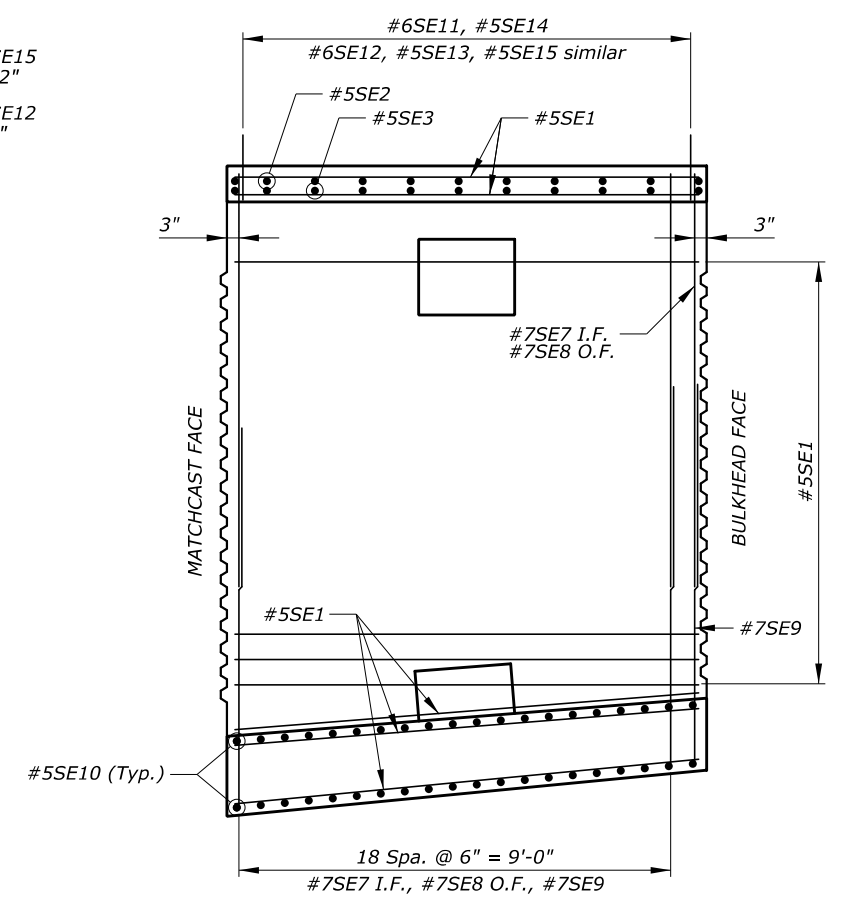
ACTUAL FILE: R102_BLR1_I26_SEGMENT 1-3U REINF. DGN

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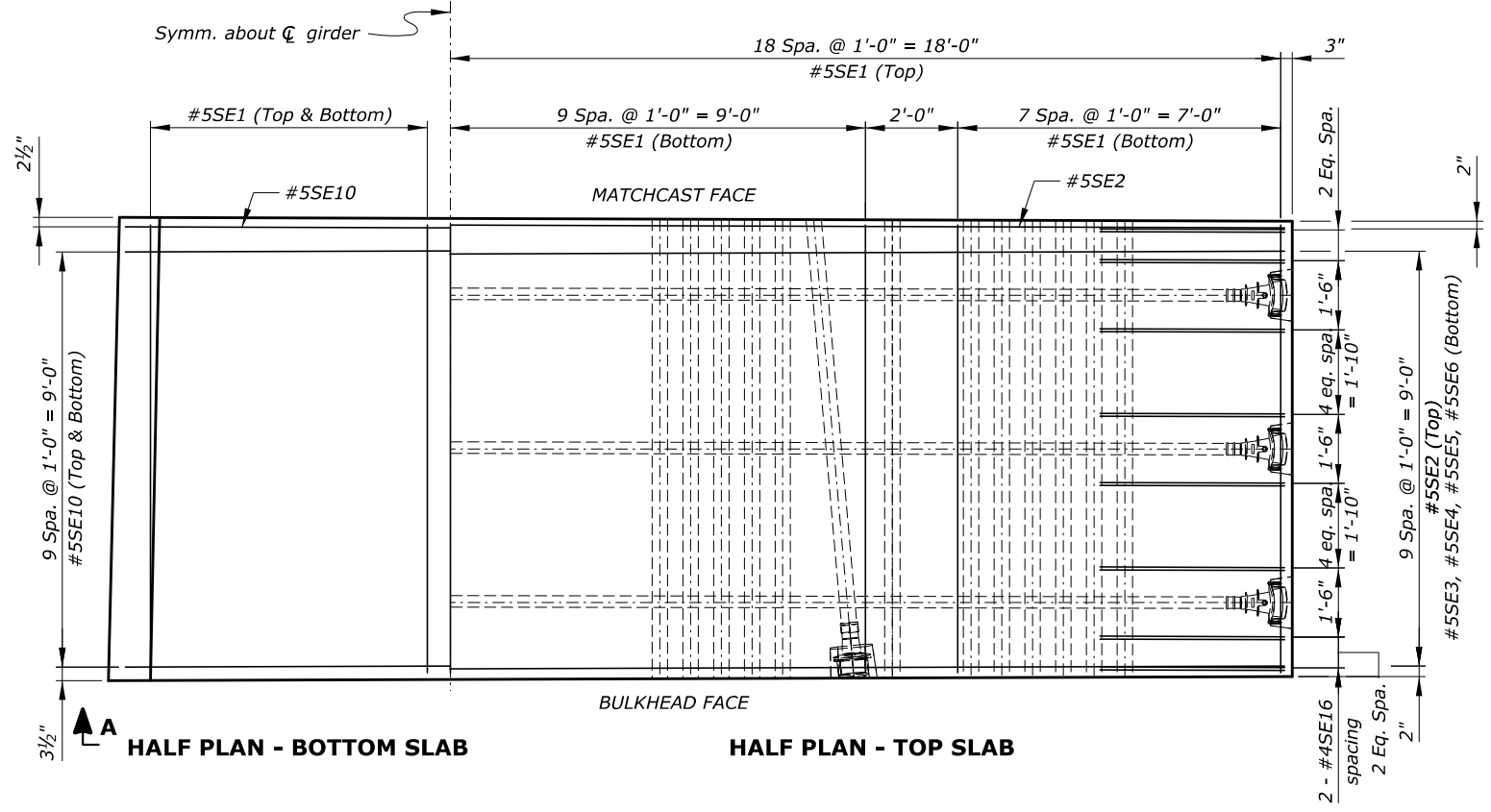
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SECTION A-A
Looking downstation



SECTION B-B



HALF PLAN - BOTTOM SLAB

HALF PLAN - TOP SLAB

Notes:

1. Minimum concrete cover is 2 1/2" at top face of deck, and 1 1/2" at all other faces, unless otherwise noted.
2. Adjust slightly the location of reinforcement to avoid conflict with post-tensioning ducts.
3. For information on reinforcement in erection post-tensioning anchor blocks, see "ERECTION ANCHOR BLOCK" sheet.

Key:

- e.f. = each face
- I.F. = inside face
- O.F. = outside face

U.S. DEPARTMENT OF TRANSPORTATION
 FEDERAL HIGHWAY ADMINISTRATION
 EASTERN FEDERAL LANDS HIGHWAY DIVISION

BLUE RIDGE PARKWAY

 BRIDGE OVER I-26

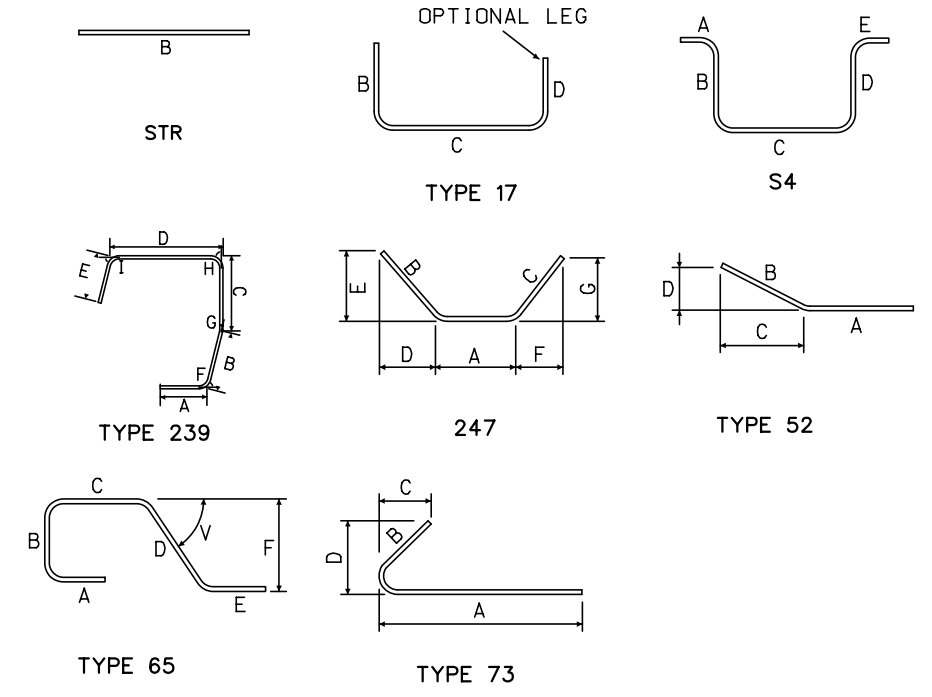
SEGMENT 1-3U REINFORCEMENT

NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC/CWN	BK/CC	HC	1/2" = 1'-0"	George Choubah	102 of 228	December 2018	BRP-1265

ACTUAL FILE: R103_BLR1_I26_SEGMENT 1-3U BAR LIST.DGN

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REINFORCING STEEL SCHEDULE				DIMENSION TABLE																	
SEGMENT 1-3U BAR LIST																					
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N	
*5SE1	5	STR		Longitudinal	152	9'-8"	1533		9'-8"												
*5SE2	5	STR		Trans. top	11	36'-2"	415		36'-2"												
*5SE3	5	STR		Trans. top	11	6'-0"	69		6'-0"												
*5SE4	5	52	0'-3 3/4"	Trans. top	22	16'-10"	386	9'-1"	7'-9"	7'-4 1/2"	2'-5"										
*5SE5	5	247	0'-3 3/4"	Trans. top	22	4'-7"	105	2'-10 1/4"	0'-10"	0'-10"	0'-6 3/4"	0'-7 3/4"	0'-5 1/2"	0'-8 3/4"							
*5SE6	5	STR		Trans. top	22	3'-3"	75		3'-3"												
*7SE7	7	73	0'-5 5/16"	Vert. i.f.	40	9'-11"	811	8'-9"	1'-2"	0'-3"	1'-2 1/2"										
*7SE8	7	52	0'-5 5/16"	Vert. o.f.	40	10'-0"	818	8'-9 3/4"	1'-2"	0'-3 1/2"	1'-1 3/4"										
*7SE9	7	52	0'-5 5/16"	Vert. e.f.	80	9'-4 1/2"	1533	8'-2 1/4"	1'-2"	0'-3 1/2"	1'-1 3/4"										
*5SE10	5	52	0'-3 3/4"	Trans. bot.	80	9'-4 1/2"	782	8'-6 1/4"	0'-10"	0'-2 1/2"	0'-9 3/4"										
*6SE11	6	65	0'-4 1/2"	Rail	15	6'-1 1/2"	138	1'-0"	1'-4"	1'-4 1/4"	1'-5 1/4"	1'-0"	1'-5"							77°	
*6SE12	6	65	0'-4 1/2"	Rail	15	6'-10"	154	1'-0"	1'-8 1/2"	1'-6"	1'-7 1/4"	1'-0"	1'-7 1/4"							84°	
*5SE13	5	17	0'-3 3/4"	Rail	8	1'-8"	14		1'-3"	0'-5"											
*5SE14	5	17	0'-3 3/4"	Rail	10	5'-1 1/2"	53		1'-10 1/2"	1'-4 1/4"	1'-10 1/2"										
*5SE15	5	17	0'-3 3/4"	Rail	10	6'-2"	64		1'-10 1/4"	2'-5 1/2"	1'-10 1/4"										
*4SE16	4	17	0'-3 1/8"	Trans. top	64	7'-5"	317		4'-0"	0'-5"	3'-0"										
SUBTOTAL							7267 LBS														
ERECTION ANCHOR BLOCK BAR LIST																					
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N	
*6DE1	6	S4	0'-4 1/2"	Trans. bot.	6	8'-2 1/2"	74	1'-0"	1'-6 3/4"	3'-1"	1'-6 3/4"	1'-0"									
*6DE2	6	S4	0'-4 1/2"	Long. bot.	6	6'-11"	62	1'-0"	1'-7"	1'-9"	1'-7"	1'-0"									
*6DE3	6	239	0'-4 1/2"	Trans. top	12	7'-3"	131	1'-0"	2'-5 1/4"	1'-6 3/4"	1'-2 3/4"	1'-0"	76°	90°	14°						
*6DE4	6	S4	0'-4 1/2"	Stirrups	2	8'-3 1/2"	25	1'-0"	2'-4"	1'-7 1/2"	2'-4"	1'-0"									
*6DE5	6	S4	0'-4 1/2"	Stirrups	2	8'-6 1/2"	26	1'-0"	2'-5 1/2"	1'-7 1/2"	2'-5 1/2"	1'-0"									
*6DE6	6	S4	0'-4 1/2"	Stirrups	2	8'-10"	27	1'-0"	2'-7 1/4"	1'-7 1/2"	2'-7 1/4"	1'-0"									
*6DE7	6	S4	0'-4 1/2"	Long. top	4	8'-11"	54	1'-0"	2'-7 3/4"	1'-7 1/2"	2'-7 3/4"	1'-0"									
SUBTOTAL							398 LBS														



STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R103

U.S. DEPARTMENT OF TRANSPORTATION
 FEDERAL HIGHWAY ADMINISTRATION
 EASTERN FEDERAL LANDS HIGHWAY DIVISION

BLUE RIDGE PARKWAY

BRIDGE OVER I-26

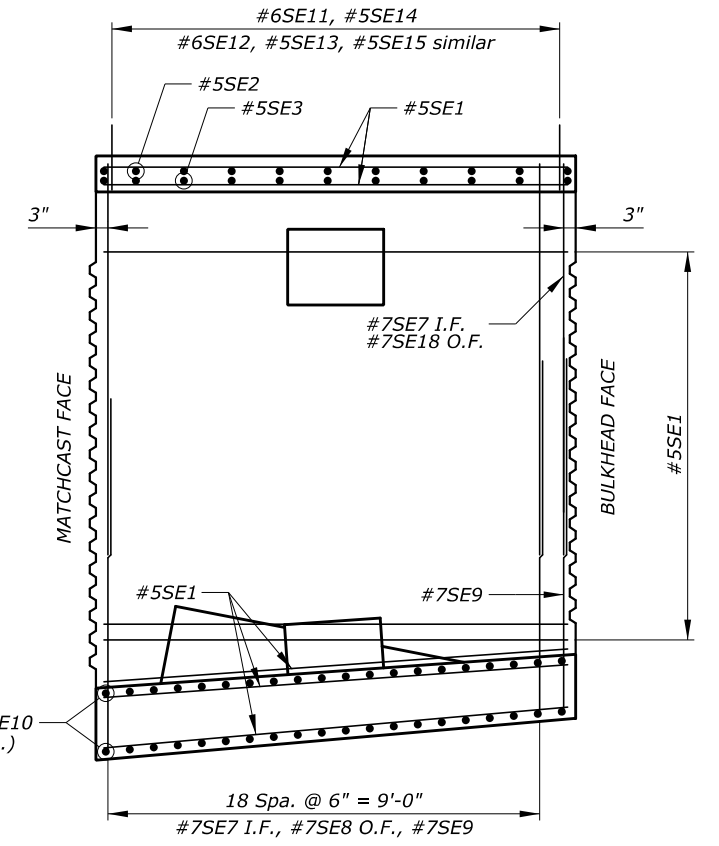
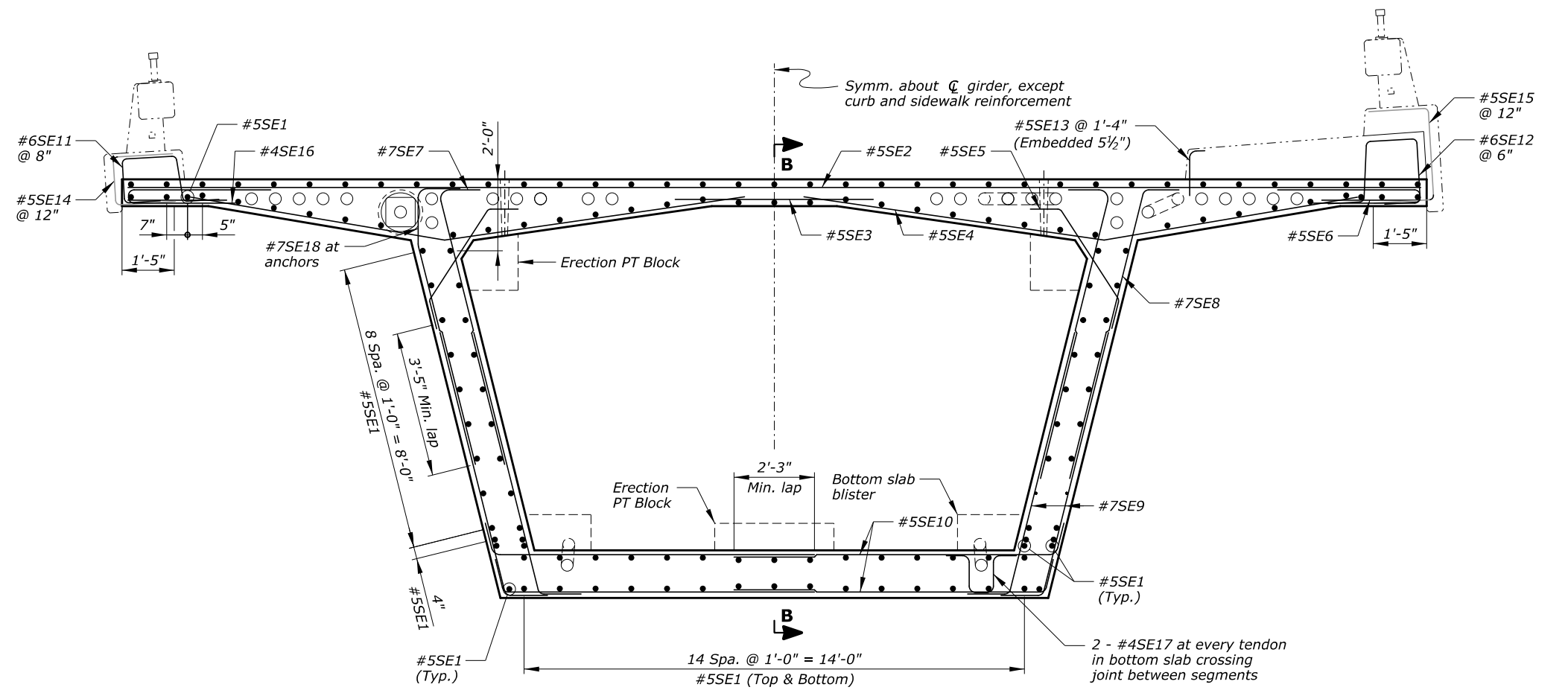
SEGMENT 1-3U
 BAR LIST

NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC	CC	LE	No Scale	George Choubah	103 of 228	December 2018	BRP-1265

ACTUAL FILE: R104_BLR1_I26_SEGMENT 1-4U REINF. DGN

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SECTION A-A
Looking downstation

SECTION B-B

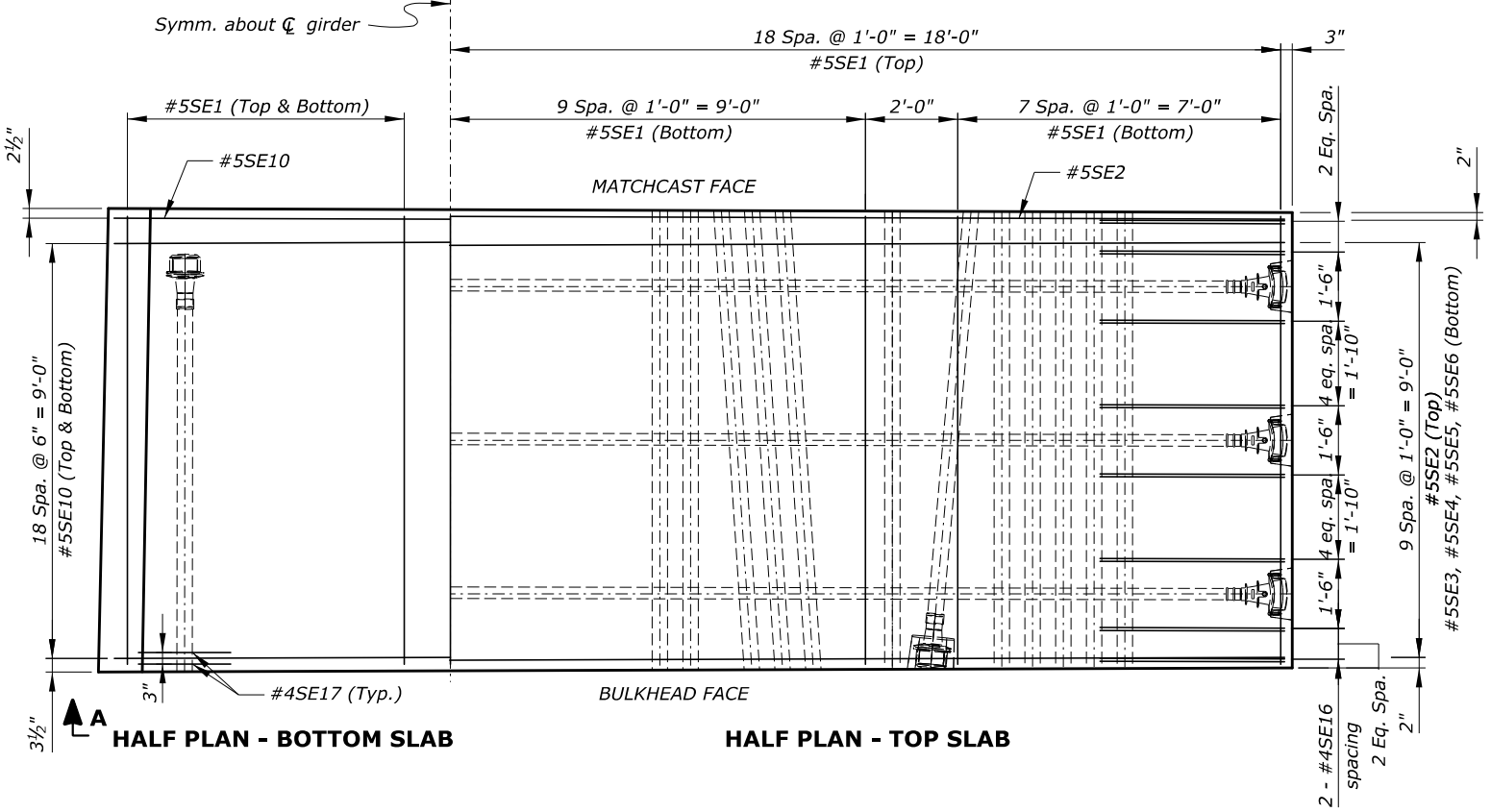
Notes:

1. Minimum concrete cover is 2 1/2" at top face of deck, and 1 1/2" at all other faces, unless otherwise noted.
2. Adjust slightly the location of reinforcement to avoid conflict with post-tensioning ducts.
3. For information on reinforcement in erection post-tensioning anchor blocks, see "ERECTION ANCHOR BLOCK" sheet.
4. For information on reinforcement in the bottom slab blister, see "BOTTOM SLAB BLISTER" sheet.

Key:

- e.f. = each face
- I.F. = inside face
- O.F. = outside face

Upstation



A ↑

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
EASTERN FEDERAL LANDS HIGHWAY DIVISION

BLUE RIDGE PARKWAY

BRIDGE OVER I-26

SEGMENT 1-4U REINFORCEMENT

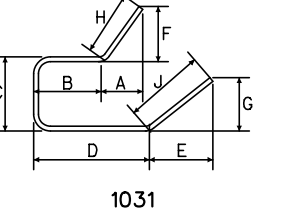
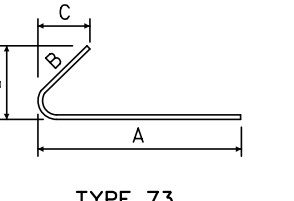
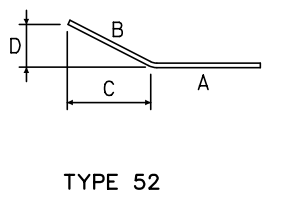
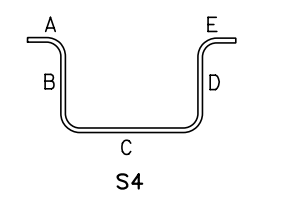
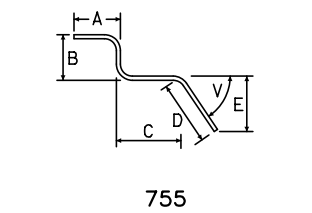
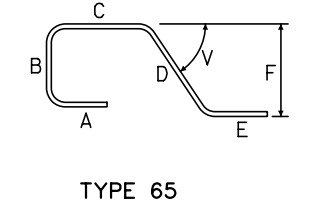
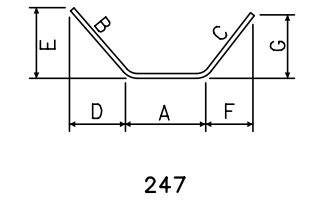
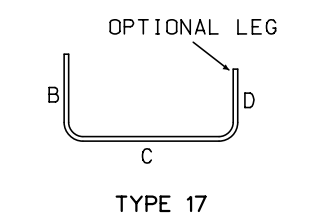
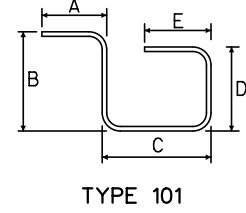
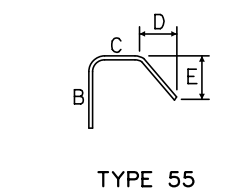
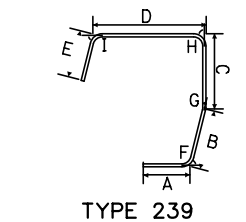
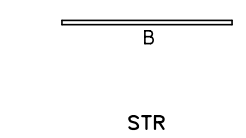
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC/CWN	BK/CC	HC	1/2" = 1'-0"	George Choubah	104 of 228	December 2018	BRP-1265

ACTUAL FILE:R105_BLR1_I26_SEGMENT 1-4U BAR LIST.DGN

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REINFORCING STEEL SCHEDULE				DIMENSION TABLE																
SEGMENT 1-4U BAR LIST																				
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N
*5SE1	5	STR		Longitudinal	150	9'-8"	1512		9'-8"											
*5SE2	5	STR		Trans. top	11	36'-2"	415		36'-2"											
*5SE3	5	STR		Trans. top	11	6'-0"	69		6'-0"											
*5SE4	5	52	0'-3 3/4"	Trans. top	22	16'-10"	386	9'-1"	7'-9"	7'-4 1/2"	2'-5"									
*5SE5	5	247	0'-3 3/4"	Trans. top	22	4'-7"	105	2'-10 1/4"	0'-10"	0'-10"	0'-6 3/4"	0'-7 3/4"	0'-5 1/2"	0'-8 3/4"						
*5SE6	5	STR		Trans. top	22	3'-3"	75		3'-3"											
*7SE7	7	73	0'-5 5/16"	Vert. i.f.	40	9'-6"	777	8'-4"	1'-2"	0'-3"	1'-2 1/2"									
*7SE8	7	52	0'-5 5/16"	Vert. o.f.	38	9'-6 1/2"	741	8'-4 3/4"	1'-2"	0'-3 1/2"	1'-1 3/4"									
*7SE9	7	52	0'-5 5/16"	Vert. e.f.	80	8'-9 1/2"	1438	7'-7 1/2"	1'-2"	0'-3 1/2"	1'-1 3/4"									
*5SE10	5	52	0'-3 3/4"	Trans. bot.	80	9'-6 1/2"	796	8'-8 1/2"	0'-10"	0'-2 1/2"	0'-9 3/4"									
*6SE11	6	65	0'-4 1/2"	Rail	15	6'-1 1/2"	138	1'-0"	1'-4"	1'-4 1/4"	1'-5 1/4"	1'-0"	1'-5"							77°
*6SE12	6	65	0'-4 1/2"	Rail	15	6'-10"	154	1'-0"	1'-8 1/2"	1'-6"	1'-7 1/4"	1'-0"	1'-7 1/4"							84°
*5SE13	5	17	0'-3 3/4"	Rail	8	1'-8"	14		1'-3"	0'-5"										
*5SE14	5	17	0'-3 3/4"	Rail	10	5'-1 1/2"	53		1'-10 1/2"	1'-4 1/4"	1'-10 1/2"									
*5SE15	5	17	0'-3 3/4"	Rail	10	6'-2"	64		1'-10 1/4"	2'-5 1/2"	1'-10 1/4"									
*4SE16	4	17	0'-3 1/8"	Trans. top	64	7'-5"	317		4'-0"	0'-5"	3'-0"									
*4SE17	4	S4	0'-3 1/8"	Trans. bot.	4	4'-2 1/2"	11	0'-8"	1'-1"	0'-8 1/2"	1'-1"	0'-8"								
*7SE18	7	55	0'-5 5/16"	Vert. o.f.	2	9'-6"	39		1'-2"	2'-0"	6'-2 1/4"	1'-7 1/4"								
SUBTOTAL							7105 LBS													
ERECTION ANCHOR BLOCK BAR LIST																				
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N
*6DE1	6	S4	0'-4 1/2"	Trans. bot.	6	8'-2 1/2"	74	1'-0"	1'-6 3/4"	3'-1"	1'-6 3/4"	1'-0"								
*6DE2	6	S4	0'-4 1/2"	Long. bot.	6	6'-11"	62	1'-0"	1'-7"	1'-9"	1'-7"	1'-0"								
*6DE3	6	239	0'-4 1/2"	Trans. top	12	7'-3"	131	1'-0"	2'-5 1/4"	1'-6 3/4"	1'-2 3/4"	1'-0"	76°	90°	14°					
*6DE4	6	S4	0'-4 1/2"	Stirrups	2	8'-3 1/2"	25	1'-0"	2'-4"	1'-7 1/2"	2'-4"	1'-0"								
*6DE5	6	S4	0'-4 1/2"	Stirrups	2	8'-6 1/2"	26	1'-0"	2'-5 1/2"	1'-7 1/2"	2'-5 1/2"	1'-0"								
*6DE6	6	S4	0'-4 1/2"	Stirrups	2	8'-10"	27	1'-0"	2'-7 1/4"	1'-7 1/2"	2'-7 1/4"	1'-0"								
*6DE7	6	S4	0'-4 1/2"	Long. top	4	8'-11"	54	1'-0"	2'-7 3/4"	1'-7 1/2"	2'-7 3/4"	1'-0"								
SUBTOTAL							398 LBS													
BOTTOM SLAB BLISTER BAR LIST																				
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N
*6LE1	6	17	0'-4 1/2"	Long. bot.	6	10'-8 1/2"	97		9'-8"	1'-0 1/2"										
*5LE2	5	250	0'-3 3/4"	Long. bot.	8	13'-1 1/2"	110	0'-10"	2'-6 1/4"	8'-4"	0'-7 1/2"	0'-10"	77°	90°	103°					
*5LE3	5	STR		Long. bot.	8	8'-4 1/2"	70		8'-4 1/2"											
*5LE4	5	STR		Long. bot.	8	6'-6 1/2"	55		6'-6 1/2"											
*6LE5	6	755	0'-4 1/2"	Trans. bot.	2	6'-11"	269	1'-0"	2'-6 1/4"	2'-4 3/4"	1'-0"	0'-11 3/4"								76°
					sets to of 15 at 0'-1" incr.	5'-10 1/2"			to to 2'-10 1/4" at 0'-0" incr.	1'-0 1/4"										
*6LE6	6	1031	0'-4 1/2"	Trans. bot.	6	8'-11 1/2"	81	0'-3"	2'-11"	1'-4 3/4"	2'-7"	0'-3"	1'-0"	1'-0"	1'-0"	1'-0"				
*6LE7	6	101	0'-4 1/2"	Trans. bot.	2	7'-0 1/2"	200	1'-0"	1'-10 1/4"	1'-3 3/4"	1'-10 1/4"	1'-0"								
					sets to of 12 at 0'-2" incr.	5'-4 1/2"			to to 1'-0 1/4" at 0'-1" incr.	1'-0 1/4"										
SUBTOTAL							923 LBS													



U.S. DEPARTMENT OF TRANSPORTATION
 FEDERAL HIGHWAY ADMINISTRATION
 EASTERN FEDERAL LANDS HIGHWAY DIVISION

BLUE RIDGE PARKWAY

BRIDGE OVER I-26

SEGMENT 1-4U
 BAR LIST

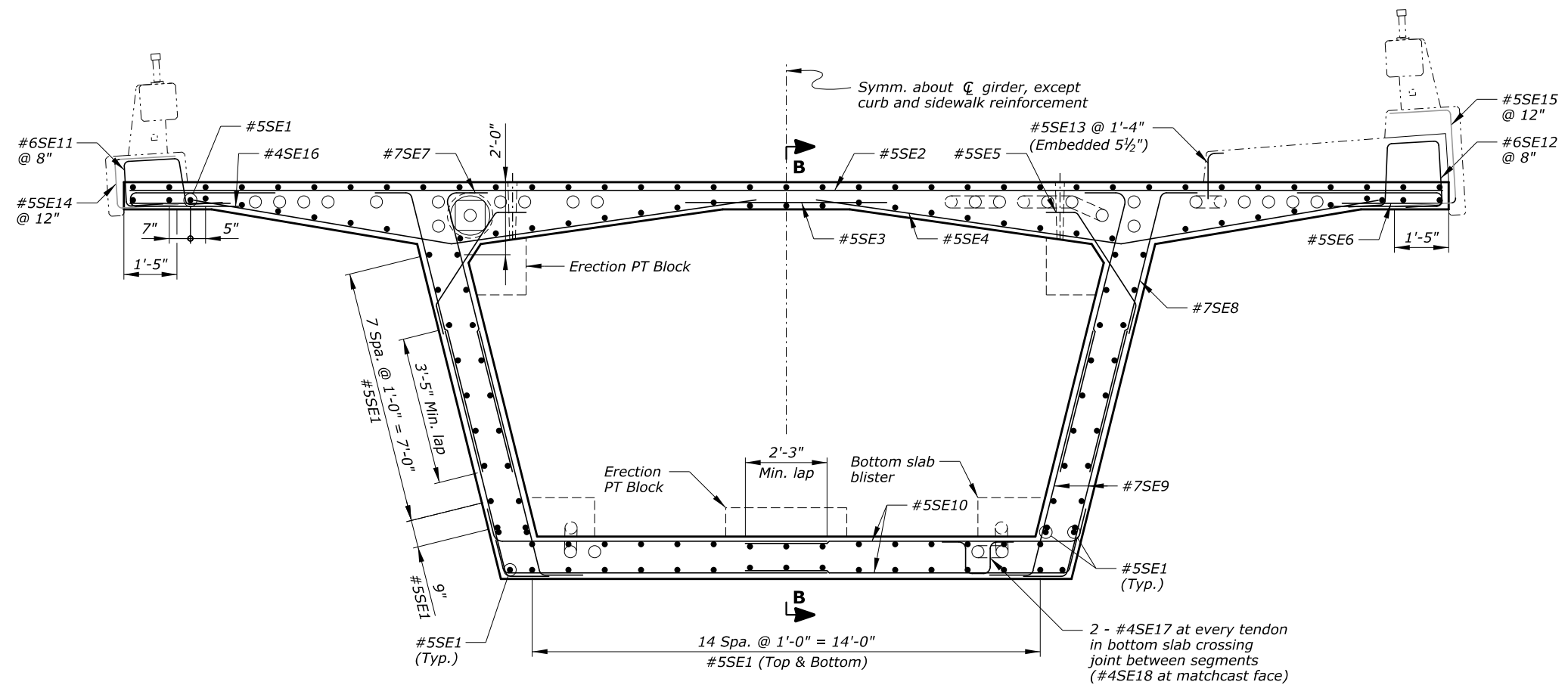
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC	CC	LE	No Scale	George Choubah	105 of 228	December 2018	BRP-1265

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R106

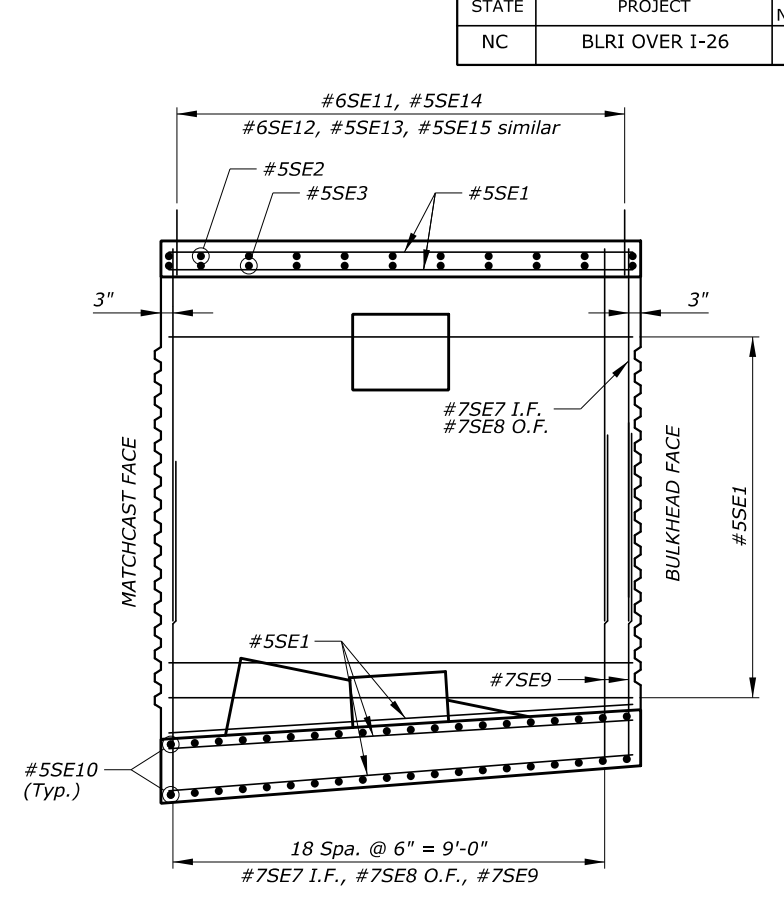
ACTUAL FILE: R106_BLR1_I26_SEGMENT 1-5U REINF. DGN

M:\PROJECTS\STATE_DOT\NC\brl_i26_nepa\Bridges\Microstation\Bridges Design Files\NO_PROJECTS.dgn

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SECTION A-A
Looking downstation



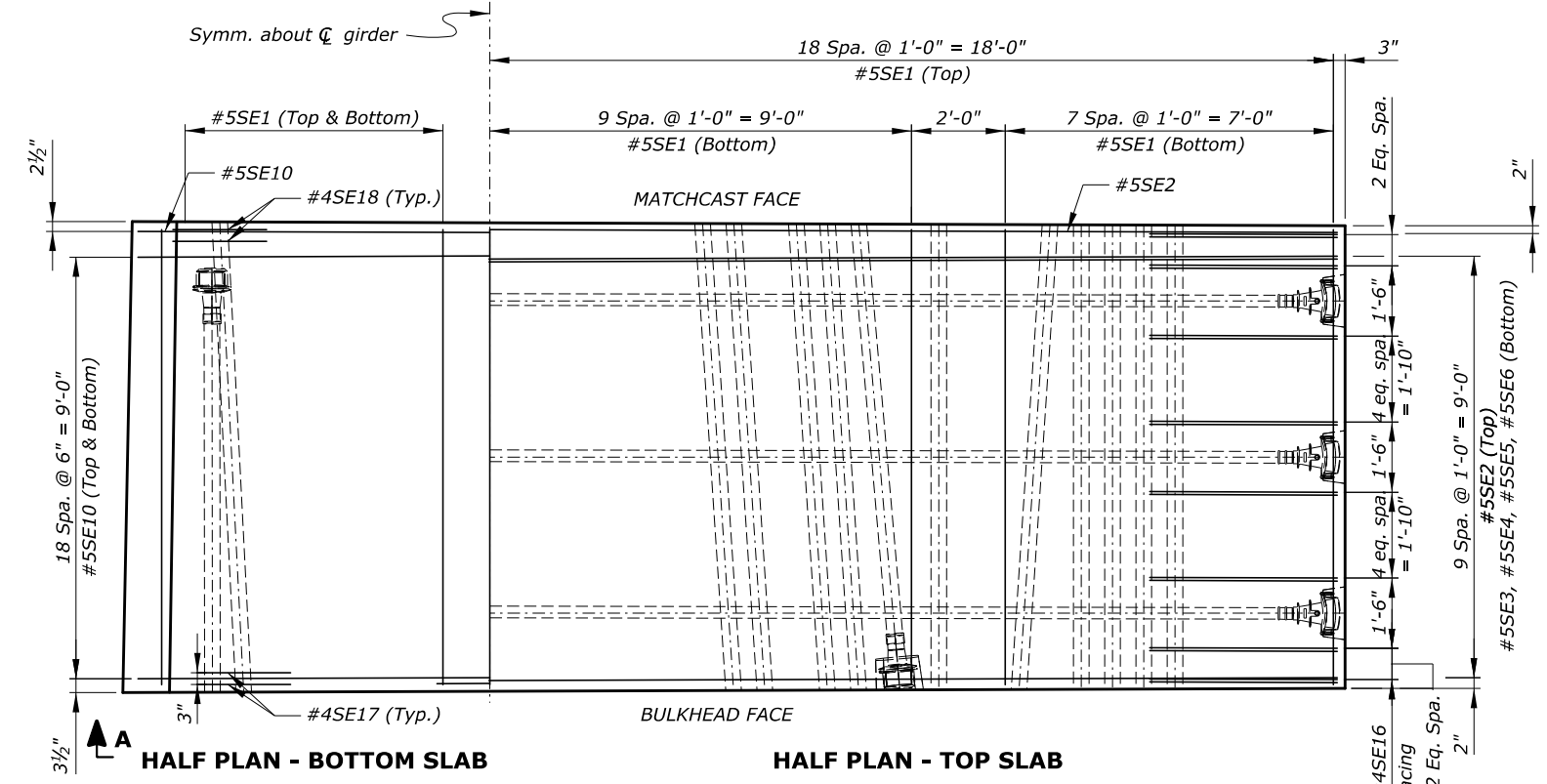
SECTION B-B

Notes:

1. Minimum concrete cover is 2 1/2" at top face of deck, and 1 1/2" at all other faces, unless otherwise noted.
2. Adjust slightly the location of reinforcement to avoid conflict with post-tensioning ducts.
3. For information on reinforcement in erection post-tensioning anchor blocks, see "ERECTION ANCHOR BLOCK" sheet.
4. For information on reinforcement in the bottom slab blister, see "BOTTOM SLAB BLISTER" sheet.

Key:

- e.f. = each face
- I.F. = inside face
- O.F. = outside face



HALF PLAN - BOTTOM SLAB

HALF PLAN - TOP SLAB

Upstation

A

U.S. DEPARTMENT OF TRANSPORTATION
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EASTERN FEDERAL LANDS HIGHWAY DIVISION

BLUE RIDGE PARKWAY

BRIDGE OVER I-26

SEGMENT 1-5U REINFORCEMENT

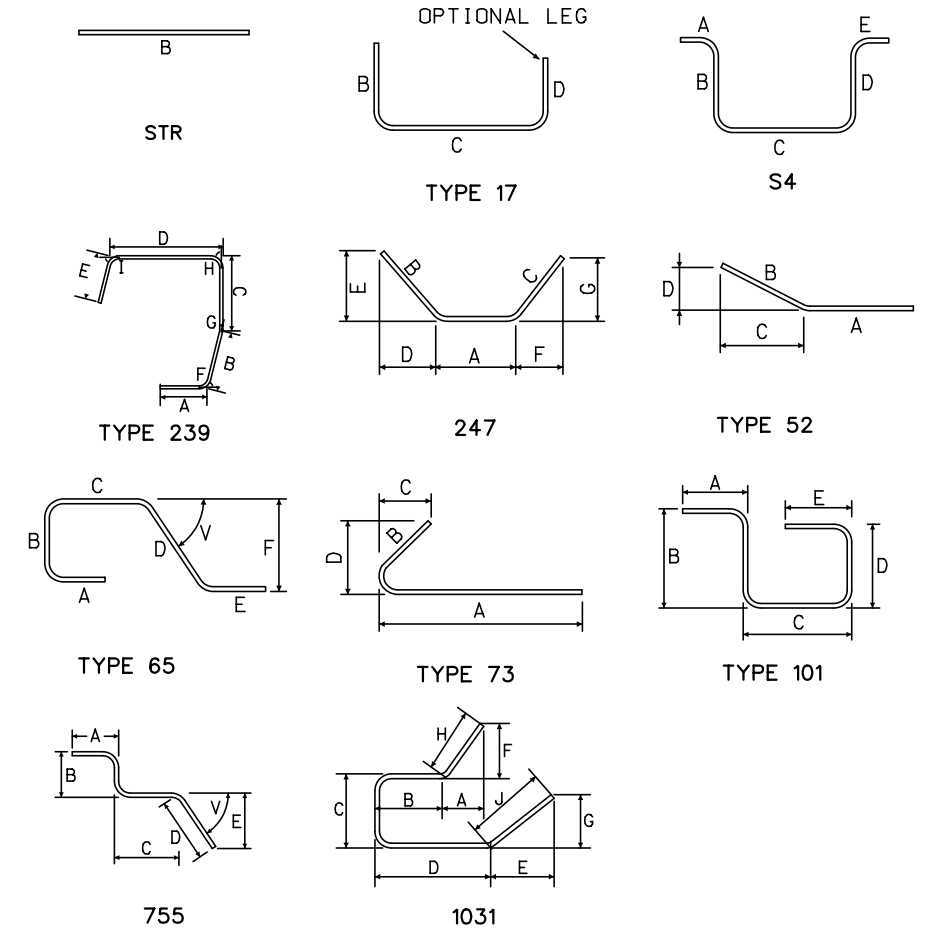
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC/CWN	BK/CC	HC	1/2" = 1'-0"	George Choubah	106 of 228	December 2018	BRP-1265

ACTUAL FILE:R107_BLR1_I26_SEGMENT 1-5U BAR LIST.DGN

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REINFORCING STEEL SCHEDULE				DIMENSION TABLE																
SEGMENT 1-5U BAR LIST																				
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N
*5SE1	5	STR		Longitudinal	146	9'-8"	1472		9'-8"											
*5SE2	5	STR		Trans. top	11	36'-2"	415		36'-2"											
*5SE3	5	STR		Trans. top	11	6'-0"	69		6'-0"											
*5SE4	5	52	0'-3 3/4"	Trans. top	22	16'-10"	386	9'-1"	7'-9"	7'-4 1/2"	2'-5"									
*5SE5	5	247	0'-3 3/4"	Trans. top	22	4'-7"	105	2'-10 1/4"	0'-10"	0'-10"	0'-6 3/4"	0'-7 3/4"	0'-5 1/2"	0'-8 3/4"						
*5SE6	5	STR		Trans. top	22	3'-3"	75		3'-3"											
*7SE7	7	73	0'-5 5/16"	Vert. i.f.	40	9'-0 1/2"	739	7'-10 1/4"	1'-2"	0'-3"	1'-2 1/2"									
*7SE8	7	52	0'-5 5/16"	Vert. o.f.	40	9'-1"	743	7'-11"	1'-2"	0'-3 1/2"	1'-1 3/4"									
*7SE9	7	52	0'-5 5/16"	Vert. e.f.	80	8'-4"	1363	7'-2 1/4"	1'-2"	0'-3 1/2"	1'-1 3/4"									
*5SE10	5	52	0'-3 3/4"	Trans. bot.	80	9'-8 1/2"	810	8'-10 1/4"	0'-10"	0'-2 1/2"	0'-9 3/4"									
*6SE11	6	65	0'-4 1/2"	Rail	15	6'-1 1/2"	138	1'-0"	1'-4"	1'-4 1/4"	1'-5 1/4"	1'-0"	1'-5"							77°
*6SE12	6	65	0'-4 1/2"	Rail	15	6'-10"	154	1'-0"	1'-8 1/2"	1'-6"	1'-7 1/4"	1'-0"	1'-7 1/4"							84°
*5SE13	5	17	0'-3 3/4"	Rail	8	1'-8"	14		1'-3"	0'-5"										
*5SE14	5	17	0'-3 3/4"	Rail	10	5'-1 1/2"	53		1'-10 1/2"	1'-4 1/4"	1'-10 1/2"									
*5SE15	5	17	0'-3 3/4"	Rail	10	6'-2"	64		1'-10 1/4"	2'-5 1/2"	1'-10 1/4"									
*4SE16	4	17	0'-3 1/8"	Trans. top	64	7'-5"	317		4'-0"	0'-5"	3'-0"									
*4SE17	4	S4	0'-3 1/8"	Trans. bot.	8	3'-10 1/2"	21	0'-8"	0'-11"	0'-8 1/2"	0'-11"	0'-8"								
*4SE18	4	S4	0'-3 1/8"	Trans. bot.	4	4'-2 1/2"	11	0'-8"	1'-1"	0'-8 1/2"	1'-1"	0'-8"								
SUBTOTAL							6949	LBS												
ERECTION ANCHOR BLOCK BAR LIST																				
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N
*6DE1	6	S4	0'-4 1/2"	Trans. bot.	6	8'-2 1/2"	74	1'-0"	1'-6 3/4"	3'-1"	1'-6 3/4"	1'-0"								
*6DE2	6	S4	0'-4 1/2"	Long. bot.	6	6'-11"	62	1'-0"	1'-7"	1'-9"	1'-7"	1'-0"								
*6DE3	6	239	0'-4 1/2"	Trans. top	12	7'-3"	131	1'-0"	2'-5 1/4"	1'-6 3/4"	1'-2 3/4"	1'-0"	76°	90°	14°					
*6DE4	6	S4	0'-4 1/2"	Stirrups	2	8'-3 1/2"	25	1'-0"	2'-4"	1'-7 1/2"	2'-4"	1'-0"								
*6DE5	6	S4	0'-4 1/2"	Stirrups	2	8'-6 1/2"	26	1'-0"	2'-5 1/2"	1'-7 1/2"	2'-5 1/2"	1'-0"								
*6DE6	6	S4	0'-4 1/2"	Stirrups	2	8'-10"	27	1'-0"	2'-7 1/4"	1'-7 1/2"	2'-7 1/4"	1'-0"								
*6DE7	6	S4	0'-4 1/2"	Long. top	4	8'-11"	54	1'-0"	2'-7 3/4"	1'-7 1/2"	2'-7 3/4"	1'-0"								
SUBTOTAL							398	LBS												
BOTTOM SLAB BLISTER BAR LIST																				
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N
*6LE1	6	17	0'-4 1/2"	Long. bot.	6	10'-6 1/2"	95		9'-8"	0'-10 1/2"										
*5LE2	5	250	0'-3 3/4"	Long. bot.	8	12'-9 1/2"	107	0'-10"	2'-4"	8'-4"	0'-5 1/2"	0'-10"	77°	90°	103°					
*5LE3	5	STR		Long. bot.	8	7'-11 1/2"	66		7'-11 1/2"											
*5LE4	5	STR		Long. bot.	8	5'-9 1/2"	48		5'-9 1/2"											
*6LE5	6	755	0'-4 1/2"	Trans. bot.	2	6'-9"	262	1'-0"	2'-6 1/4"	2'-2 3/4"	1'-0"	0'-11 3/4"								76°
					sets to of 15	5'-8 1/2"			to to 2'-10 1/4"	to to 0'-10 1/4"										
						at 0'-1"			at 0'-0"	at 0'-1"										
						Incr.			Incr.	Incr.										
*6LE6	6	1031	0'-4 1/2"	Trans. bot.	6	8'-11 1/2"	81	0'-3"	2'-11"	1'-4 3/4"	2'-7"	0'-3"	1'-0"	1'-0"	1'-0"	1'-0"				
*6LE7	6	101	0'-4 1/2"	Trans. bot.	2	6'-8"	188	1'-0"	1'-8 1/4"	1'-3 3/4"	1'-8 1/4"	1'-0"								
					sets to of 12	5'-0 1/2"			to to 0'-10 1/4"	to to 0'-10 1/4"										
						at 0'-2"			at 0'-1"	at 0'-1"										
						Incr.			Incr.	Incr.										
SUBTOTAL							890	LBS												



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 EASTERN FEDERAL LANDS HIGHWAY DIVISION

BLUE RIDGE PARKWAY

BRIDGE OVER I-26

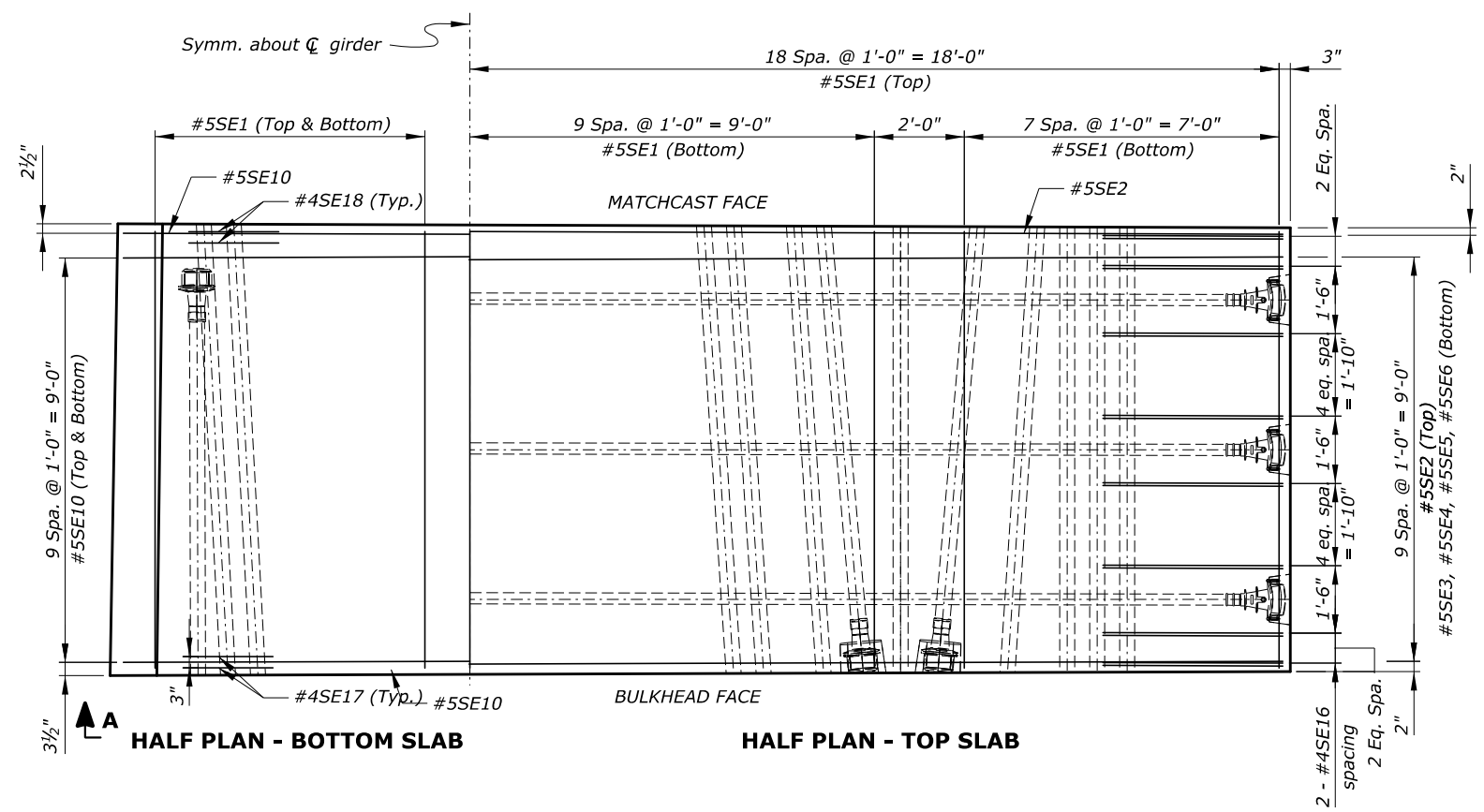
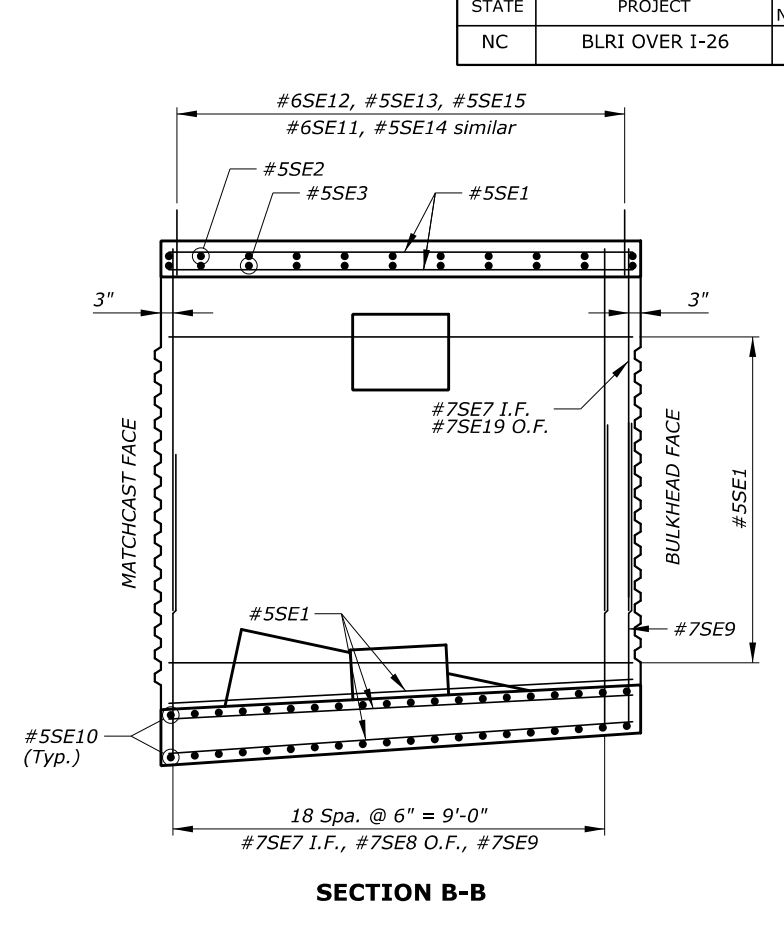
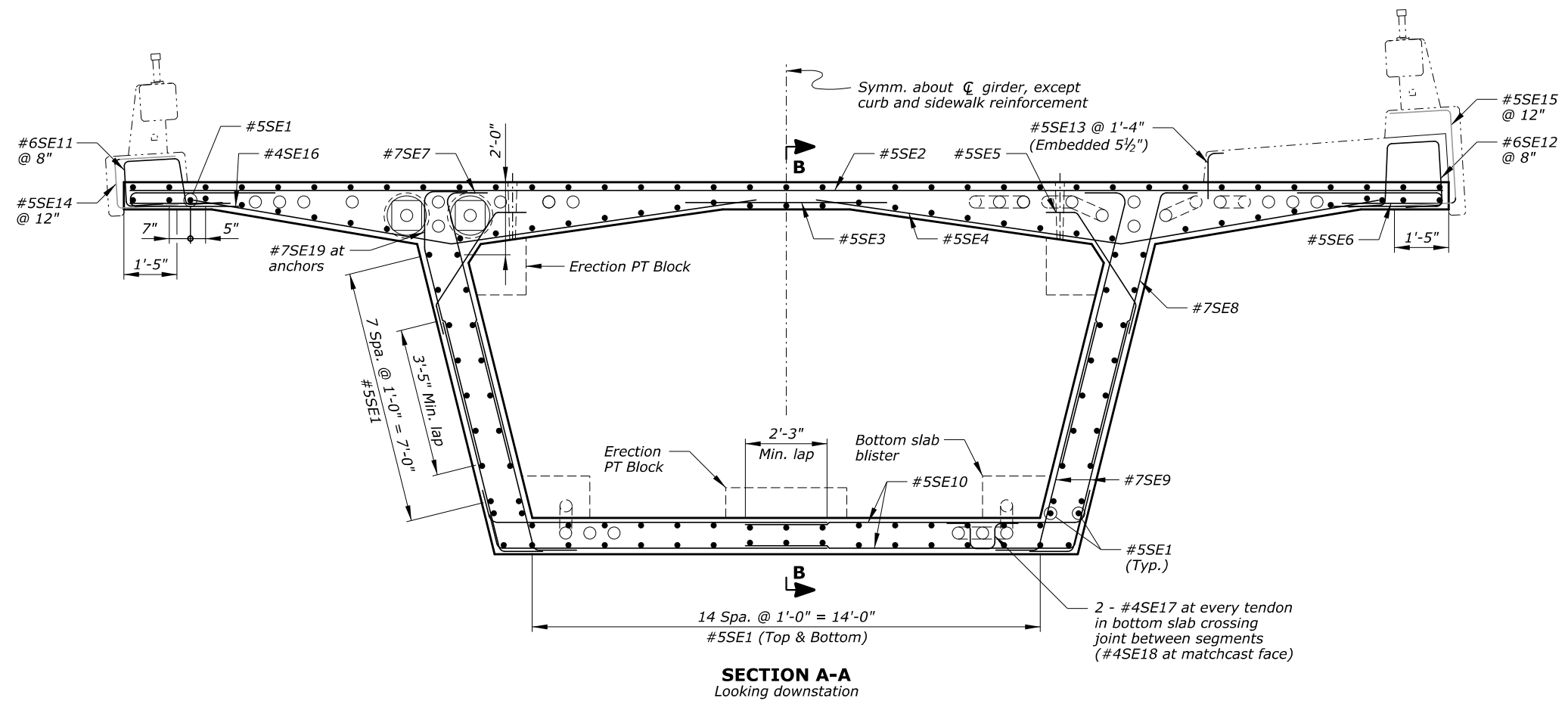
SEGMENT 1-5U
 BAR LIST

NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC	CC	LE	No Scale	George Choubah	107 of 228	December 2018	BRP-1265

ACTUAL FILE: R108_BLR1_I26_SEGMENT 1-6U REINF. DGN

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- Notes:
1. Minimum concrete cover is 2½" at top face of deck, and 1½" at all other faces, unless otherwise noted.
 2. Adjust slightly the location of reinforcement to avoid conflict with post-tensioning ducts.
 3. For information on reinforcement in erection post-tensioning anchor blocks, see "ERECTION ANCHOR BLOCK" sheet.
 4. For information on reinforcement in the bottom slab blister, see "BOTTOM SLAB BLISTER" sheet.

Key:
e.f. = each face
I.F. = inside face
O.F. = outside face

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
EASTERN FEDERAL LANDS HIGHWAY DIVISION

BLUE RIDGE PARKWAY

BRIDGE OVER I-26

SEGMENT 1-6U REINFORCEMENT

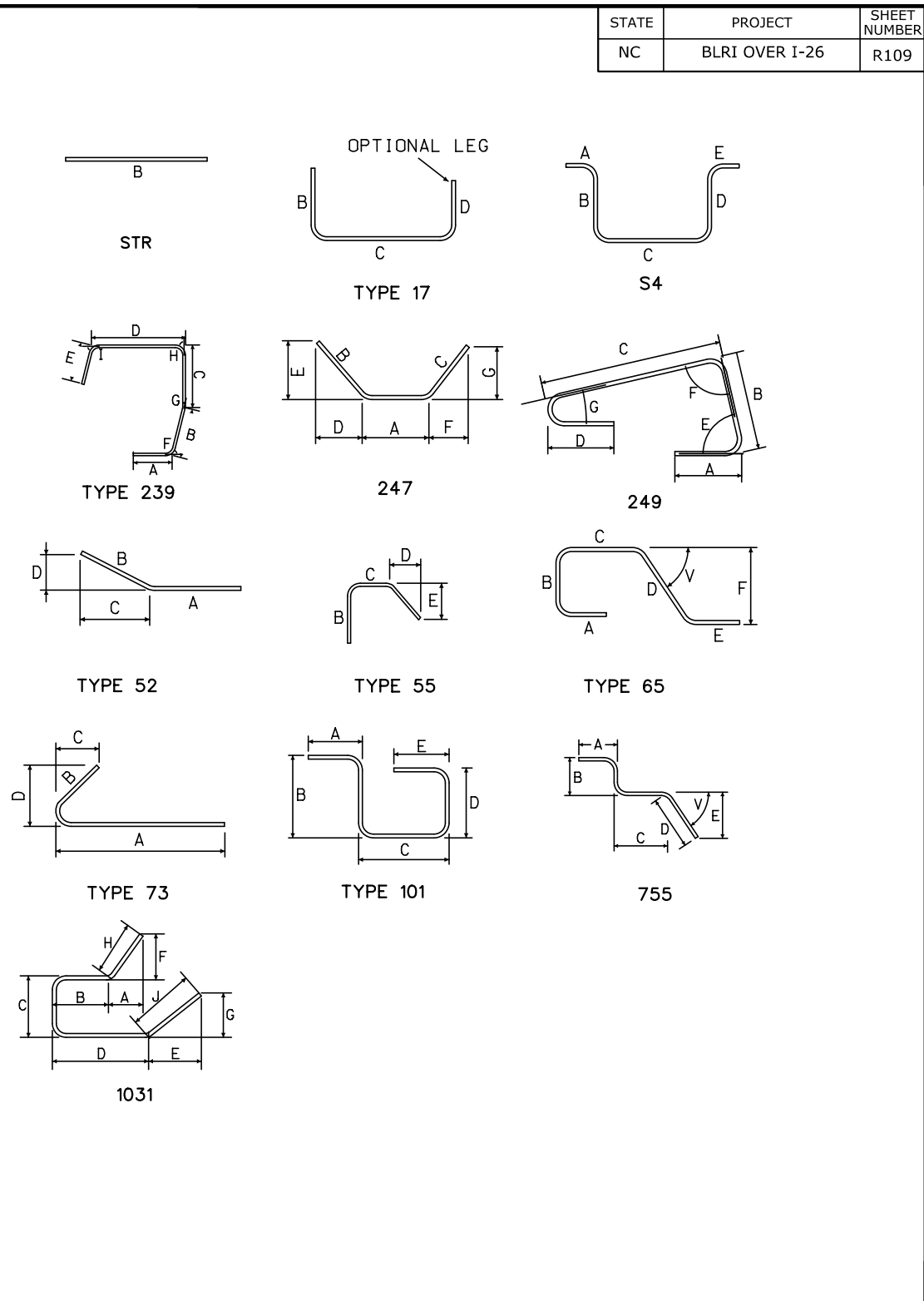
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								CC/CWN	BK/CC	HC	½" = 1'-0"	George Choubah	108 of 228	December 2018	BRP-1265

ACTUAL FILE:R109_BLR1_I26_SEGMENT 1-6U BAR LIST.DGN

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REINFORCING STEEL SCHEDULE				DIMENSION TABLE																
SEGMENT 1-6U BAR LIST																				
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N
*5SE1	5	STR		Longitudinal	142	9'-8"	1432		9'-8"											
*5SE2	5	STR		Trans. top	11	36'-2"	415		36'-2"											
*5SE3	5	STR		Trans. top	11	6'-0"	69		6'-0"											
*5SE4	5	52	0'-3 3/4"	Trans. top	22	16'-10"	386	9'-1"	7'-9"	7'-4 1/2"	2'-5"									
*5SE5	5	247	0'-3 3/4"	Trans. top	22	4'-7"	105	2'-10 1/4"	0'-10"	0'-10"	0'-6 3/4"	0'-7 3/4"	0'-5 1/2"	0'-8 3/4"						
*5SE6	5	STR		Trans. top	22	3'-3"	75		3'-3"											
*7SE7	7	73	0'-5 5/16"	Vert. i.f.	40	8'-10 1/2"	726	7'-8 1/2"	1'-2"	0'-3"	1'-2 1/2"									
*7SE8	7	52	0'-5 5/16"	Vert. o.f.	38	8'-11 1/2"	696	7'-9 1/4"	1'-2"	0'-3 1/2"	1'-1 3/4"									
*7SE9	7	52	0'-5 5/16"	Vert. e.f.	80	7'-8 1/2"	1260	6'-6 1/2"	1'-2"	0'-3 1/2"	1'-1 3/4"									
*5SE10	5	52	0'-3 3/4"	Trans. bot.	80	9'-10"	820	8'-11 3/4"	0'-10"	0'-2 1/2"	0'-9 3/4"									
*6SE11	6	65	0'-4 1/2"	Rail	15	6'-1 1/2"	138	1'-0"	1'-4"	1'-4 1/4"	1'-5 1/4"	1'-0"	1'-5"							77°
*6SE12	6	65	0'-4 1/2"	Rail	15	6'-10"	154	1'-0"	1'-8 1/2"	1'-6"	1'-7 1/4"	1'-0"	1'-7 1/4"							84°
*5SE13	5	17	0'-3 3/4"	Rail	8	1'-8"	14		1'-3"	0'-5"										
*5SE14	5	17	0'-3 3/4"	Rail	10	5'-1 1/2"	53		1'-10 1/2"	1'-4 1/4"	1'-10 1/2"									
*5SE15	5	17	0'-3 3/4"	Rail	10	6'-2"	64		1'-10 1/4"	2'-5 1/2"	1'-10 1/4"									
*4SE16	4	17	0'-3 1/8"	Trans. top	64	7'-5"	317		4'-0"	0'-5"	3'-0"									
*4SE17	4	S4	0'-3 1/8"	Trans. bot.	12	3'-6 1/2"	28	0'-8"	0'-9"	0'-8 1/2"	0'-9"	0'-8"								
*4SE18	4	S4	0'-3 1/8"	Trans. bot.	8	3'-10 1/2"	21	0'-8"	0'-11"	0'-8 1/2"	0'-11"	0'-8"								
*7SE19	7	55	0'-5 5/16"	Vert. o.f.	2	8'-10 1/2"	36		1'-2"	2'-0"	5'-7"	1'-5 1/2"								
SUBTOTAL							6810	LBS												
ERECTION ANCHOR BLOCK BAR LIST																				
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N
*6DE1	6	S4	0'-4 1/2"	Trans. bot.	6	8'-2 1/2"	74	1'-0"	1'-6 3/4"	3'-1"	1'-6 3/4"	1'-0"								
*6DE2	6	S4	0'-4 1/2"	Long. bot.	6	6'-11"	62	1'-0"	1'-7"	1'-9"	1'-7"	1'-0"								
*6DE3	6	239	0'-4 1/2"	Trans. top	12	7'-3"	131	1'-0"	2'-5 1/4"	1'-6 3/4"	1'-2 3/4"	1'-0"	76°	90°	14°					
*6DE4	6	S4	0'-4 1/2"	Stirrups	2	8'-3 1/2"	25	1'-0"	2'-4"	1'-7 1/2"	2'-4"	1'-0"								
*6DE5	6	S4	0'-4 1/2"	Stirrups	2	8'-6 1/2"	26	1'-0"	2'-5 1/2"	1'-7 1/2"	2'-5 1/2"	1'-0"								
*6DE6	6	S4	0'-4 1/2"	Stirrups	2	8'-10"	27	1'-0"	2'-7 1/4"	1'-7 1/2"	2'-7 1/4"	1'-0"								
*6DE7	6	S4	0'-4 1/2"	Long. top	4	8'-11"	54	1'-0"	2'-7 3/4"	1'-7 1/2"	2'-7 3/4"	1'-0"								
SUBTOTAL							398	LBS												
BOTTOM SLAB BLISTER BAR LIST																				
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N
*6LE1	6	17	0'-4 1/2"	Long. bot.	6	10'-4 1/2"	93		9'-8"	0'-8 1/2"										
*5LE2	5	249	0'-3 3/4"	Long. bot.	8	11'-10"	99	0'-10"	2'-2"	7'-11 3/4"	0'-10"	77°	90°	13°						
*5LE3	5	STR		Long. bot.	8	7'-2 1/2"	60		7'-2 1/2"											
*5LE4	5	STR		Long. bot.	8	5'-0 1/2"	42		5'-0 1/2"											
*6LE5	6	755	0'-4 1/2"	Trans. bot.	2 sets of 15	6'-9" to 5'-8 1/2" at 0'-1" incr.	262	1'-0"	2'-6 1/4" to 2'-10 1/4" at 0'-0" incr.	2'-2 3/4" to 0'-10 1/4" at 0'-1" incr.	1'-0"	0'-11 3/4"								76°
*6LE6	6	1031	0'-4 1/2"	Trans. bot.	6	8'-11 1/2"	81	0'-3"	2'-11"	1'-4 3/4"	2'-7"	0'-3"	1'-0"	1'-0"	1'-0"	1'-0"				
*6LE7	6	101	0'-4 1/2"	Trans. bot.	2 sets of 12	6'-8" to 5'-0 1/2" at 0'-2" incr.	188	1'-0"	1'-8 1/4" to 0'-10 1/4" at 0'-1" incr.	1'-3 3/4" to 0'-10 1/4" at 0'-1" incr.	1'-8 1/4"	1'-0"								
SUBTOTAL							868	LBS												



U.S. DEPARTMENT OF TRANSPORTATION
 FEDERAL HIGHWAY ADMINISTRATION
 EASTERN FEDERAL LANDS HIGHWAY DIVISION

BLUE RIDGE PARKWAY

BRIDGE OVER I-26

SEGMENT 1-6U
 BAR LIST

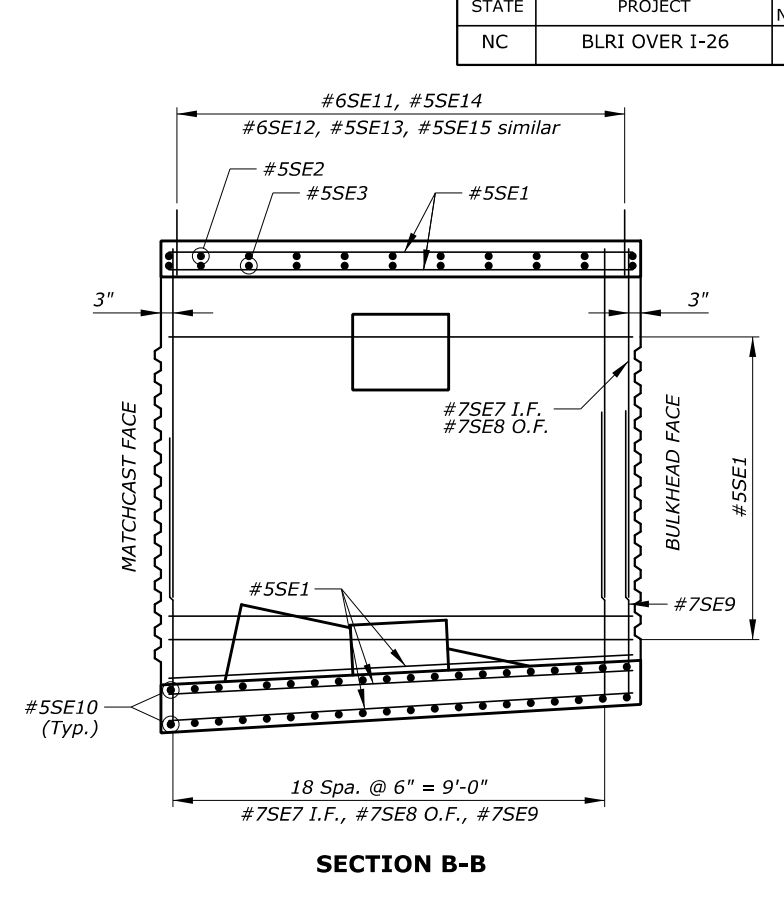
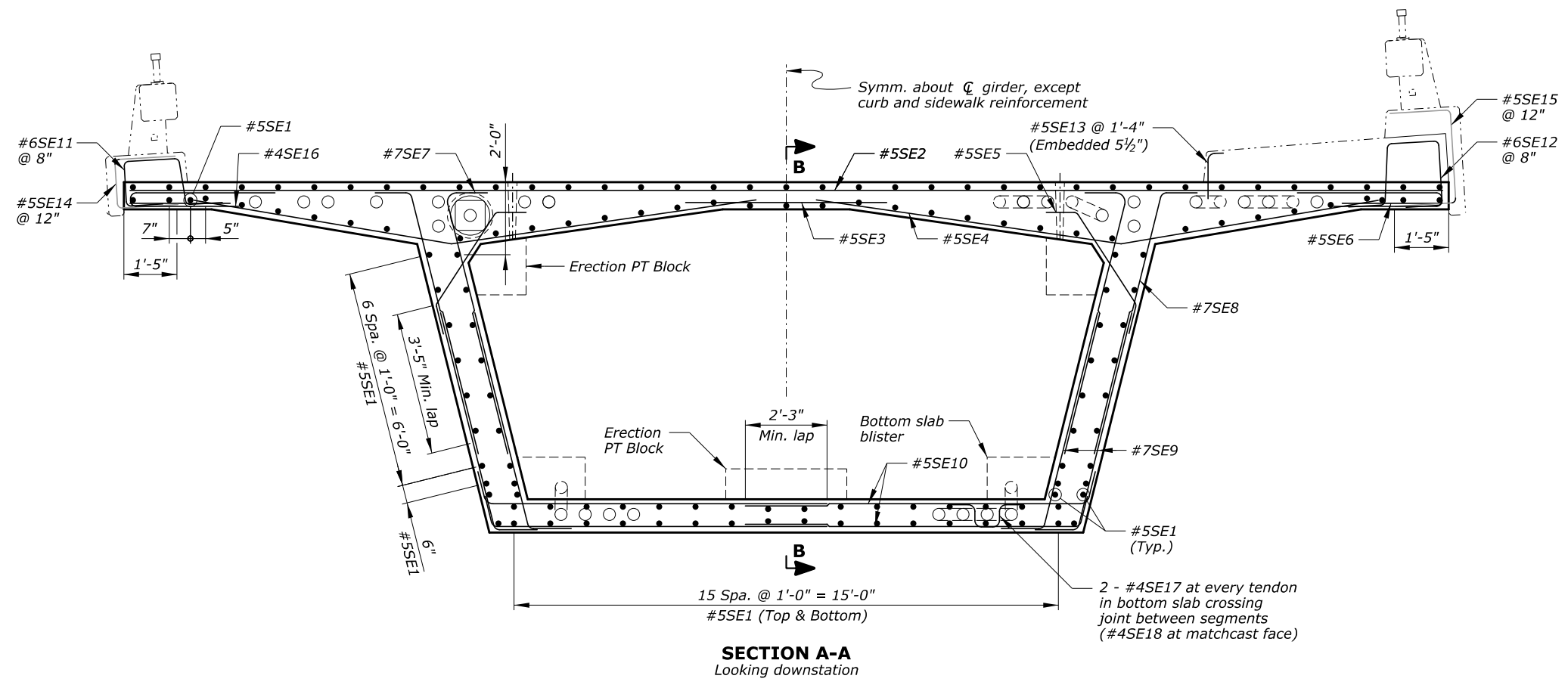
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC	CC	LE	No Scale	George Choubah	109 of 228	December 2018	BRP-1265

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R110

ACTUAL FILE: R110_BLR1_I26_SEGMENT 1-7U REINF.DGN

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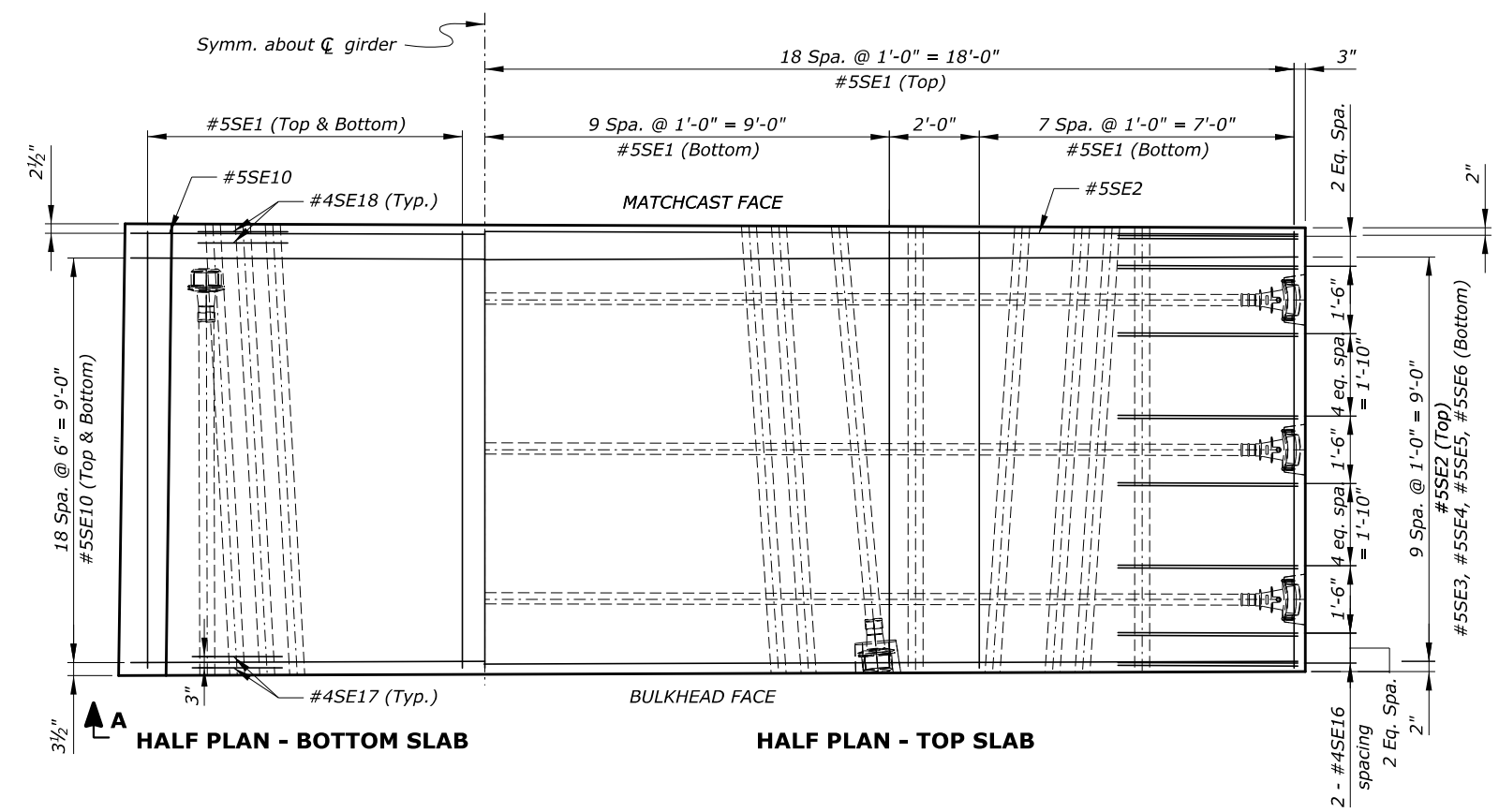


Notes:

1. Minimum concrete cover is 2 1/2" at top face of deck, and 1 1/2" at all other faces, unless otherwise noted.
2. Adjust slightly the location of reinforcement to avoid conflict with post-tensioning ducts.
3. For information on reinforcement in erection post-tensioning anchor blocks, see "ERECTION ANCHOR BLOCK" sheet.
4. For information on reinforcement in the bottom slab blister, see "BOTTOM SLAB BLISTER" sheet.

Key:

- e.f. = each face
- I.F. = inside face
- O.F. = outside face



U.S. DEPARTMENT OF TRANSPORTATION
 FEDERAL HIGHWAY ADMINISTRATION
 EASTERN FEDERAL LANDS HIGHWAY DIVISION

BLUE RIDGE PARKWAY

 BRIDGE OVER I-26

SEGMENT 1-7U REINFORCEMENT

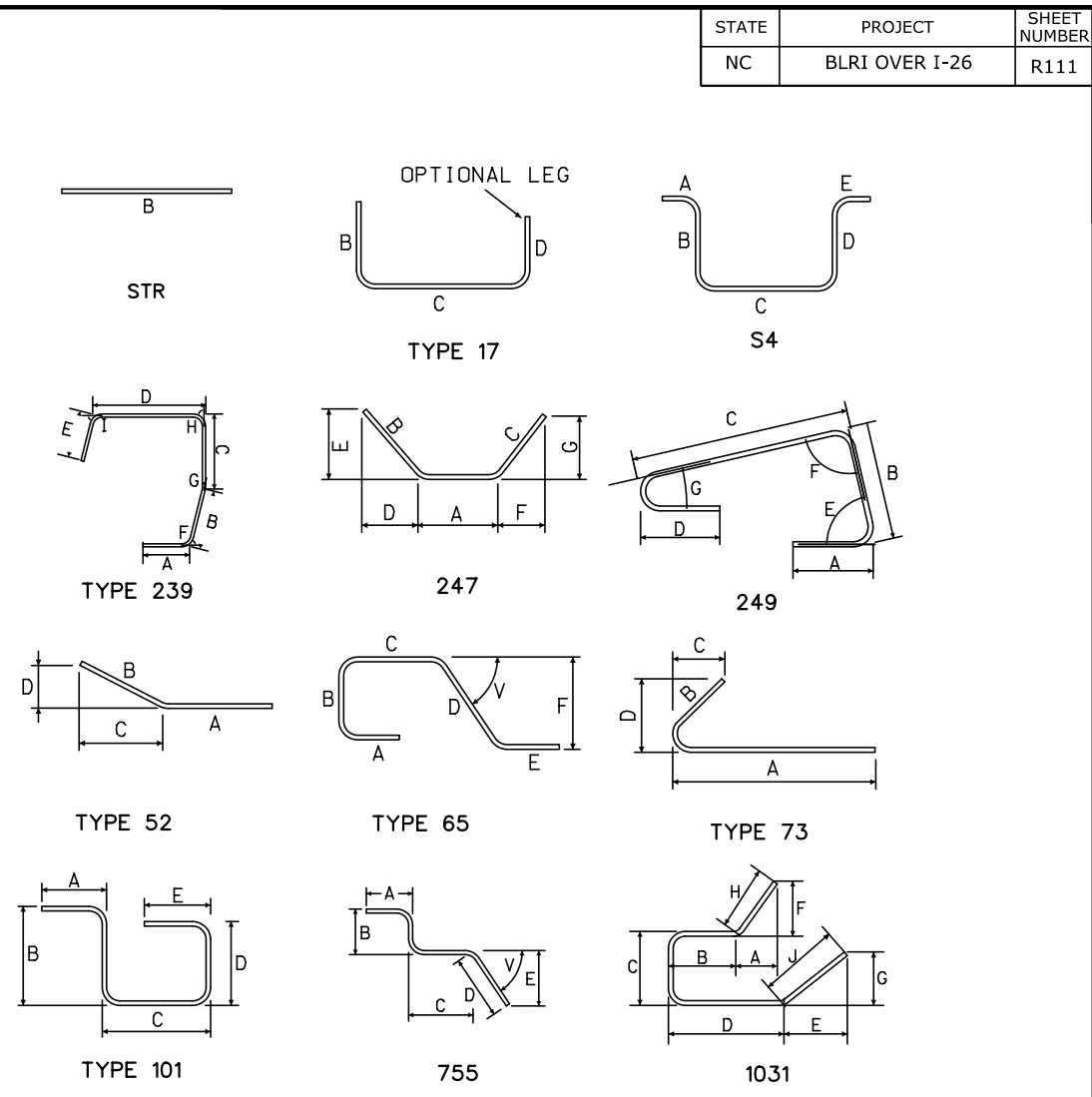
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC/CWN	BK/CC	HC	1/2" = 1'-0"	George Choubah	110 of 228	December 2018	BRP-1265

ACTUAL FILE:R111_BLR1_I26_SEGMENT 1-7U BAR LIST.DGN

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REINFORCING STEEL SCHEDULE				DIMENSION TABLE																
SEGMENT 1-7U BAR LIST																				
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N
*5SE1	5	STR		Longitudinal	144	9'-8"	1452		9'-8"											
*5SE2	5	STR		Trans. top	11	36'-2"	415		36'-2"											
*5SE3	5	STR		Trans. top	11	6'-0"	69		6'-0"											
*5SE4	5	52	0'-3 3/4"	Trans. top	22	16'-10"	386	9'-1"	7'-9"	7'-4 1/2"	2'-5"									
*5SE5	5	247	0'-3 3/4"	Trans. top	22	4'-7"	105	2'-10 1/4"	0'-10"	0'-10"	0'-6 3/4"	0'-7 3/4"	0'-5 1/2"	0'-8 3/4"						
*5SE6	5	STR		Trans. top	22	3'-3"	75		3'-3"											
*7SE7	7	73	0'-5 5/16"	Vert. i.f.	40	8'-6 1/2"	698	7'-4 1/4"	1'-2"	0'-3"	1'-2 1/2"									
*7SE8	7	52	0'-5 5/16"	Vert. o.f.	40	8'-7"	702	7'-5"	1'-2"	0'-3 1/2"	1'-1 3/4"									
*7SE9	7	52	0'-5 5/16"	Vert. e.f.	80	7'-4 1/2"	1206	6'-2 1/4"	1'-2"	0'-3 1/2"	1'-1 3/4"									
*5SE10	5	52	0'-3 3/4"	Trans. bot.	80	9'-11 1/2"	831	9'-1 1/4"	0'-10"	0'-2 1/2"	0'-9 3/4"									
*6SE11	6	65	0'-4 1/2"	Rail	15	6'-1 1/2"	138	1'-0"	1'-4"	1'-4 1/4"	1'-5 1/4"	1'-0"	1'-5"							77°
*6SE12	6	65	0'-4 1/2"	Rail	15	6'-10"	154	1'-0"	1'-8 1/2"	1'-6"	1'-7 1/4"	1'-0"	1'-7 1/4"							84°
*5SE13	5	17	0'-3 3/4"	Rail	8	1'-8"	14		1'-3"	0'-5"										
*5SE14	5	17	0'-3 3/4"	Rail	10	5'-1 1/2"	53		1'-10 1/2"	1'-4 1/4"	1'-10 1/2"									
*5SE15	5	17	0'-3 3/4"	Rail	10	6'-2"	64		1'-10 1/4"	2'-5 1/2"	1'-10 1/4"									
*4SE16	4	17	0'-3 1/8"	Trans. top	64	7'-5"	317		4'-0"	0'-5"	3'-0"									
*4SE17	4	S4	0'-3 1/8"	Trans. bot.	16	3'-4 1/2"	36	0'-8"	0'-8"	0'-8 1/2"	0'-8"	0'-8"								
*4SE18	4	S4	0'-3 1/8"	Trans. bot.	12	3'-6 1/2"	28	0'-8"	0'-9"	0'-8 1/2"	0'-9"	0'-8"								
SUBTOTAL							6744	LBS												
ERECTION ANCHOR BLOCK BAR LIST																				
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N
*6DE1	6	S4	0'-4 1/2"	Trans. bot.	6	8'-2 1/2"	74	1'-0"	1'-6 3/4"	3'-1"	1'-6 3/4"	1'-0"								
*6DE2	6	S4	0'-4 1/2"	Long. bot.	6	6'-11"	62	1'-0"	1'-7"	1'-9"	1'-7"	1'-0"								
*6DE3	6	239	0'-4 1/2"	Trans. top	12	7'-3"	131	1'-0"	2'-5 1/4"	1'-6 3/4"	1'-2 3/4"	1'-0"	76°	90°	14°					
*6DE4	6	S4	0'-4 1/2"	Stirrups	2	8'-3 1/2"	25	1'-0"	2'-4"	1'-7 1/2"	2'-4"	1'-0"								
*6DE5	6	S4	0'-4 1/2"	Stirrups	2	8'-6 1/2"	26	1'-0"	2'-5 1/2"	1'-7 1/2"	2'-5 1/2"	1'-0"								
*6DE6	6	S4	0'-4 1/2"	Stirrups	2	8'-10"	27	1'-0"	2'-7 1/4"	1'-7 1/2"	2'-7 1/4"	1'-0"								
*6DE7	6	S4	0'-4 1/2"	Long. top	4	8'-11"	54	1'-0"	2'-7 3/4"	1'-7 1/2"	2'-7 3/4"	1'-0"								
SUBTOTAL							398	LBS												
BOTTOM SLAB BLISTER BAR LIST																				
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N
*6LE1	6	17	0'-4 1/2"	Long. bot.	6	10'-3 1/2"	93		9'-8"	0'-7 1/2"										
*5LE2	5	249	0'-3 3/4"	Long. bot.	8	11'-4 1/2"	95	0'-10"	2'-1"	7'-7 1/4"	0'-10"	77°	90°	13°						
*5LE3	5	STR		Long. bot.	8	6'-10"	57		6'-10"											
*5LE4	5	STR		Long. bot.	8	4'-8"	39		4'-8"											
*6LE5	6	755	0'-4 1/2"	Trans. bot.	2	6'-8"	258	1'-0"	2'-6 1/4"	2'-1 3/4"	1'-0"	0'-11 3/4"								76°
					sets to of 15	5'-7 1/2" at 0'-1" Incr.			to to 2'-10 1/4" at 0'-0" at 0'-1" Incr.											
*6LE6	6	1031	0'-4 1/2"	Trans. bot.	6	8'-11 1/2"	81	0'-3"	2'-11"	1'-4 3/4"	2'-7"	0'-3"	1'-0"	1'-0"	1'-0"	1'-0"				
*6LE7	6	101	0'-4 1/2"	Trans. bot.	2	6'-6"	182	1'-0"	1'-7 1/4"	1'-3 3/4"	1'-7 1/4"	1'-0"								
					sets to of 12	4'-10" at 0'-2" Incr.			to to 0'-9 1/4" at 0'-1" Incr.			to to 0'-9 1/4" at 0'-1" Incr.								
SUBTOTAL							847	LBS												



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 EASTERN FEDERAL LANDS HIGHWAY DIVISION

BLUE RIDGE PARKWAY

BRIDGE OVER I-26

SEGMENT 1-7U
 BAR LIST

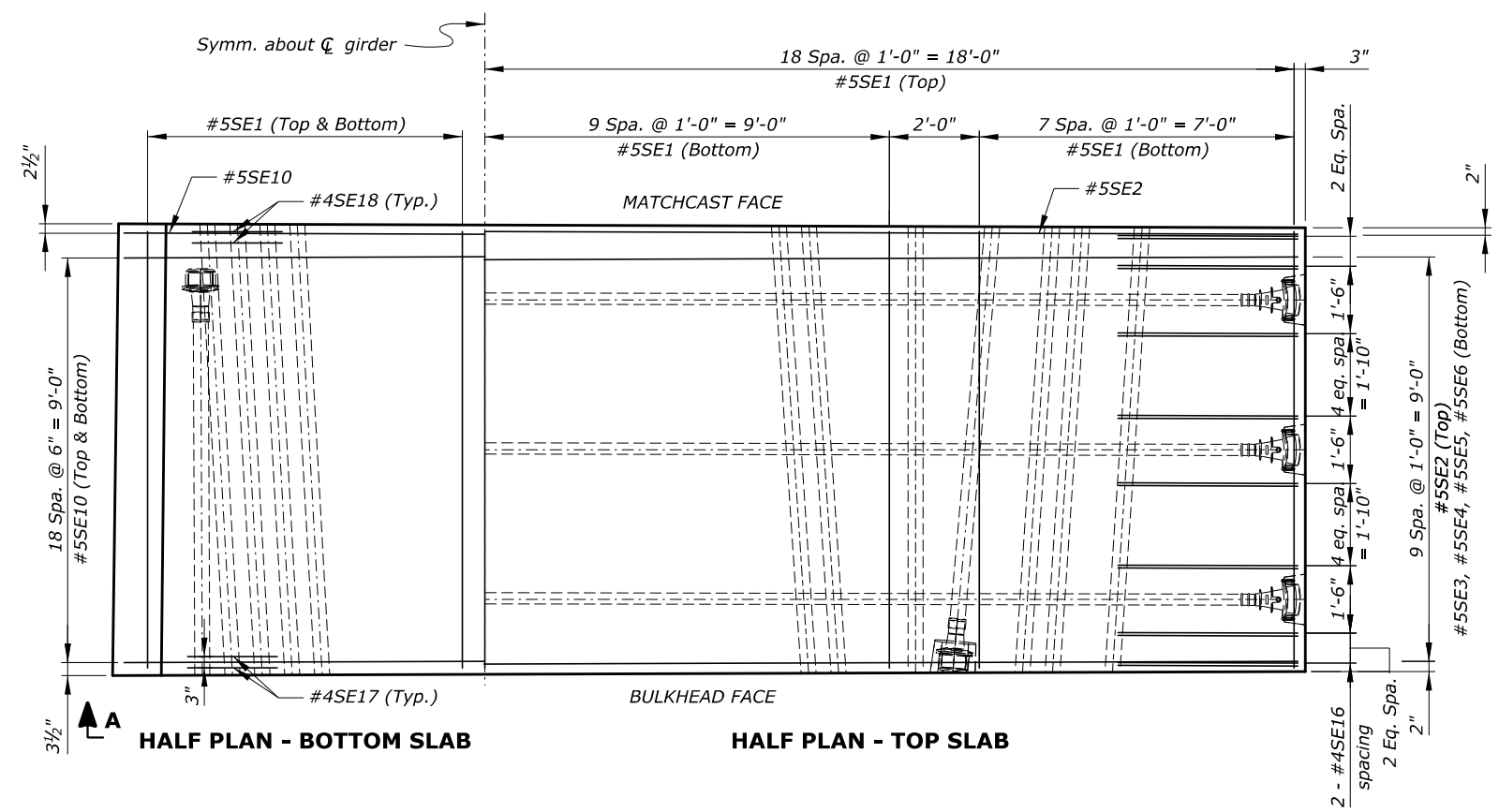
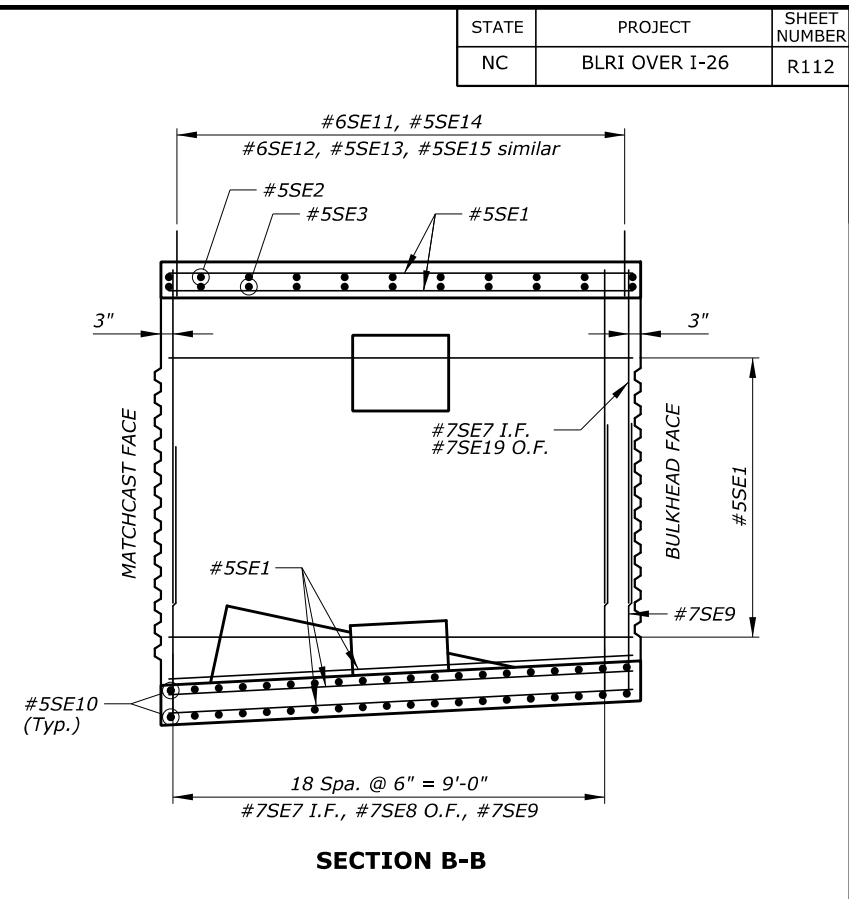
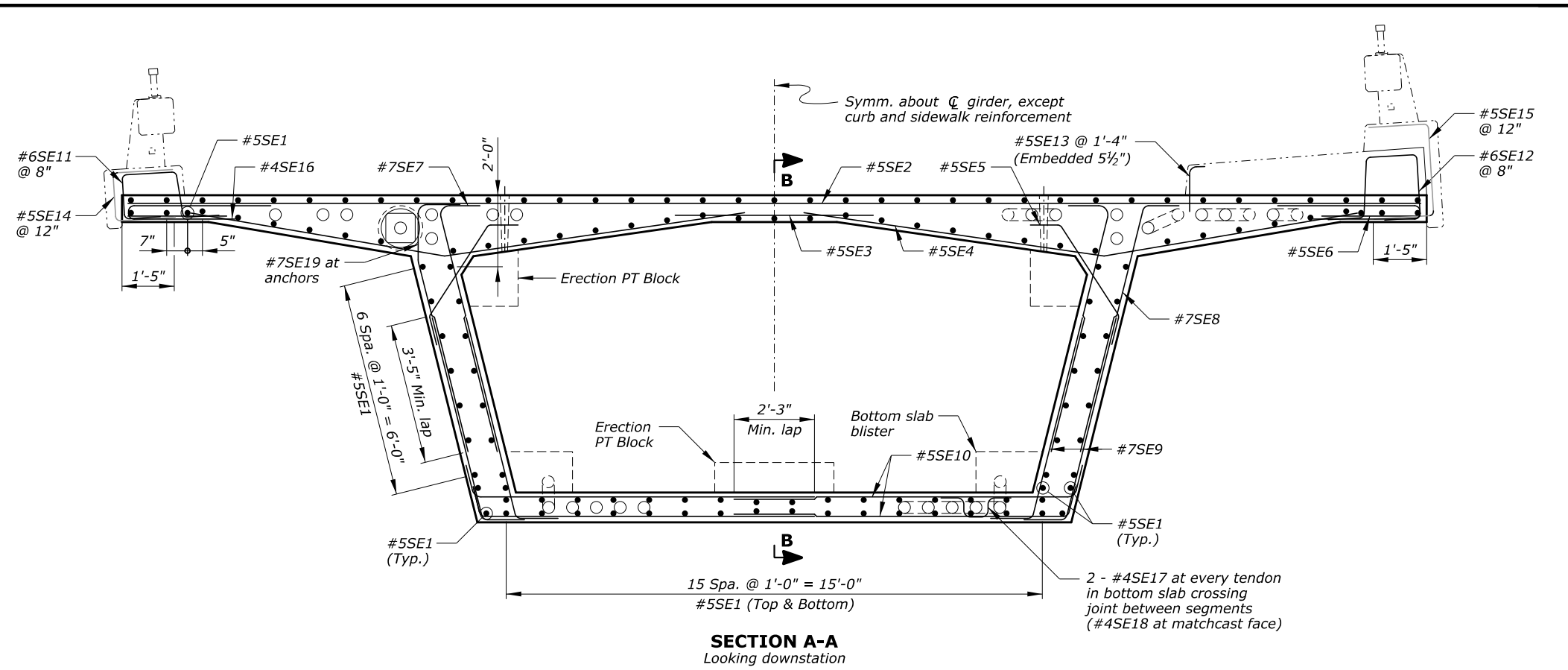
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC	CC	LE	No Scale	George Choubah	111 of 228	December 2018	BRP-1265

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R112

ACTUAL FILE:R112_BLR1_I26_SEGMENT 1-8U REINF.DGN

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- Notes:
- Minimum concrete cover is 2 1/2" at top face of deck, and 1 1/2" at all other faces, unless otherwise noted.
 - Adjust slightly the location of reinforcement to avoid conflict with post-tensioning ducts.
 - For information on reinforcement in erection post-tensioning anchor blocks, see "ERECTION ANCHOR BLOCK" sheet.
 - For information on reinforcement in the bottom slab blister, see "BOTTOM SLAB BLISTER" sheet.

Key:
e.f. = each face
I.F. = inside face
O.F. = outside face

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
EASTERN FEDERAL LANDS HIGHWAY DIVISION

BLUE RIDGE PARKWAY

BRIDGE OVER I-26

SEGMENT 1-8U REINFORCEMENT

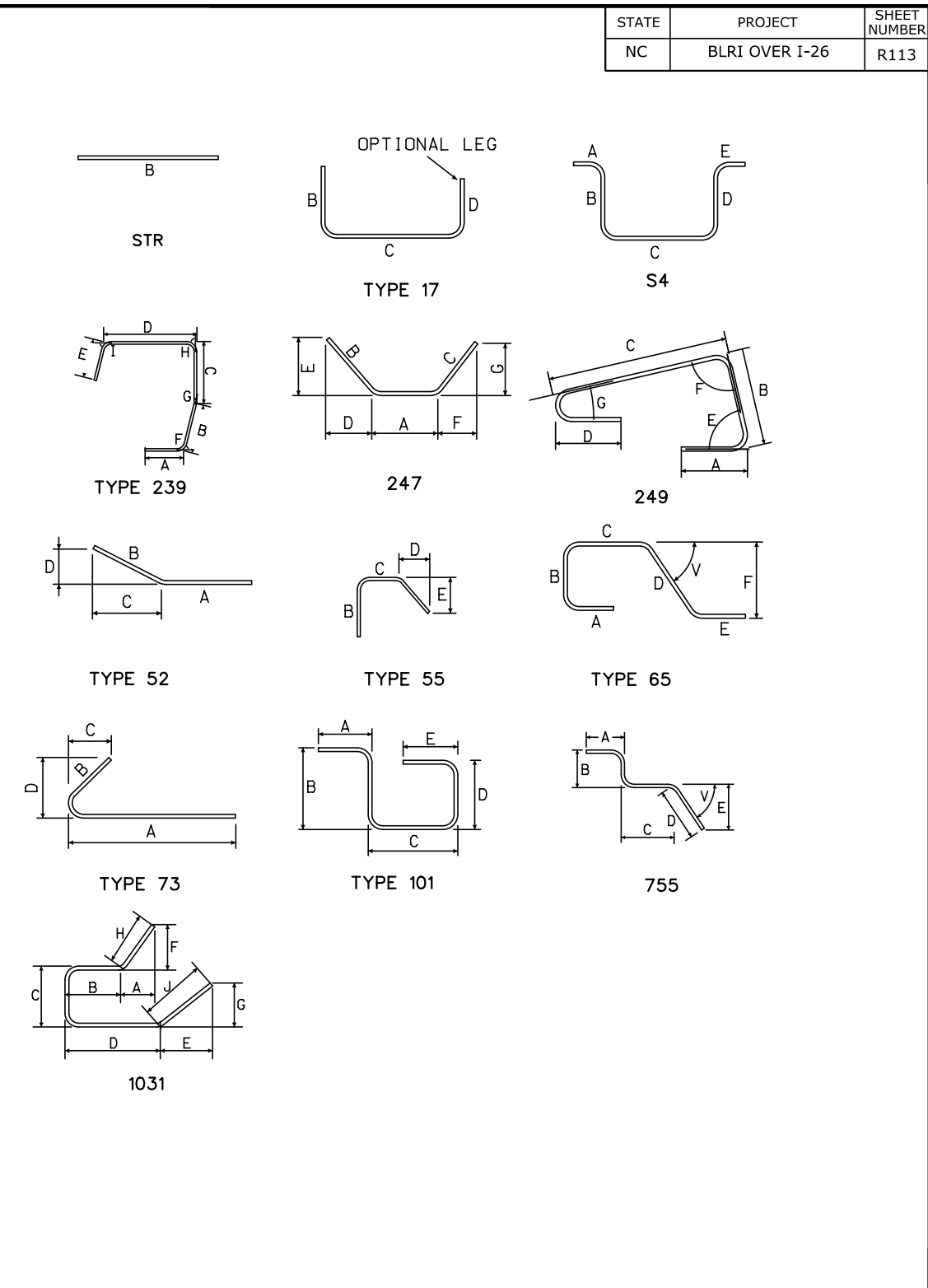
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								CC/CWN	BK/CC	HC	1/2" = 1'-0"	George Choubah	112 of 228	December 2018	BRP-1265

ACTUAL FILE:R113_BLR1_I26_SEGMENT 1-8U BAR LIST.DGN

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REINFORCING STEEL SCHEDULE				DIMENSION TABLE																
SEGMENT 1-8U BAR LIST																				
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N
*5SE1	5	STR		Longitudinal	140	9'-8"	1412		9'-8"											
*5SE2	5	STR		Trans. top	11	36'-2"	415		36'-2"											
*5SE3	5	STR		Trans. top	11	6'-0"	69		6'-0"											
*5SE4	5	52	0'-3 3/4"	Trans. top	22	16'-10"	386	9'-1"	7'-9"	7'-4 1/2"	2'-5"									
*5SE5	5	247	0'-3 3/4"	Trans. top	22	4'-7"	105	2'-10 1/4"	0'-10"	0'-10"	0'-6 3/4"	0'-7 3/4"	0'-5 1/2"	0'-8 3/4"						
*5SE6	5	STR		Trans. top	22	3'-3"	75		3'-3"											
*7SE7	7	73	0'-5 5/16"	Vert. i.f.	40	8'-3"	675	7'-1"	1'-2"	0'-3"	1'-2 1/2"									
*7SE8	7	52	0'-5 5/16"	Vert. o.f.	38	8'-3 1/2"	644	7'-1 3/4"	1'-2"	0'-3 1/2"	1'-1 3/4"									
*7SE9	7	52	0'-5 5/16"	Vert. e.f.	80	7'-0"	1145	5'-10"	1'-2"	0'-3 1/2"	1'-1 3/4"									
*5SE10	5	52	0'-3 3/4"	Trans. bot.	80	10'-0 1/2"	838	9'-2 1/2"	0'-10"	0'-2 1/2"	0'-10"									
*6SE11	6	65	0'-4 1/2"	Rail	15	6'-1 1/2"	138	1'-0"	1'-4"	1'-4 1/4"	1'-5 1/4"	1'-0"	1'-5"							77°
*6SE12	6	65	0'-4 1/2"	Rail	15	6'-10"	154	1'-0"	1'-8 1/2"	1'-6"	1'-7 1/4"	1'-0"	1'-7 1/4"							84°
*5SE13	5	17	0'-3 3/4"	Rail	8	1'-8"	14		1'-3"	0'-5"										
*5SE14	5	17	0'-3 3/4"	Rail	10	5'-1 1/2"	53		1'-10 1/2"	1'-4 1/4"	1'-10 1/2"									
*5SE15	5	17	0'-3 3/4"	Rail	10	6'-2"	64		1'-10 1/4"	2'-5 1/2"	1'-10 1/4"									
*4SE16	4	17	0'-3 1/8"	Trans. top	64	7'-5"	317		4'-0"	0'-5"	3'-0"									
*4SE17	4	S4	0'-3 1/8"	Trans. bot.	20	3'-2 1/2"	43	0'-8"	0'-7"	0'-8 1/2"	0'-7"	0'-8"								
*4SE18	4	S4	0'-3 1/8"	Trans. bot.	16	3'-4 1/2"	36	0'-8"	0'-8"	0'-8 1/2"	0'-8"	0'-8"								
*7SE19	7	55	0'-5 5/16"	Vert. o.f.	2	8'-3"	34		1'-2"	2'-0"	4'-11 3/4"	1'-3 3/4"								
SUBTOTAL							6616 LBS													
ERECTION ANCHOR BLOCK BAR LIST																				
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N
*6DE1	6	S4	0'-4 1/2"	Trans. bot.	6	8'-2 1/2"	74	1'-0"	1'-6 3/4"	3'-1"	1'-6 3/4"	1'-0"								
*6DE2	6	S4	0'-4 1/2"	Long. bot.	6	6'-11"	62	1'-0"	1'-7"	1'-9"	1'-7"	1'-0"								
*6DE3	6	239	0'-4 1/2"	Trans. top	12	7'-3"	131	1'-0"	2'-5 1/4"	1'-6 3/4"	1'-2 3/4"	1'-0"	76°	90°	14°					
*6DE4	6	S4	0'-4 1/2"	Stirrups	2	8'-3 1/2"	25	1'-0"	2'-4"	1'-7 1/2"	2'-4"	1'-0"								
*6DE5	6	S4	0'-4 1/2"	Stirrups	2	8'-6 1/2"	26	1'-0"	2'-5 1/2"	1'-7 1/2"	2'-5 1/2"	1'-0"								
*6DE6	6	S4	0'-4 1/2"	Stirrups	2	8'-10"	27	1'-0"	2'-7 1/4"	1'-7 1/2"	2'-7 1/4"	1'-0"								
*6DE7	6	S4	0'-4 1/2"	Long. top	4	8'-11"	54	1'-0"	2'-7 3/4"	1'-7 1/2"	2'-7 3/4"	1'-0"								
SUBTOTAL							398 LBS													
BOTTOM SLAB BLISTER BAR LIST																				
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N
*6LE1	6	17	0'-4 1/2"	Long. bot.	6	10'-2 1/2"	92		9'-8"	0'-6 1/2"										
*5LE2	5	249	0'-3 3/4"	Long. bot.	8	10'-11"	91	0'-10"	2'-0"	7'-3 1/4"	0'-10"	77°	90°	13°						
*5LE3	5	STR		Long. bot.	8	6'-5 1/2"	54		6'-5 1/2"											
*5LE4	5	STR		Long. bot.	8	4'-3 1/2"	36		4'-3 1/2"											
*6LE5	6	755	0'-4 1/2"		2 sets of 15	6'-7"	254	1'-0"	2'-6 1/4"	2'-0 3/4"	1'-0"	0'-11 3/4"								76°
						to 5'-6 1/2"			to 2'-10 1/4"	to 0'-8 1/4"										
						at 0'-1"			at 0'-0"	at 0'-1"										
						Incr.			Incr.	Incr.										
*6LE6	6	1031	0'-4 1/2"	Trans. bot.	6	8'-11 1/2"	81	0'-3"	2'-11"	1'-4 3/4"	2'-7"	0'-3"	1'-0"	1'-0"	1'-0"	1'-0"				
*6LE7	6	101	0'-4 1/2"	Trans. bot.	2 sets of 12	6'-4"	176	1'-0"	1'-6 1/4"	1'-3 3/4"	1'-6 1/4"	1'-0"								
						to 4'-8 1/2"			to 0'-8 1/4"	to 0'-8 1/4"										
						at 0'-2"			at 0'-1"	at 0'-1"										
						Incr.			Incr.	Incr.										
SUBTOTAL							827 LBS													



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 EASTERN FEDERAL LANDS HIGHWAY DIVISION

BLUE RIDGE PARKWAY

BRIDGE OVER I-26

SEGMENT 1-8U
 BAR LIST

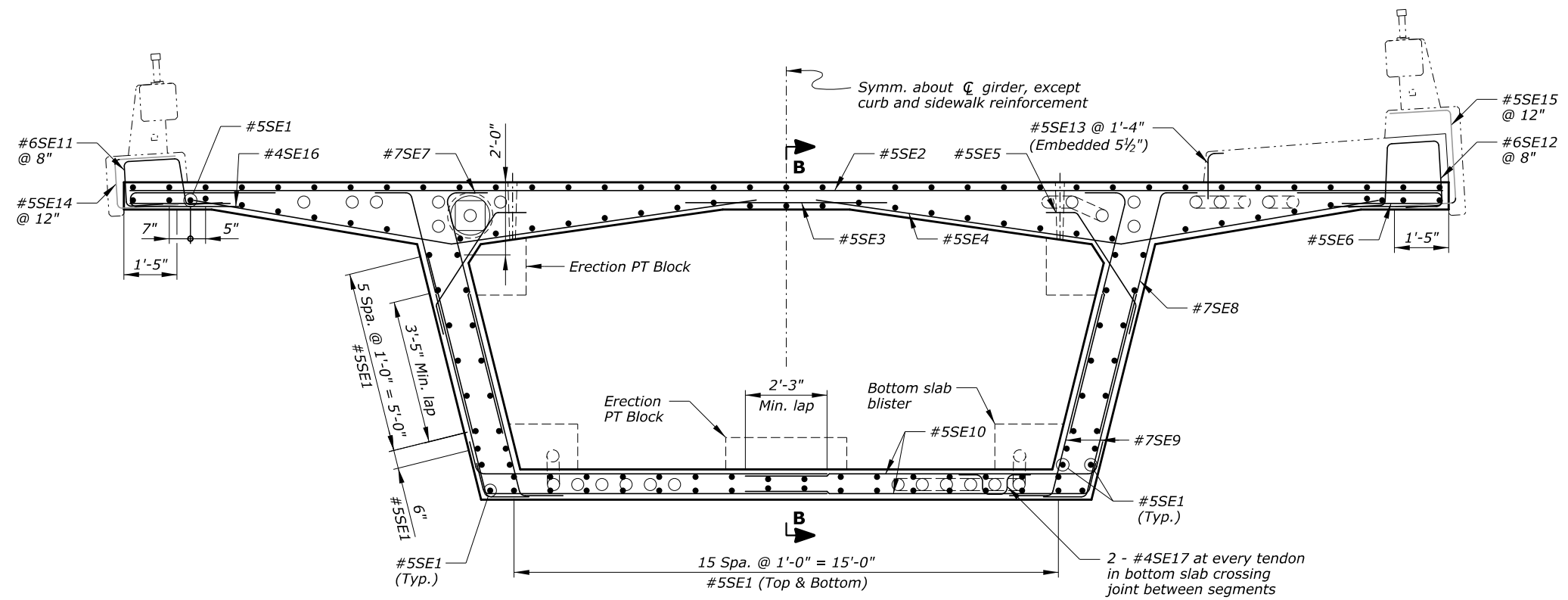
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC	CC	LE	No Scale	George Choubah	113 of 228	December 2018	BRP-1265

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R114

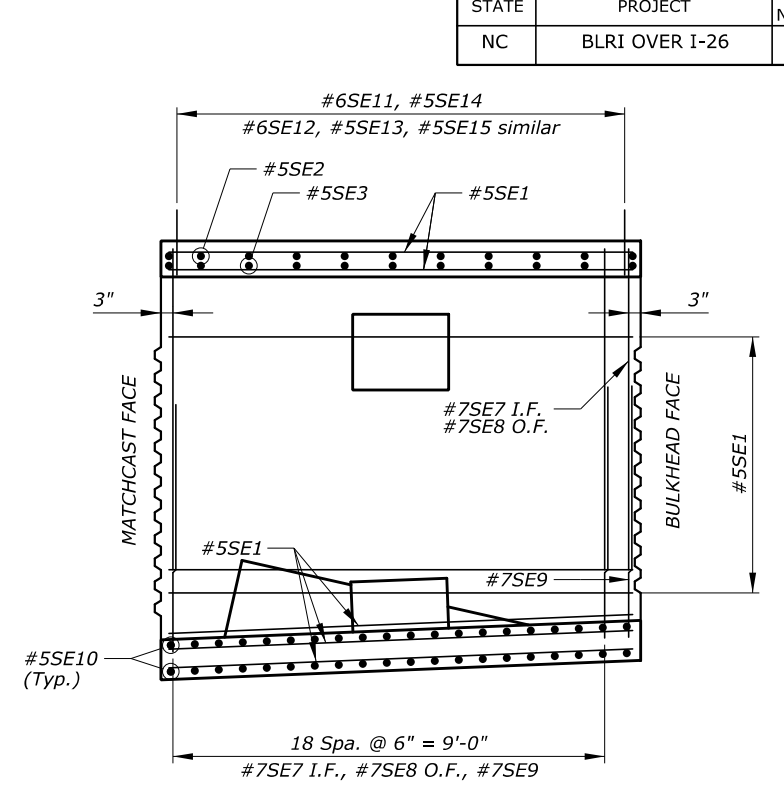
ACTUAL FILE: R114_BLR1_I26_SEGMENT 1-9U REINF.DGN

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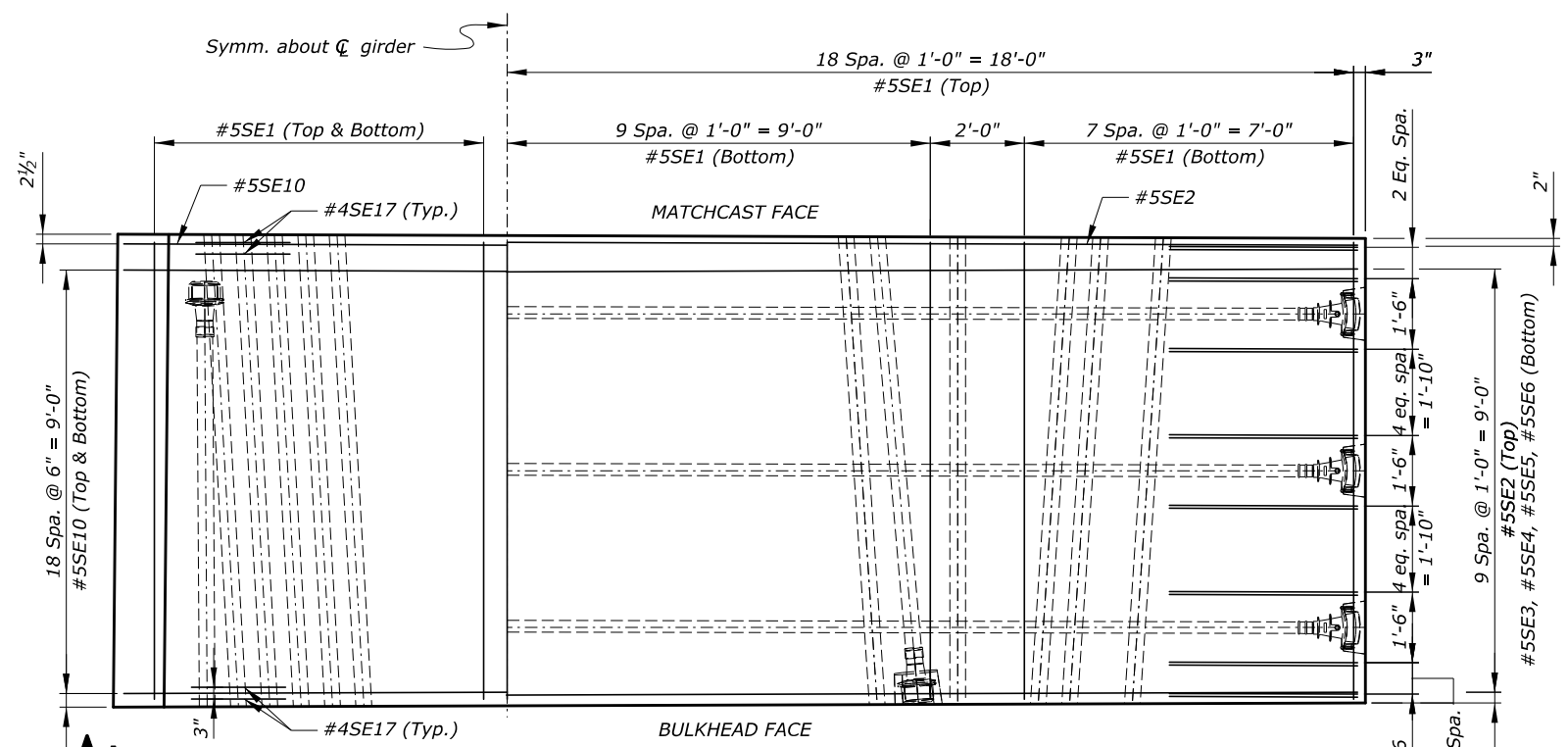
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SECTION A-A
Looking downstation



SECTION B-B



HALF PLAN - BOTTOM SLAB

HALF PLAN - TOP SLAB

Notes:

1. Minimum concrete cover is 2½" at top face of deck, and 1½" at all other faces, unless otherwise noted.
2. Adjust slightly the location of reinforcement to avoid conflict with post-tensioning ducts.
3. For information on reinforcement in erection post-tensioning anchor blocks, see "ERECTION ANCHOR BLOCK" sheet.
4. For information on reinforcement in the bottom slab blister, see "BOTTOM SLAB BLISTER" sheet.

Key:

- e.f. = each face
- I.F. = inside face
- O.F. = outside face

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EASTERN FEDERAL LANDS HIGHWAY DIVISION

BLUE RIDGE PARKWAY

BRIDGE OVER I-26

SEGMENT 1-9U REINFORCEMENT

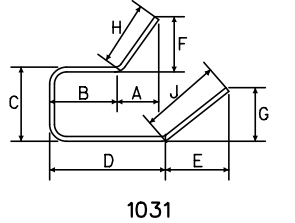
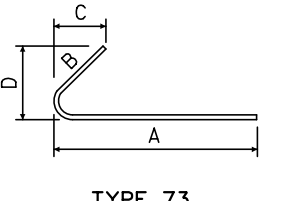
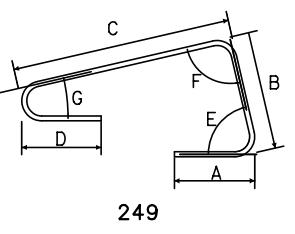
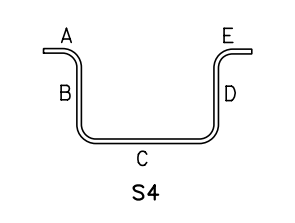
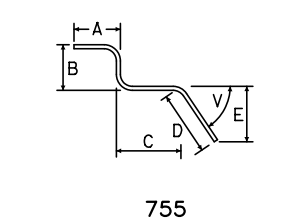
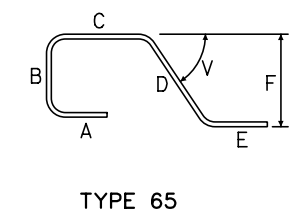
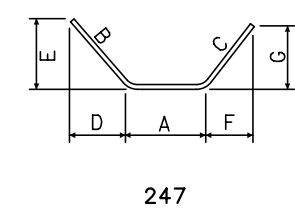
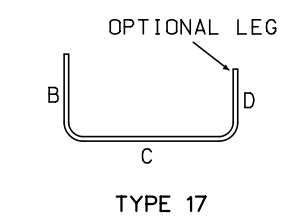
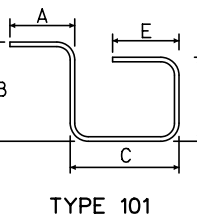
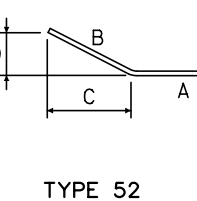
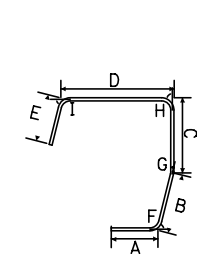
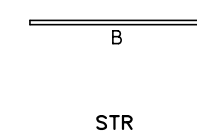
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								CC/CWN	BK/CC	HC	½" = 1'-0"	George Choubah	114 of 228	December 2018	BRP-1265

ACTUAL FILE:R115_BLR1_I26_SEGMENT 1-9U BAR LIST.DGN

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REINFORCING STEEL SCHEDULE				DIMENSION TABLE																
SEGMENT 1-9U BAR LIST																				
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N
*5SE1	5	STR		Longitudinal	140	9'-8"	1412		9'-8"											
*5SE2	5	STR		Trans. top	11	36'-2"	415		36'-2"											
*5SE3	5	STR		Trans. top	11	6'-0"	69		6'-0"											
*5SE4	5	52	0'-3 3/4"	Trans. top	22	16'-10"	386	9'-1"	7'-9"	7'-4 1/2"	2'-5"									
*5SE5	5	247	0'-3 3/4"	Trans. top	22	4'-7"	105	2'-10 1/4"	0'-10"	0'-10"	0'-6 3/4"	0'-7 3/4"	0'-5 1/2"	0'-8 3/4"						
*5SE6	5	STR		Trans. top	22	3'-3"	75		3'-3"											
*7SE7	7	73	0'-5 5/16"	Vert. i.f.	40	7'-9 1/2"	637	6'-7 1/2"	1'-2"	0'-3"	1'-2 1/2"									
*7SE8	7	52	0'-5 5/16"	Vert. o.f.	40	7'-10 1/2"	644	6'-8 1/4"	1'-2"	0'-3 1/2"	1'-1 3/4"									
*7SE9	7	52	0'-5 5/16"	Vert. e.f.	80	6'-11 1/2"	1138	5'-9 1/4"	1'-2"	0'-3 1/2"	1'-1 3/4"									
*5SE10	5	52	0'-3 3/4"	Trans. bot.	80	10'-2"	848	9'-3 3/4"	0'-10"	0'-2 1/2"	0'-10"									
*6SE11	6	65	0'-4 1/2"	Rail	15	6'-1 1/2"	138	1'-0"	1'-4"	1'-4 1/4"	1'-5 1/4"	1'-0"	1'-5"							77°
*6SE12	6	65	0'-4 1/2"	Rail	15	6'-10"	154	1'-0"	1'-8 1/2"	1'-6"	1'-7 1/4"	1'-0"	1'-7 1/4"							84°
*5SE13	5	17	0'-3 3/4"	Rail	8	1'-8"	14		1'-3"	0'-5"										
*5SE14	5	17	0'-3 3/4"	Rail	10	5'-1 1/2"	53		1'-10 1/2"	1'-4 1/4"	1'-10 1/2"									
*5SE15	5	17	0'-3 3/4"	Rail	10	6'-2"	64		1'-10 1/4"	2'-5 1/2"	1'-10 1/4"									
*4SE16	4	17	0'-3 1/8"	Trans. top	64	7'-5"	317		4'-0"	0'-5"	3'-0"									
*4SE17	4	S4	0'-3 1/8"	Trans. bot.	44	3'-2 1/2"	94	0'-8"	0'-7"	0'-8 1/2"	0'-7"	0'-8"								
SUBTOTAL							6563 LBS													
ERECTION ANCHOR BLOCK BAR LIST																				
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N
*6DE1	6	S4	0'-4 1/2"	Trans. bot.	6	8'-2 1/2"	74	1'-0"	1'-6 3/4"	3'-1"	1'-6 3/4"	1'-0"								
*6DE2	6	S4	0'-4 1/2"	Long. bot.	6	6'-11"	62	1'-0"	1'-7"	1'-9"	1'-7"	1'-0"								
*6DE3	6	239	0'-4 1/2"	Trans. top	12	7'-3"	131	1'-0"	2'-5 1/4"	1'-6 3/4"	1'-2 3/4"	1'-0"	76°	90°	14°					
*6DE4	6	S4	0'-4 1/2"	Stirrups	2	8'-3 1/2"	25	1'-0"	2'-4"	1'-7 1/2"	2'-4"	1'-0"								
*6DE5	6	S4	0'-4 1/2"	Stirrups	2	8'-6 1/2"	26	1'-0"	2'-5 1/2"	1'-7 1/2"	2'-5 1/2"	1'-0"								
*6DE6	6	S4	0'-4 1/2"	Stirrups	2	8'-10"	27	1'-0"	2'-7 1/4"	1'-7 1/2"	2'-7 1/4"	1'-0"								
*6DE7	6	S4	0'-4 1/2"	Long. top	4	8'-11"	54	1'-0"	2'-7 3/4"	1'-7 1/2"	2'-7 3/4"	1'-0"								
SUBTOTAL							398 LBS													
BOTTOM SLAB BLISTER BAR LIST																				
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N
*6LE1	6	17	0'-4 1/2"	Long. bot.	6	10'-2 1/2"	92		9'-8"	0'-6 1/2"										
*5LE2	5	249	0'-3 3/4"	Long. bot.	8	10'-11"	91	0'-10"	2'-0"	7'-3 1/4"	0'-10"	77°	90°	13°						
*5LE3	5	STR		Long. bot.	8	6'-5 1/2"	54		6'-5 1/2"											
*5LE4	5	STR		Long. bot.	8	4'-3 1/2"	36		4'-3 1/2"											
*6LE5	6	755	0'-4 1/2"		2 sets of 15 at 0'-1" incr.	6'-7"	254	1'-0"	2'-6 1/4"	2'-0 3/4"	1'-0"	0'-11 3/4"								76°
*6LE6	6	1031	0'-4 1/2"	Trans. bot.	6	8'-11 1/2"	81	0'-3"	2'-11"	1'-4 3/4"	2'-7"	0'-3"	1'-0"	1'-0"	1'-0"	1'-0"				
*6LE7	6	101	0'-4 1/2"	Trans. bot.	2 sets of 12 at 0'-2" incr.	6'-4"	176	1'-0"	1'-6 1/4"	1'-3 3/4"	1'-6 1/4"	1'-0"								
SUBTOTAL							827 LBS													



U.S. DEPARTMENT OF TRANSPORTATION
 FEDERAL HIGHWAY ADMINISTRATION
 EASTERN FEDERAL LANDS HIGHWAY DIVISION
 BLUE RIDGE PARKWAY
 BRIDGE OVER I-26
 SEGMENT 1-9U
 BAR LIST

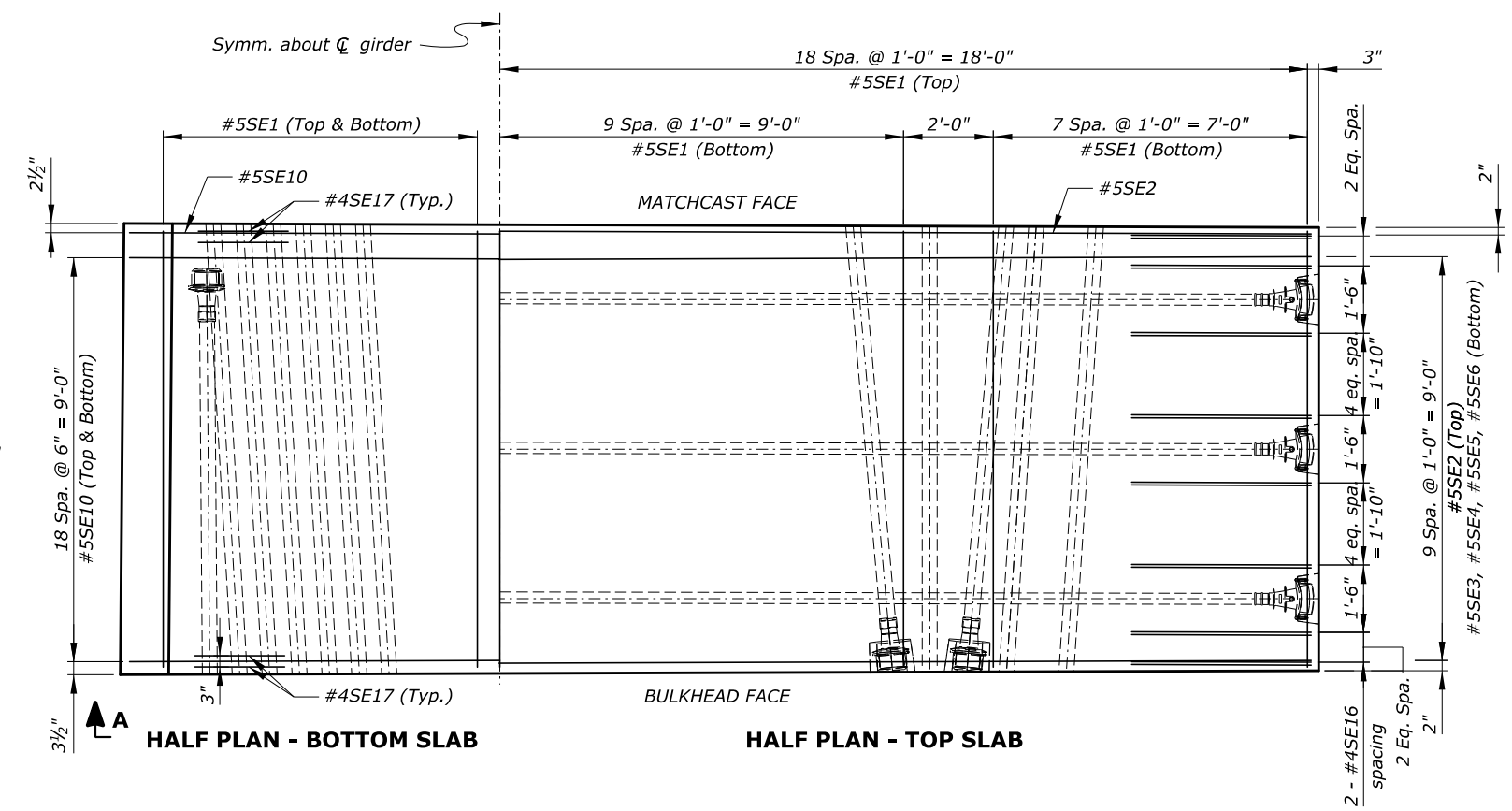
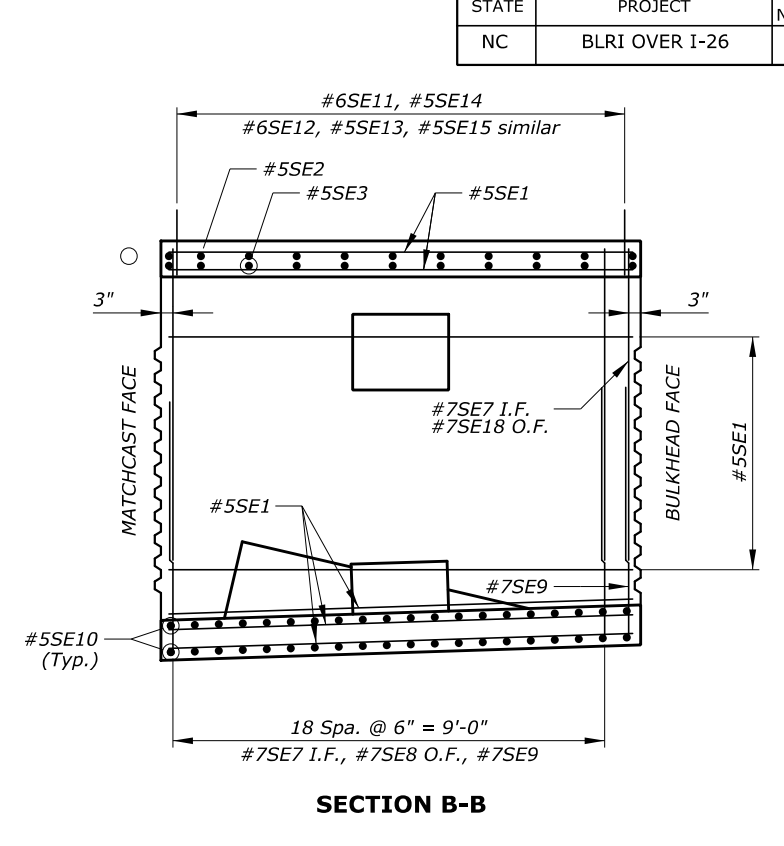
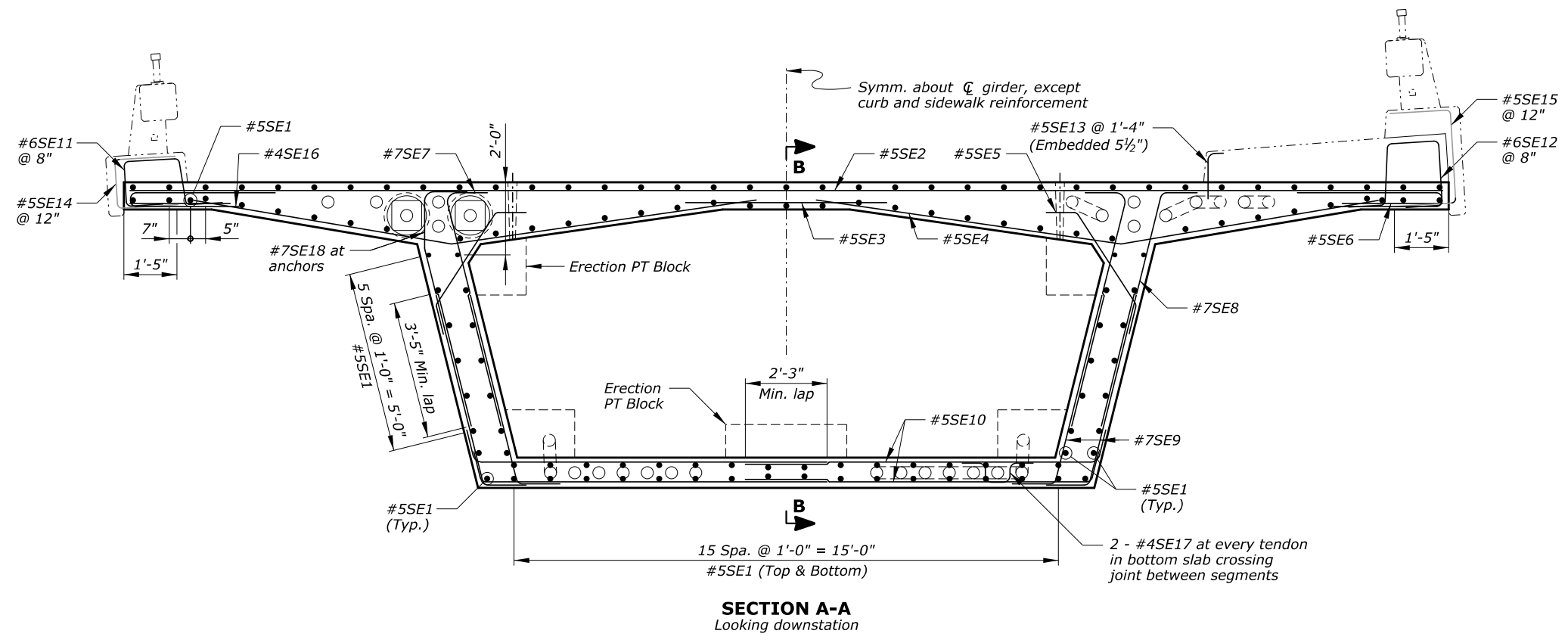
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC	CC	LE	No Scale	George Choubah	115 of 228	December 2018	BRP-1265

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R116

ACTUAL FILE: R116_BLR1_I26_SEGMENT 1-10U REINF. DGN

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Notes:

1. Minimum concrete cover is 2 1/2" at top face of deck, and 1 1/2" at all other faces, unless otherwise noted.
2. Adjust slightly the location of reinforcement to avoid conflict with post-tensioning ducts.
3. For information on reinforcement in erection post-tensioning anchor blocks, see "ERECTION ANCHOR BLOCK" sheet.
4. For information on reinforcement in the bottom slab blister, see "BOTTOM SLAB BLISTER" sheet.

Key:

- e.f. = each face
- I.F. = inside face
- O.F. = outside face

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
EASTERN FEDERAL LANDS HIGHWAY DIVISION

BLUE RIDGE PARKWAY

BRIDGE OVER I-26

SEGMENT 1-10U REINFORCEMENT

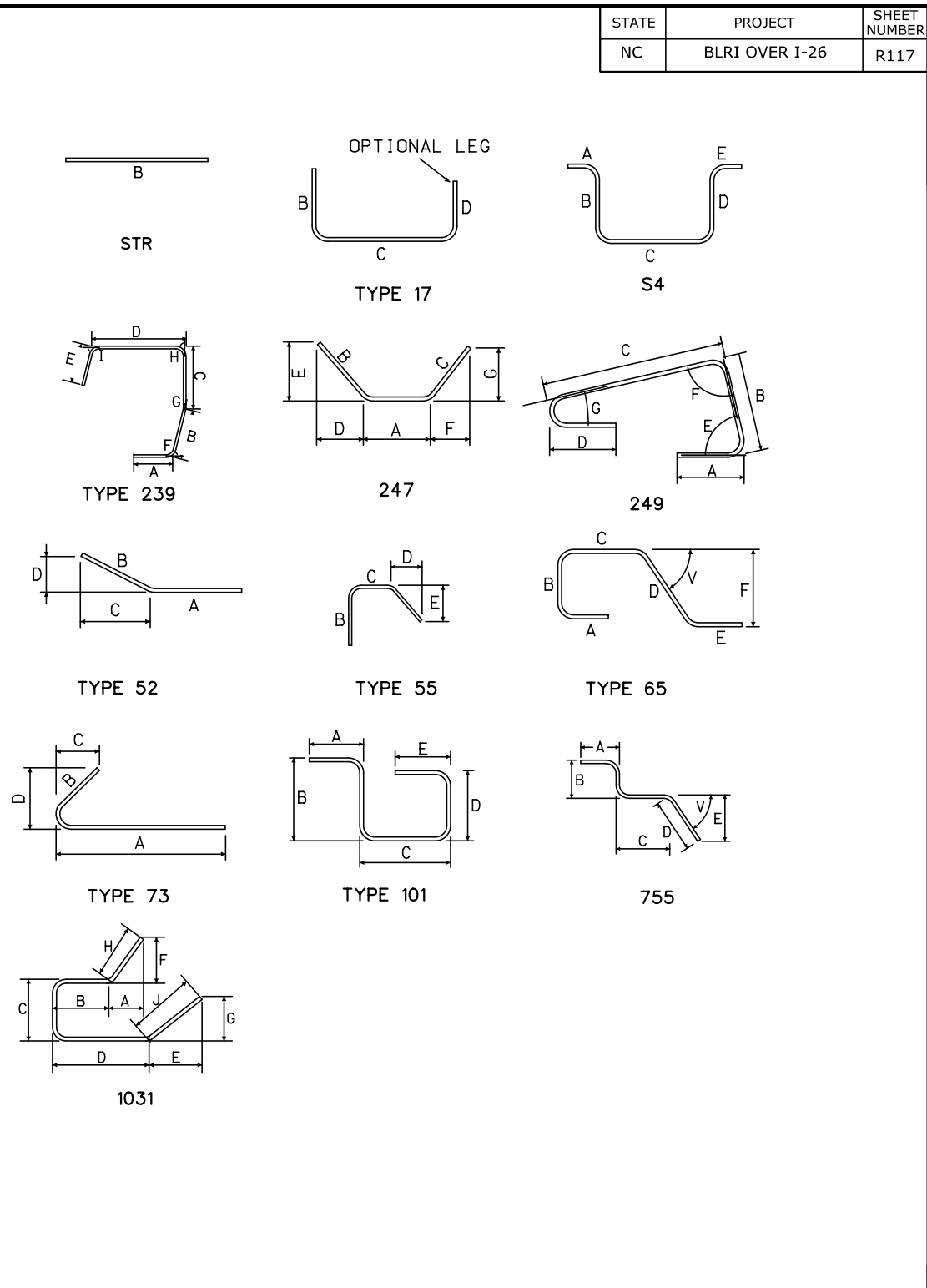
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								CC/CWN	BK/CC	HC	1/2" = 1'-0"	George Choubah	116 of 228	December 2018	BRP-1265

ACTUAL FILE: R117_BLR1_I26_SEGMENT 1-10U BAR LIST.DGN

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REINFORCING STEEL SCHEDULE				DIMENSION TABLE																
SEGMENT 1-10U BAR LIST																				
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N
*5SE1	5	STR		Longitudinal	136	9'-8"	1371		9'-8"											
*5SE2	5	STR		Trans. top	11	36'-2"	415		36'-2"											
*5SE3	5	STR		Trans. top	11	6'-0"	69		6'-0"											
*5SE4	5	52	0'-3 3/4"	Trans. top	22	16'-10"	386	9'-1"	7'-9"	7'-4 1/2"	2'-5"									
*5SE5	5	247	0'-3 3/4"	Trans. top	22	4'-7"	105	2'-10 1/4"	0'-10"	0'-10"	0'-6 3/4"	0'-7 3/4"	0'-5 1/2"	0'-8 3/4"						
*5SE6	5	STR		Trans. top	22	3'-3"	75		3'-3"											
*7SE7	7	73	0'-5 5/16"	Vert. i.f.	40	7'-9"	634	6'-7"	1'-2"	0'-3"	1'-2 1/2"									
*7SE8	7	52	0'-5 5/16"	Vert. o.f.	38	7'-10"	608	6'-7 3/4"	1'-2"	0'-3 1/2"	1'-1 3/4"									
*7SE9	7	52	0'-5 5/16"	Vert. e.f.	80	6'-6 1/2"	1070	5'-4 3/4"	1'-2"	0'-3 1/2"	1'-1 3/4"									
*5SE10	5	52	0'-3 3/4"	Trans. bot.	80	10'-3"	855	9'-4 3/4"	0'-10"	0'-2 1/2"	0'-10"									
*6SE11	6	65	0'-4 1/2"	Rail	15	6'-1 1/2"	138	1'-0"	1'-4"	1'-4 1/4"	1'-5 1/4"	1'-0"	1'-5"							77°
*6SE12	6	65	0'-4 1/2"	Rail	15	6'-10"	154	1'-0"	1'-8 1/2"	1'-6"	1'-7 1/4"	1'-0"	1'-7 1/4"							84°
*5SE13	5	17	0'-3 3/4"	Rail	8	1'-8"	14		1'-3"	0'-5"										
*5SE14	5	17	0'-3 3/4"	Rail	10	5'-1 1/2"	53		1'-10 1/2"	1'-4 1/4"	1'-10 1/2"									
*5SE15	5	17	0'-3 3/4"	Rail	10	6'-2"	64		1'-10 1/4"	2'-5 1/2"	1'-10 1/4"									
*4SE16	4	17	0'-3 1/8"	Trans. top	64	7'-5"	317		4'-0"	0'-5"	3'-0"									
*4SE17	4	S4	0'-3 1/8"	Trans. bot.	52	3'-2 1/2"	111	0'-8"	0'-7"	0'-8 1/2"	0'-7"	0'-8"								
*7SE18	7	55	0'-5 5/16"	Vert. o.f.	2	7'-9"	32		1'-2"	2'-0"	4'-5 3/4"	1'-2 1/4"								
SUBTOTAL							6472	LBS												
ERECTION ANCHOR BLOCK BAR LIST																				
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N
*6DE1	6	S4	0'-4 1/2"	Trans. bot.	6	8'-2 1/2"	74	1'-0"	1'-6 3/4"	3'-1"	1'-6 3/4"	1'-0"								
*6DE2	6	S4	0'-4 1/2"	Long. bot.	6	6'-11"	62	1'-0"	1'-7"	1'-9"	1'-7"	1'-0"								
*6DE3	6	239	0'-4 1/2"	Trans. top	12	7'-3"	131	1'-0"	2'-5 1/4"	1'-6 3/4"	1'-2 3/4"	1'-0"	76°	90°	14°					
*6DE4	6	S4	0'-4 1/2"	Stirrups	2	8'-3 1/2"	25	1'-0"	2'-4"	1'-7 1/2"	2'-4"	1'-0"								
*6DE5	6	S4	0'-4 1/2"	Stirrups	2	8'-6 1/2"	26	1'-0"	2'-5 1/2"	1'-7 1/2"	2'-5 1/2"	1'-0"								
*6DE6	6	S4	0'-4 1/2"	Stirrups	2	8'-10"	27	1'-0"	2'-7 1/4"	1'-7 1/2"	2'-7 1/4"	1'-0"								
*6DE7	6	S4	0'-4 1/2"	Long. top	4	8'-11"	54	1'-0"	2'-7 3/4"	1'-7 1/2"	2'-7 3/4"	1'-0"								
SUBTOTAL							398	LBS												
BOTTOM SLAB BLISTER BAR LIST																				
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N
*6LE1	6	17	0'-4 1/2"	Long. bot.	6	10'-2 1/2"	92		9'-8"	0'-6 1/2"										
*5LE2	5	249	0'-3 3/4"	Long. bot.	8	10'-11"	91	0'-10"	2'-0"	7'-3 1/4"	0'-10"	77°	90°	13°						
*5LE3	5	STR		Long. bot.	8	6'-5 1/2"	54		6'-5 1/2"											
*5LE4	5	STR		Long. bot.	8	4'-3 1/2"	36		4'-3 1/2"											
*6LE5	6	755	0'-4 1/2"		2 sets of 15	6'-7"	254	1'-0"	2'-6 1/4"	2'-0 3/4"	1'-0"	0'-11 3/4"								76°
						sets to 5'-6 1/2" at 0'-1" incr.			to 2'-10 1/4" at 0'-0" incr.	to 0'-8 1/4" at 0'-1" incr.										
*6LE6	6	1031	0'-4 1/2"	Trans. bot.	6	8'-11 1/2"	81	0'-3"	2'-11"	1'-4 3/4"	2'-7"	0'-3"	1'-0"	1'-0"	1'-0"	1'-0"				
*6LE7	6	101	0'-4 1/2"	Trans. bot.	2 sets of 12	6'-4"	176	1'-0"	1'-6 1/4"	1'-3 3/4"	1'-6 1/4"	1'-0"								
						sets to 4'-8 1/2" at 0'-2" incr.			to 0'-8 1/4" at 0'-1" incr.	to 0'-8 1/4" at 0'-1" incr.										
SUBTOTAL							827	LBS												



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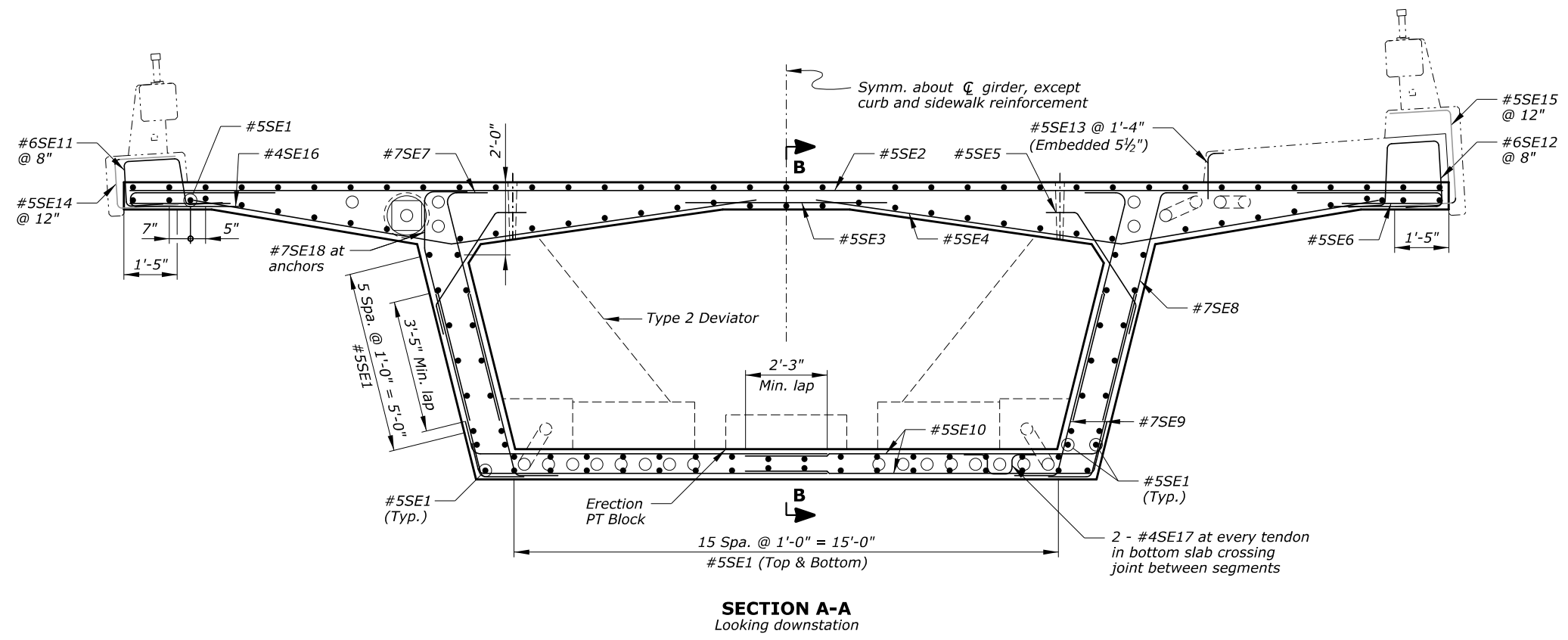
BLUE RIDGE PARKWAY

BRIDGE OVER I-26

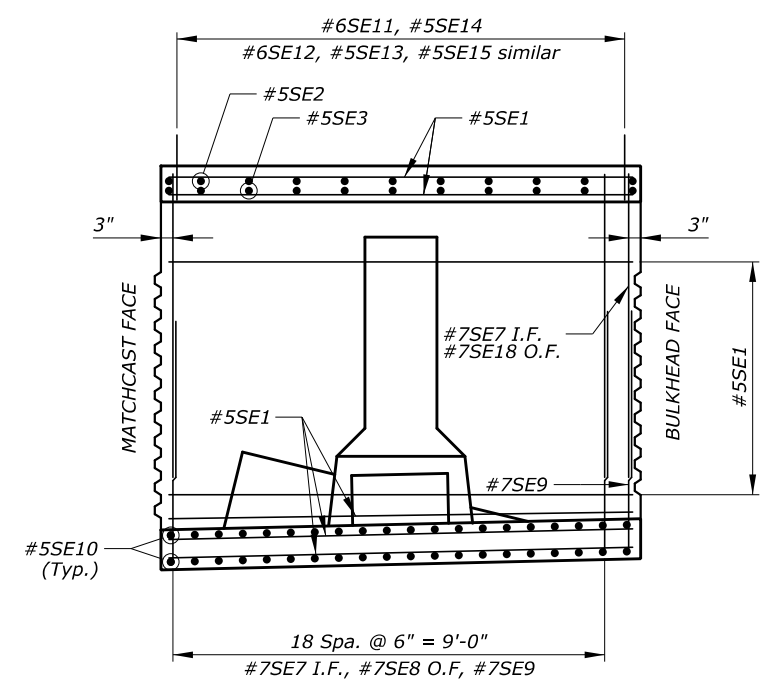
SEGMENT 1-10U
 BAR LIST

NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC	CC	LE	No Scale	George Choubah	117 of 228	December 2018	BRP-1265

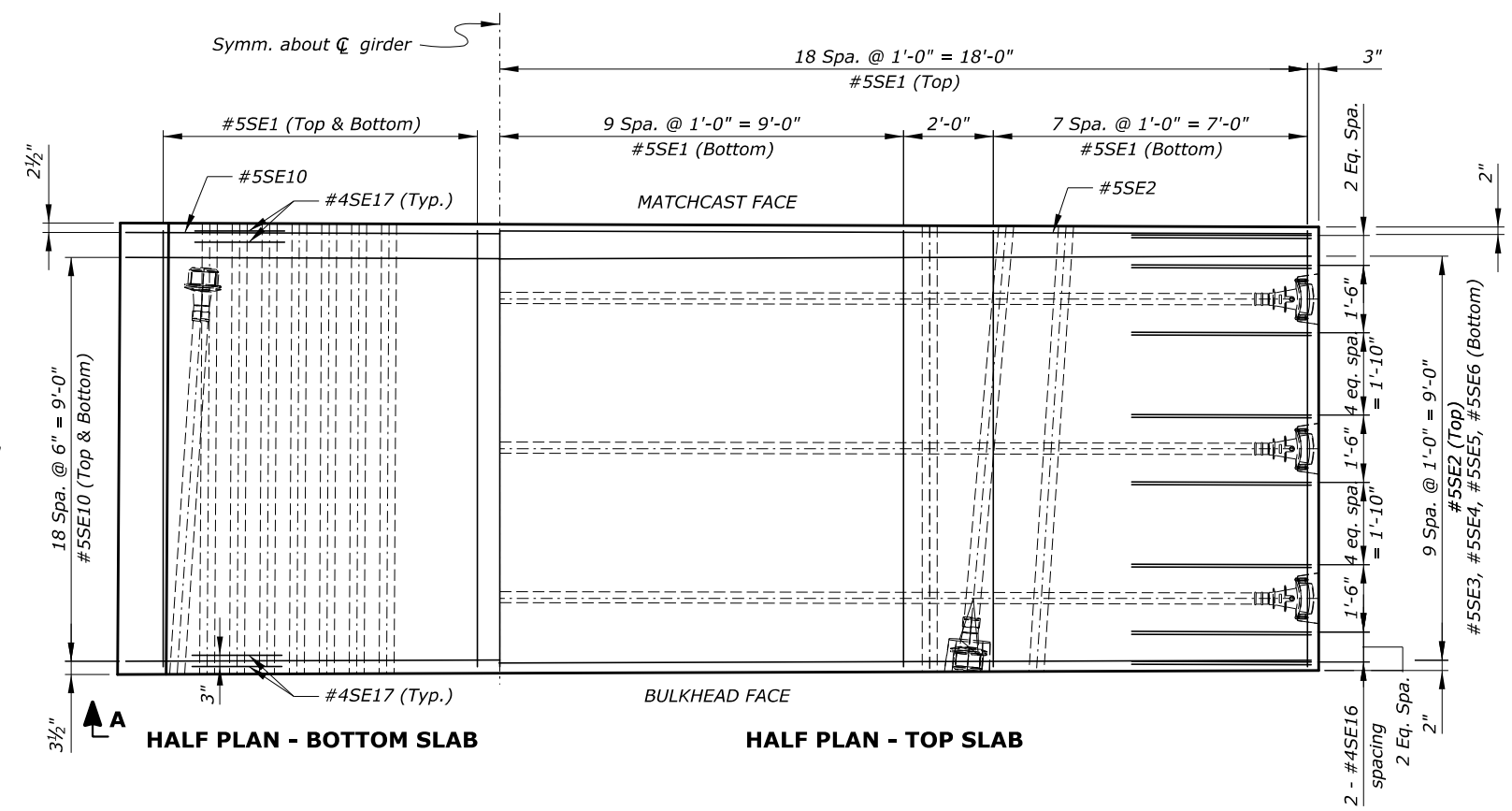
STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R118



SECTION A-A
Looking downstation



SECTION B-B



HALF PLAN - BOTTOM SLAB **HALF PLAN - TOP SLAB**

Notes:

1. Minimum concrete cover is 2½" at top face of deck, and 1½" at all other faces, unless otherwise noted.
2. Adjust slightly the location of reinforcement to avoid conflict with post-tensioning ducts.
3. For information on reinforcement in erection post-tensioning anchor blocks, see "ERECTION ANCHOR BLOCK" sheet.
4. For information on reinforcement in the bottom slab blister, see "BOTTOM SLAB BLISTER" sheet. For information on reinforcement in the type 2 deviator, see "TYPE 2 DEVIATOR" sheet.

Key:

- e.f. = each face
- I.F. = inside face
- O.F. = outside face

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BLUE RIDGE PARKWAY

BRIDGE OVER I-26

SEGMENT 1-11U REINFORCEMENT

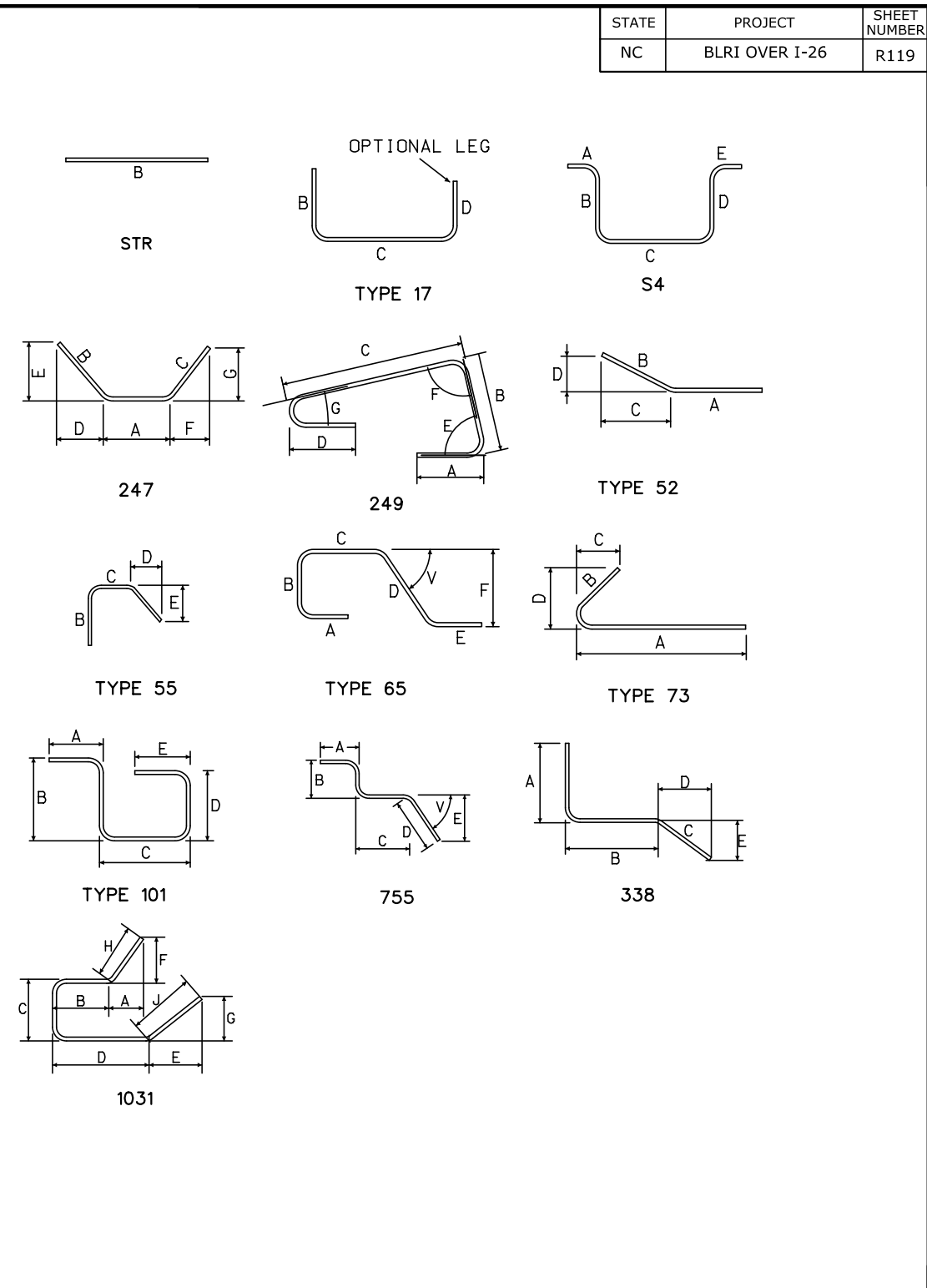
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								CC/CWN	BK/CC	HC	½" = 1'-0"	George Choubah	118 of 228	December 2018	BRP-1265

ACTUAL FILE: R119_BLR1_I26_SEGMENT 1-11U BAR LIST.DGN

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REINFORCING STEEL SCHEDULE				DIMENSION TABLE																	
SEGMENT 1-11U BAR LIST																					
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N	
*5SE1	5	STR		Longitudinal	136	9'-8"	1371		9'-8"												
*5SE2	5	STR		Trans. top	11	36'-2"	415		36'-2"												
*5SE3	5	STR		Trans. top	11	6'-0"	69		6'-0"												
*5SE4	5	52	0'-3 3/4"	Trans. top	22	16'-10"	386	9'-1"	7'-9"	7'-4 1/2"	2'-5"										
*5SE5	5	247	0'-3 3/4"	Trans. top	22	4'-7"	105	2'-10 1/4"	0'-10"	0'-10"	0'-6 3/4"	0'-7 3/4"	0'-5 1/2"	0'-8 3/4"							
*5SE6	5	STR		Trans. top	22	3'-3"	75		3'-3"												
*7SE7	7	73	0'-5 5/16"	Vert. i.f.	40	7'-7 1/2"	623	6'-5 1/2"	1'-2"	0'-3"	1'-2 1/2"										
*7SE8	7	52	0'-5 5/16"	Vert. o.f.	50	7'-8 1/2"	788	6'-6 1/4"	1'-2"	0'-3 1/2"	1'-1 3/4"										
*7SE9	7	52	0'-5 5/16"	Vert. e.f.	92	6'-4 1/2"	1199	5'-2 1/4"	1'-2"	0'-3 1/2"	1'-1 3/4"										
*5SE10	5	52	0'-3 3/4"	Trans. bot.	80	10'-3 1/2"	859	9'-5 1/2"	0'-10"	0'-2 1/2"	0'-10"										
*6SE11	6	65	0'-4 1/2"	Rail	15	6'-1 1/2"	138	1'-0"	1'-4"	1'-4 1/4"	1'-5 1/4"	1'-0"	1'-5"							77°	
*6SE12	6	65	0'-4 1/2"	Rail	15	6'-10"	154	1'-0"	1'-8 1/2"	1'-6"	1'-7 1/4"	1'-0"	1'-7 1/4"								84°
*5SE13	5	17	0'-3 3/4"	Rail	8	1'-8"	14		1'-3"	0'-5"											
*5SE14	5	17	0'-3 3/4"	Rail	10	5'-1 1/2"	53		1'-10 1/2"	1'-4 1/4"	1'-10 1/2"										
*5SE15	5	17	0'-3 3/4"	Rail	10	6'-2"	64		1'-10 1/4"	2'-5 1/2"	1'-10 1/4"										
*4SE16	4	17	0'-3 1/8"	Trans. top	64	7'-5"	317		4'-0"	0'-5"	3'-0"										
*4SE17	4	S4	0'-3 1/8"	Trans. bot.	60	3'-2 1/2"	129	0'-8"	0'-7"	0'-8 1/2"	0'-7"	0'-8"									
*7SE18	7	55	0'-5 5/16"	Vert. o.f.	2	7'-7 1/2"	31		1'-2"	2'-0"	4'-4 1/2"	1'-1 3/4"									
SUBTOTAL							6790	LBS													
ERECTION ANCHOR BLOCK BAR LIST																					
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N	
*6DE1	6	S4	0'-4 1/2"	Trans. bot.	6	8'-2 1/2"	74	1'-0"	1'-6 3/4"	3'-1"	1'-6 3/4"	1'-0"									
*6DE2	6	S4	0'-4 1/2"	Long. bot.	6	6'-11"	62	1'-0"	1'-7"	1'-9"	1'-7"	1'-0"									
SUBTOTAL							398	LBS													
BOTTOM SLAB BLISTER BAR LIST																					
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N	
*6LE1	6	17	0'-4 1/2"	Long. bot.	6	10'-2 1/2"	92		9'-8"	0'-6 1/2"											
*5LE2	5	249	0'-3 3/4"	Long. bot.	8	10'-11"	91	0'-10"	2'-0"	7'-3 1/4"	0'-10"	77°	90°	13°							
*5LE3	5	STR		Long. bot.	8	6'-5 1/2"	54		6'-5 1/2"												
*5LE4	5	STR		Long. bot.	8	4'-3 1/2"	36		4'-3 1/2"												
*6LE5	6	755	0'-4 1/2"		2 sets to 15 at 0'-1" incr.	6'-7"	254	1'-0"	2'-6 1/4"	2'-0 3/4"	1'-0"	0'-11 3/4"								76°	
*6LE6	6	1031	0'-4 1/2"	Trans. bot.	6	8'-11 1/2"	81	0'-3"	2'-11"	1'-4 3/4"	2'-7"	0'-3"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"				
*6LE7	6	101	0'-4 1/2"	Trans. bot.	2 sets to 12 at 0'-2" incr.	6'-4"	176	1'-0"	1'-6 1/4"	1'-3 3/4"	1'-6 1/4"	1'-0"									
SUBTOTAL							827	LBS													
TYPE 2 DEVIATOR BAR LIST																					
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N	
*6VE1	6	52	0'-4 1/2"	Vert.	20	8'-8"	260	6'-4"	2'-4"	1'-9 3/4"	1'-6"										
*6VE2	6	S4	0'-4 1/2"	Horiz.	2 sets to 5 at 0'-9" incr.	13'-9 1/2"	176	1'-0"	5'-3 1/4"	1'-3"	5'-3 1/4"	1'-0"									
*5VE3	5	STR		Vert.	18	1'-11"	36		1'-11"												
*4VE4	4	52	0'-3 1/8"	Vert.	24	2'-3"	36	1'-3"	1'-0"	0'-8 1/2"	0'-8 3/4"										
*5VE5	5	S4	0'-3 3/4"	Stirrups	30	6'-5 1/2"	202	0'-10"	2'-0"	0'-9 1/4"	2'-0"	0'-10"									
*5VE6	5	338	0'-3 3/4"	Trans.	10	8'-11"	93	6'-1 3/4"	1'-11 1/2"	0'-10"	0'-2 1/2"	0'-10"									
*5VE7	5	17	0'-3 3/4"	Trans.	10	8'-3"	86		3'-8 1/2"	0'-10"	3'-8 1/2"										
SUBTOTAL							899	LBS													



U.S. DEPARTMENT OF TRANSPORTATION
 FEDERAL HIGHWAY ADMINISTRATION
 EASTERN FEDERAL LANDS HIGHWAY DIVISION

BLUE RIDGE PARKWAY

BRIDGE OVER I-26

SEGMENT 1-11U
 BAR LIST

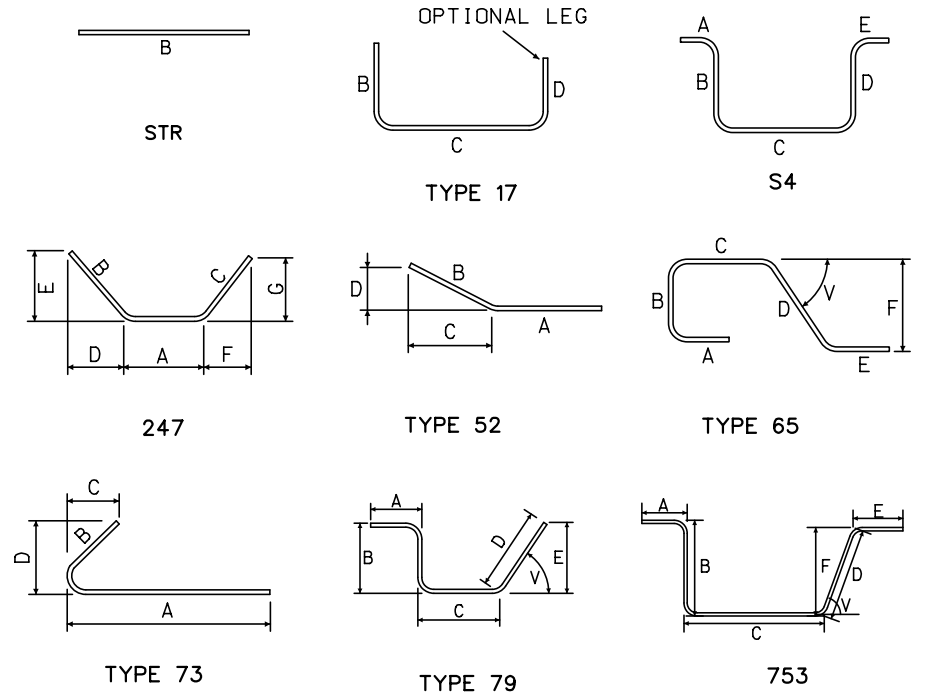
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								CC	CC	LE	No Scale	George Choubah	119 of 228	December 2018	BRP-1265

ACTUAL FILE: R121_BLR1_I26_SEGMENT 1-12U BAR LIST.DGN

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REINFORCING STEEL SCHEDULE				DIMENSION TABLE																	
SEGMENT 1-12U BAR LIST																					
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N	
*5SE1	5	STR		Longitudinal	138	9'-8"	1391		9'-8"												
*5SE2	5	STR		Trans. top	11	36'-2"	415		36'-2"												
*5SE3	5	STR		Trans. top	11	6'-0"	69		6'-0"												
*5SE4	5	52	0'-3 3/4"	Trans. top	22	16'-10"	386	9'-1"	7'-9"	7'-4 1/2"	2'-5"										
*5SE5	5	247	0'-3 3/4"	Trans. top	22	4'-7"	105	2'-10 1/4"	0'-10"	0'-10"	0'-6 3/4"	0'-7 3/4"	0'-5 1/2"	0'-8 3/4"							
*5SE6	5	STR		Trans. top	22	3'-3"	75		3'-3"												
*7SE7	7	73	0'-5 5/16"	Vert. i.f.	40	7'-6 1/2"	617	6'-4 1/4"	1'-2"	0'-3"	1'-2 1/2"										
*7SE8	7	52	0'-5 5/16"	Vert. o.f.	40	7'-7"	620	6'-5"	1'-2"	0'-3 1/2"	1'-1 3/4"										
*7SE9	7	52	0'-5 5/16"	Vert. e.f.	80	6'-2 1/2"	1015	5'-0 1/2"	1'-2"	0'-3 1/2"	1'-1 3/4"										
*5SE10	5	52	0'-3 3/4"	Trans. bot.	80	10'-4"	862	9'-6"	0'-10"	0'-2 1/2"	0'-10"										
*6SE11	6	65	0'-4 1/2"	Rail	15	6'-1 1/2"	138	1'-0"	1'-4"	1'-4 1/4"	1'-5 1/4"	1'-0"	1'-5"							77°	
*6SE12	6	65	0'-4 1/2"	Rail	15	6'-10"	154	1'-0"	1'-8 1/2"	1'-6"	1'-7 1/4"	1'-0"	1'-7 1/4"								84°
*5SE13	5	17	0'-3 3/4"	Rail	8	1'-8"	14		1'-3"	0'-5"											
*5SE14	5	17	0'-3 3/4"	Rail	10	5'-1 1/2"	53		1'-10 1/2"	1'-4 1/4"	1'-10 1/2"										
*5SE15	5	17	0'-3 3/4"	Rail	10	6'-2"	64		1'-10 1/4"	2'-5 1/2"	1'-10 1/4"										
*4SE16	4	17	0'-3 1/8"	Trans. top	64	7'-5"	317		4'-0"	0'-5"	3'-0"										
*4SE17	4	S4	0'-3 1/8"	Trans. bot.	64	3'-2 1/2"	137	0'-8"	0'-7"	0'-8 1/2"	0'-7"	0'-8"									
SUBTOTAL							6433	LBS													
ERECTION ANCHOR BLOCK BAR LIST																					
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N	
*6DE1	6	S4	0'-4 1/2"	Trans. bot.	6	8'-2 1/2"	74	1'-0"	1'-6 3/4"	3'-1"	1'-6 3/4"	1'-0"									
*6DE2	6	S4	0'-4 1/2"	Long. bot.	6	6'-11"	62	1'-0"	1'-7"	1'-9"	1'-7"	1'-0"									
SUBTOTAL							136	LBS													
TOP SLAB BLISTER BAR LIST																					
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N	
*6TE1	6	17	0'-4 1/2"	Longitudinal	10	10'-8"	160		9'-8"	1'-0"											
*5TE2	5	753	0'-3 3/4"	Longitudinal	6	12'-11"	81	0'-10"	2'-8 3/4"	5'-7"	2'-10"	0'-11"	2'-8 3/4"							72°	
*5TE3	5	17	0'-3 3/4"	Horiz.	2	9'-3 1/2"	19		5'-7 1/4"	3'-8 1/4"											
*5TE4	5	17	0'-3 3/4"	Horiz.	2	9'-6"	20		5'-9 1/2"	3'-8 3/4"											
*5TE5	5	S4	0'-3 3/4"	Stirrups	12	8'-7 1/2"	108	0'-10"	2'-9 1/4"	1'-4 3/4"	2'-9 1/4"	0'-10"									
*5TE6	5	79	0'-3 3/4"	Stirrups	26	8'-3 1/2"	225	0'-10"	2'-9 1/4"	3'-9 3/4"	0'-10 1/2"	0'-10 1/4"								76°	
*5TE7	5	S4	0'-3 3/4"	Stirrups	2	4'-10"	10	0'-10"	1'-0 3/4"	1'-0 1/2"	1'-0 3/4"	0'-10"									
*5TE8	5	S4	0'-3 3/4"	Stirrups	2	4'-11"	10	0'-10"	1'-1 1/4"	1'-0 1/2"	1'-1 1/4"	0'-10"									
*5TE9	5	S4	0'-3 3/4"	Stirrups	2	5'-0 1/2"	11	0'-10"	1'-2"	1'-0 1/2"	1'-2"	0'-10"									
*5TE10	5	S4	0'-3 3/4"	Stirrups	2	5'-3"	11	0'-10"	1'-3 1/4"	1'-0 1/2"	1'-3 1/4"	0'-10"									
*5TE11	5	S4	0'-3 3/4"	Stirrups	2	5'-6"	11	0'-10"	1'-4 3/4"	1'-0 1/2"	1'-4 3/4"	0'-10"									
*5TE12	5	S4	0'-3 3/4"	Stirrups	2	5'-9"	12	0'-10"	1'-6 1/4"	1'-0 1/2"	1'-6 1/4"	0'-10"									
*5TE13	5	S4	0'-3 3/4"	Stirrups	2	6'-1"	13	0'-10"	1'-8 1/4"	1'-0 1/2"	1'-8 1/4"	0'-10"									
*5TE14	5	S4	0'-3 3/4"	Stirrups	2	6'-3 1/2"	13	0'-10"	1'-9 1/2"	1'-0 1/2"	1'-9 1/2"	0'-10"									
*5TE15	5	S4	0'-3 3/4"	Stirrups	2	6'-6 1/2"	14	0'-10"	1'-11"	1'-0 1/2"	1'-11"	0'-10"									
*5TE16	5	S4	0'-3 3/4"	Stirrups	2	6'-9"	14	0'-10"	2'-0 1/4"	1'-0 1/2"	2'-0 1/4"	0'-10"									
*5TE17	5	S4	0'-3 3/4"	Stirrups	2	6'-11 1/2"	15	0'-10"	2'-1 1/2"	1'-0 1/2"	2'-1 1/2"	0'-10"									
*5TE18	5	S4	0'-3 3/4"	Stirrups	2	7'-2"	15	0'-10"	2'-2 3/4"	1'-0 1/2"	2'-2 3/4"	0'-10"									
*5TE19	5	S4	0'-3 3/4"	Stirrups	2	7'-4 1/2"	15	0'-10"	2'-4"	1'-0 1/2"	2'-4"	0'-10"									
*5TE20	5	S4	0'-3 3/4"	Stirrups	2	7'-7 1/2"	16	0'-10"	2'-5 1/2"	1'-0 1/2"	2'-5 1/2"	0'-10"									
SUBTOTAL							793	LBS													



STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R121

U.S. DEPARTMENT OF TRANSPORTATION
 FEDERAL HIGHWAY ADMINISTRATION
 EASTERN FEDERAL LANDS HIGHWAY DIVISION

BLUE RIDGE PARKWAY

BRIDGE OVER I-26

SEGMENT 1-12U
 BAR LIST

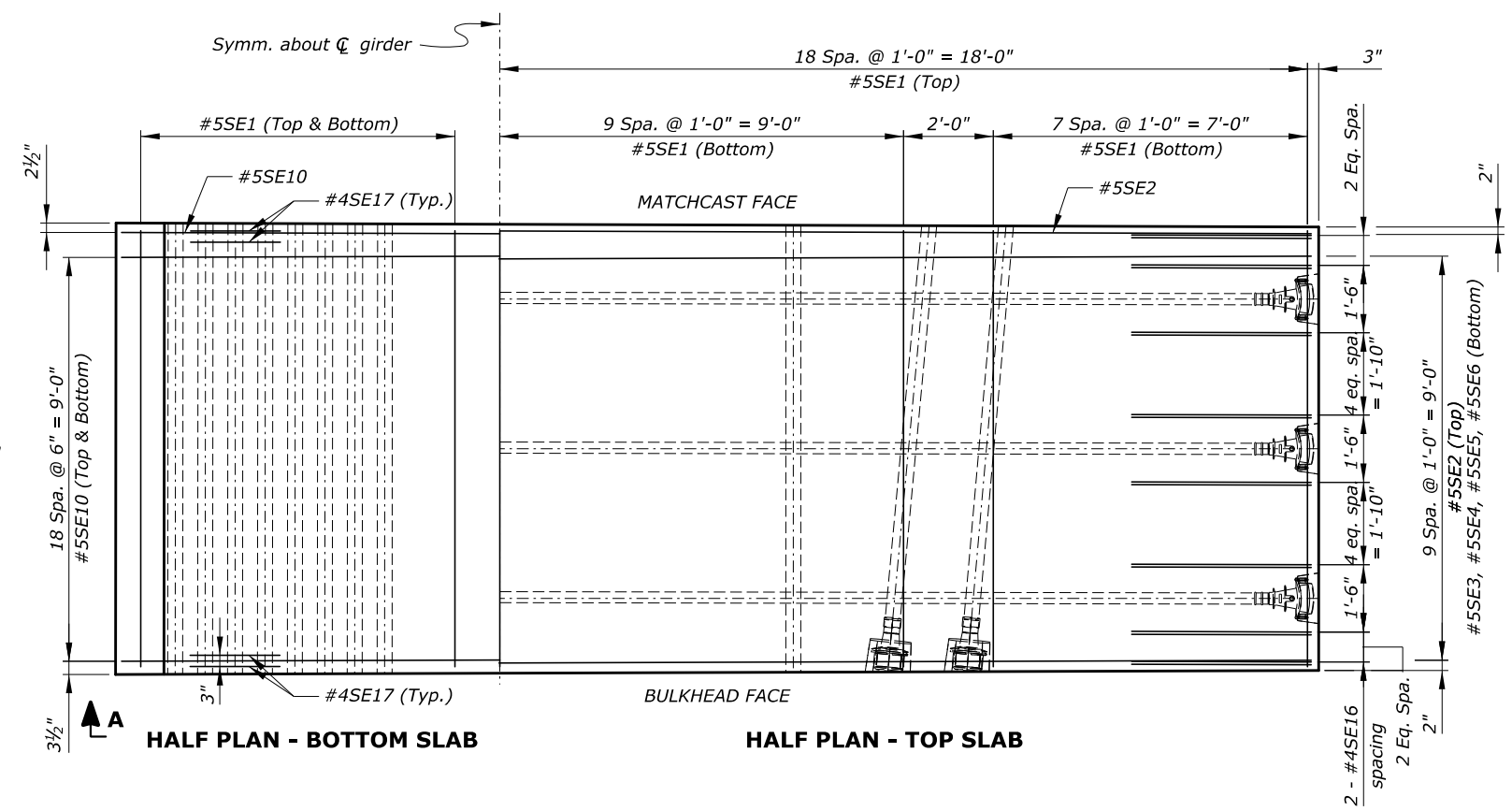
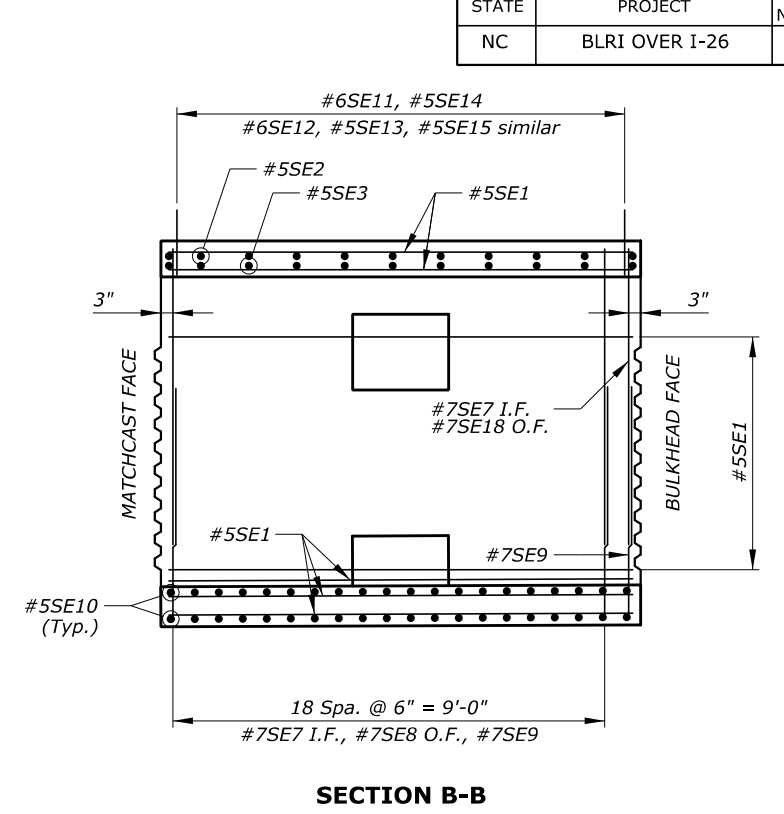
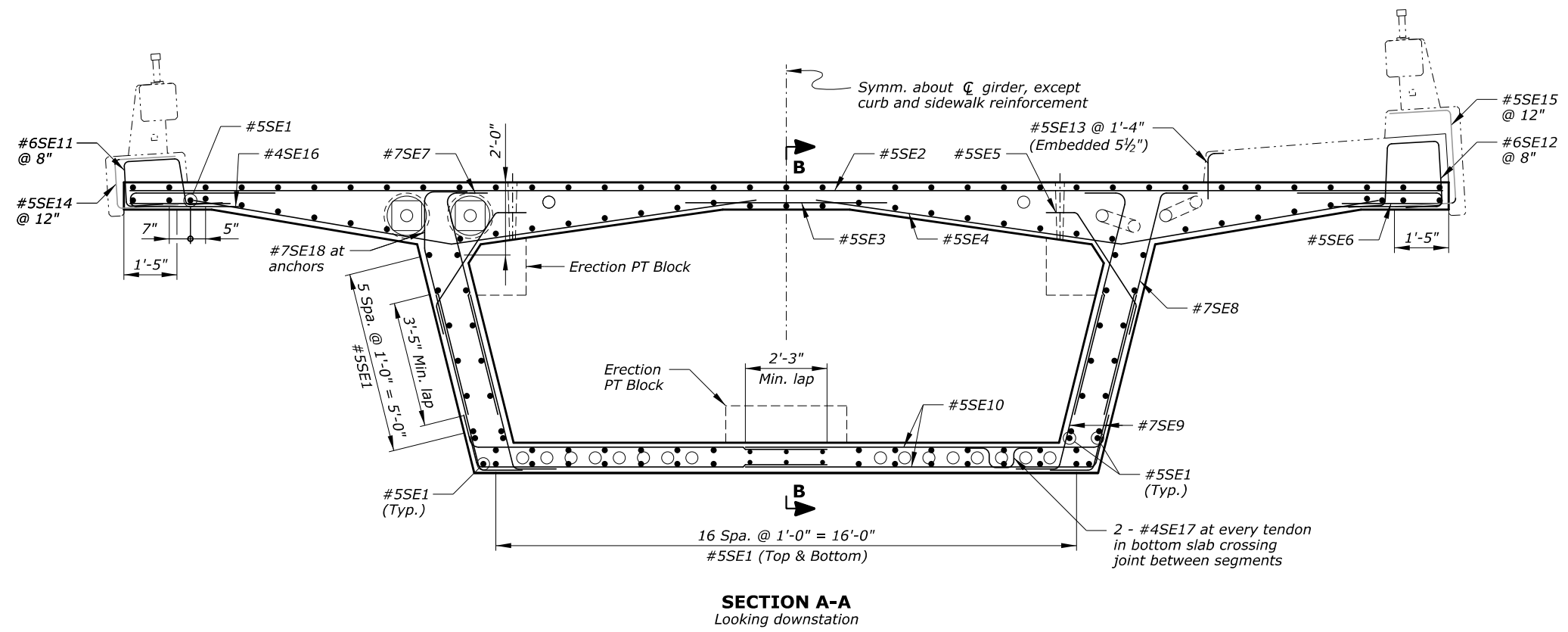
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC	CC	LE	No Scale	George Choubah	121 of 228	December 2018	BRP-1265

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R122

ACTUAL FILE: R122_BLR1_I26_SEGMENT 1-13U REINF. DGN

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Notes:

1. Minimum concrete cover is 2½" at top face of deck, and 1½" at all other faces, unless otherwise noted.
2. Adjust slightly the location of reinforcement to avoid conflict with post-tensioning ducts.
3. For information on reinforcement in erection post-tensioning anchor blocks, see "ERECTION ANCHOR BLOCK" sheet.

Key:

e.f. = each face
I.F. = inside face
O.F. = outside face

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BLUE RIDGE PARKWAY

BRIDGE OVER I-26

SEGMENT 1-13U REINFORCEMENT

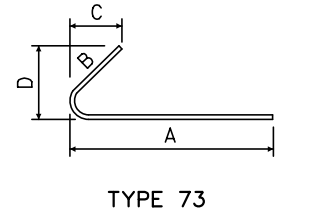
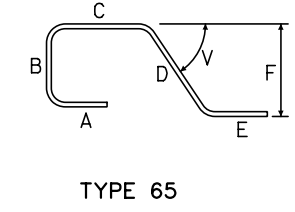
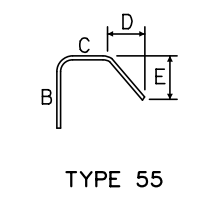
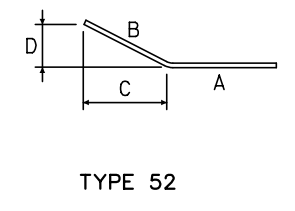
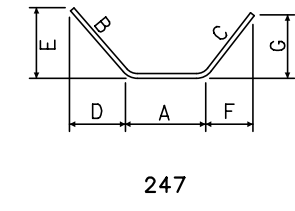
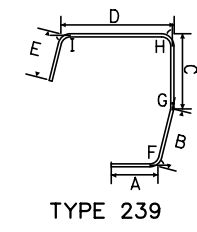
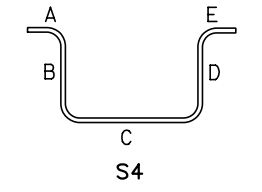
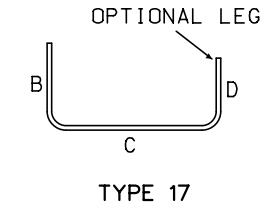
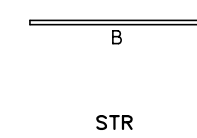
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								CC/CWN	BK/CC	HC	½" = 1'-0"	George Choubah	122 of 228	December 2018	BRP-1265

ACTUAL FILE: R123_BLR1_126_SEGMENT 1-13U BAR LIST.DGN

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REINFORCING STEEL SCHEDULE				DIMENSION TABLE																	
SEGMENT 1-13U BAR LIST																					
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N	
*5SE1	5	STR		Longitudinal	138	9'-8"	1391		9'-8"												
*5SE2	5	STR		Trans. top	11	36'-2"	415		36'-2"												
*5SE3	5	STR		Trans. top	11	6'-0"	69		6'-0"												
*5SE4	5	52	0'-3 3/4"	Trans. top	22	16'-10"	386	9'-1"	7'-9"	7'-4 1/2"	2'-5"										
*5SE5	5	247	0'-3 3/4"	Trans. top	22	4'-7"	105	2'-10 1/4"	0'-10"	0'-10"	0'-6 3/4"	0'-7 3/4"	0'-5 1/2"	0'-8 3/4"							
*5SE6	5	STR		Trans. top	22	3'-3"	75		3'-3"												
*7SE7	7	73	0'-5 5/16"	Vert. i.f.	40	7'-5 1/2"	610	6'-3 1/4"	1'-2"	0'-3"	1'-2 1/2"										
*7SE8	7	52	0'-5 5/16"	Vert. o.f.	38	7'-6"	583	6'-4"	1'-2"	0'-3 1/2"	1'-1 3/4"										
*7SE9	7	52	0'-5 5/16"	Vert. e.f.	80	6'-2 1/2"	1015	5'-0 1/2"	1'-2"	0'-3 1/2"	1'-1 3/4"										
*5SE10	5	52	0'-3 3/4"	Trans. bot.	80	10'-4"	862	9'-6"	0'-10"	0'-2 1/2"	0'-10"										
*6SE11	6	65	0'-4 1/2"	Rail	15	6'-1 1/2"	138	1'-0"	1'-4"	1'-4 1/4"	1'-5 1/4"	1'-0"	1'-5"							77°	
*6SE12	6	65	0'-4 1/2"	Rail	15	6'-10"	154	1'-0"	1'-8 1/2"	1'-6"	1'-7 1/4"	1'-0"	1'-7 1/4"								84°
*5SE13	5	17	0'-3 3/4"	Rail	8	1'-8"	14		1'-3"	0'-5"											
*5SE14	5	17	0'-3 3/4"	Rail	10	5'-1 1/2"	53		1'-10 1/2"	1'-4 1/4"	1'-10 1/2"										
*5SE15	5	17	0'-3 3/4"	Rail	10	6'-2"	64		1'-10 1/4"	2'-5 1/2"	1'-10 1/4"										
*4SE16	4	17	0'-3 1/8"	Trans. top	64	7'-5"	317		4'-0"	0'-5"	3'-0"										
*4SE17	4	S4	0'-3 1/8"	Trans. bot.	64	3'-2 1/2"	137	0'-8"	0'-7"	0'-8 1/2"	0'-7"	0'-8"									
*7SE18	7	55	0'-5 5/16"	Vert. o.f.	2	7'-5 1/2"	30		1'-2"	2'-0"	4'-2 1/4"	1'-1 1/4"									
SUBTOTAL							6419	LBS													
ERECTION ANCHOR BLOCK BAR LIST																					
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N	
*6DE1	6	S4	0'-4 1/2"	Trans. bot.	6	8'-2 1/2"	74	1'-0"	1'-6 3/4"	3'-1"	1'-6 3/4"	1'-0"									
*6DE2	6	S4	0'-4 1/2"	Long. bot.	6	6'-11"	62	1'-0"	1'-7"	1'-9"	1'-7"	1'-0"									
*6DE3	6	239	0'-4 1/2"	Trans. top	12	7'-3"	131	1'-0"	2'-5 1/4"	1'-6 3/4"	1'-2 3/4"	1'-0"	76°	90°	14°						
*6DE4	6	S4	0'-4 1/2"	Stirrups	2	8'-3 1/2"	25	1'-0"	2'-4"	1'-7 1/2"	2'-4"	1'-0"									
*6DE5	6	S4	0'-4 1/2"	Stirrups	2	8'-6 1/2"	26	1'-0"	2'-5 1/2"	1'-7 1/2"	2'-5 1/2"	1'-0"									
*6DE6	6	S4	0'-4 1/2"	Stirrups	2	8'-10"	27	1'-0"	2'-7 1/4"	1'-7 1/2"	2'-7 1/4"	1'-0"									
*6DE7	6	S4	0'-4 1/2"	Long. top	4	8'-11"	54	1'-0"	2'-7 3/4"	1'-7 1/2"	2'-7 3/4"	1'-0"									
SUBTOTAL							398	LBS													



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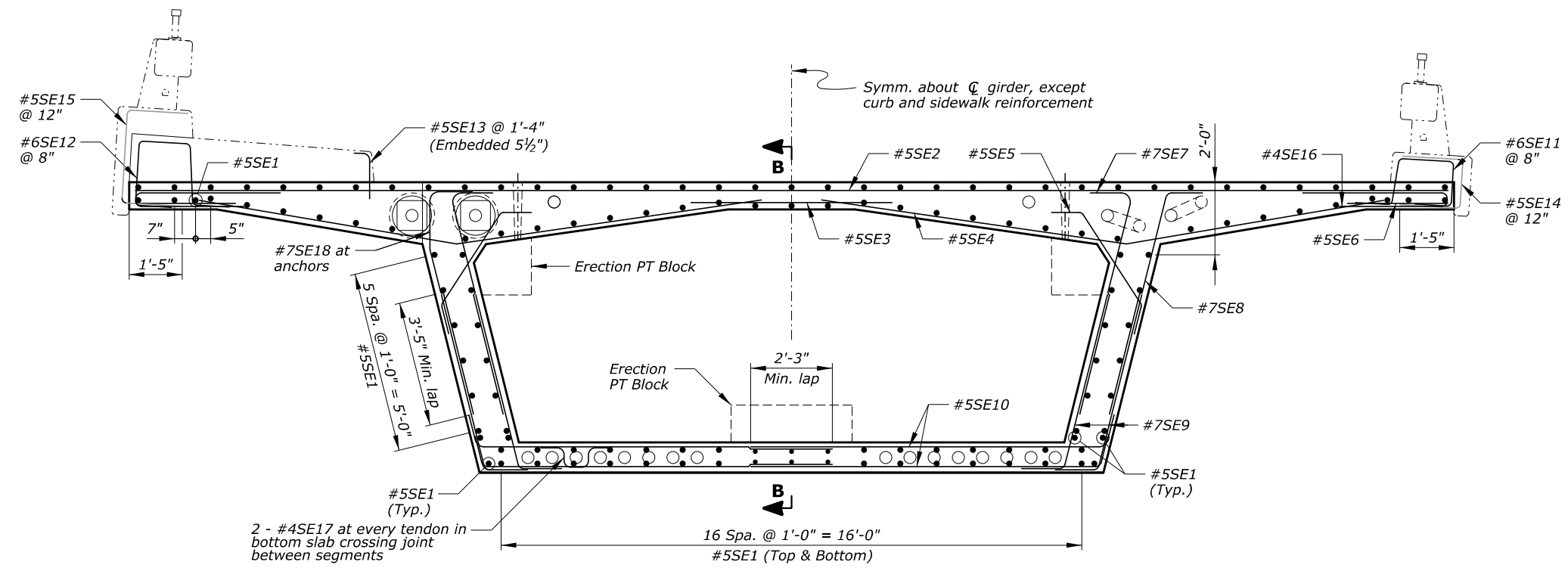
BLUE RIDGE PARKWAY

BRIDGE OVER I-26

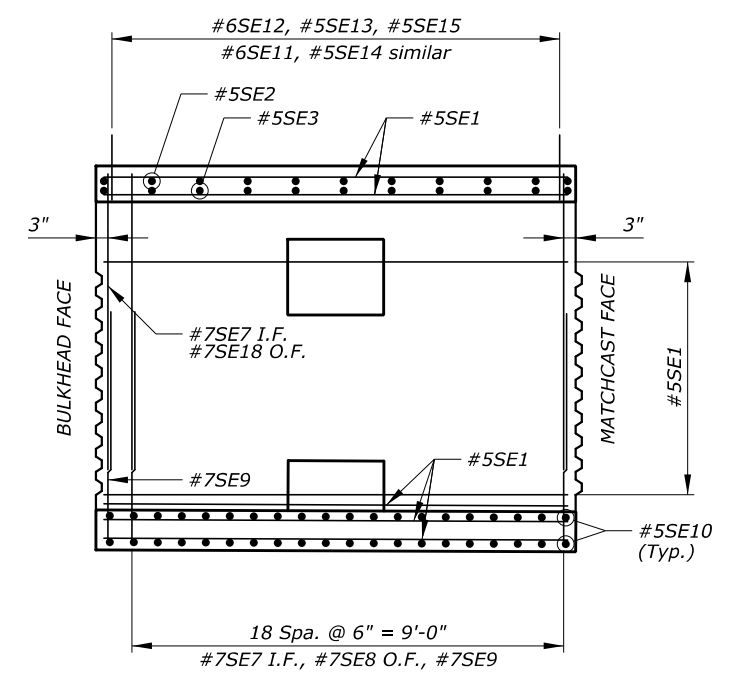
SEGMENT 1-13U
 BAR LIST

NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC	CC	LE	No Scale	George Choubah	123 of 228	December 2018	BRP-1265

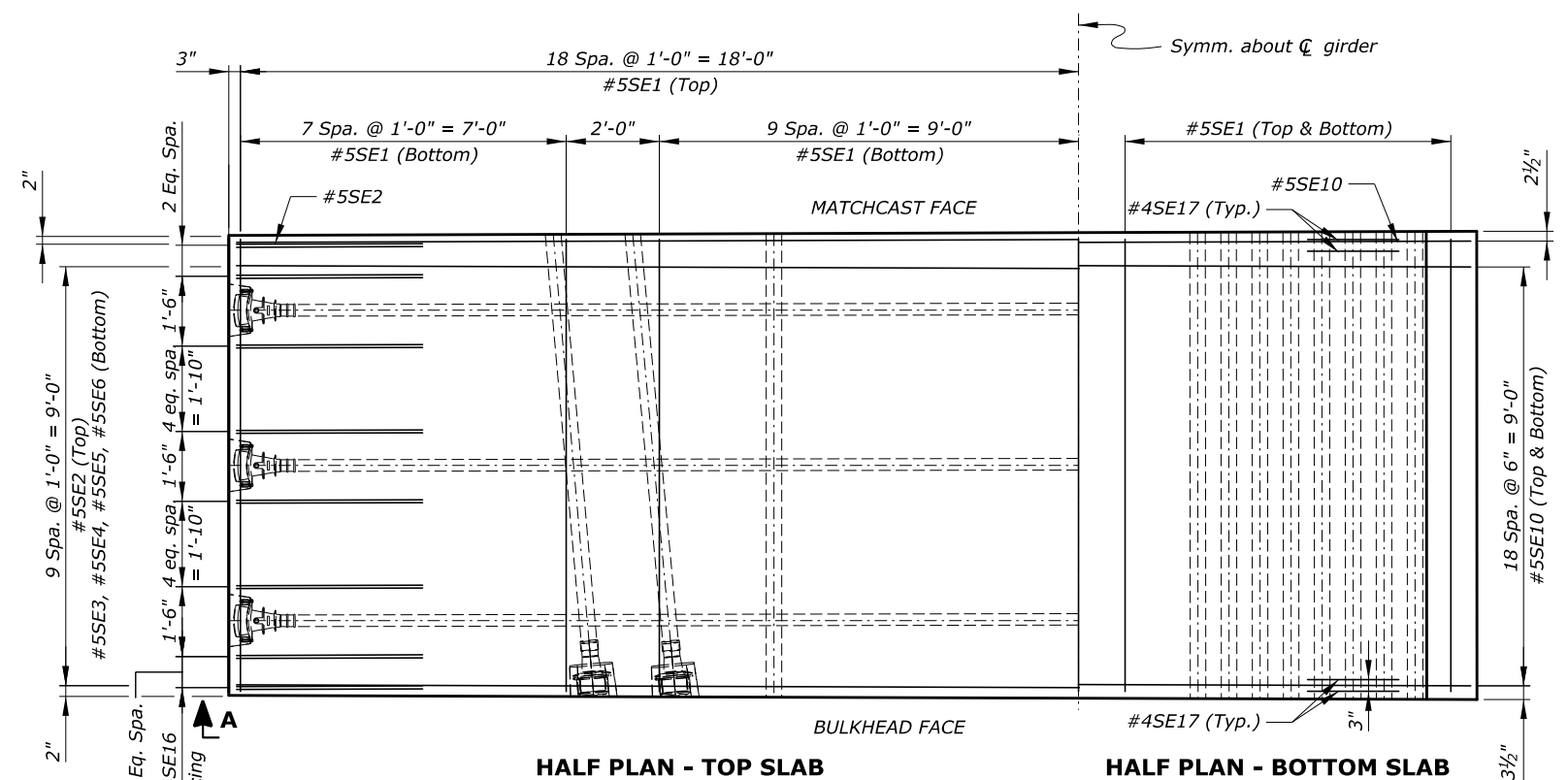
STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R124



SECTION A-A
Looking upstation



SECTION B-B



HALF PLAN - TOP SLAB

HALF PLAN - BOTTOM SLAB

Notes:

1. Minimum concrete cover is 2½" at top face of deck, and 1½" at all other faces, unless otherwise noted.
2. Adjust slightly the location of reinforcement to avoid conflict with post-tensioning ducts.
3. For information on reinforcement in erection post-tensioning anchor blocks, see "ERECTION ANCHOR BLOCK" sheet.

Key:

- e.f. = each face
- I.F. = inside face
- O.F. = outside face

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
EASTERN FEDERAL LANDS HIGHWAY DIVISION

BLUE RIDGE PARKWAY

BRIDGE OVER I-26

SEGMENT 2-13D REINFORCEMENT

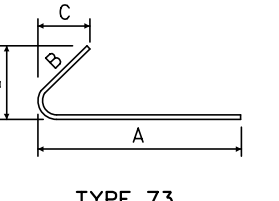
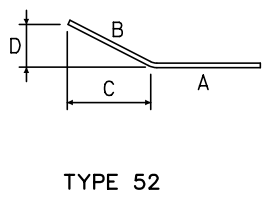
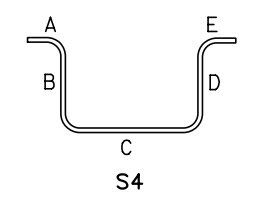
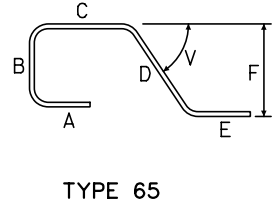
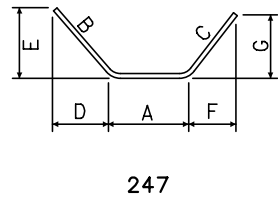
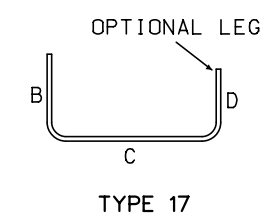
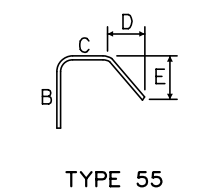
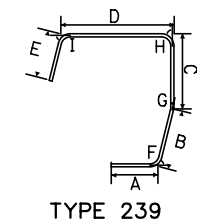
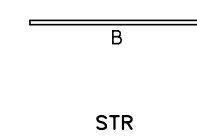
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC/CWN	BK/CC	HC	½" = 1'-0"	George Choubah	124 of 228	December 2018	BRP-1265

ACTUAL FILE: R125_BLR1_126_SEGMENT 2-13D BAR LIST.DGN

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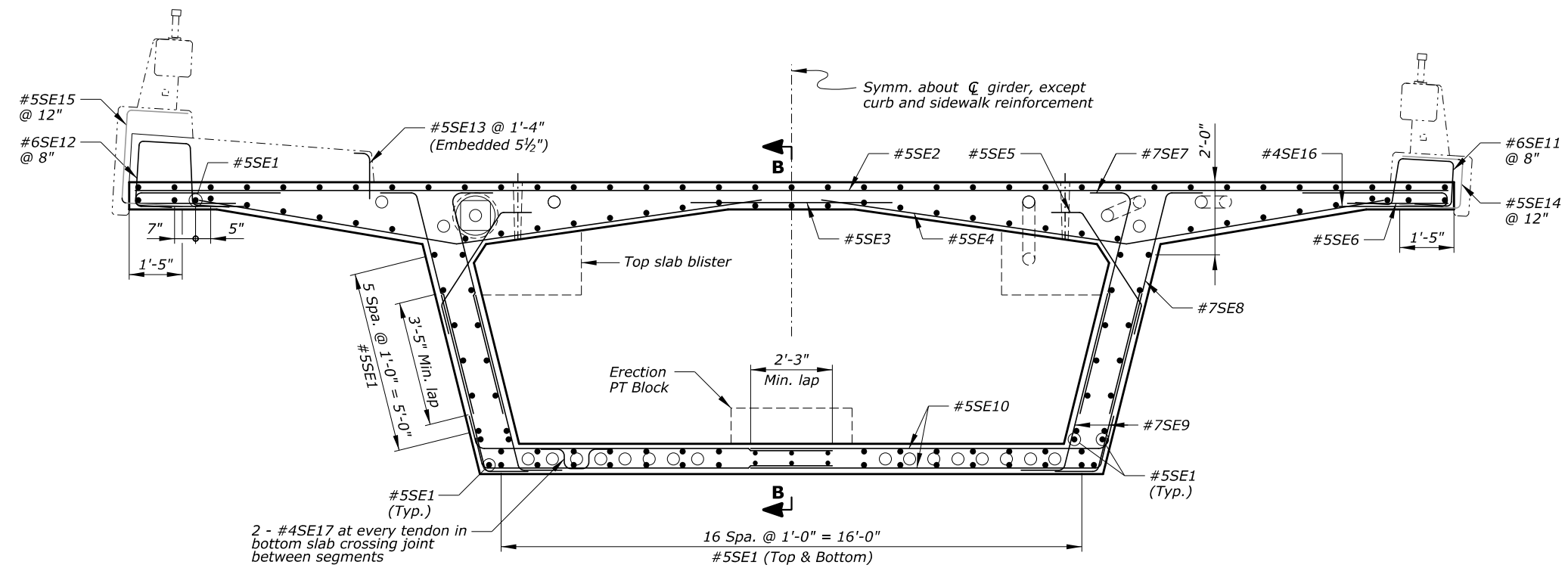
REINFORCING STEEL SCHEDULE				DIMENSION TABLE																	
SEGMENT 2-13D BAR LIST																					
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N	
*5SE1	5	STR		Longitudinal	138	9'-8"	1391		9'-8"												
*5SE2	5	STR		Trans. top	11	36'-2"	415		36'-2"												
*5SE3	5	STR		Trans. top	11	6'-0"	69		6'-0"												
*5SE4	5	52	0'-3 3/4"	Trans. top	22	16'-10"	386	9'-1"	7'-9"	7'-4 1/2"	2'-5"										
*5SE5	5	247	0'-3 3/4"	Trans. top	22	4'-7"	105	2'-10 1/4"	0'-10"	0'-10"	0'-6 3/4"	0'-7 3/4"	0'-5 1/2"	0'-8 3/4"							
*5SE6	5	STR		Trans. top	22	3'-3"	75		3'-3"												
*7SE7	7	73	0'-5 5/16"	Vert. i.f.	40	7'-5 1/2"	610	6'-3 1/4"	1'-2"	0'-3"	1'-2 1/2"										
*7SE8	7	52	0'-5 5/16"	Vert. o.f.	38	7'-6"	583	6'-4"	1'-2"	0'-3 1/2"	1'-1 3/4"										
*7SE9	7	52	0'-5 5/16"	Vert. e.f.	80	6'-2 1/2"	1015	5'-0 1/2"	1'-2"	0'-3 1/2"	1'-1 3/4"										
*5SE10	5	52	0'-3 3/4"	Trans. bot.	80	10'-4"	862	9'-6"	0'-10"	0'-2 1/2"	0'-10"										
*6SE11	6	65	0'-4 1/2"	Rail	15	6'-1 1/2"	138	1'-0"	1'-4"	1'-4 1/4"	1'-5 1/4"	1'-0"	1'-5"							77°	
*6SE12	6	65	0'-4 1/2"	Rail	15	6'-10"	154	1'-0"	1'-8 1/2"	1'-6"	1'-7 1/4"	1'-0"	1'-7 1/4"								84°
*5SE13	5	17	0'-3 3/4"	Rail	8	1'-8"	14		1'-3"	0'-5"											
*5SE14	5	17	0'-3 3/4"	Rail	10	5'-1 1/2"	53		1'-10 1/2"	1'-4 1/4"	1'-10 1/2"										
*5SE15	5	17	0'-3 3/4"	Rail	10	6'-2"	64		1'-10 1/4"	2'-5 1/2"	1'-10 1/4"										
*4SE16	4	17	0'-3 1/8"	Trans. top	64	7'-5"	317		4'-0"	0'-5"	3'-0"										
*4SE17	4	S4	0'-3 1/8"	Trans. bot.	64	3'-2 1/2"	137	0'-8"	0'-7"	0'-8 1/2"	0'-7"	0'-8"									
*7SE18	7	55	0'-5 5/16"	Vert. o.f.	2	7'-5 1/2"	30		1'-2"	2'-0"	4'-2 1/4"	1'-1 1/4"									
SUBTOTAL							6419	LBS													
ERECTION ANCHOR BLOCK BAR LIST																					
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N	
*6DE1	6	S4	0'-4 1/2"	Trans. bot.	6	8'-2 1/2"	74	1'-0"	1'-6 3/4"	3'-1"	1'-6 3/4"	1'-0"									
*6DE2	6	S4	0'-4 1/2"	Long. bot.	6	6'-11"	62	1'-0"	1'-7"	1'-9"	1'-7"	1'-0"									
*6DE3	6	239	0'-4 1/2"	Trans. top	12	7'-3"	131	1'-0"	2'-5 1/4"	1'-6 3/4"	1'-2 3/4"	1'-0"	76°	90°	14°						
*6DE4	6	S4	0'-4 1/2"	Stirrups	2	8'-3 1/2"	25	1'-0"	2'-4"	1'-7 1/2"	2'-4"	1'-0"									
*6DE5	6	S4	0'-4 1/2"	Stirrups	2	8'-6 1/2"	26	1'-0"	2'-5 1/2"	1'-7 1/2"	2'-5 1/2"	1'-0"									
*6DE6	6	S4	0'-4 1/2"	Stirrups	2	8'-10"	27	1'-0"	2'-7 1/4"	1'-7 1/2"	2'-7 1/4"	1'-0"									
*6DE7	6	S4	0'-4 1/2"	Long. top	4	8'-11"	54	1'-0"	2'-7 3/4"	1'-7 1/2"	2'-7 3/4"	1'-0"									
SUBTOTAL							398	LBS													



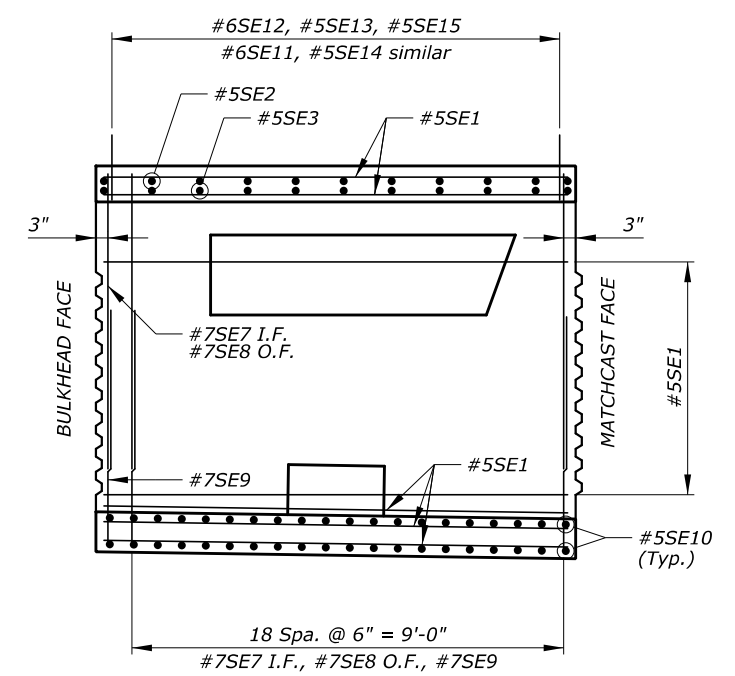
U.S. DEPARTMENT OF TRANSPORTATION
 FEDERAL HIGHWAY ADMINISTRATION
 EASTERN FEDERAL LANDS HIGHWAY DIVISION
 BLUE RIDGE PARKWAY
 BRIDGE OVER I-26
 SEGMENT 2-13D BAR LIST

NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC	CC	LE	No Scale	George Choubah	125 of 228	December 2018	BRP-1265

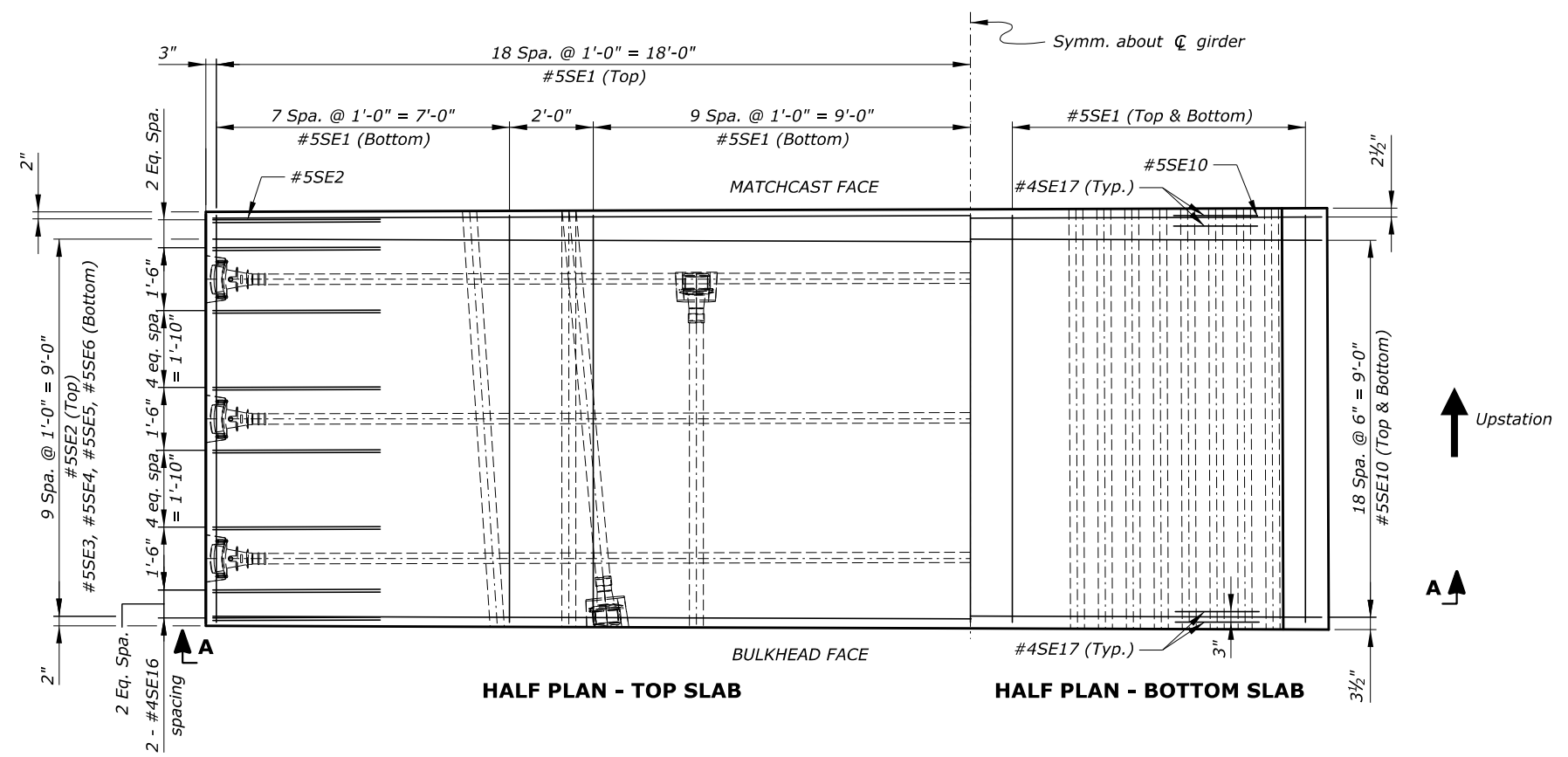
STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R126



SECTION A-A
Looking upstation



SECTION B-B



HALF PLAN - TOP SLAB

HALF PLAN - BOTTOM SLAB

Notes:

1. Minimum concrete cover is 2 1/2" at top face of deck, and 1 1/2" at all other faces, unless otherwise noted.
2. Adjust slightly the location of reinforcement to avoid conflict with post-tensioning ducts.
3. For information on reinforcement in erection post-tensioning anchor blocks, see "ERECTION ANCHOR BLOCK" sheet.
4. For information on reinforcement in the top slab blister, see "TOP SLAB BLISTER" sheet.

Key:

- e.f. = each face
- I.F. = inside face
- O.F. = outside face

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
EASTERN FEDERAL LANDS HIGHWAY DIVISION

BLUE RIDGE PARKWAY

BRIDGE OVER I-26

SEGMENT 2-12D REINFORCEMENT

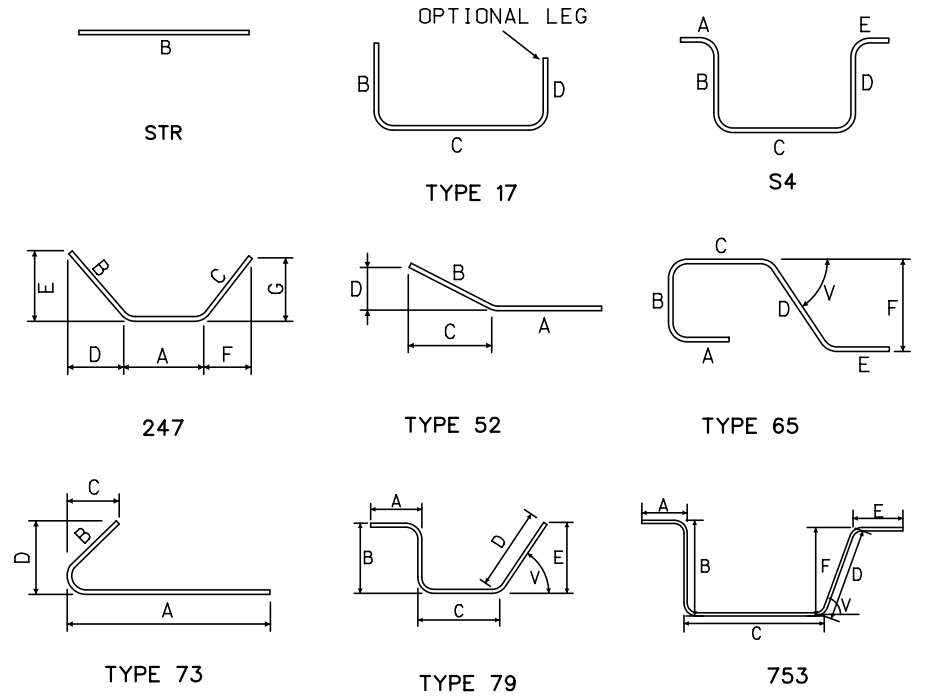
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC/CWN	BK/CC	HC	1/2" = 1'-0"	George Choubah	126 of 228	December 2018	BRP-1265

ACTUAL FILE: R127_BLR1_126_SEGMENT 2-12D BAR LIST.DGN

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REINFORCING STEEL SCHEDULE				DIMENSION TABLE																
SEGMENT 2-12D BAR LIST																				
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N
*5SE1	5	STR		Longitudinal	138	9'-8"	1391		9'-8"											
*5SE2	5	STR		Trans. top	11	36'-2"	415		36'-2"											
*5SE3	5	STR		Trans. top	11	6'-0"	69		6'-0"											
*5SE4	5	52	0'-3 3/4"	Trans. top	22	16'-10"	386	9'-1"	7'-9"	7'-4 1/2"	2'-5"									
*5SE5	5	247	0'-3 3/4"	Trans. top	22	4'-7"	105	2'-10 1/4"	0'-10"	0'-10"	0'-6 3/4"	0'-7 3/4"	0'-5 1/2"	0'-8 3/4"						
*5SE6	5	STR		Trans. top	22	3'-3"	75		3'-3"											
*7SE7	7	73	0'-5 5/16"	Vert. i.f.	40	7'-6 1/2"	617	6'-4 1/4"	1'-2"	0'-3"	1'-2 1/2"									
*7SE8	7	52	0'-5 5/16"	Vert. o.f.	40	7'-7"	620	6'-5"	1'-2"	0'-3 1/2"	1'-1 3/4"									
*7SE9	7	52	0'-5 5/16"	Vert. e.f.	80	6'-2 1/2"	1015	5'-0 1/2"	1'-2"	0'-3 1/2"	1'-1 3/4"									
*5SE10	5	52	0'-3 3/4"	Trans. bot.	80	10'-4"	862	9'-6"	0'-10"	0'-2 1/2"	0'-10"									
*6SE11	6	65	0'-4 1/2"	Rail	15	6'-1 1/2"	138	1'-0"	1'-4"	1'-4 1/4"	1'-5 1/4"	1'-0"	1'-5"							77°
*6SE12	6	65	0'-4 1/2"	Rail	15	6'-10"	154	1'-0"	1'-8 1/2"	1'-6"	1'-7 1/4"	1'-0"	1'-7 1/4"							84°
*5SE13	5	17	0'-3 3/4"	Rail	8	1'-8"	14		1'-3"	0'-5"										
*5SE14	5	17	0'-3 3/4"	Rail	10	5'-1 1/2"	53		1'-10 1/2"	1'-4 1/4"	1'-10 1/2"									
*5SE15	5	17	0'-3 3/4"	Rail	10	6'-2"	64		1'-10 1/4"	2'-5 1/2"	1'-10 1/4"									
*4SE16	4	17	0'-3 1/8"	Trans. top	64	7'-5"	317		4'-0"	0'-5"	3'-0"									
*4SE17	4	S4	0'-3 1/8"	Trans. bot.	64	3'-2 1/2"	137	0'-8"	0'-7"	0'-8 1/2"	0'-7"	0'-8"								
SUBTOTAL							6433	LBS												
ERECTION ANCHOR BLOCK BAR LIST																				
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N
*6DE1	6	S4	0'-4 1/2"	Trans. bot.	6	8'-2 1/2"	74	1'-0"	1'-6 3/4"	3'-1"	1'-6 3/4"	1'-0"								
*6DE2	6	S4	0'-4 1/2"	Long. bot.	6	6'-11"	62	1'-0"	1'-7"	1'-9"	1'-7"	1'-0"								
SUBTOTAL							136	LBS												
TOP SLAB BLISTER BAR LIST																				
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N
*6TE1	6	17	0'-4 1/2"	Longitudinal	10	10'-8"	160		9'-8"	1'-0"										
*5TE2	5	753	0'-3 3/4"	Longitudinal	6	12'-11"	81	0'-10"	2'-8 3/4"	5'-7"	2'-10"	0'-11"	2'-8 3/4"							72°
*5TE3	5	17	0'-3 3/4"	Horiz.	2	9'-3 1/2"	19		5'-7 1/4"	3'-8 1/4"										
*5TE4	5	17	0'-3 3/4"	Horiz.	2	9'-6"	20		5'-9 1/2"	3'-8 3/4"										
*5TE5	5	S4	0'-3 3/4"	Stirrups	12	8'-7 1/2"	108	0'-10"	2'-9 1/4"	1'-4 3/4"	2'-9 1/4"	0'-10"								
*5TE6	5	79	0'-3 3/4"	Stirrups	26	8'-3 1/2"	225	0'-10"	2'-9 1/4"	3'-9 3/4"	0'-10 1/2"	0'-10 1/4"								76°
*5TE7	5	S4	0'-3 3/4"	Stirrups	2	4'-10"	10	0'-10"	1'-0 3/4"	1'-0 1/2"	1'-0 3/4"	0'-10"								
*5TE8	5	S4	0'-3 3/4"	Stirrups	2	4'-11"	10	0'-10"	1'-1 1/4"	1'-0 1/2"	1'-1 1/4"	0'-10"								
*5TE9	5	S4	0'-3 3/4"	Stirrups	2	5'-0 1/2"	11	0'-10"	1'-2"	1'-0 1/2"	1'-2"	0'-10"								
*5TE10	5	S4	0'-3 3/4"	Stirrups	2	5'-3"	11	0'-10"	1'-3 1/4"	1'-0 1/2"	1'-3 1/4"	0'-10"								
*5TE11	5	S4	0'-3 3/4"	Stirrups	2	5'-6"	11	0'-10"	1'-4 3/4"	1'-0 1/2"	1'-4 3/4"	0'-10"								
*5TE12	5	S4	0'-3 3/4"	Stirrups	2	5'-9"	12	0'-10"	1'-6 1/4"	1'-0 1/2"	1'-6 1/4"	0'-10"								
*5TE13	5	S4	0'-3 3/4"	Stirrups	2	6'-1"	13	0'-10"	1'-8 1/4"	1'-0 1/2"	1'-8 1/4"	0'-10"								
*5TE14	5	S4	0'-3 3/4"	Stirrups	2	6'-3 1/2"	13	0'-10"	1'-9 1/2"	1'-0 1/2"	1'-9 1/2"	0'-10"								
*5TE15	5	S4	0'-3 3/4"	Stirrups	2	6'-6 1/2"	14	0'-10"	1'-11"	1'-0 1/2"	1'-11"	0'-10"								
*5TE16	5	S4	0'-3 3/4"	Stirrups	2	6'-9"	14	0'-10"	2'-0 1/4"	1'-0 1/2"	2'-0 1/4"	0'-10"								
*5TE17	5	S4	0'-3 3/4"	Stirrups	2	6'-11 1/2"	15	0'-10"	2'-1 1/2"	1'-0 1/2"	2'-1 1/2"	0'-10"								
*5TE18	5	S4	0'-3 3/4"	Stirrups	2	7'-2"	15	0'-10"	2'-2 3/4"	1'-0 1/2"	2'-2 3/4"	0'-10"								
*5TE19	5	S4	0'-3 3/4"	Stirrups	2	7'-4 1/2"	15	0'-10"	2'-4"	1'-0 1/2"	2'-4"	0'-10"								
*5TE20	5	S4	0'-3 3/4"	Stirrups	2	7'-7 1/2"	16	0'-10"	2'-5 1/2"	1'-0 1/2"	2'-5 1/2"	0'-10"								
SUBTOTAL							793	LBS												



STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R127

U.S. DEPARTMENT OF TRANSPORTATION
 FEDERAL HIGHWAY ADMINISTRATION
 EASTERN FEDERAL LANDS HIGHWAY DIVISION

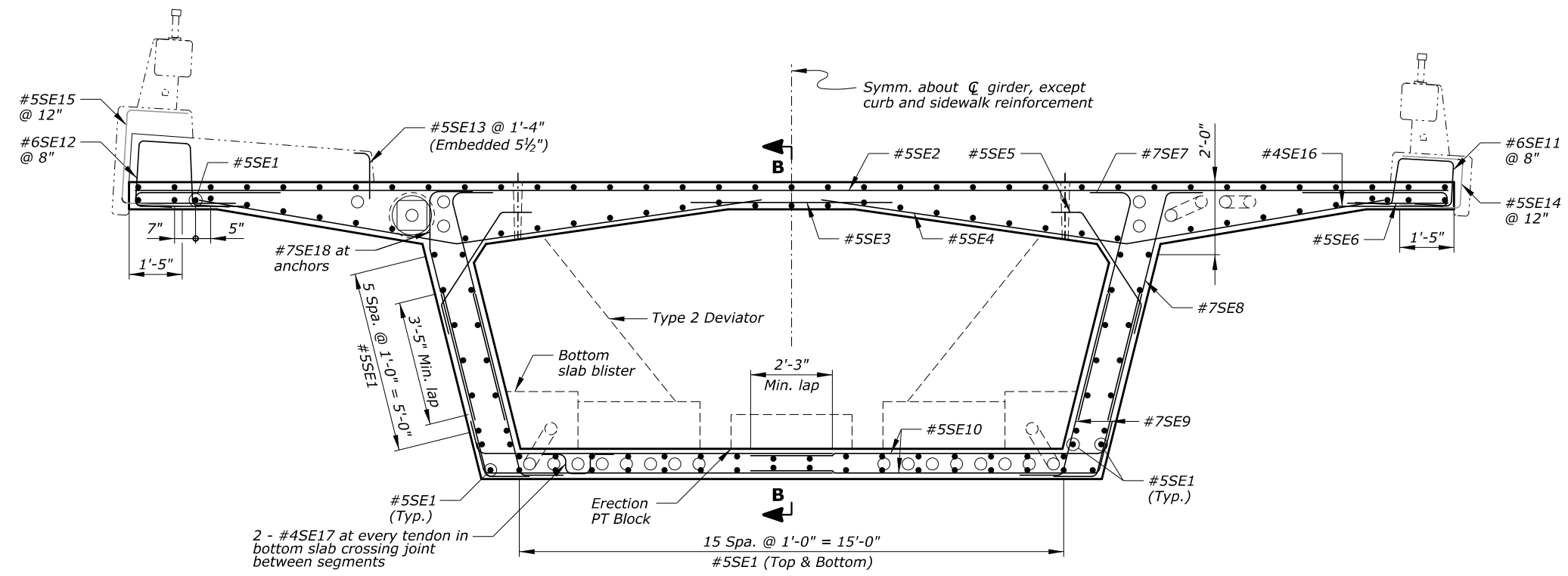
BLUE RIDGE PARKWAY

BRIDGE OVER I-26

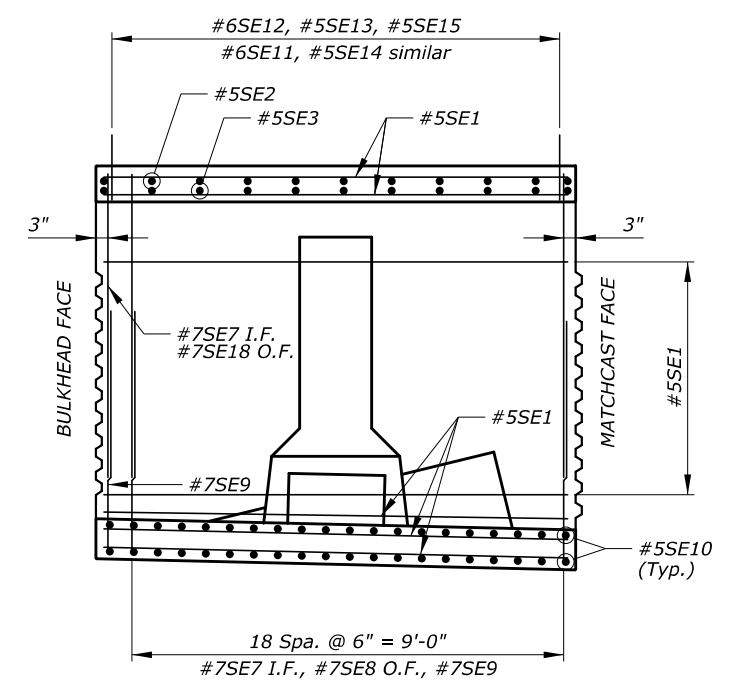
SEGMENT 2-12D
 BAR LIST

NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC	CC	LE	No Scale	George Choubah	127 of 228	December 2018	BRP-1265

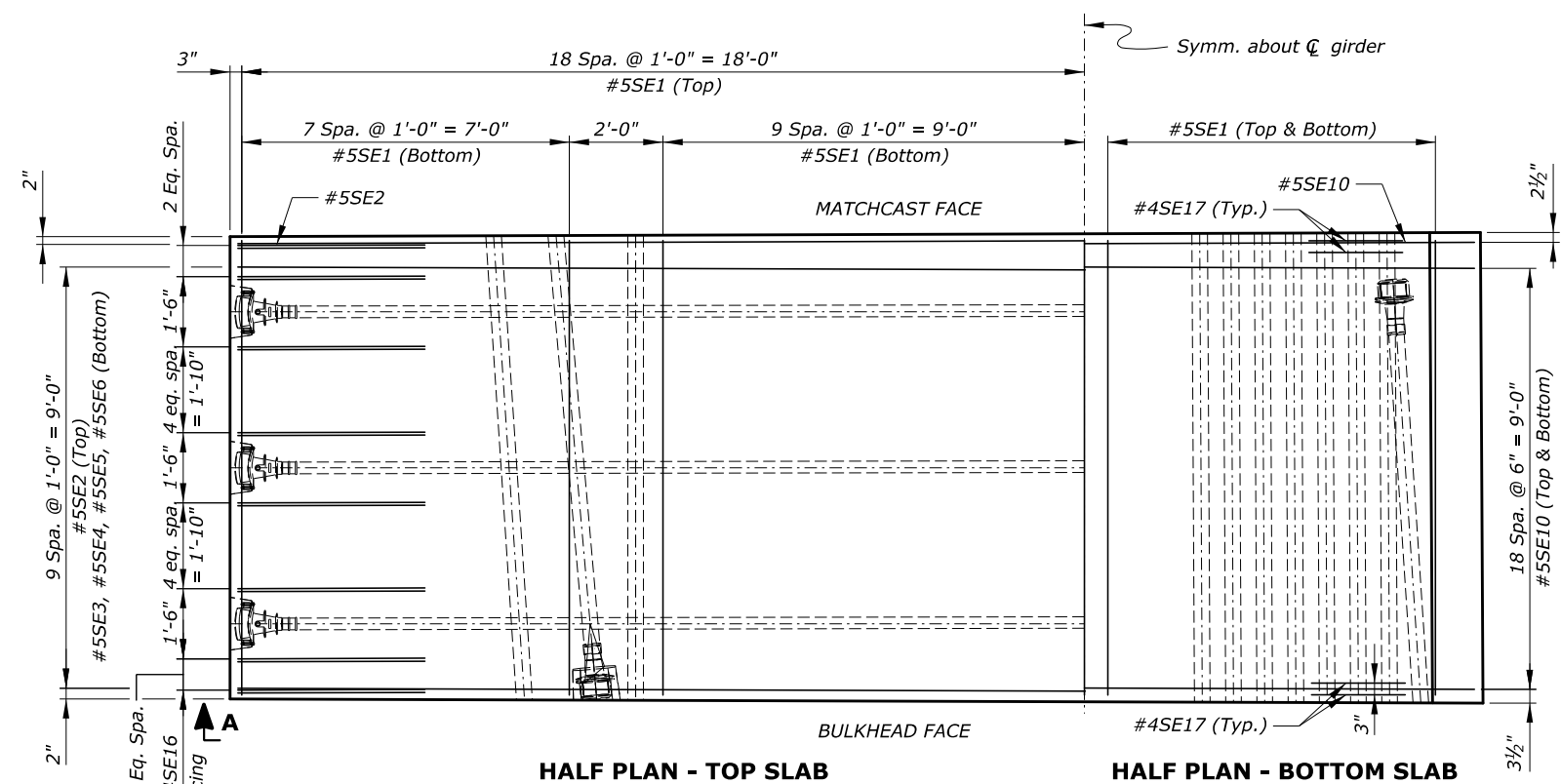
STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R128



SECTION A-A
Looking upstation



SECTION B-B



HALF PLAN - TOP SLAB

HALF PLAN - BOTTOM SLAB

Notes:

1. Minimum concrete cover is 2½" at top face of deck, and 1½" at all other faces, unless otherwise noted.
2. Adjust slightly the location of reinforcement to avoid conflict with post-tensioning ducts.
3. For information on reinforcement in erection post-tensioning anchor blocks, see "ERECTION ANCHOR BLOCK" sheet.
4. For information on reinforcement in the bottom slab blister, see "BOTTOM SLAB BLISTER" sheet. For information on reinforcement in the type 2 deviator, see "TYPE 2 DEVIATOR" sheet.

Key:

- e.f. = each face
- I.F. = inside face
- O.F. = outside face

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
EASTERN FEDERAL LANDS HIGHWAY DIVISION

BLUE RIDGE PARKWAY

BRIDGE OVER I-26

SEGMENT 2-11D REINFORCEMENT

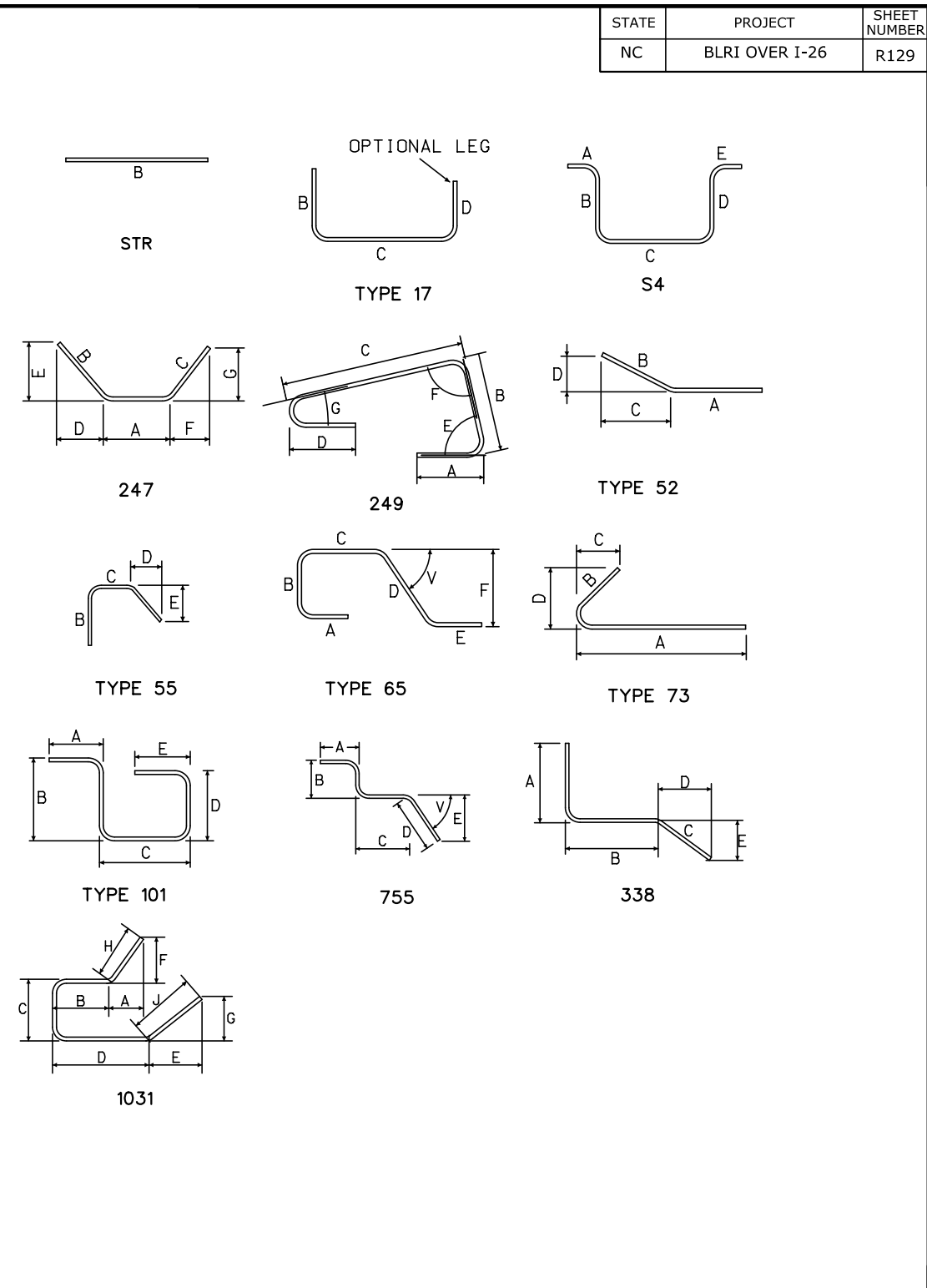
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC/CWN	BK/CC	HC	½" = 1'-0"	George Choubah	128 of 228	December 2018	BRP-1265

ACTUAL FILE: R129_BLR1_I26_SEGMENT 2-11D BAR LIST.DGN

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REINFORCING STEEL SCHEDULE				DIMENSION TABLE																	
SEGMENT 2-11D BAR LIST																					
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N	
*5SE1	5	STR		Longitudinal	136	9'-8"	1371		9'-8"												
*5SE2	5	STR		Trans. top	11	36'-2"	415		36'-2"												
*5SE3	5	STR		Trans. top	11	6'-0"	69		6'-0"												
*5SE4	5	52	0'-3 3/4"	Trans. top	22	16'-10"	386	9'-1"	7'-9"	7'-4 1/2"	2'-5"										
*5SE5	5	247	0'-3 3/4"	Trans. top	22	4'-7"	105	2'-10 1/4"	0'-10"	0'-10"	0'-6 3/4"	0'-7 3/4"	0'-5 1/2"	0'-8 3/4"							
*5SE6	5	STR		Trans. top	22	3'-3"	75		3'-3"												
*7SE7	7	73	0'-5 5/16"	Vert. i.f.	40	7'-7 1/2"	623	6'-5 1/2"	1'-2"	0'-3"	1'-2 1/2"										
*7SE8	7	52	0'-5 5/16"	Vert. o.f.	50	7'-8 1/2"	788	6'-6 1/4"	1'-2"	0'-3 1/2"	1'-1 3/4"										
*7SE9	7	52	0'-5 5/16"	Vert. e.f.	92	6'-4 1/2"	1199	5'-2 1/4"	1'-2"	0'-3 1/2"	1'-1 3/4"										
*5SE10	5	52	0'-3 3/4"	Trans. bot.	80	10'-3 1/2"	859	9'-5 1/2"	0'-10"	0'-2 1/2"	0'-10"										
*6SE11	6	65	0'-4 1/2"	Rail	15	6'-1 1/2"	138	1'-0"	1'-4"	1'-4 1/4"	1'-5 1/4"	1'-0"	1'-5"							77°	
*6SE12	6	65	0'-4 1/2"	Rail	15	6'-10"	154	1'-0"	1'-8 1/2"	1'-6"	1'-7 1/4"	1'-0"	1'-7 1/4"								84°
*5SE13	5	17	0'-3 3/4"	Rail	8	1'-8"	14		1'-3"	0'-5"											
*5SE14	5	17	0'-3 3/4"	Rail	10	5'-1 1/2"	53		1'-10 1/2"	1'-4 1/4"	1'-10 1/2"										
*5SE15	5	17	0'-3 3/4"	Rail	10	6'-2"	64		1'-10 1/4"	2'-5 1/2"	1'-10 1/4"										
*4SE16	4	17	0'-3 1/8"	Trans. top	64	7'-5"	317		4'-0"	0'-5"	3'-0"										
*4SE17	4	S4	0'-3 1/8"	Trans. bot.	60	3'-2 1/2"	129	0'-8"	0'-7"	0'-8 1/2"	0'-7"	0'-8"									
*7SE18	7	55	0'-5 5/16"	Vert. o.f.	2	7'-7 1/2"	31		1'-2"	2'-0"	4'-4 1/2"	1'-1 3/4"									
SUBTOTAL							6790	LBS													
ERECTION ANCHOR BLOCK BAR LIST																					
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N	
*6DE1	6	S4	0'-4 1/2"	Trans. bot.	6	8'-2 1/2"	74	1'-0"	1'-6 3/4"	3'-1"	1'-6 3/4"	1'-0"									
*6DE2	6	S4	0'-4 1/2"	Long. bot.	6	6'-11"	62	1'-0"	1'-7"	1'-9"	1'-7"	1'-0"									
SUBTOTAL							398	LBS													
BOTTOM SLAB BLISTER BAR LIST																					
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N	
*6LE1	6	17	0'-4 1/2"	Long. bot.	6	10'-2 1/2"	92		9'-8"	0'-6 1/2"											
*5LE2	5	249	0'-3 3/4"	Long. bot.	8	10'-11"	91	0'-10"	2'-0"	7'-3 1/4"	0'-10"	77°	90°	13°							
*5LE3	5	STR		Long. bot.	8	6'-5 1/2"	54		6'-5 1/2"												
*5LE4	5	STR		Long. bot.	8	4'-3 1/2"	36		4'-3 1/2"												
*6LE5	6	755	0'-4 1/2"		2 sets of 15 at 0'-1" incr.	6'-7"	254	1'-0"	2'-6 1/4"	2'-0 3/4"	1'-0"	0'-11 3/4"								76°	
*6LE6	6	1031	0'-4 1/2"	Trans. bot.	6	8'-11 1/2"	81	0'-3"	2'-11"	1'-4 3/4"	2'-7"	0'-3"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"				
*6LE7	6	101	0'-4 1/2"	Trans. bot.	2 sets of 12 at 0'-2" incr.	6'-4"	176	1'-0"	1'-6 1/4"	1'-3 3/4"	1'-6 1/4"	1'-0"									
SUBTOTAL							827	LBS													
TYPE 2 DEVIATOR BAR LIST																					
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N	
*6VE1	6	52	0'-4 1/2"	Vert.	20	8'-8"	260	6'-4"	2'-4"	1'-9 3/4"	1'-6"										
*6VE2	6	S4	0'-4 1/2"	Horiz.	2 sets of 5 at 0'-9" incr.	13'-9 1/2"	176	1'-0"	5'-3 1/4"	1'-3"	5'-3 1/4"	1'-0"									
*5VE3	5	STR		Vert.	18	1'-11"	36		1'-11"												
*4VE4	4	52	0'-3 1/8"	Vert.	24	2'-3"	36	1'-3"	1'-0"	0'-8 1/2"	0'-8 3/4"										
*5VE5	5	S4	0'-3 3/4"	Stirrups	30	6'-5 1/2"	202	0'-10"	2'-0"	0'-9 1/4"	2'-0"	0'-10"									
*5VE6	5	338	0'-3 3/4"	Trans.	10	8'-11"	93	6'-1 3/4"	1'-11 1/2"	0'-10"	0'-2 1/2"	0'-10"									
*5VE7	5	17	0'-3 3/4"	Trans.	10	8'-3"	86		3'-8 1/2"	0'-10"	3'-8 1/2"										
SUBTOTAL							899	LBS													



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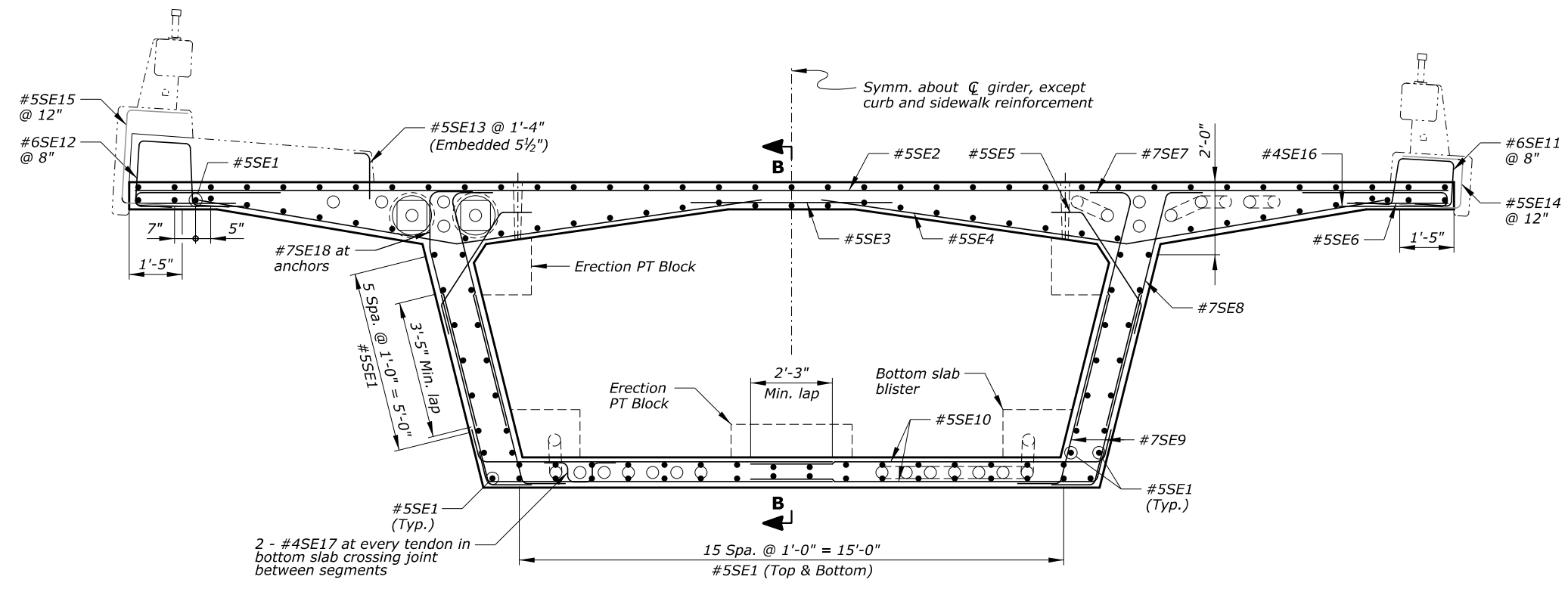
BLUE RIDGE PARKWAY

BRIDGE OVER I-26

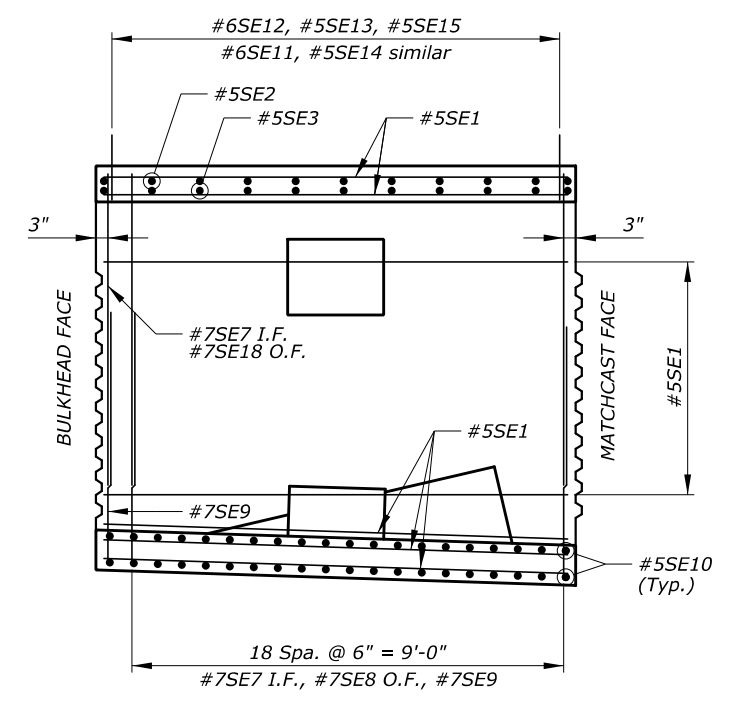
SEGMENT 2-11D
 BAR LIST

NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC	CC	LE	No Scale	George Choubah	129 of 228	December 2018	BRP-1265

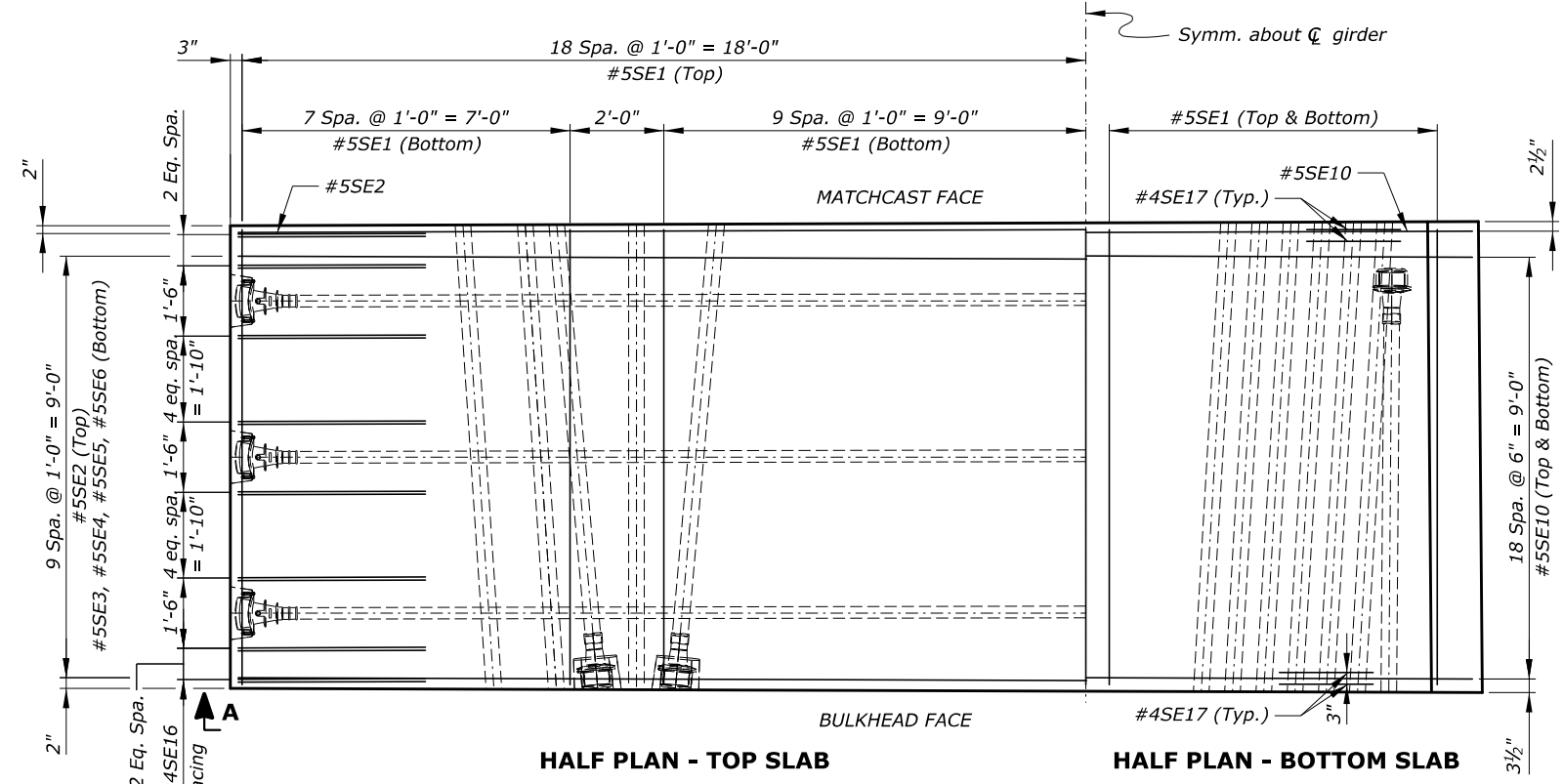
STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R130



SECTION A-A
Looking upstation



SECTION B-B



HALF PLAN - TOP SLAB

HALF PLAN - BOTTOM SLAB

Notes:

1. Minimum concrete cover is 2½" at top face of deck, and 1½" at all other faces, unless otherwise noted.
2. Adjust slightly the location of reinforcement to avoid conflict with post-tensioning ducts.
3. For information on reinforcement in erection post-tensioning anchor blocks, see "ERECTION ANCHOR BLOCK" sheet.
4. For information on reinforcement in the bottom slab blister, see "BOTTOM SLAB BLISTER" sheet.

Key:

- e.f. = each face
- I.F. = inside face
- O.F. = outside face

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BLUE RIDGE PARKWAY

BRIDGE OVER I-26

SEGMENT 2-10D REINFORCEMENT

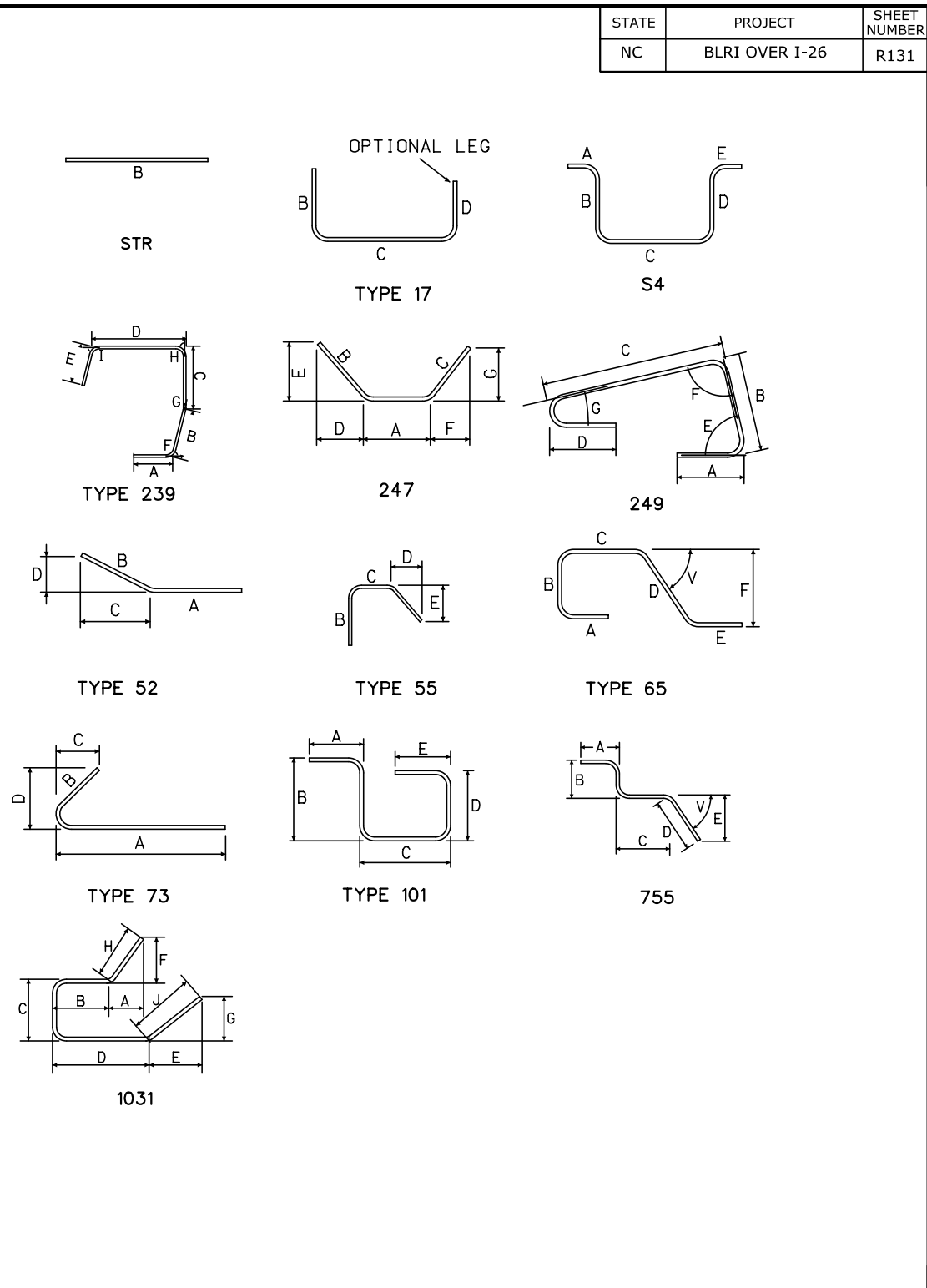
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC/CWN	BK/CC	HC	½" = 1'-0"	George Choubah	130 of 228	December 2018	BRP-1265

ACTUAL FILE: R131_BLR1_I26_SEGMENT 2-10D BAR LIST.DGN

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REINFORCING STEEL SCHEDULE				DIMENSION TABLE																	
SEGMENT 2-10D BAR LIST																					
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N	
*5SE1	5	STR		Longitudinal	136	9'-8"	1371		9'-8"												
*5SE2	5	STR		Trans. top	11	36'-2"	415		36'-2"												
*5SE3	5	STR		Trans. top	11	6'-0"	69		6'-0"												
*5SE4	5	52	0'-3 3/4"	Trans. top	22	16'-10"	386	9'-1"	7'-9"	7'-4 1/2"	2'-5"										
*5SE5	5	247	0'-3 3/4"	Trans. top	22	4'-7"	105	2'-10 1/4"	0'-10"	0'-10"	0'-6 3/4"	0'-7 3/4"	0'-5 1/2"	0'-8 3/4"							
*5SE6	5	STR		Trans. top	22	3'-3"	75		3'-3"												
*7SE7	7	73	0'-5 5/16"	Vert. i.f.	40	7'-9"	634	6'-7"	1'-2"	0'-3"	1'-2 1/2"										
*7SE8	7	52	0'-5 5/16"	Vert. o.f.	38	7'-10"	608	6'-7 3/4"	1'-2"	0'-3 1/2"	1'-1 3/4"										
*7SE9	7	52	0'-5 5/16"	Vert. e.f.	80	6'-6 1/2"	1070	5'-4 3/4"	1'-2"	0'-3 1/2"	1'-1 3/4"										
*5SE10	5	52	0'-3 3/4"	Trans. bot.	80	10'-3"	855	9'-4 3/4"	0'-10"	0'-2 1/2"	0'-10"										
*6SE11	6	65	0'-4 1/2"	Rail	15	6'-1 1/2"	138	1'-0"	1'-4"	1'-4 1/4"	1'-5 1/4"	1'-0"	1'-5"							77°	
*6SE12	6	65	0'-4 1/2"	Rail	15	6'-10"	154	1'-0"	1'-8 1/2"	1'-6"	1'-7 1/4"	1'-0"	1'-7 1/4"								84°
*5SE13	5	17	0'-3 3/4"	Rail	8	1'-8"	14		1'-3"	0'-5"											
*5SE14	5	17	0'-3 3/4"	Rail	10	5'-1 1/2"	53		1'-10 1/2"	1'-4 1/4"	1'-10 1/2"										
*5SE15	5	17	0'-3 3/4"	Rail	10	6'-2"	64		1'-10 1/4"	2'-5 1/2"	1'-10 1/4"										
*4SE16	4	17	0'-3 1/8"	Trans. top	64	7'-5"	317		4'-0"	0'-5"	3'-0"										
*4SE17	4	S4	0'-3 1/8"	Trans. bot.	52	3'-2 1/2"	111	0'-8"	0'-7"	0'-8 1/2"	0'-7"	0'-8"									
*7SE18	7	55	0'-5 5/16"	Vert. o.f.	2	7'-9"	32		1'-2"	2'-0"	4'-5 3/4"	1'-2 1/4"									
SUBTOTAL							6472	LBS													
ERECTION ANCHOR BLOCK BAR LIST																					
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N	
*6DE1	6	S4	0'-4 1/2"	Trans. bot.	6	8'-2 1/2"	74	1'-0"	1'-6 3/4"	3'-1"	1'-6 3/4"	1'-0"									
*6DE2	6	S4	0'-4 1/2"	Long. bot.	6	6'-11"	62	1'-0"	1'-7"	1'-9"	1'-7"	1'-0"									
*6DE3	6	239	0'-4 1/2"	Trans. top	12	7'-3"	131	1'-0"	2'-5 1/4"	1'-6 3/4"	1'-2 3/4"	1'-0"	76°	90°	14°						
*6DE4	6	S4	0'-4 1/2"	Stirrups	2	8'-3 1/2"	25	1'-0"	2'-4"	1'-7 1/2"	2'-4"	1'-0"									
*6DE5	6	S4	0'-4 1/2"	Stirrups	2	8'-6 1/2"	26	1'-0"	2'-5 1/2"	1'-7 1/2"	2'-5 1/2"	1'-0"									
*6DE6	6	S4	0'-4 1/2"	Stirrups	2	8'-10"	27	1'-0"	2'-7 1/4"	1'-7 1/2"	2'-7 1/4"	1'-0"									
*6DE7	6	S4	0'-4 1/2"	Long. top	4	8'-11"	54	1'-0"	2'-7 3/4"	1'-7 1/2"	2'-7 3/4"	1'-0"									
SUBTOTAL							398	LBS													
BOTTOM SLAB BLISTER BAR LIST																					
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N	
*6LE1	6	17	0'-4 1/2"	Long. bot.	6	10'-2 1/2"	92		9'-8"	0'-6 1/2"											
*5LE2	5	249	0'-3 3/4"	Long. bot.	8	10'-11"	91	0'-10"	2'-0"	7'-3 1/4"	0'-10"	77°	90°	13°							
*5LE3	5	STR		Long. bot.	8	6'-5 1/2"	54		6'-5 1/2"												
*5LE4	5	STR		Long. bot.	8	4'-3 1/2"	36		4'-3 1/2"												
*6LE5	6	755	0'-4 1/2"		2 sets of 15	6'-7"	254	1'-0"	2'-6 1/4"	2'-0 3/4"	1'-0"	0'-11 3/4"								76°	
						sets to of 5'-6 1/2" at 0'-1" Incr.			to to 2'-10 1/4" at 0'-0" at 0'-1" Incr.												
*6LE6	6	1031	0'-4 1/2"	Trans. bot.	6	8'-11 1/2"	81	0'-3"	2'-11"	1'-4 3/4"	2'-7"	0'-3"	1'-0"	1'-0"	1'-0"	1'-0"					
*6LE7	6	101	0'-4 1/2"	Trans. bot.	2 sets of 12	6'-4"	176	1'-0"	1'-6 1/4"	1'-3 3/4"	1'-6 1/4"	1'-0"									
						sets to of 4'-8 1/2" at 0'-2" Incr.			to to 0'-8 1/4" at 0'-1" at 0'-1" Incr.												
SUBTOTAL							827	LBS													



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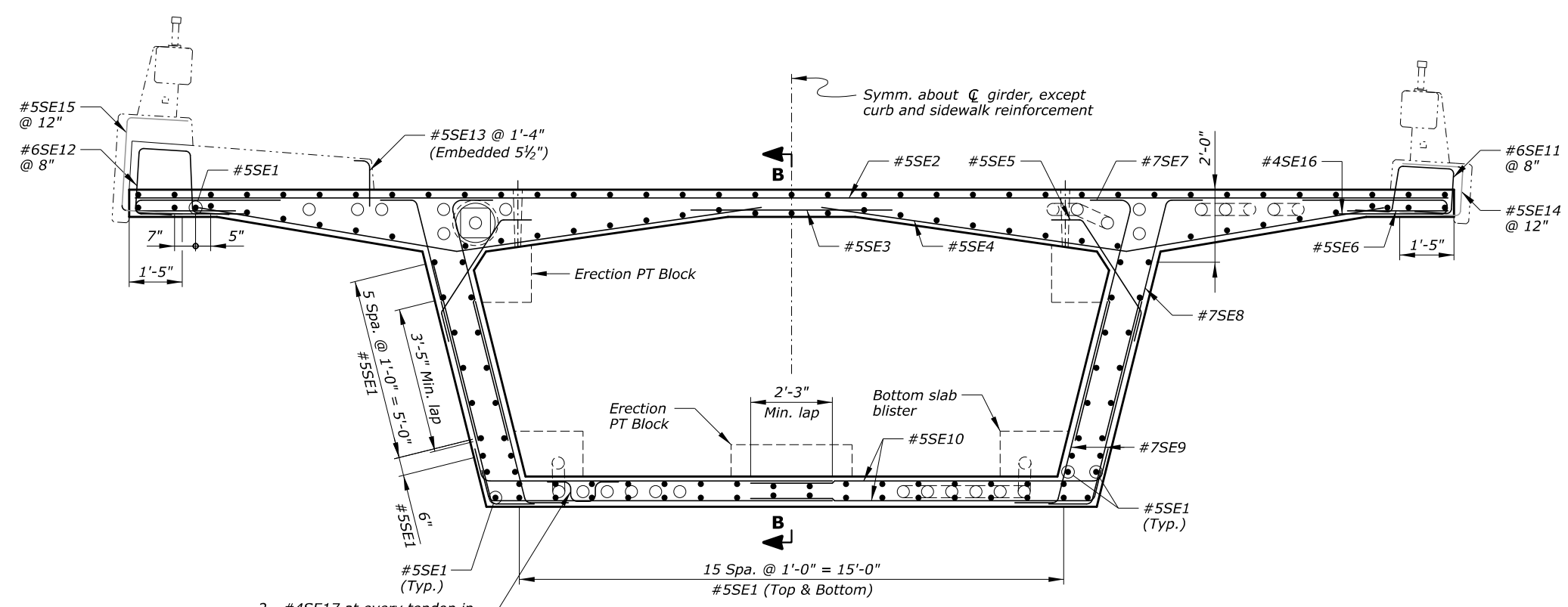
BLUE RIDGE PARKWAY

BRIDGE OVER I-26

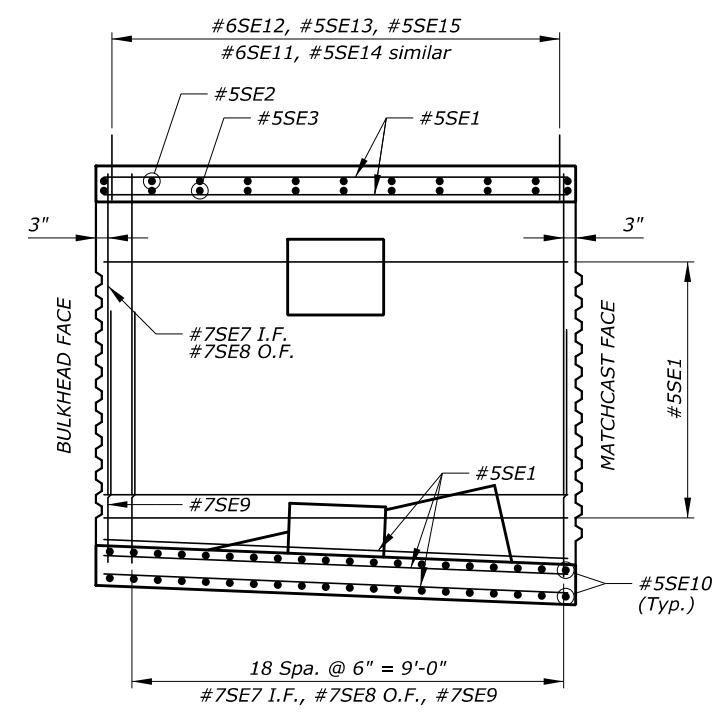
SEGMENT 2-10D
 BAR LIST

NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC	CC	LE	No Scale	George Choubah	131 of 228	December 2018	BRP-1265

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R132



SECTION A-A
Looking upstation



SECTION B-B

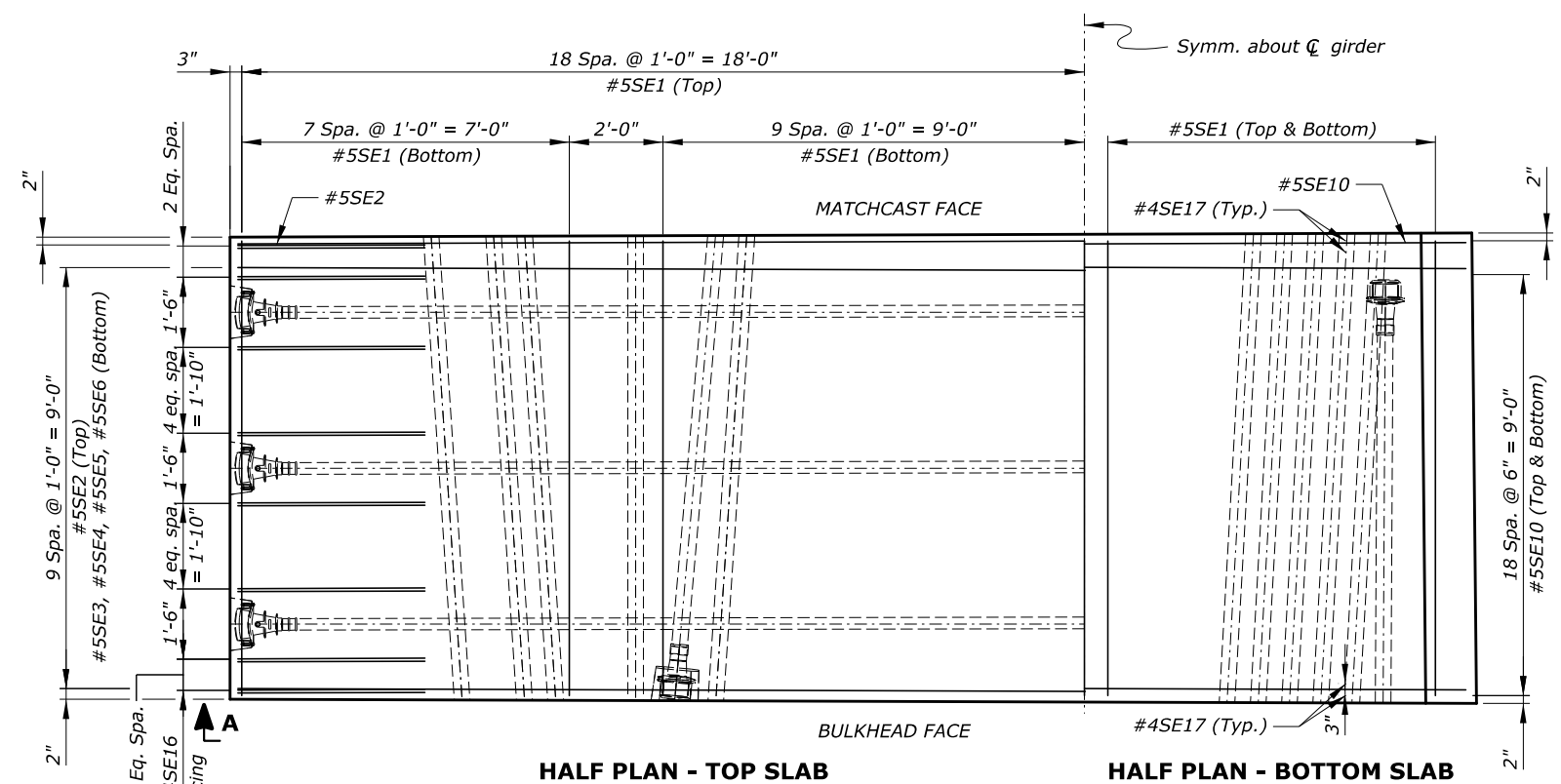
2 - #4SE17 at every tendon in bottom slab crossing joint between segments

Notes:

1. Minimum concrete cover is 2 1/2" at top face of deck, and 1 1/2" at all other faces, unless otherwise noted.
2. Adjust slightly the location of reinforcement to avoid conflict with post-tensioning ducts.
3. For information on reinforcement in erection post-tensioning anchor blocks, see "ERECTION ANCHOR BLOCK" sheet.
4. For information on reinforcement in the bottom slab blister, see "BOTTOM SLAB BLISTER" sheet.

Key:

- e.f. = each face
- I.F. = inside face
- O.F. = outside face



HALF PLAN - TOP SLAB

HALF PLAN - BOTTOM SLAB



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BLUE RIDGE PARKWAY

BRIDGE OVER I-26

SEGMENT 2-9D REINFORCEMENT

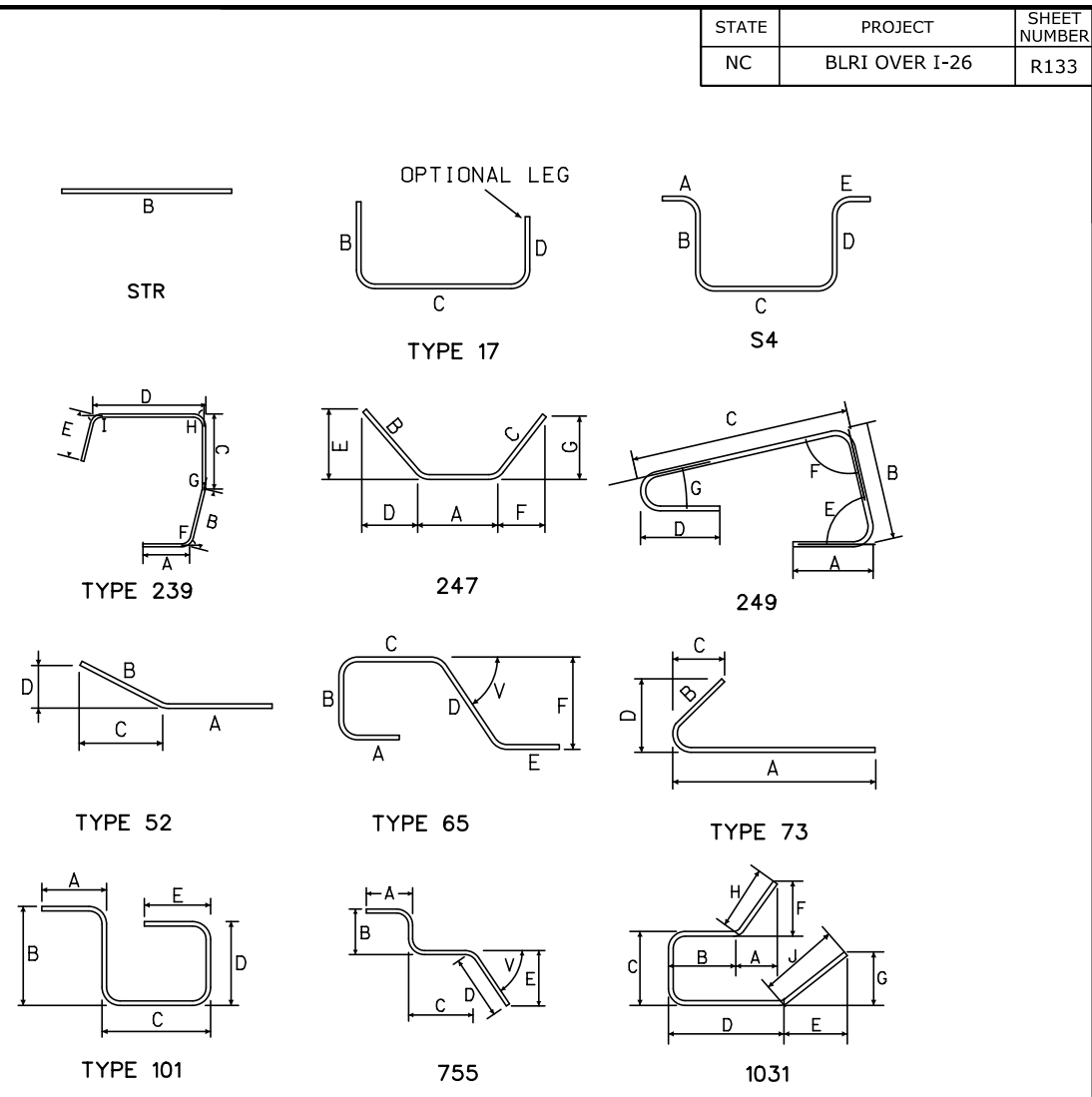
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC/CWN	BK/CC	HC	1/2" = 1'-0"	George Choubah	132 of 228	December 2018	BRP-1265

ACTUAL FILE:R133_BLR1_I26_SEGMENT 2-9D BAR LIST.DGN

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REINFORCING STEEL SCHEDULE				DIMENSION TABLE																	
SEGMENT 2-9D BAR LIST																					
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N	
*5SE1	5	STR		Longitudinal	140	9'-8"	1412		9'-8"												
*5SE2	5	STR		Trans. top	11	36'-2"	415		36'-2"												
*5SE3	5	STR		Trans. top	11	6'-0"	69		6'-0"												
*5SE4	5	52	0'-3 3/4"	Trans. top	22	16'-10"	386	9'-1"	7'-9"	7'-4 1/2"	2'-5"										
*5SE5	5	247	0'-3 3/4"	Trans. top	22	4'-7"	105	2'-10 1/4"	0'-10"	0'-10"	0'-6 3/4"	0'-7 3/4"	0'-5 1/2"	0'-8 3/4"							
*5SE6	5	STR		Trans. top	22	3'-3"	75		3'-3"												
*7SE7	7	73	0'-5 5/16"	Vert. i.f.	40	7'-9 1/2"	637	6'-7 1/2"	1'-2"	0'-3"	1'-2 1/2"										
*7SE8	7	52	0'-5 5/16"	Vert. o.f.	40	7'-10 1/2"	644	6'-8 1/4"	1'-2"	0'-3 1/2"	1'-1 3/4"										
*7SE9	7	52	0'-5 5/16"	Vert. e.f.	80	6'-11 1/2"	1138	5'-9 1/4"	1'-2"	0'-3 1/2"	1'-1 3/4"										
*5SE10	5	52	0'-3 3/4"	Trans. bot.	80	10'-2"	848	9'-3 3/4"	0'-10"	0'-2 1/2"	0'-10"										
*6SE11	6	65	0'-4 1/2"	Rail	15	6'-1 1/2"	138	1'-0"	1'-4"	1'-4 1/4"	1'-5 1/4"	1'-0"	1'-5"							77°	
*6SE12	6	65	0'-4 1/2"	Rail	15	6'-10"	154	1'-0"	1'-8 1/2"	1'-6"	1'-7 1/4"	1'-0"	1'-7 1/4"								84°
*5SE13	5	17	0'-3 3/4"	Rail	8	1'-8"	14		1'-3"	0'-5"											
*5SE14	5	17	0'-3 3/4"	Rail	10	5'-1 1/2"	53		1'-10 1/2"	1'-4 1/4"	1'-10 1/2"										
*5SE15	5	17	0'-3 3/4"	Rail	10	6'-2"	64		1'-10 1/4"	2'-5 1/2"	1'-10 1/4"										
*4SE16	4	17	0'-3 1/8"	Trans. top	64	7'-5"	317		4'-0"	0'-5"	3'-0"										
*4SE17	4	S4	0'-3 1/8"	Trans. bot.	44	3'-2 1/2"	94	0'-8"	0'-7"	0'-8 1/2"	0'-7"	0'-8"									
SUBTOTAL							6563 LBS														
ERECTION ANCHOR BLOCK BAR LIST																					
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N	
*6DE1	6	S4	0'-4 1/2"	Trans. bot.	6	8'-2 1/2"	74	1'-0"	1'-6 3/4"	3'-1"	1'-6 3/4"	1'-0"									
*6DE2	6	S4	0'-4 1/2"	Long. bot.	6	6'-11"	62	1'-0"	1'-7"	1'-9"	1'-7"	1'-0"									
*6DE3	6	239	0'-4 1/2"	Trans. top	12	7'-3"	131	1'-0"	2'-5 1/4"	1'-6 3/4"	1'-2 3/4"	1'-0"	76°	90°	14°						
*6DE4	6	S4	0'-4 1/2"	Stirrups	2	8'-3 1/2"	25	1'-0"	2'-4"	1'-7 1/2"	2'-4"	1'-0"									
*6DE5	6	S4	0'-4 1/2"	Stirrups	2	8'-6 1/2"	26	1'-0"	2'-5 1/2"	1'-7 1/2"	2'-5 1/2"	1'-0"									
*6DE6	6	S4	0'-4 1/2"	Stirrups	2	8'-10"	27	1'-0"	2'-7 1/4"	1'-7 1/2"	2'-7 1/4"	1'-0"									
*6DE7	6	S4	0'-4 1/2"	Long. top	4	8'-11"	54	1'-0"	2'-7 3/4"	1'-7 1/2"	2'-7 3/4"	1'-0"									
SUBTOTAL							398 LBS														
BOTTOM SLAB BLISTER BAR LIST																					
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N	
*6LE1	6	17	0'-4 1/2"	Long. bot.	6	10'-2 1/2"	92		9'-8"	0'-6 1/2"											
*5LE2	5	249	0'-3 3/4"	Long. bot.	8	10'-11"	91	0'-10"	2'-0"	7'-3 1/4"	0'-10"	77°	90°	13°							
*5LE3	5	STR		Long. bot.	8	6'-5 1/2"	54		6'-5 1/2"												
*5LE4	5	STR		Long. bot.	8	4'-3 1/2"	36		4'-3 1/2"												
*6LE5	6	755	0'-4 1/2"		2	6'-7"	254	1'-0"	2'-6 1/4"	2'-0 3/4"	1'-0"	0'-11 3/4"								76°	
					sets to of 15 at 0'-1" incr.	5'-6 1/2"			to 2'-10 1/4" at 0'-0" incr.	0'-8 1/4"											
*6LE6	6	1031	0'-4 1/2"	Trans. bot.	6	8'-11 1/2"	81	0'-3"	2'-11"	1'-4 3/4"	2'-7"	0'-3"	1'-0"	1'-0"	1'-0"	1'-0"					
*6LE7	6	101	0'-4 1/2"	Trans. bot.	2	6'-4"	176	1'-0"	1'-6 1/4"	1'-3 3/4"	1'-6 1/4"	1'-0"									
					sets to of 12 at 0'-2" incr.	4'-8 1/2"			to 0'-8 1/4" at 0'-1" incr.	0'-8 1/4"											
SUBTOTAL							827 LBS														



U.S. DEPARTMENT OF TRANSPORTATION
 FEDERAL HIGHWAY ADMINISTRATION
 EASTERN FEDERAL LANDS HIGHWAY DIVISION

BLUE RIDGE PARKWAY

BRIDGE OVER I-26

SEGMENT 2-9D
 BAR LIST

NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC	CC	LE	No Scale	George Choubah	133 of 228	December 2018	BRP-1265