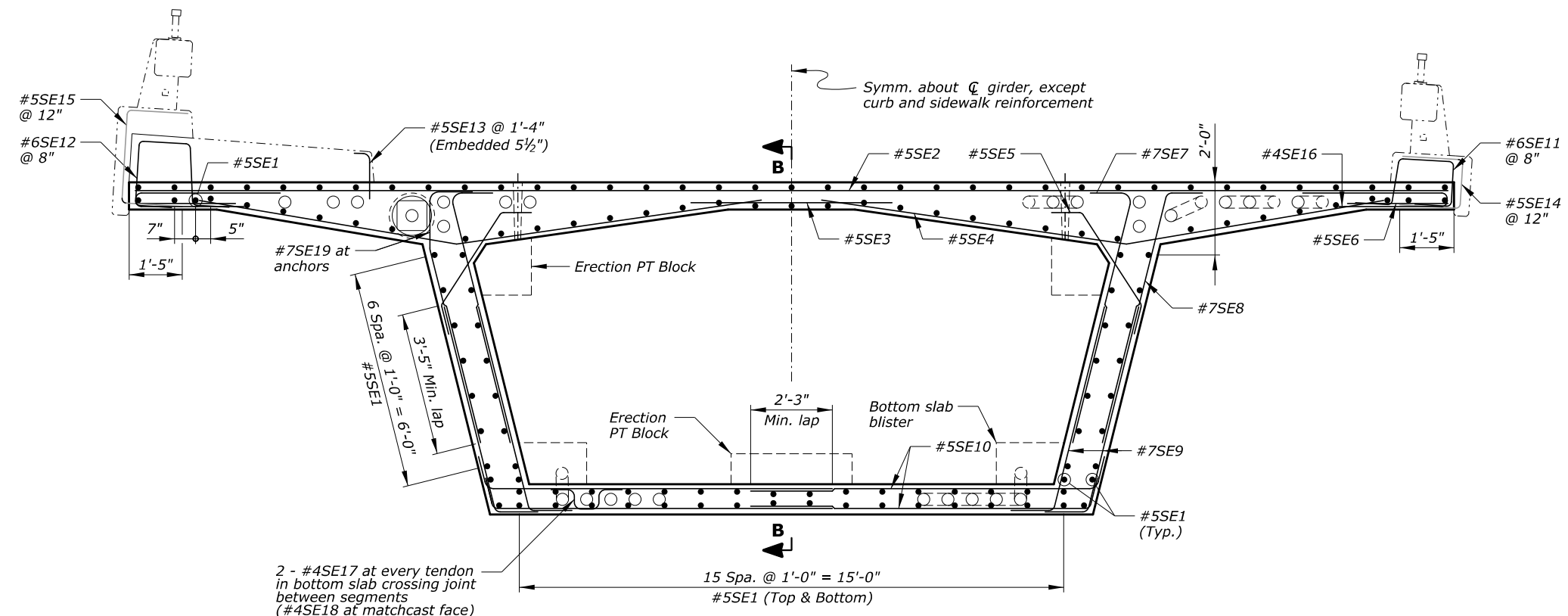


**This electronic collection of documents is provided  
for the convenience of the user  
and is Not a Certified Document –**

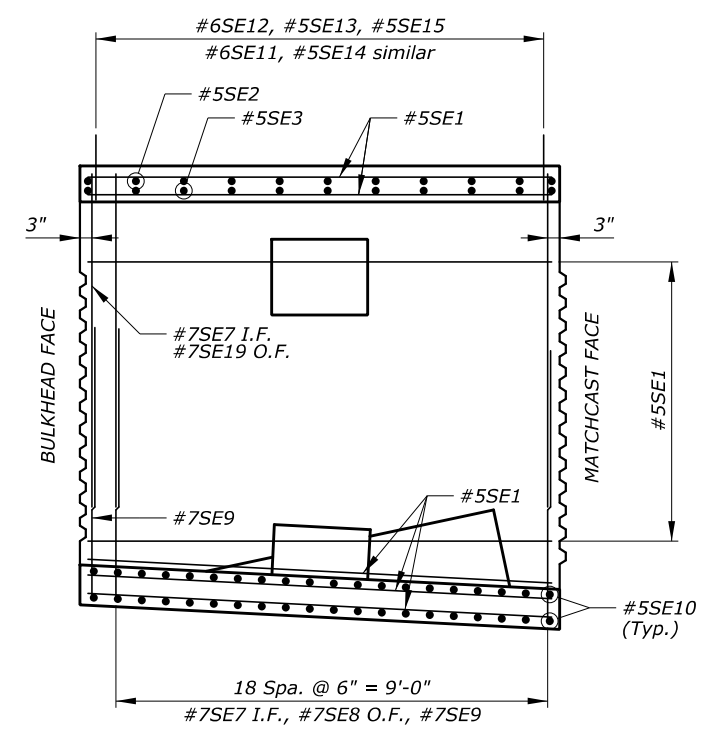
**The documents contained herein were originally issued  
and sealed by the individuals whose names and license  
numbers appear on each page, on the dates appearing  
with their signature on that page.**

**This file or an individual page  
shall not be considered a certified document.**

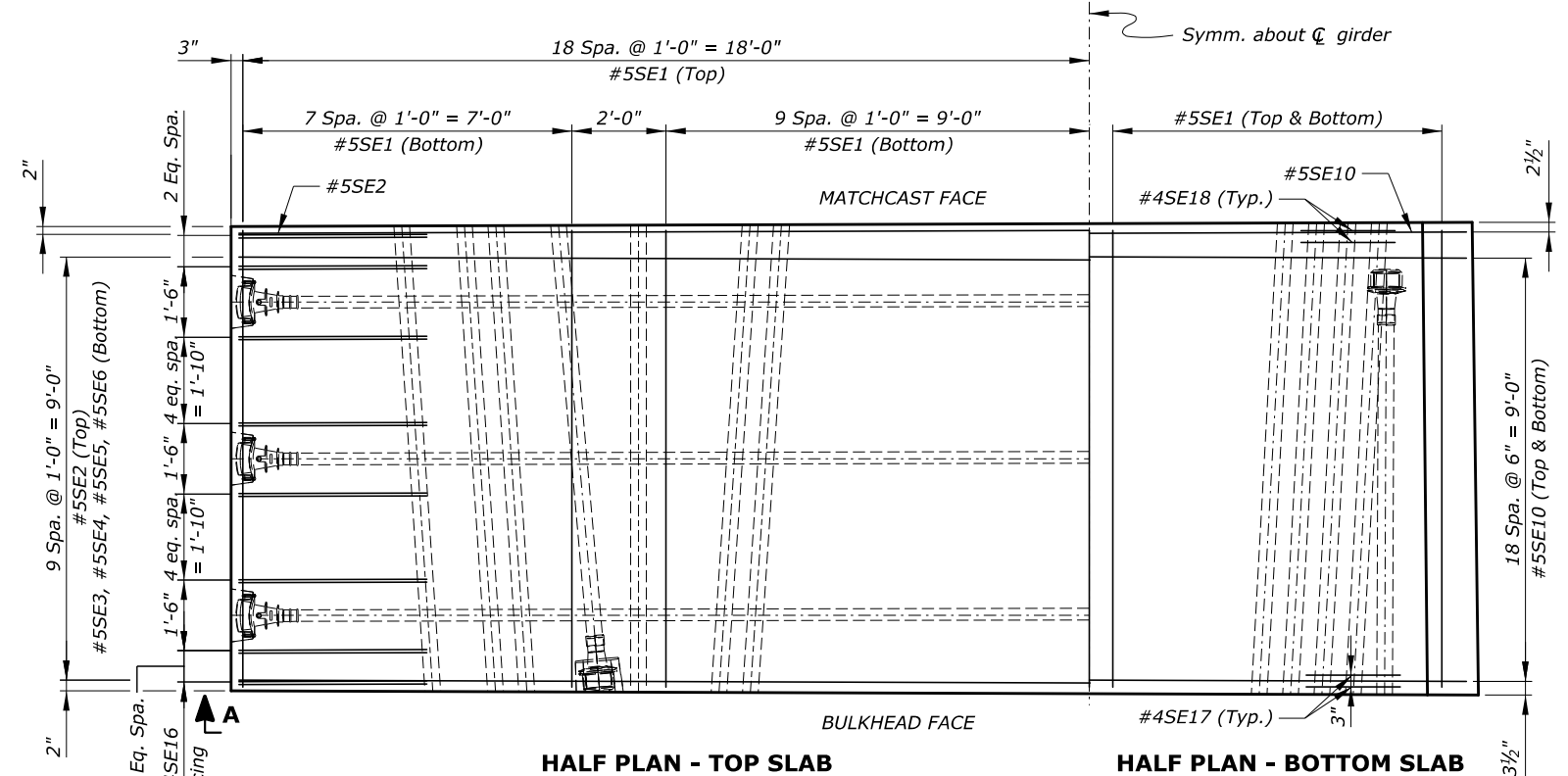
STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R134



**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

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

**BLUE RIDGE PARKWAY**

BRIDGE OVER I-26

**SEGMENT 2-8D REINFORCEMENT**

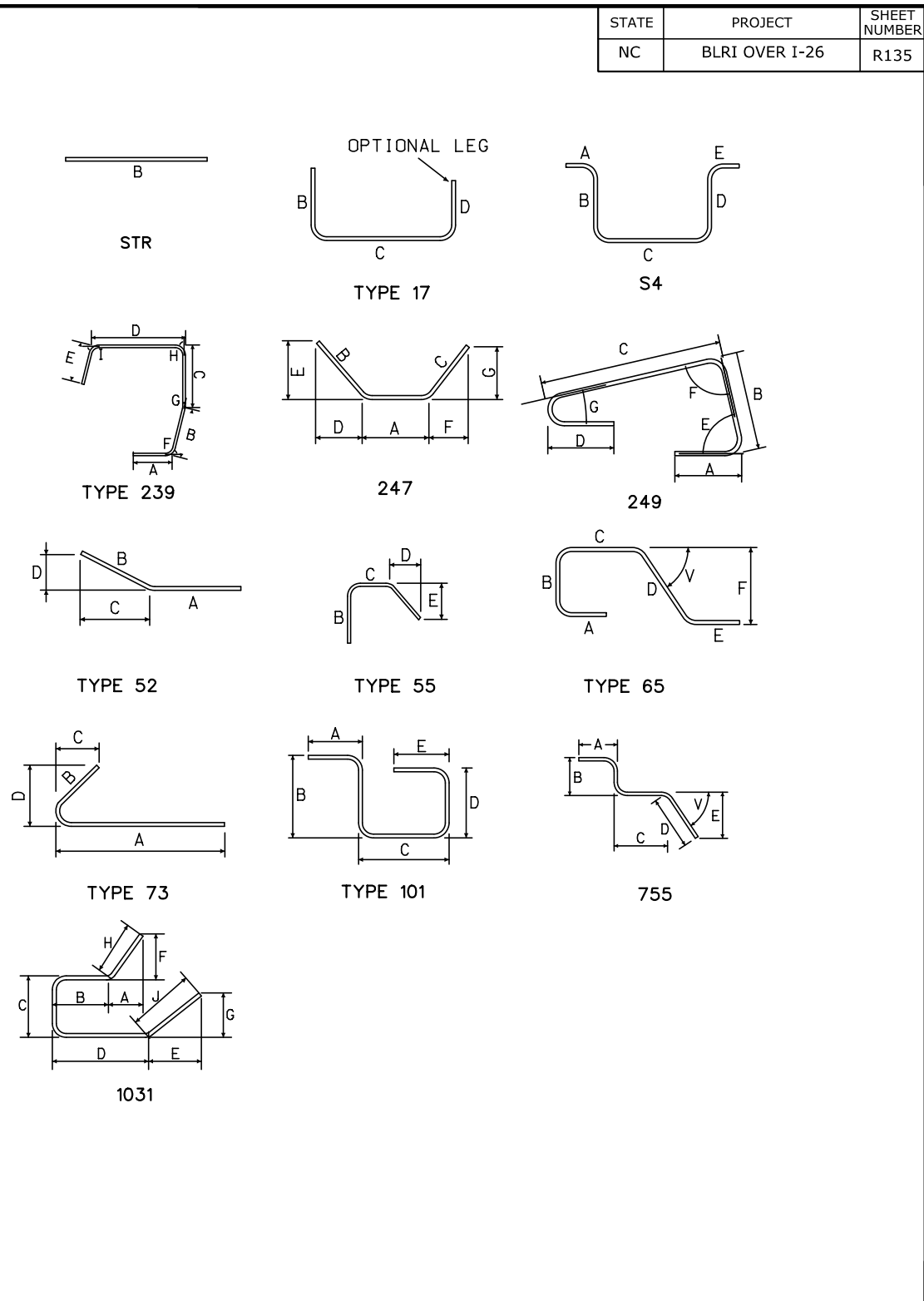
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC/CWN	BK/CC	HC	½" = 1'-0"	George Choubah	134 of 228	December 2018	BRP-1265

ACTUAL FILE:R135\_BLR1\_I26\_SEGMENT 2-8D BAR LIST.DGN

M:\PROJECTS\STATE\_DOT\NC\brl\_r126\_nepa\Bridges\Microstation\Bridg Design Files\NO\_PROJECTS.dgn

14-Dec-2018 12:20 PM

REINFORCING STEEL SCHEDULE				DIMENSION TABLE																	
SEGMENT 2-8D 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.	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 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

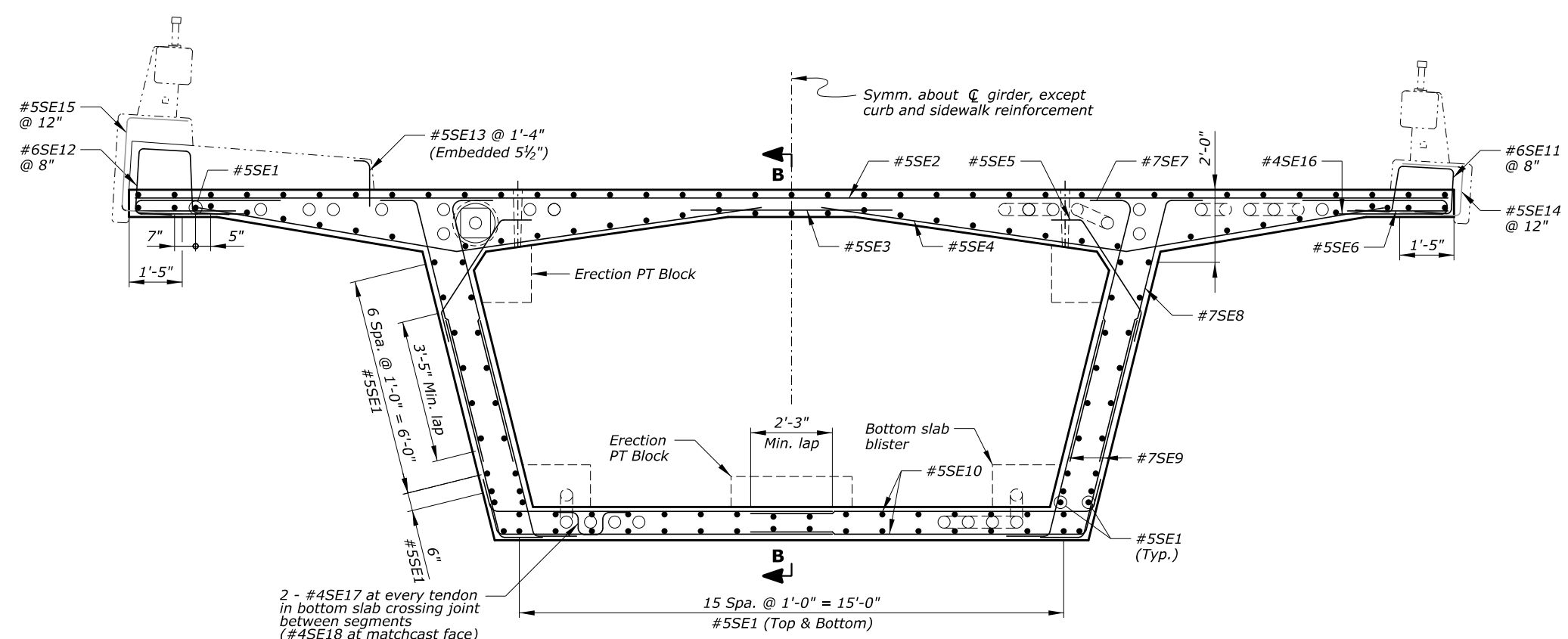
BLUE RIDGE PARKWAY

BRIDGE OVER I-26

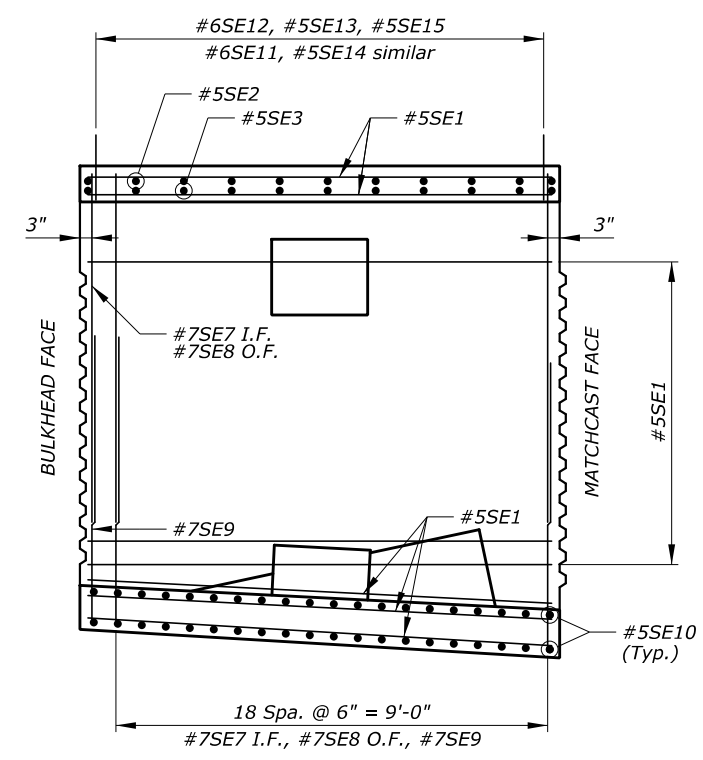
SEGMENT 2-8D  
 BAR LIST

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	135 of 228	December 2018	BRP-1265

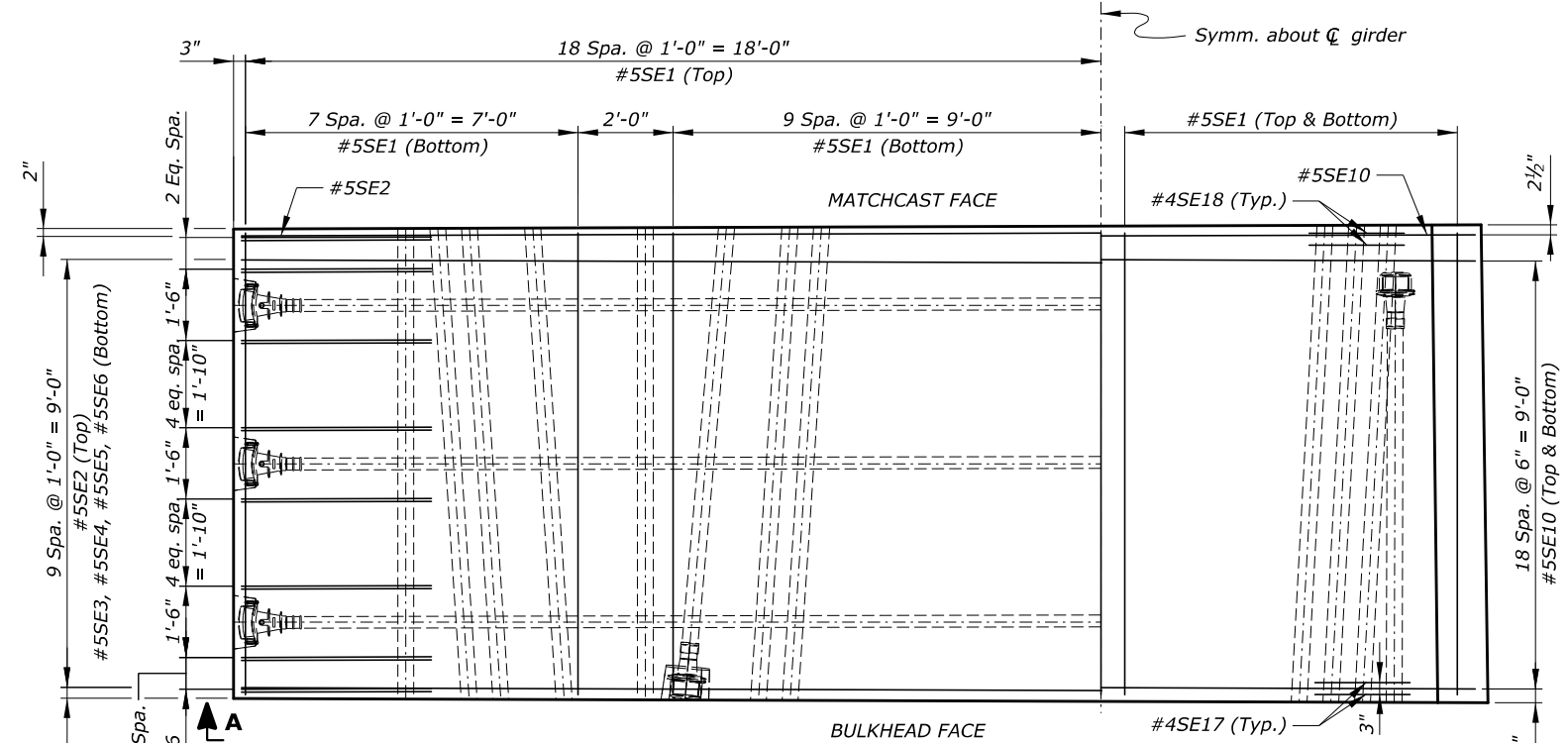
STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R136



**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 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 2-7D REINFORCEMENT**

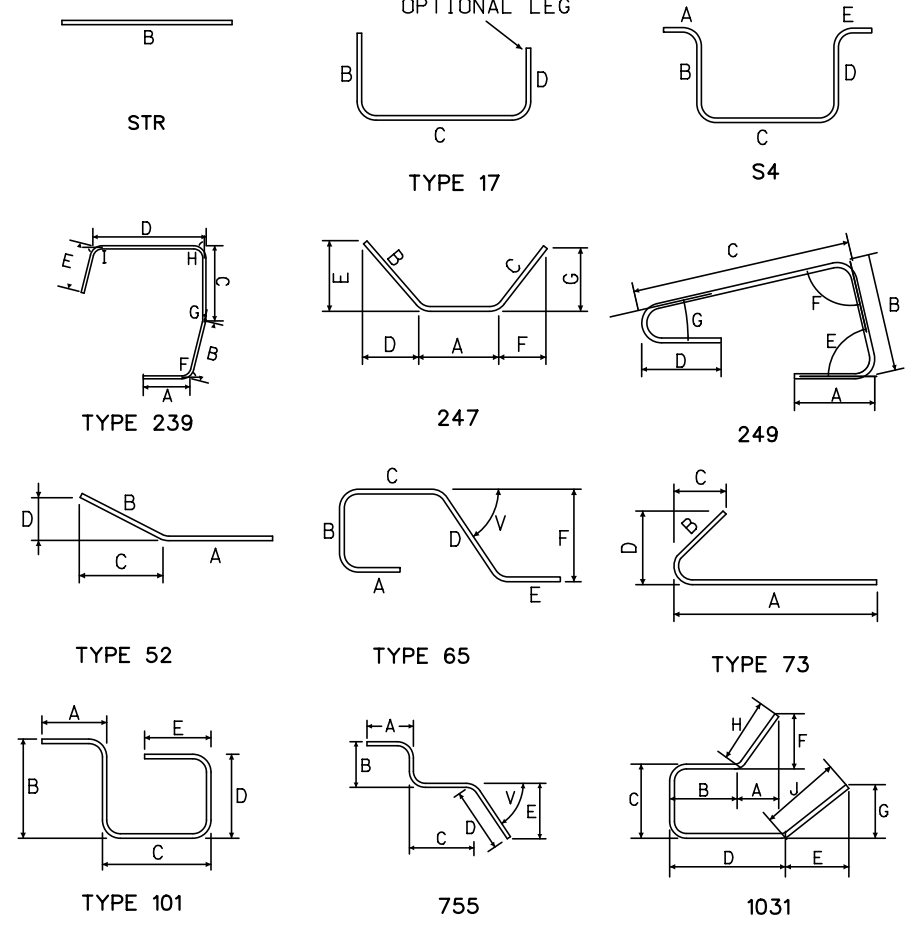
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC/CWN	BK/CC	HC	1/2" = 1'-0"	George Choubah	136 of 228	December 2018	BRP-1265

ACTUAL FILE:R137\_BLR1\_I26\_SEGMENT 2-7D BAR LIST.DGN

M:\PROJECTS\STATE\_DOT\NC\brl\_126\_nepa\bridge\microstation\bridge Design Files\0\_PROJECTS.dgn

14-Dec-2018 12:20 PM

REINFORCING STEEL SCHEDULE				DIMENSION TABLE																
SEGMENT 2-7D 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 at 0'-1" incr.				to to 2'-10 1/4" at 0'-0" 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 at 0'-2" incr.				to to 0'-9 1/4" at 0'-1" incr.											
SUBTOTAL							847	LBS												



STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R137

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

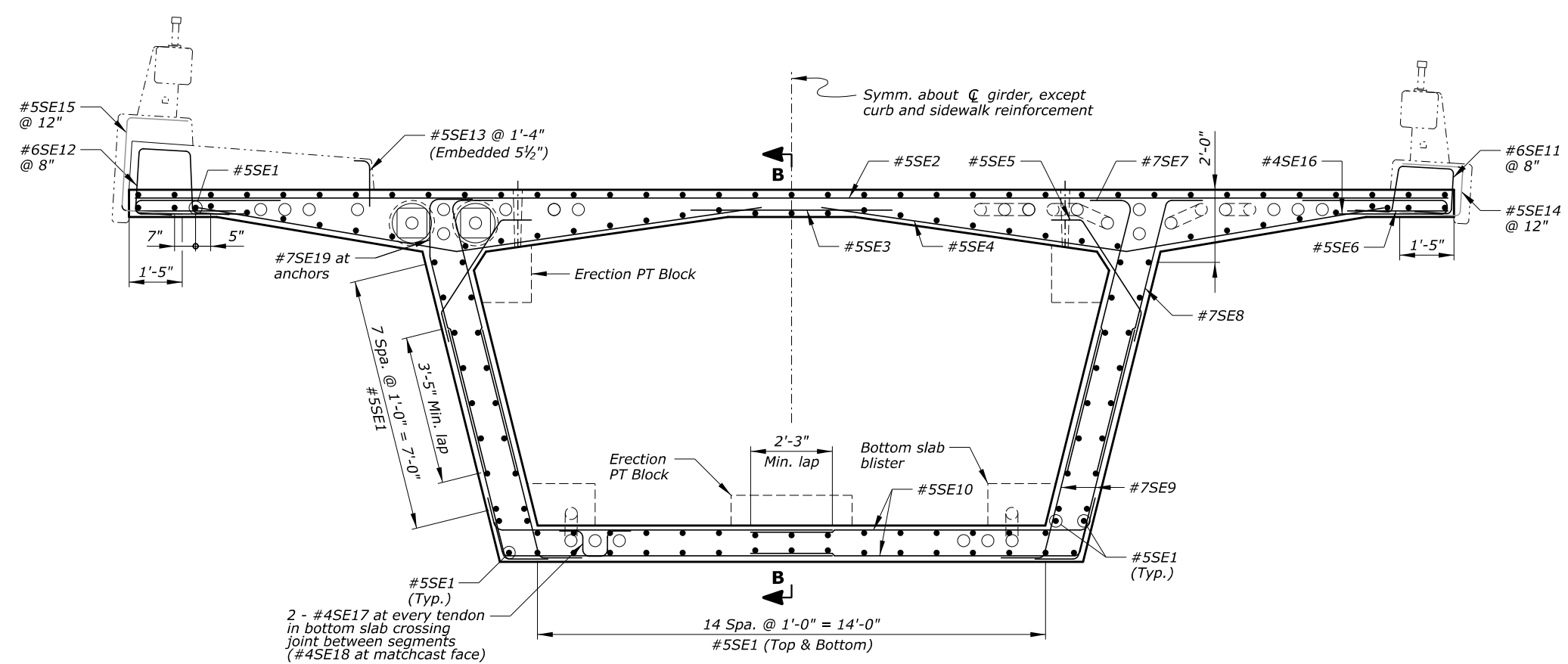
BLUE RIDGE PARKWAY

BRIDGE OVER I-26

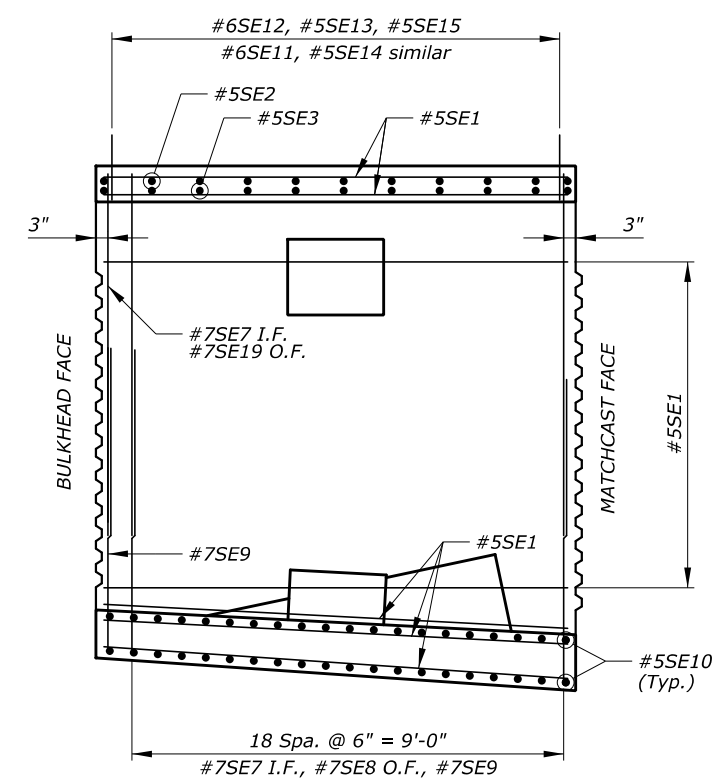
SEGMENT 2-7D  
 BAR LIST

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	137 of 228	December 2018	BRP-1265

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R138



**SECTION A-A**  
Looking upstation



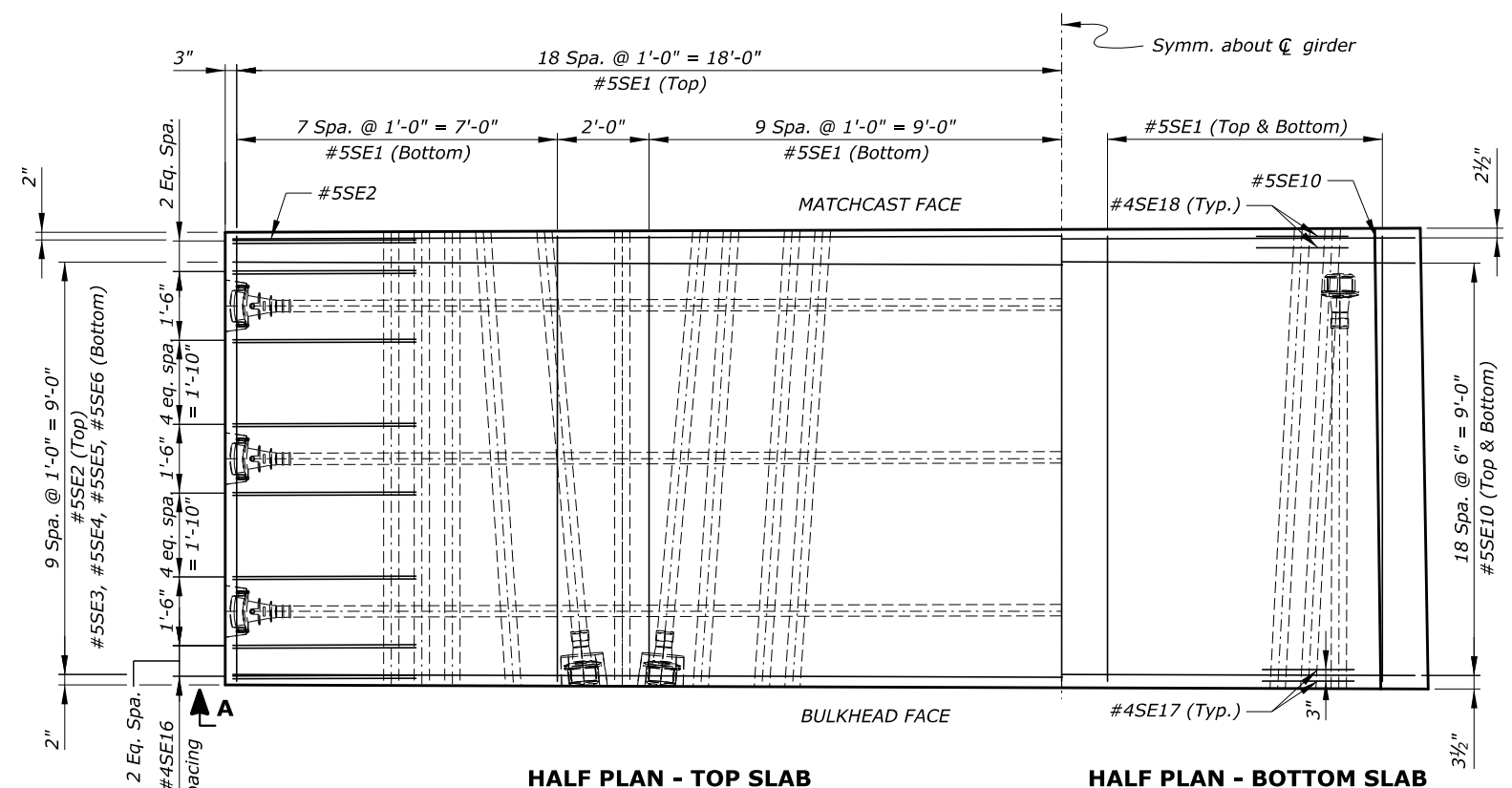
**SECTION B-B**

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.

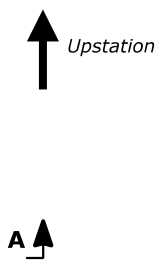
Key:

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



**HALF PLAN - TOP SLAB**

**HALF PLAN - BOTTOM SLAB**



U.S. DEPARTMENT OF TRANSPORTATION  
 FEDERAL HIGHWAY ADMINISTRATION  
 EASTERN FEDERAL LANDS HIGHWAY DIVISION  
**BLUE RIDGE PARKWAY**  
 BRIDGE OVER I-26  
**SEGMENT 2-6D REINFORCEMENT**

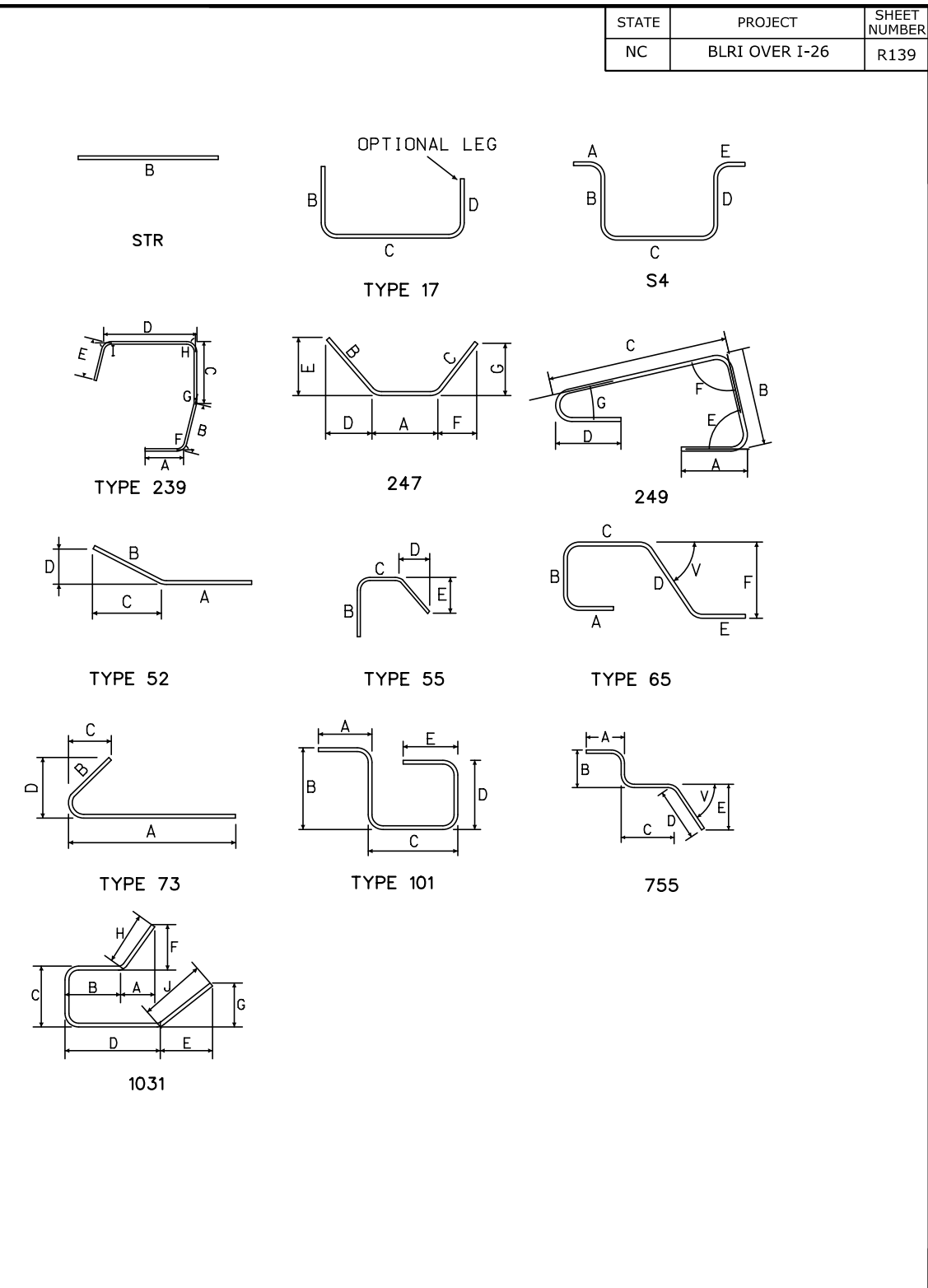
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC/CWN	BK/CC	HC	½" = 1'-0"	George Choubah	138 of 228	December 2018	BRP-1265

ACTUAL FILE:R139\_BLR1\_I26\_SEGMENT 2-6D BAR LIST.DGN

M:\PROJECTS\STATE\_DOT\NC\brl\_126\_nepa\Bridges\Microstation\Bridg Design Files\0\_PROJECTS.dgn

14-Dec-2018 12:21 PM

REINFORCING STEEL SCHEDULE				DIMENSION TABLE																	
SEGMENT 2-6D 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													



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

BLUE RIDGE PARKWAY

BRIDGE OVER I-26

SEGMENT 2-6D  
 BAR LIST

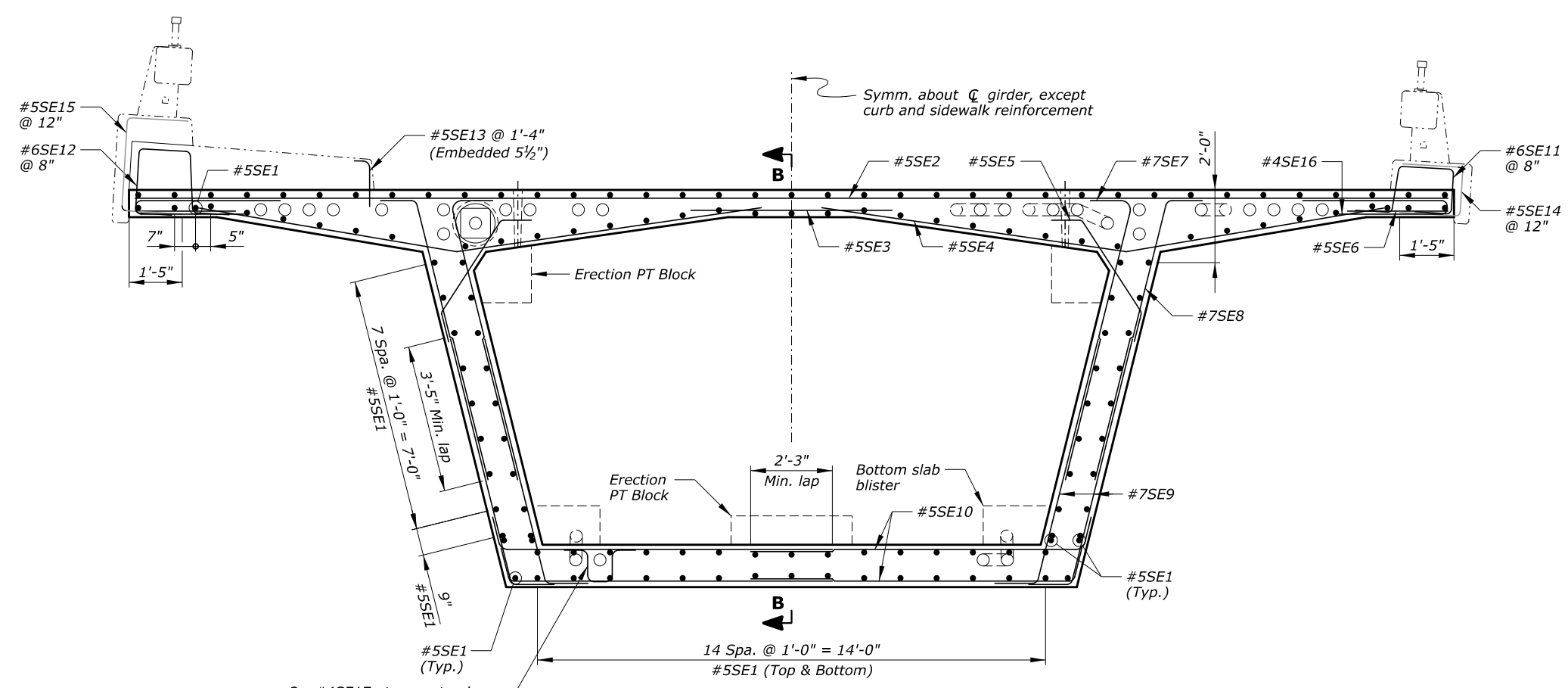
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC	CC	LE	No Scale	George Choubah	139 of 228	December 2018	BRP-1265

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R140

ACTUAL FILE: R140\_BLR1\_I26\_SEGMENT 2-5D REINF. DGN

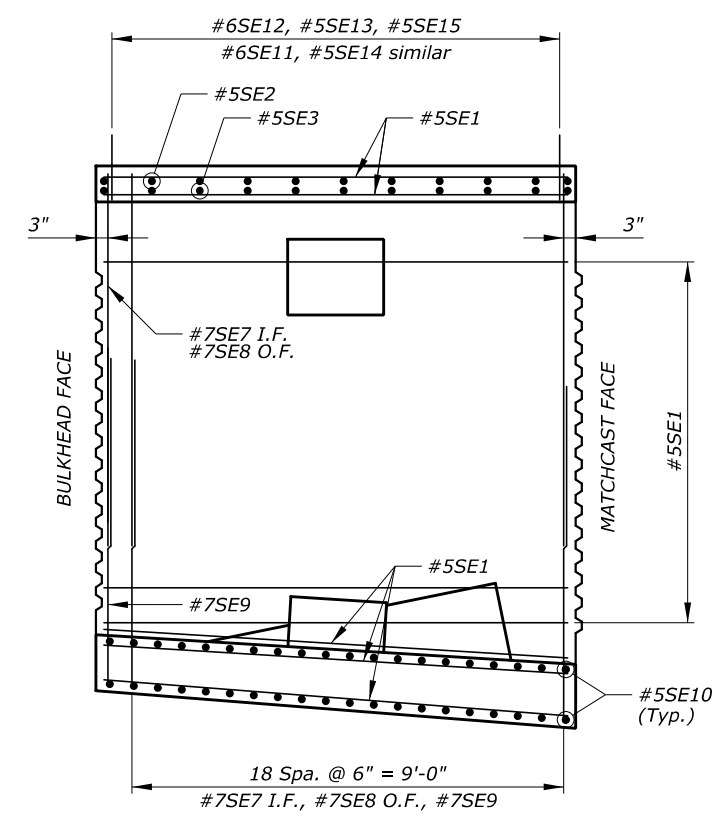
M:\PROJECTS\STATE\_DOT\NC\brl\_126\_nepa\bridge\microstation\bridge Design Files\NO\_OP\PROJECTS.dgn

14-Dec-2018 12:21 PM



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

**SECTION A-A**  
Looking upstation



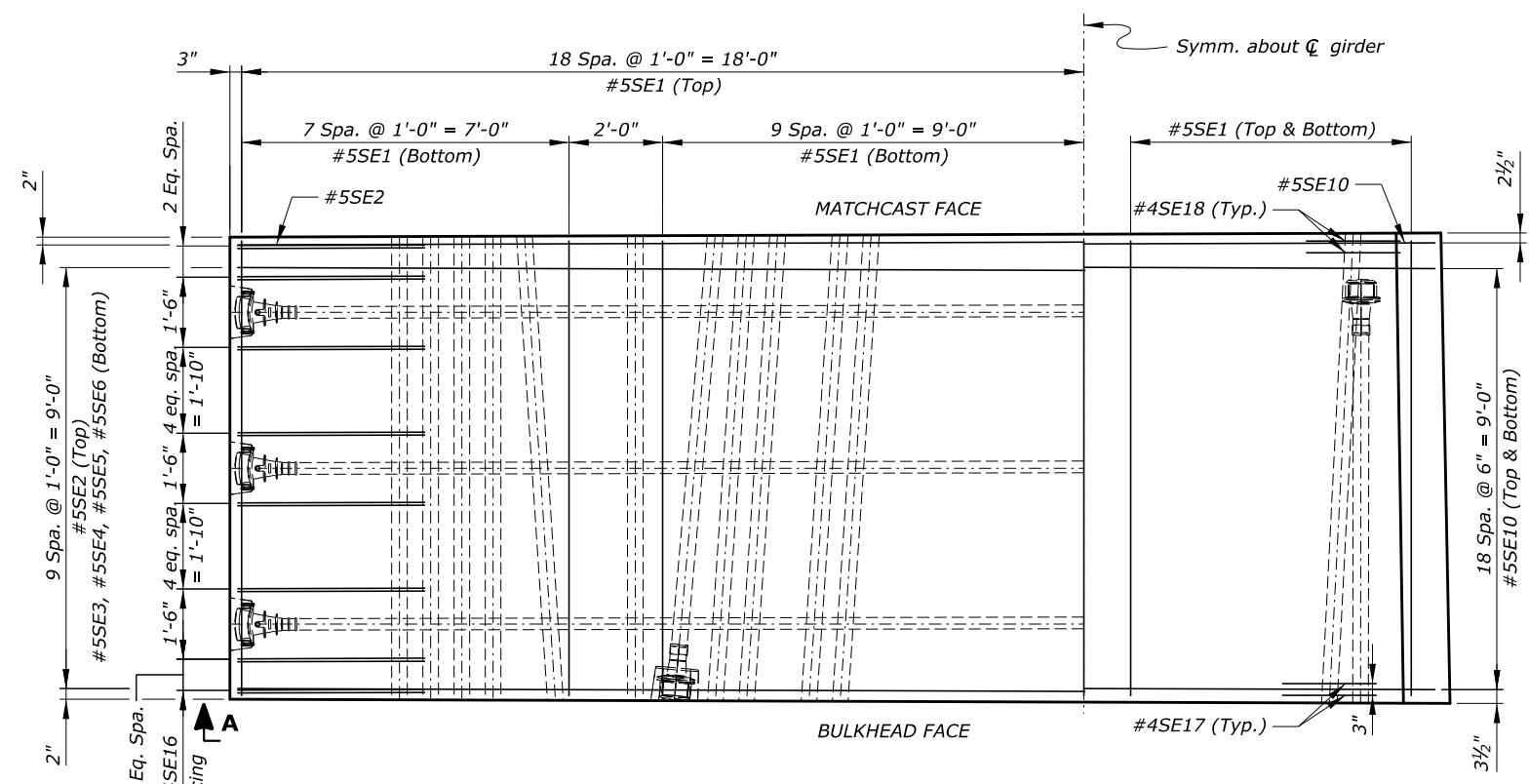
**SECTION B-B**

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 "ERECTOR ANCHOR BLOCK" sheet.
4. For information on reinforcement in the bottom slab blister, see "BOTTOM SLAB BLISTER" sheet.

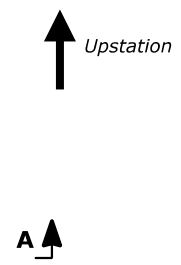
Key:

- 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 2-5D 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	140 of 228	December 2018	BRP-1265

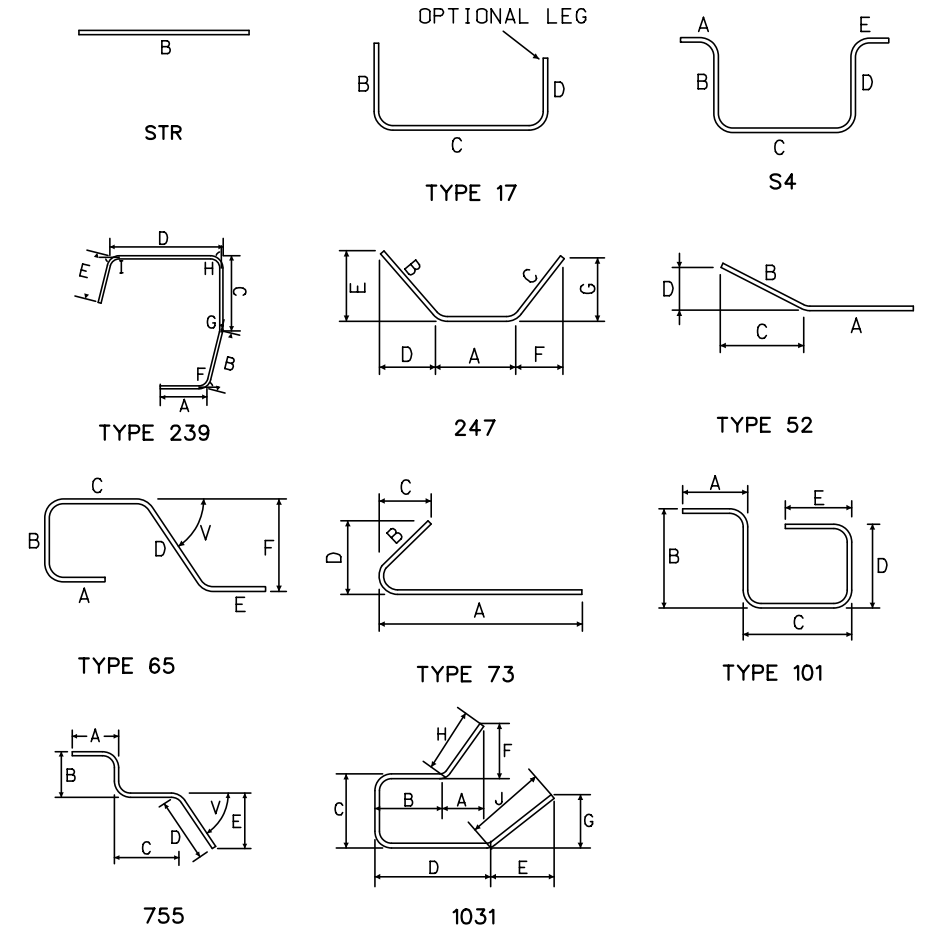


ACTUAL FILE: R141\_BLR1\_I26\_SEGMENT 2-5D BAR LIST.DGN

M:\PROJECTS\STATE\_DOT\NC\brl\_126\_nepa\bridge\microstation\bridge Design Files\0\_PROJECTS.dgn

14-Dec-2018 12:21 PM

REINFORCING STEEL SCHEDULE				DIMENSION TABLE																	
SEGMENT 2-5D 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

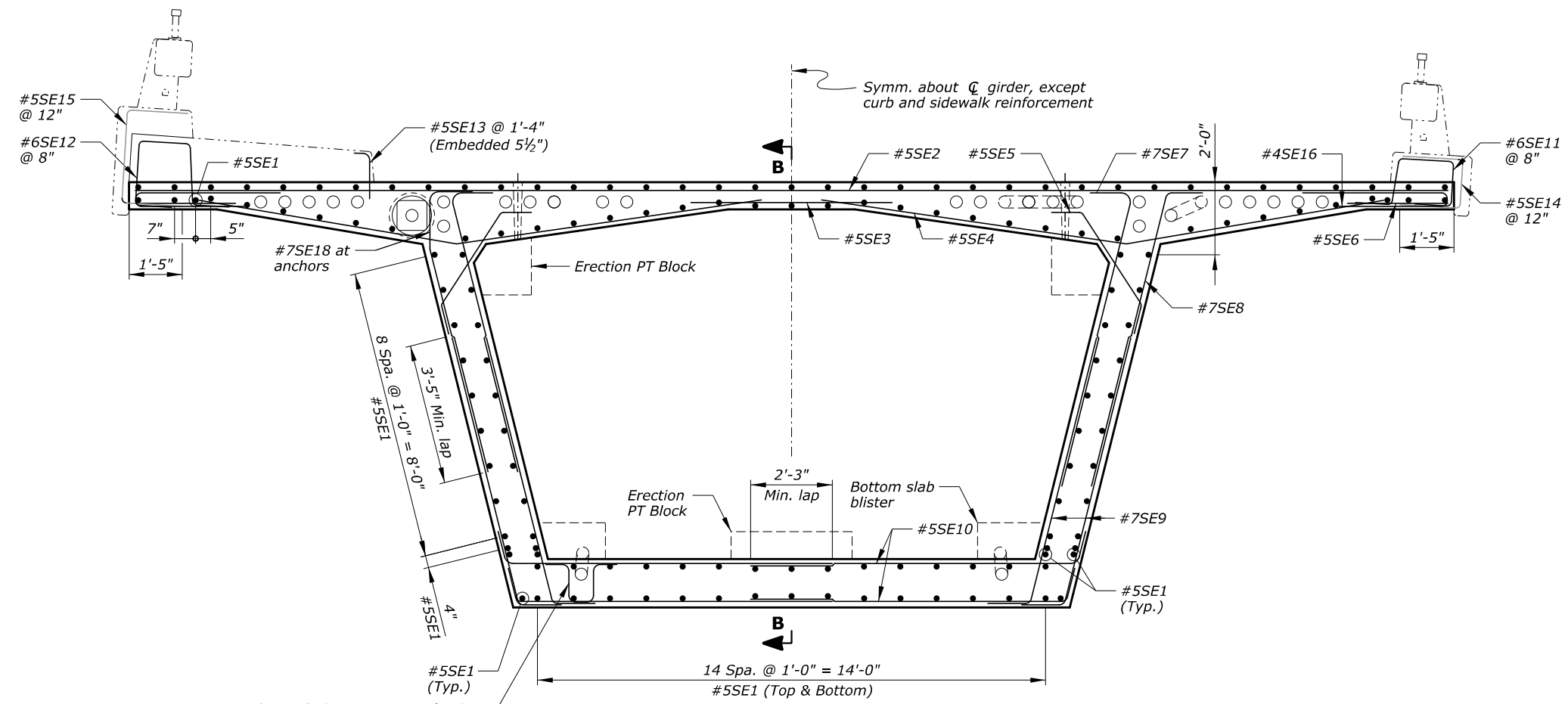
BLUE RIDGE PARKWAY

BRIDGE OVER I-26

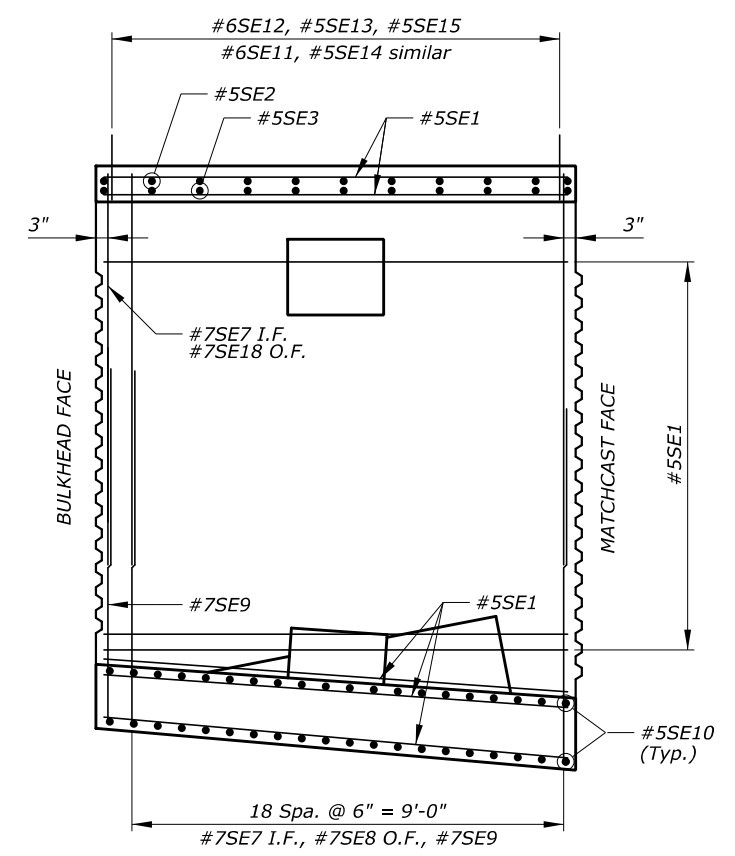
SEGMENT 2-5D  
 BAR LIST

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	141 of 228	December 2018	BRP-1265

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R142



**SECTION A-A**  
Looking upstation



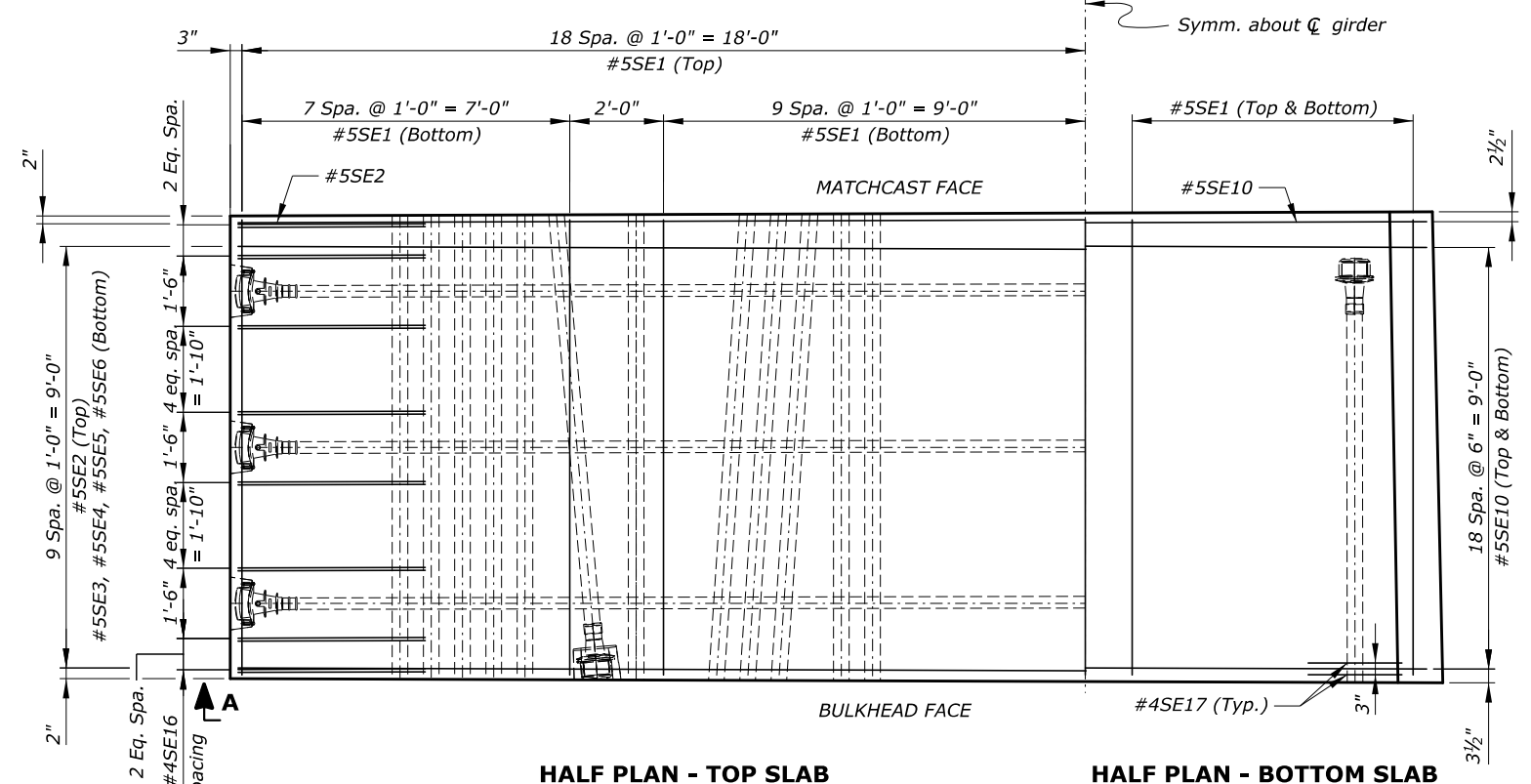
**SECTION B-B**

**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.

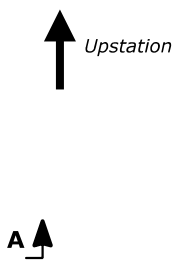
**Key:**

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



**HALF PLAN - TOP SLAB**

**HALF PLAN - BOTTOM SLAB**



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

**BLUE RIDGE PARKWAY**

BRIDGE OVER I-26

**SEGMENT 2-4D REINFORCEMENT**

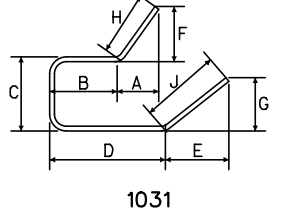
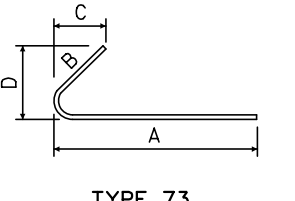
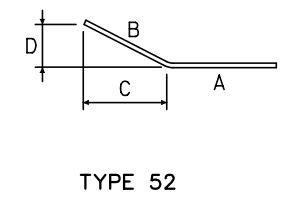
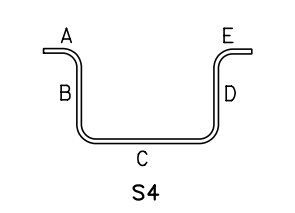
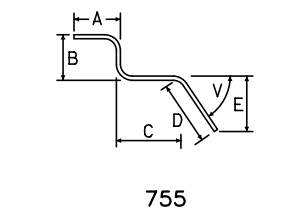
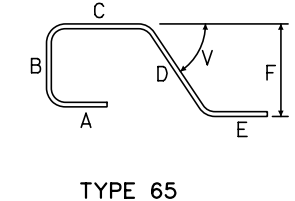
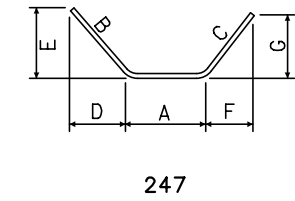
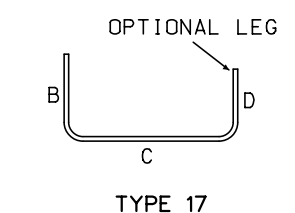
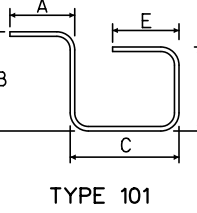
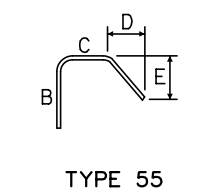
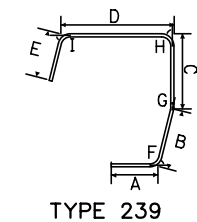
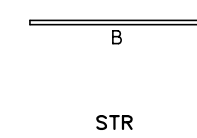
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC/CWN	BK/CC	HC	½" = 1'-0"	George Choubah	142 of 228	December 2018	BRP-1265

ACTUAL FILE:R143\_BLR1\_I26\_SEGMENT 2-4D BAR LIST.DGN

M:\PROJECTS\STATE\_DOT\NC\brl\_126\_nepa\bridge\microstation\bridge Design Files\0\_PROJECTS.dgn

14-Dec-2018 12:21 PM

REINFORCING STEEL SCHEDULE				DIMENSION TABLE																	
SEGMENT 2-4D 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	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.				to to 2'-10 1/4" at 0'-0" 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	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.				to to 1'-0 1/4" at 0'-1" incr.												
SUBTOTAL							923 LBS														



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

BLUE RIDGE PARKWAY

BRIDGE OVER I-26

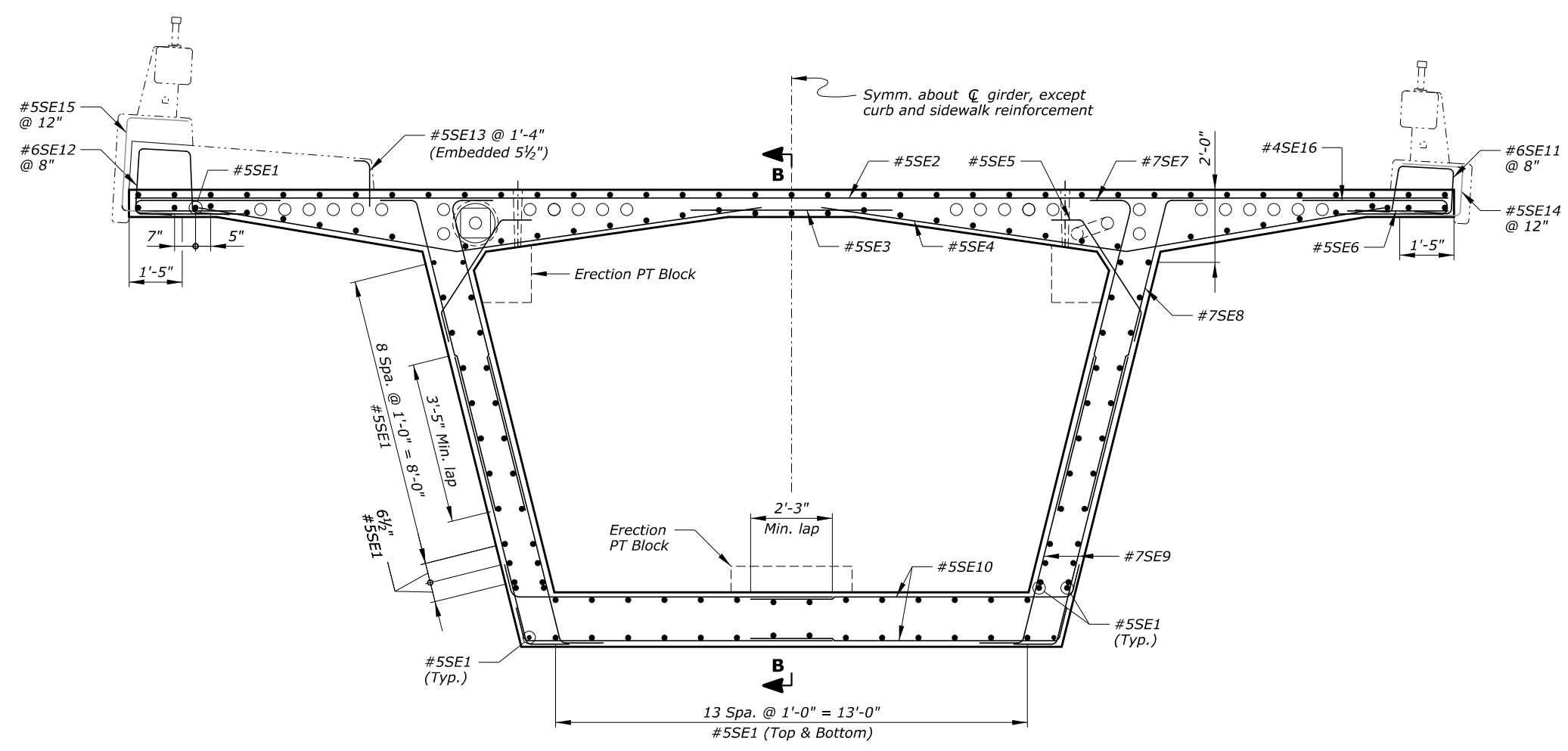
SEGMENT 2-4D  
 BAR LIST

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	143 of 228	December 2018	BRP-1265

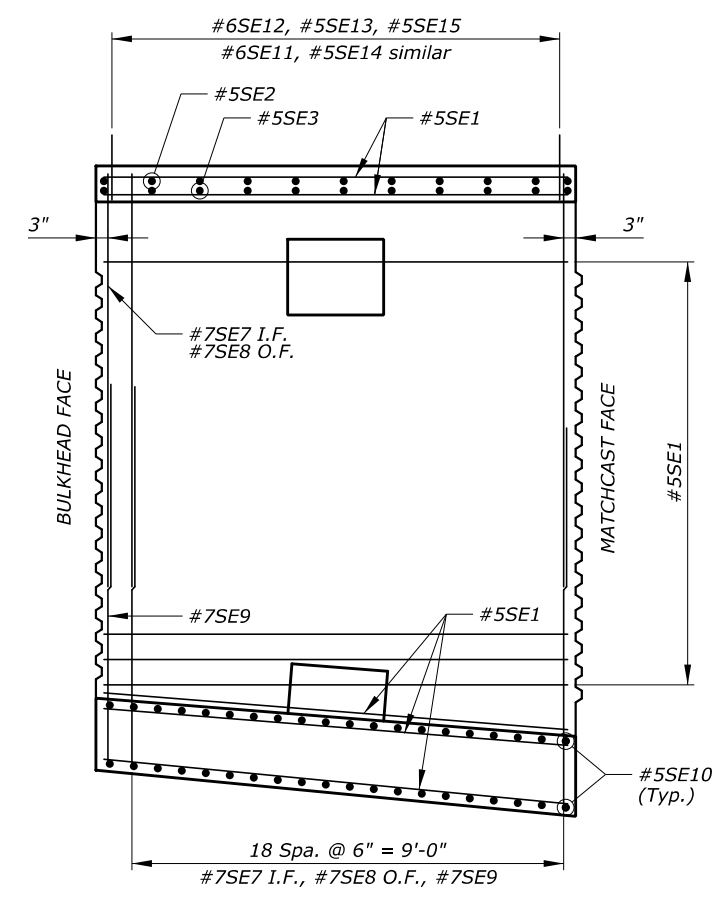
ACTUAL FILE: R144\_BLR1\_I26\_SEGMENT 2-3D REINF. DGN

M:\PROJECTS\STATE\_DOT\NC\brl\_126\_nepa\Bridges\Microstation\Bridges Design Files\NO\_PROJECTS.dgn

14-Dec-2018 12:21 PM



**SECTION A-A**  
Looking upstation



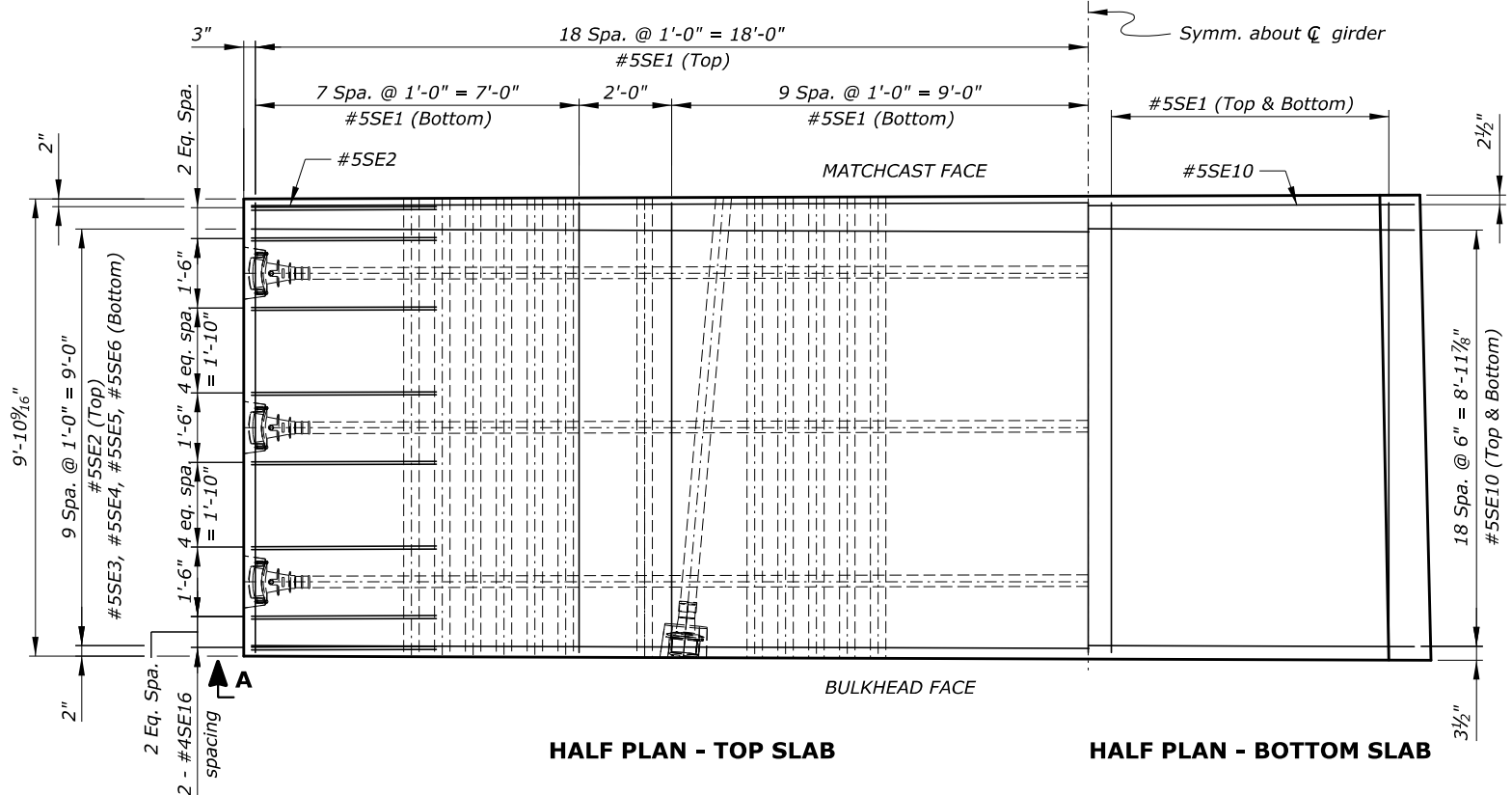
**SECTION B-B**

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 2-3D REINFORCEMENT**

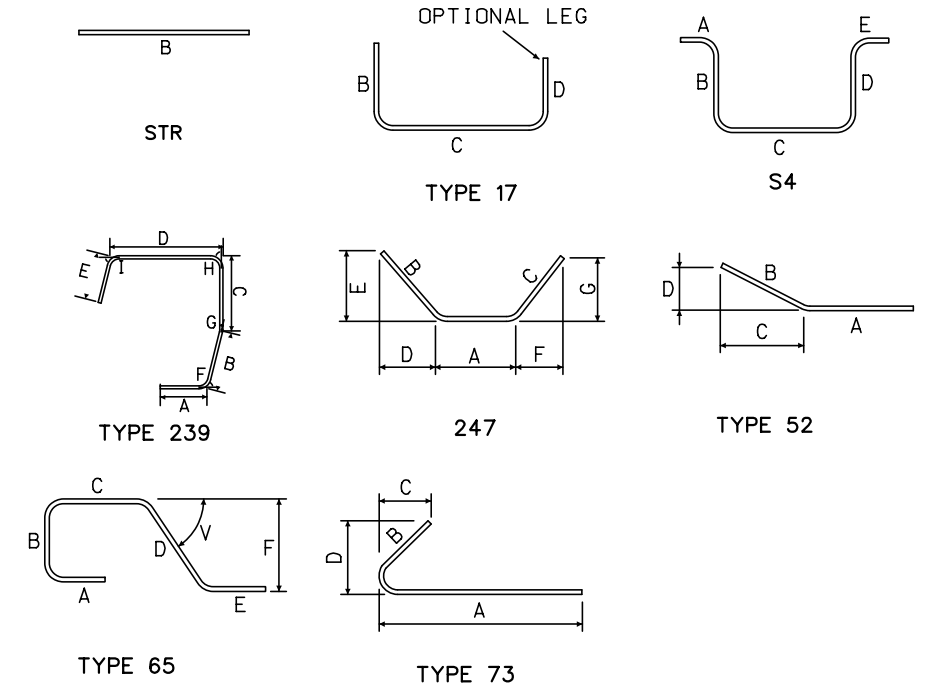
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC/CWN	BK/CC	HC	½" = 1'-0"	George Choubah	144 of 228	December 2018	BRP-1265

ACTUAL FILE:R145\_BLR1\_I26\_SEGMENT 2-3D BAR LIST.DGN

M:\PROJECTS\STATE\_DOT\NC\brl\_126\_nepa\Bridges\Microstation\Bridges Design Files\NO\_OP\PROJECTS.dgn

14-Dec-2018 12:21 PM

REINFORCING STEEL SCHEDULE				DIMENSION TABLE																	
SEGMENT 2-3D 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													



STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R145

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

BLUE RIDGE PARKWAY

BRIDGE OVER I-26

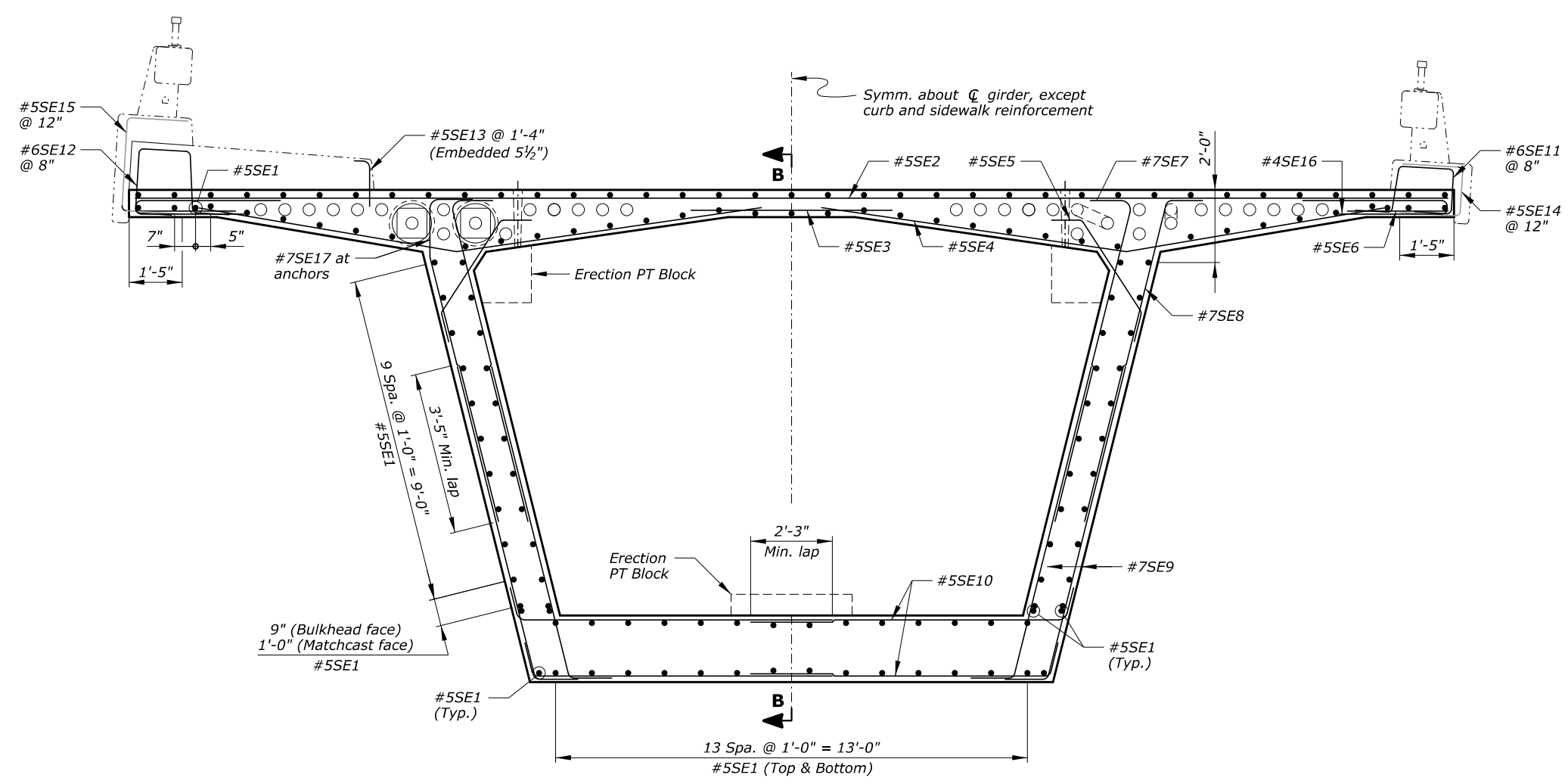
SEGMENT 2-3D  
 BAR LIST

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	145 of 228	December 2018	BRP-1265

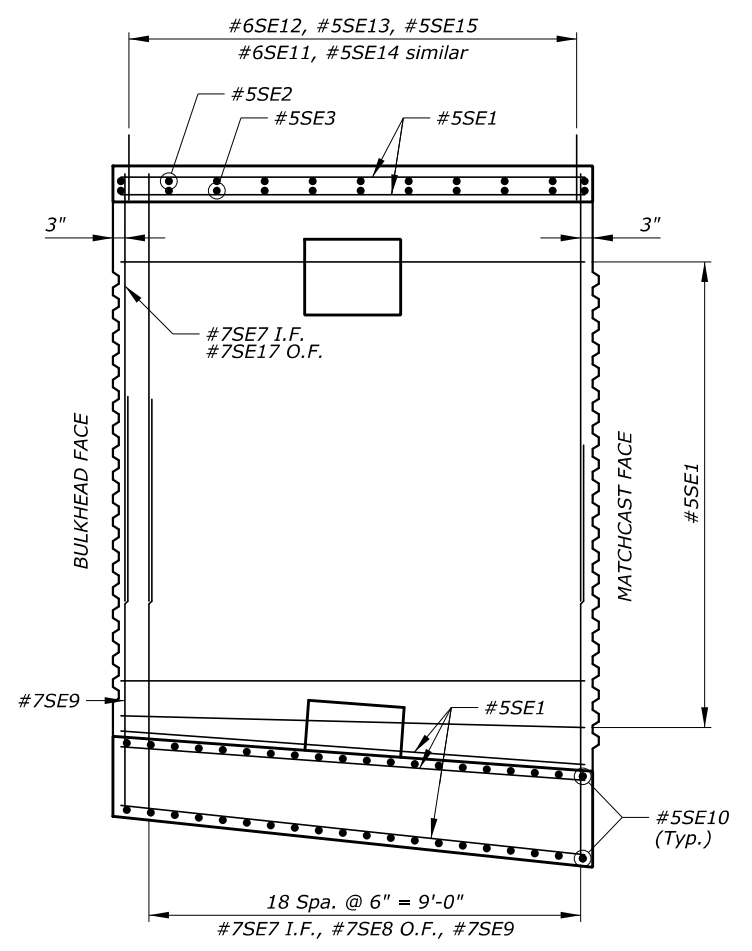
ACTUAL FILE: R146\_BLR1\_I26\_SEGMENT 2-2D REINF. DGN

M:\PROJECTS\STATE\_DOT\NC\brl\_126\_nepa\bridge\microstation\bridge Design Files\NO\_OP\PROJECTS.dgn

14-Dec-2018 12:21 PM



**SECTION A-A**  
Looking upstation



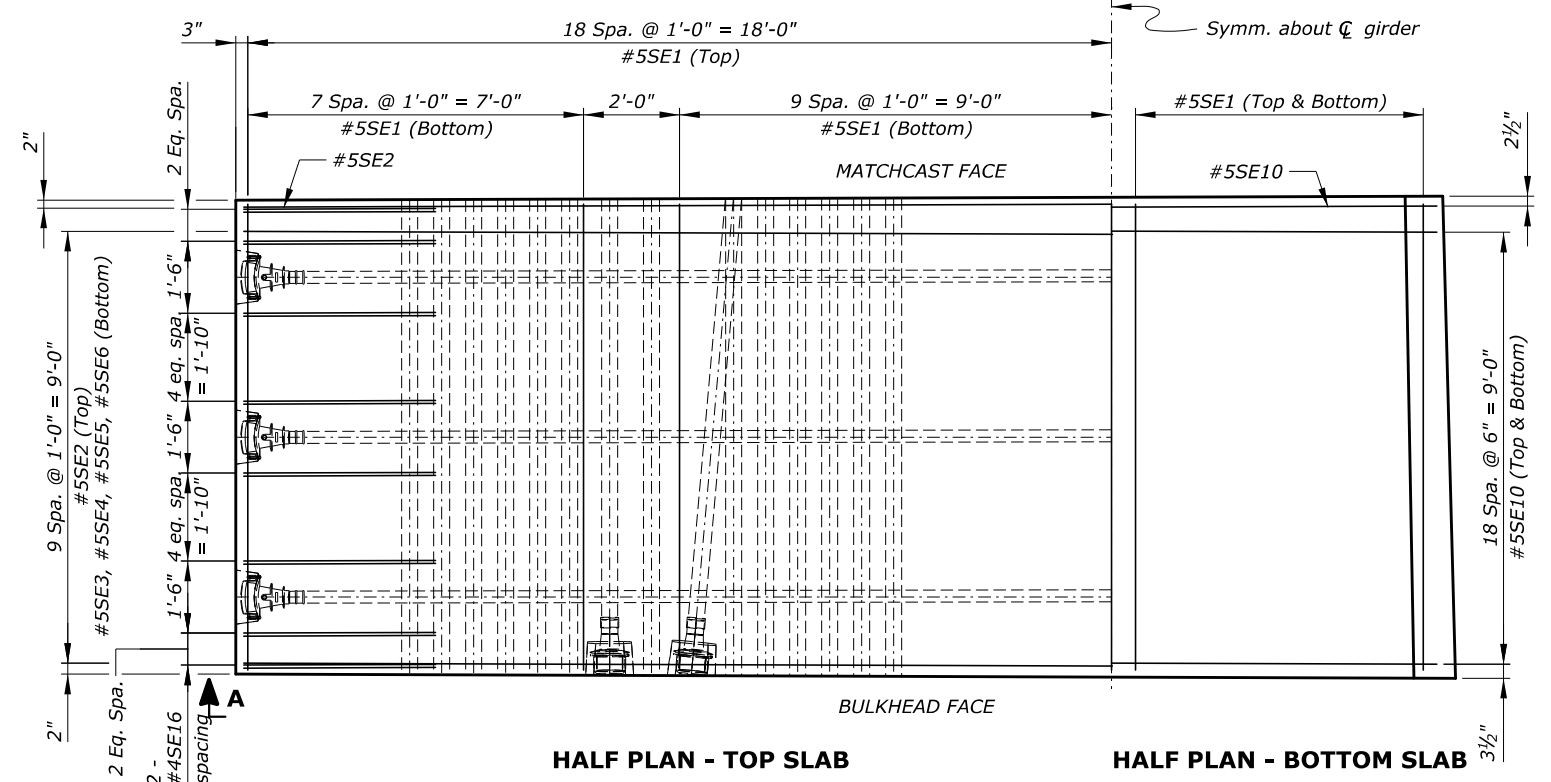
**SECTION B-B**

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 2-2D REINFORCEMENT**

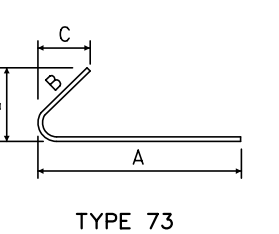
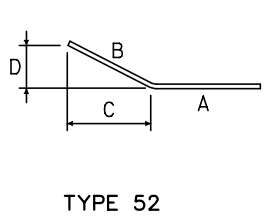
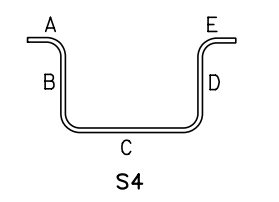
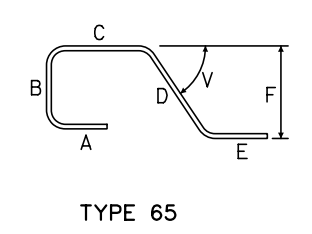
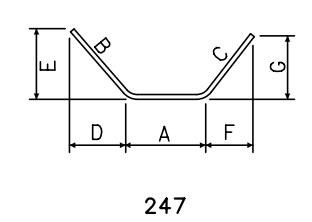
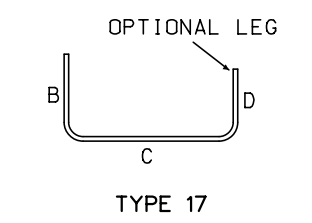
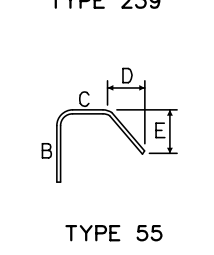
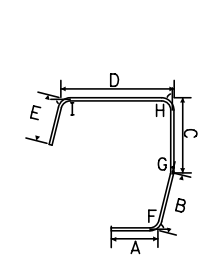
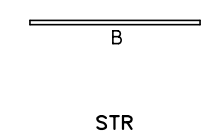
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC/CWN	BK/CC	HC	½" = 1'-0"	George Choubah	146 of 228	December 2018	BRP-1265

ACTUAL FILE: R147\_BLR1\_I26\_SEGMENT 2-2D BAR LIST.DGN

M:\PROJECTS\STATE\_DOT\NC\brl\_126\_nepa\Bridges\Microstation\Bridges Design Files\NO\_OP\PROJECTS.dgn

14-Dec-2018 12:21 PM

REINFORCING STEEL SCHEDULE				DIMENSION TABLE																	
SEGMENT 2-2D 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 2-2D  
 BAR LIST

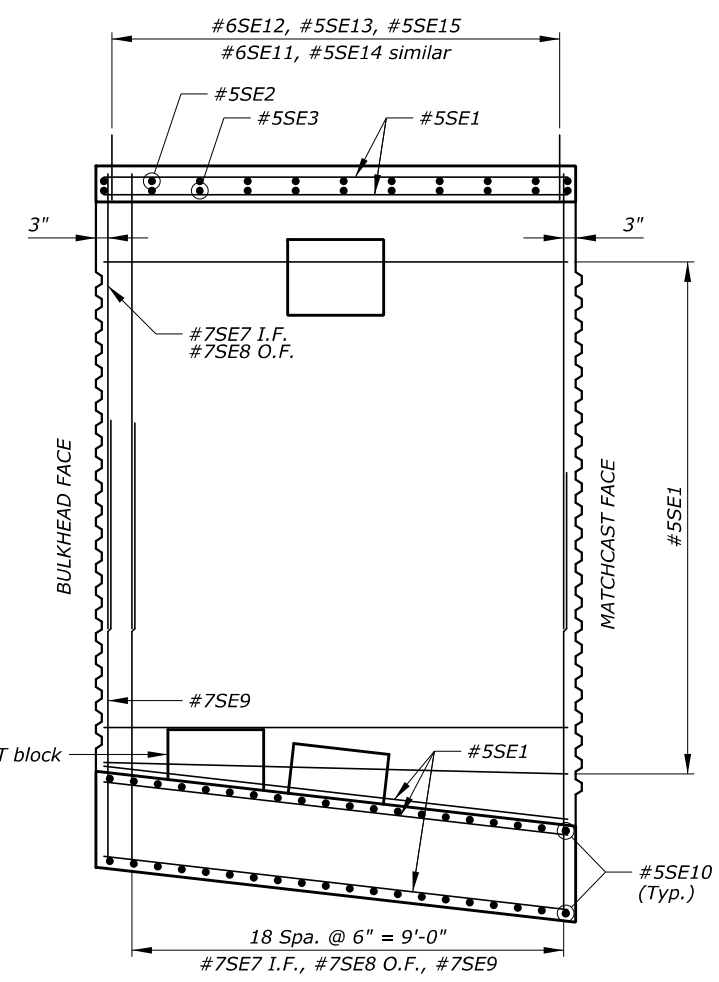
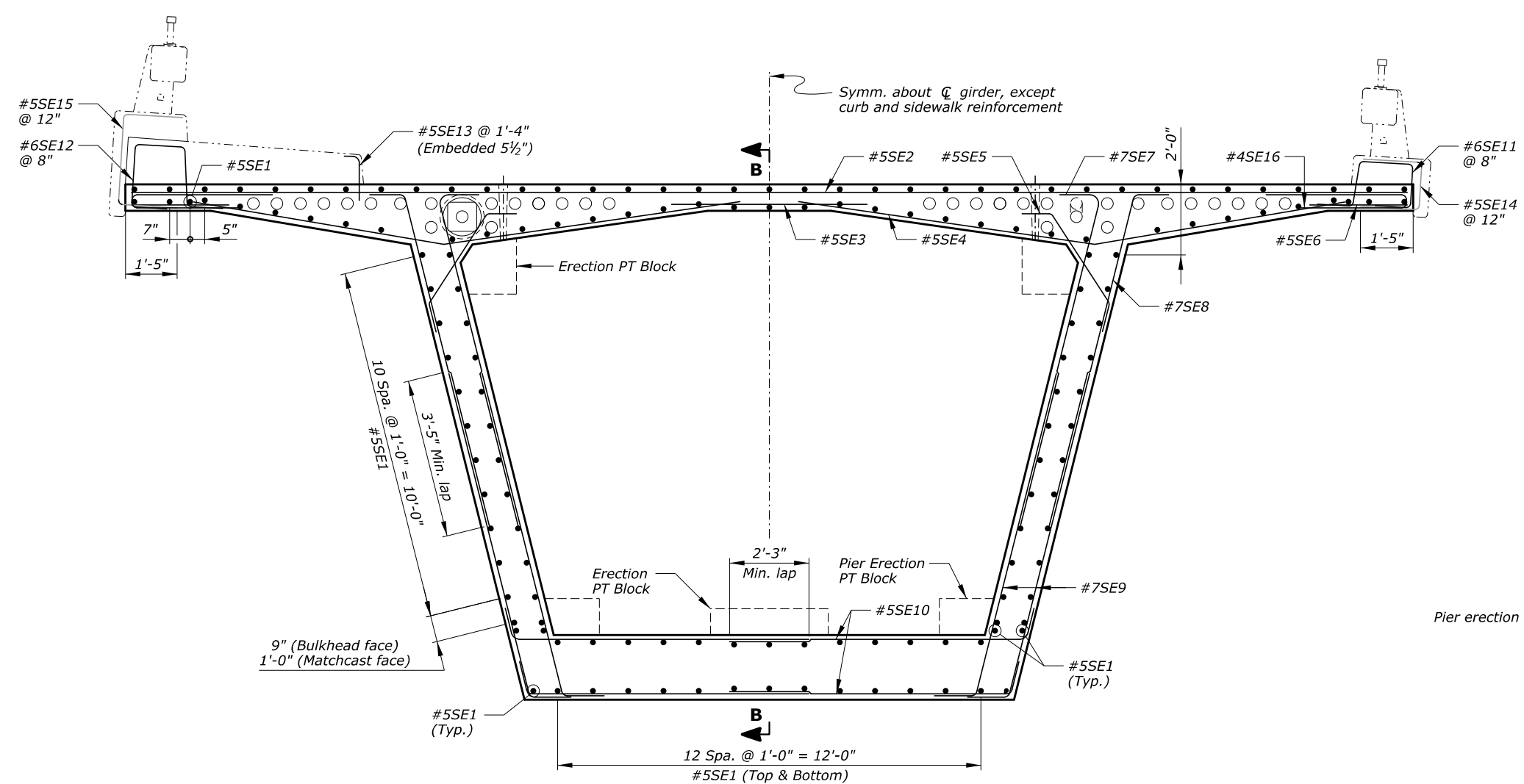
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC	CC	LE	No Scale	George Choubah	147 of 228	December 2018	BRP-1265

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R148

ACTUAL FILE: R148\_BLR1\_I26\_SEGMENT 2-1D REINF. DGN

M:\PROJECTS\STATE\_DOT\NC\brl\_126\_nepa\bridge\microstation\bridge Design Files\NO\_PROJECTS.dgn

14-Dec-2018 12:21 PM

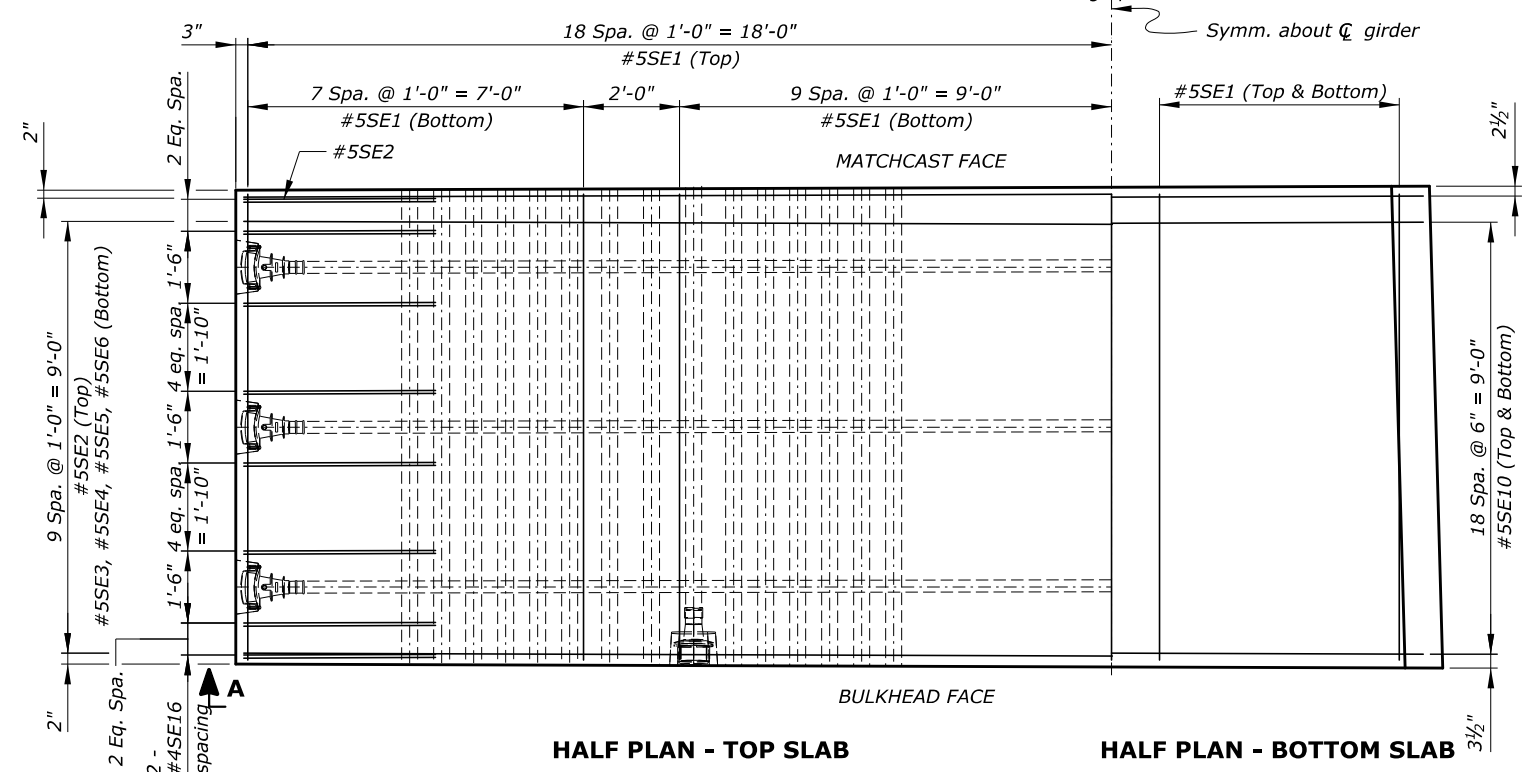


**SECTION A-A**  
Looking upstation

**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 2-1D 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	148 of 228	December 2018	BRP-1265

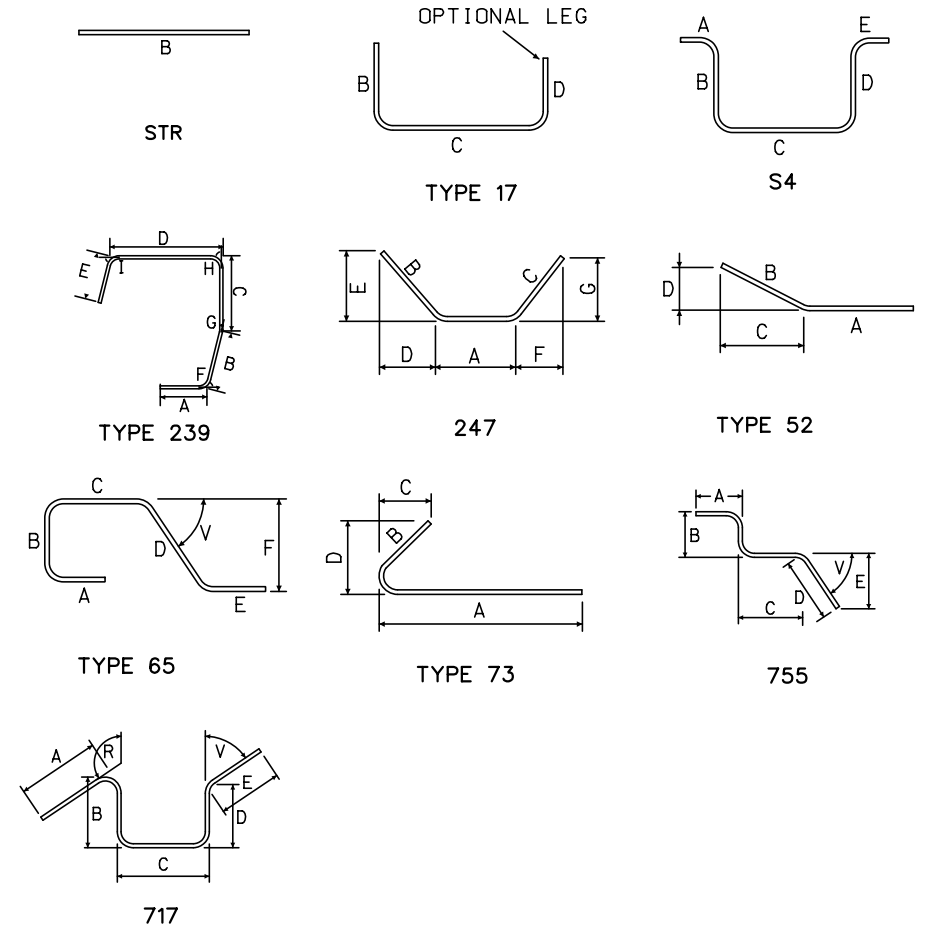


ACTUAL FILE: R149\_BLR1\_I26\_SEGMENT 2-1D BAR LIST.DGN

M:\PROJECTS\STATE\_DOT\NC\brl\_126\_nepa\Bridges\Microstation\Bridges Design Files\NO\_OP\PROJECTS.dgn

14-Dec-2018 12:21 PM

REINFORCING STEEL SCHEDULE				DIMENSION TABLE																	
SEGMENT 2-1D 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														



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

BLUE RIDGE PARKWAY

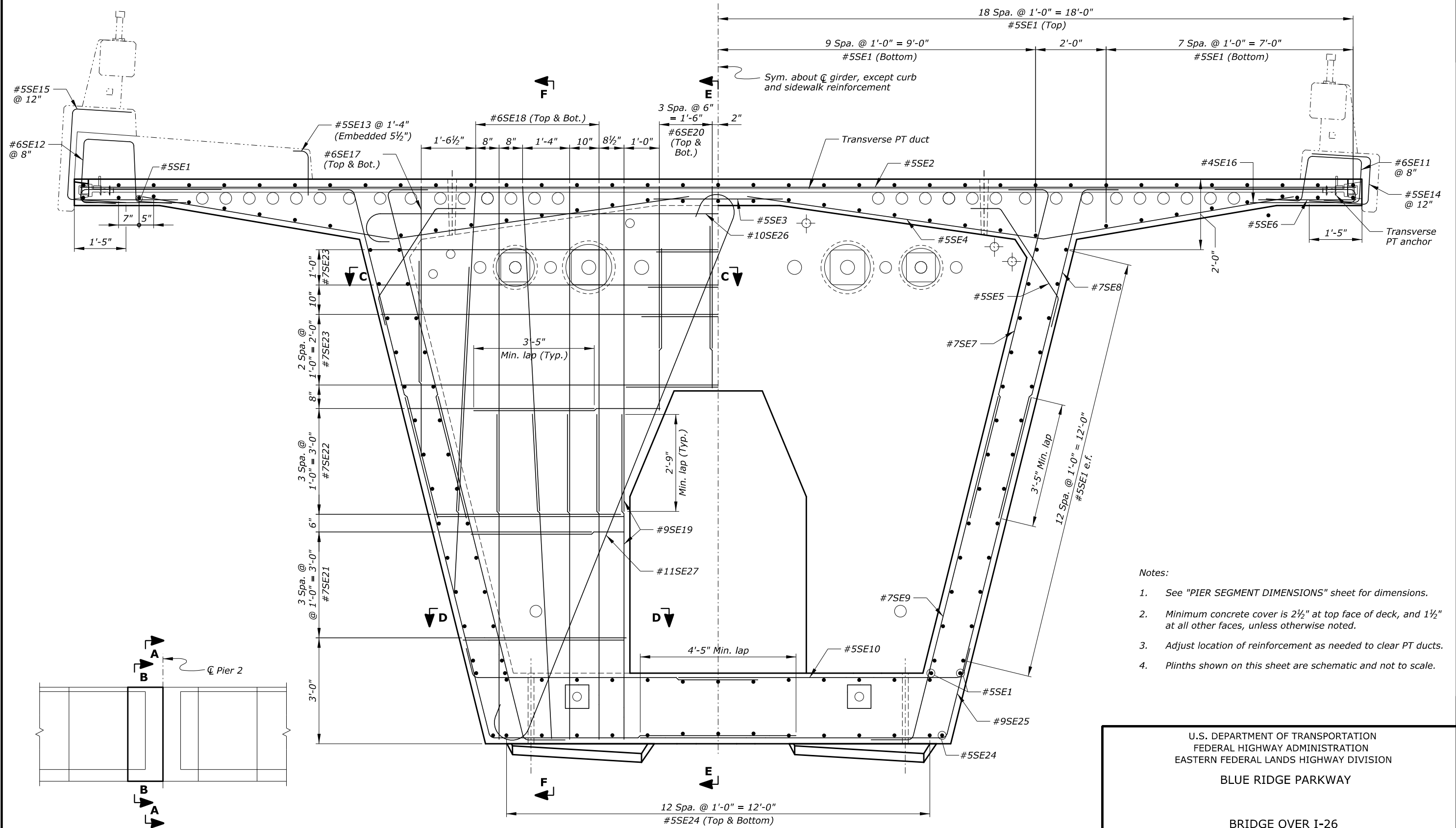
BRIDGE OVER I-26

SEGMENT 2-1D  
 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	149 of 228	December 2018	BRP-1265

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R150

ACTUAL FILE: R150\_BLR1\_I26\_SEGMENT P2-1 REINF - 1.DGN  
 M:\PROJECTS\STATE\_DOT\NC\brl\_i26\_nepa\Bridges\Microstation\Bridges Design Files\NO\_PROJECTS.dgn  
 14-Dec-2018 12:21 PM



- Notes:
1. See "PIER 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 location of reinforcement as needed to clear PT ducts.
  4. 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 P2-1 REINFORCEMENT - 1

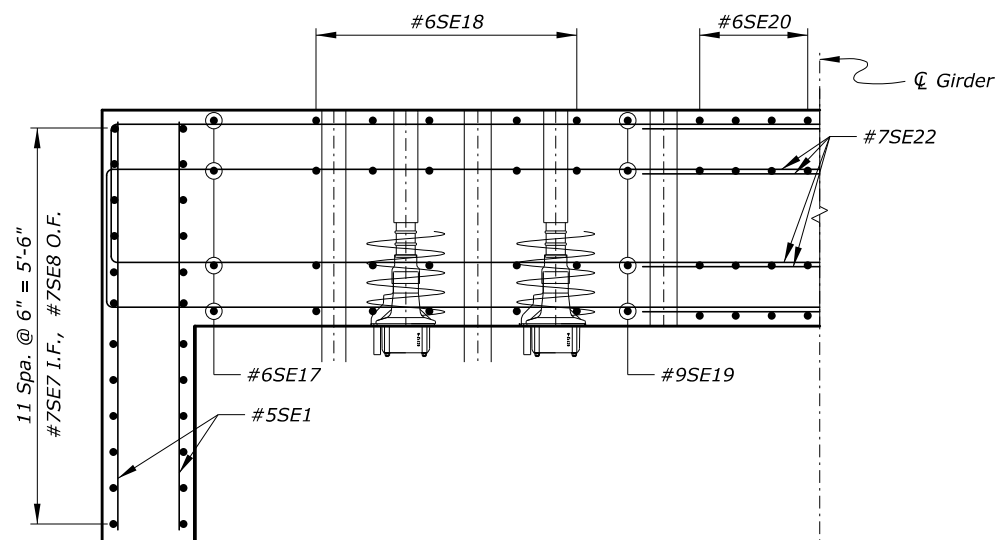
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC	BK	HC	¾" = 1'-0"	George Choubah	150 of 228	December 2018	BRP-1265

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R151

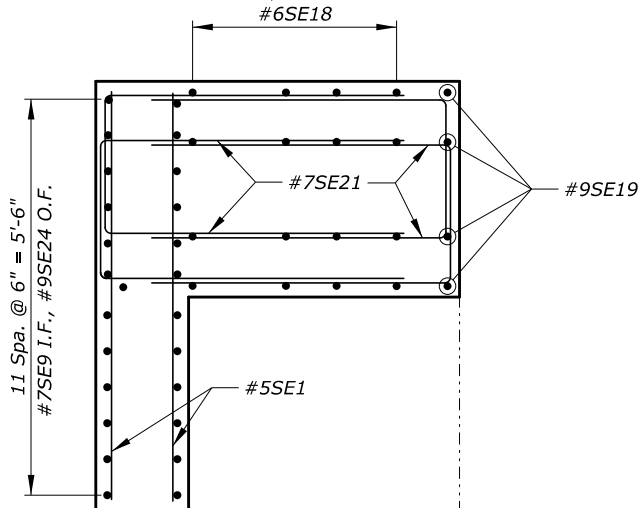
ACTUAL FILE: R151\_BLR1\_I26\_SEGMENT P2-1 REINF - 2.DGN

M:\PROJECTS\STATE\_DOT\NC\brl\_r126\_nepa\Bridges\Microstation\Bridges Design Files\NO\_OP\PROJECTS.dgn

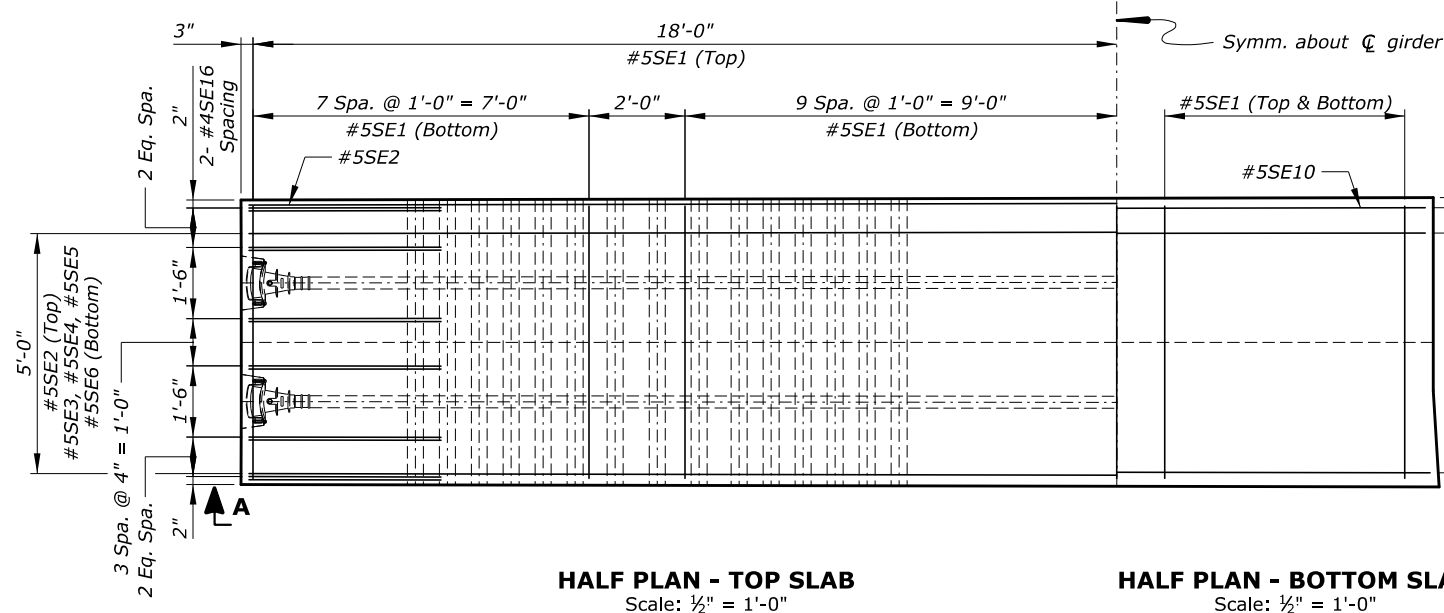
14-Dec-2018 12:21 PM



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

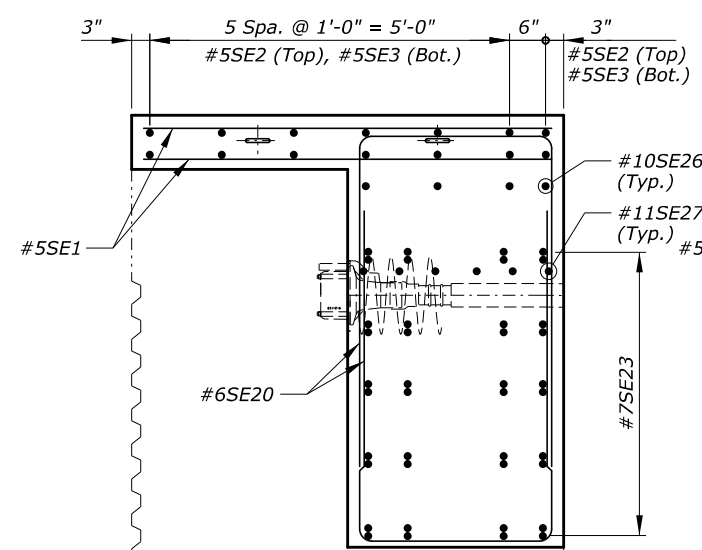


**SECTION D-D**  
Scale: 3/4" = 1'-0"

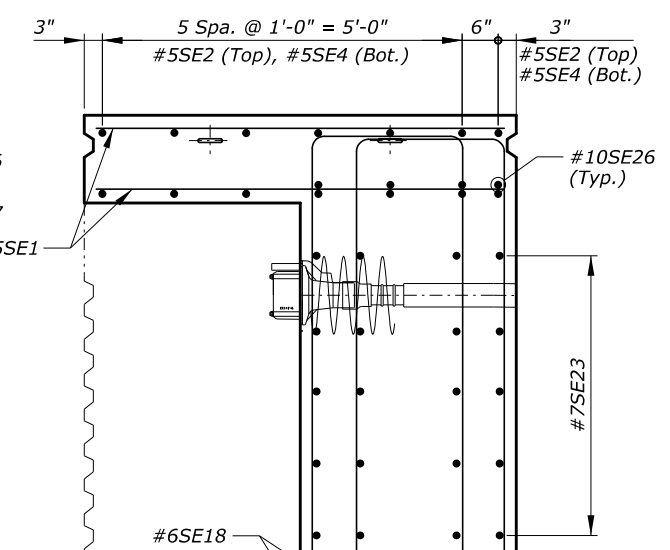


**HALF PLAN - TOP SLAB**  
Scale: 1/2" = 1'-0"

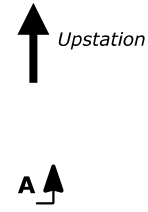
**HALF PLAN - BOTTOM SLAB**  
Scale: 1/2" = 1'-0"



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



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



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

BLUE RIDGE PARKWAY

BRIDGE OVER I-26

**SEGMENT P2-1 REINFORCEMENT - 2**

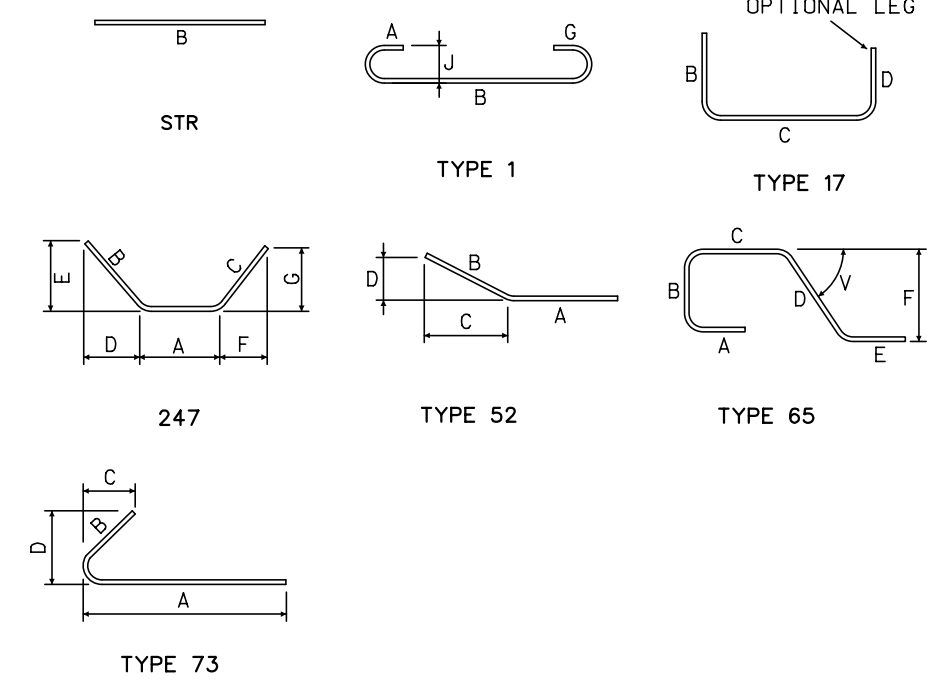
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC	BK	HC	As Shown	George Choubah	151 of 228	December 2018	BRP-1265

ACTUAL FILE:R152\_BLR1\_I26\_SEGMENT P2-1 BAR LIST.DGN

M:\PROJECTS\STATE\_DOT\NC\brl\_126\_nepa\Bridges\Microstation\Bridges Design Files\NO\_PROJECTS.dgn

14-Dec-2018 12:21 PM

REINFORCING STEEL SCHEDULE				DIMENSION TABLE																
SEGMENT P2-1 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 7/16" 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 7/16" 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														



STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R152

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

BLUE RIDGE PARKWAY

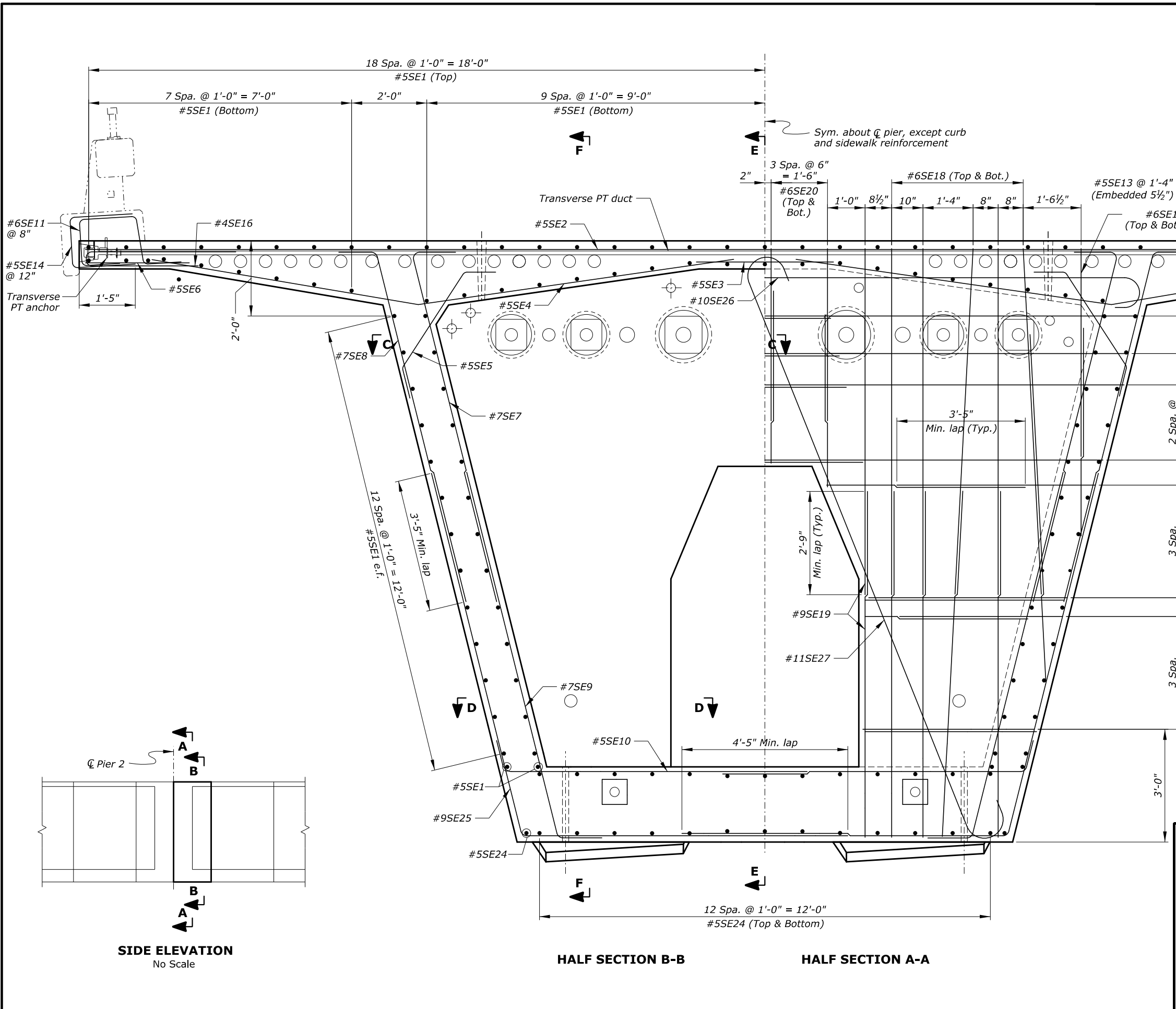
BRIDGE OVER I-26

SEGMENT P2-1  
 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	152 of 228	December 2018	BRP-1265

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R153

ACTUAL FILE: R153\_BLR1\_I26\_SEGMENT P2-2 REINF - 1.DGN  
 M:\PROJECTS\STATE\_DOT\NC\brl\_r126\_nepa\bridge\microstation\bridge Design Files\NO\_PROJECTS.dgn  
 14-Dec-2018 12:21 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.

U.S. DEPARTMENT OF TRANSPORTATION  
 FEDERAL HIGHWAY ADMINISTRATION  
 EASTERN FEDERAL LANDS HIGHWAY DIVISION  
 BLUE RIDGE PARKWAY  
 BRIDGE OVER I-26  
 SEGMENT P2-2 REINFORCEMENT - 1

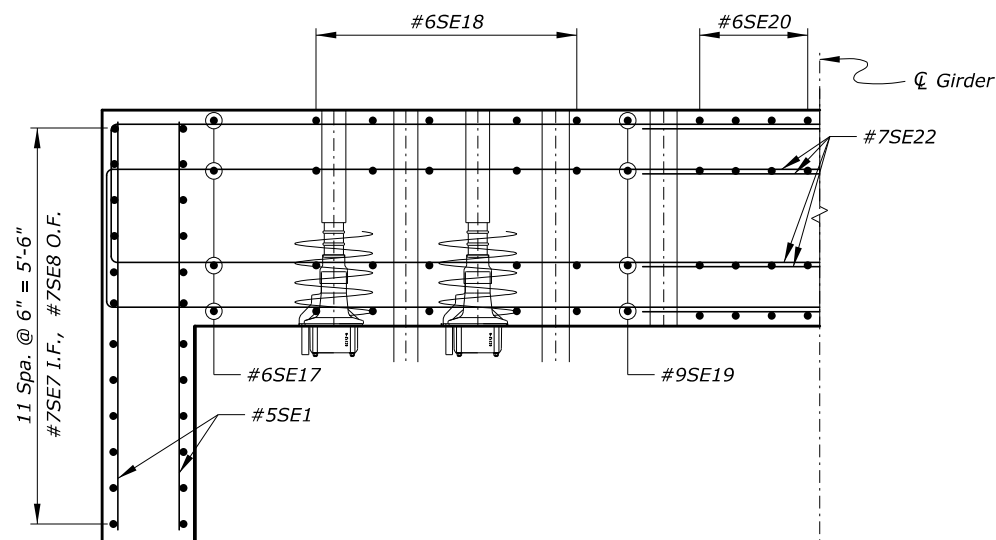
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC	BK	HC	3/4" = 1'-0"	George Choubah	153 of 228	December 2018	BRP-1265

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R154

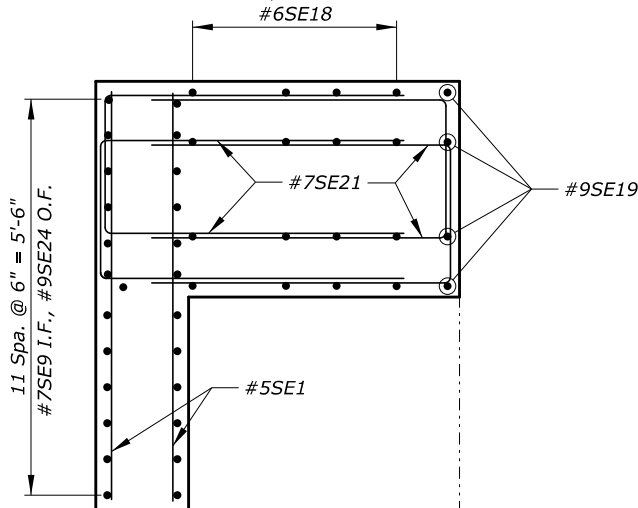
ACTUAL FILE: R154\_BLR1\_I26\_SEGMENT P2-2 REINF - 2.DGN

M:\PROJECTS\STATE\_DOT\NC\brl\_r126\_nepa\Bridges\Microstation\Bridg Design Files\NO\_OPROJECTS.dgn

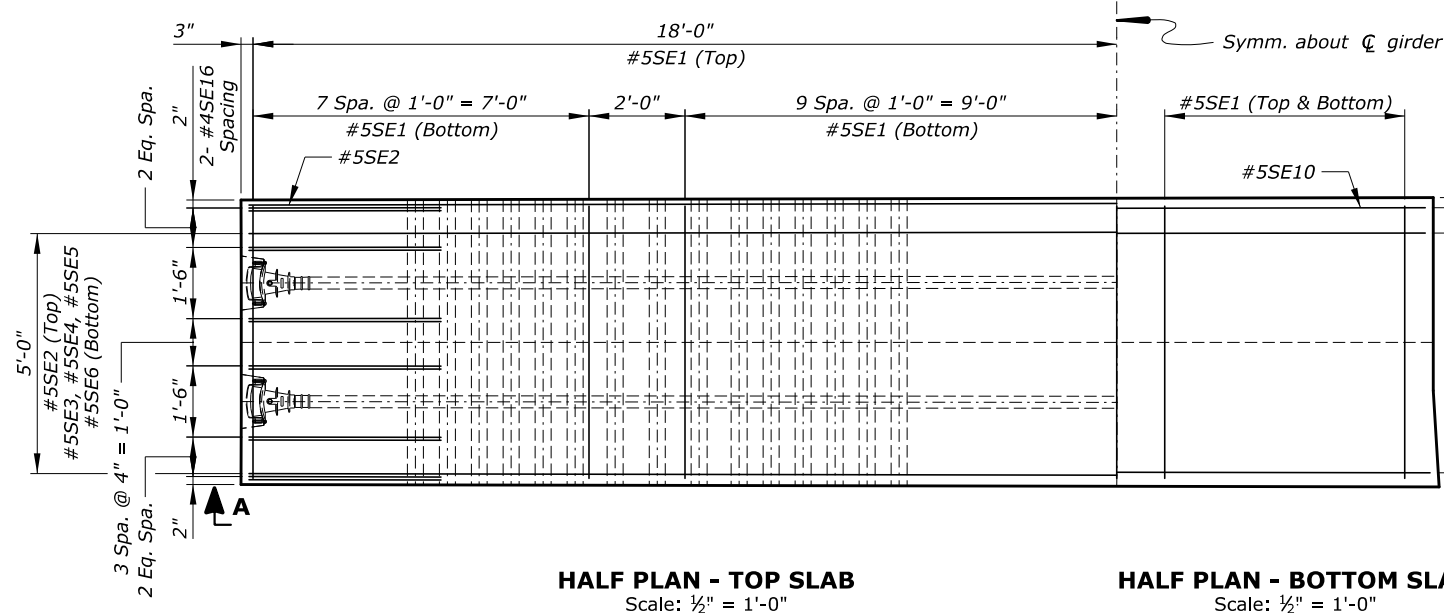
14-Dec-2018 12:21 PM



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

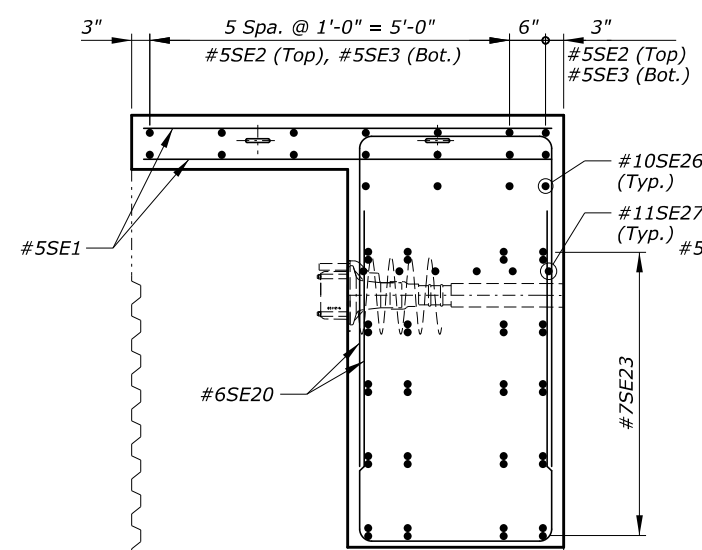


**SECTION D-D**  
Scale: 3/4" = 1'-0"

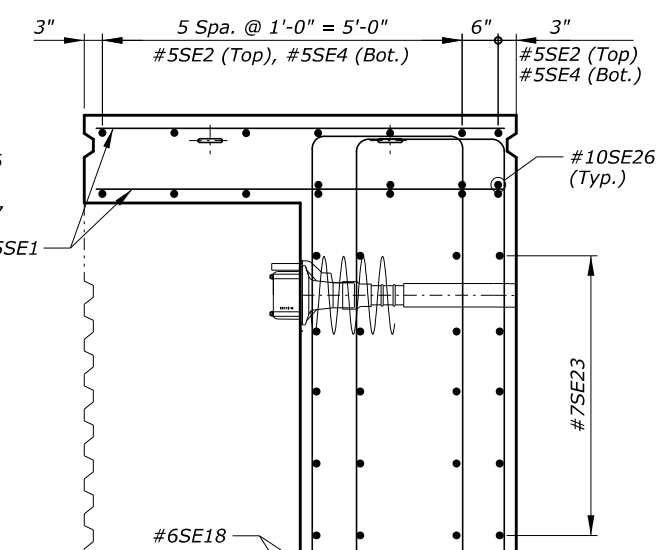


**HALF PLAN - TOP SLAB**  
Scale: 1/2" = 1'-0"

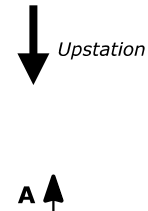
**HALF PLAN - BOTTOM SLAB**  
Scale: 1/2" = 1'-0"



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



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



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

BLUE RIDGE PARKWAY

BRIDGE OVER I-26

**SEGMENT P1-2 REINFORCEMENT - 2**

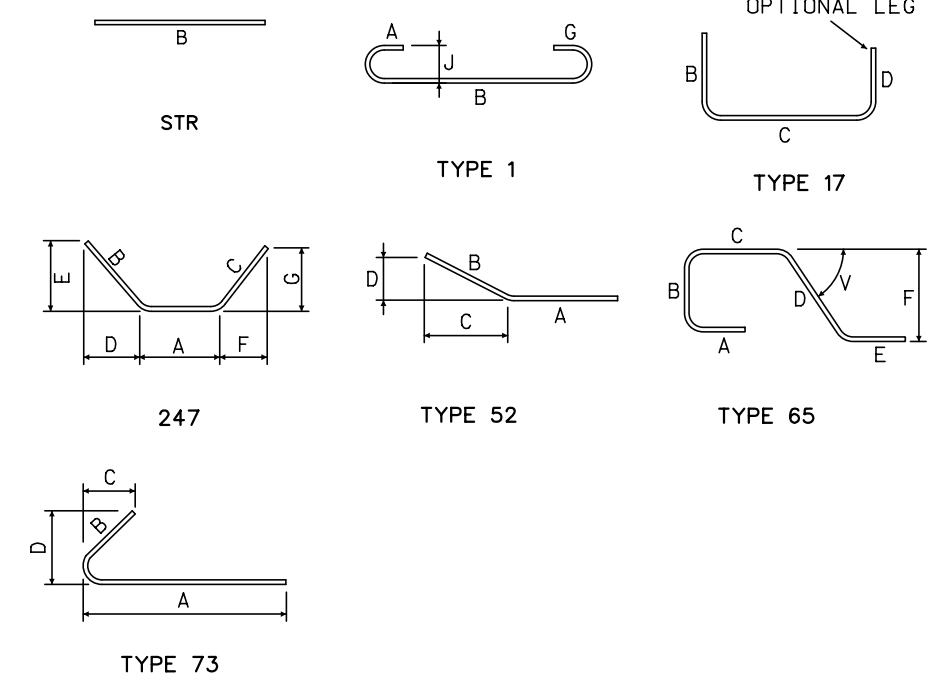
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC	BK	HC	As Shown	George Choubah	154 of 228	December 2018	BRP-1265

ACTUAL FILE:R155\_BLR1\_I26\_SEGMENT P2-2 BAR LIST.DGN

M:\PROJECTS\STATE\_DOT\NC\brl\_126\_nepa\Bridges\Microstation\Bridges Design Files\NO\_PROJECTS.dgn

14-Dec-2018 12:21 PM

REINFORCING STEEL SCHEDULE				DIMENSION TABLE																
SEGMENT P2-2 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 7/16" 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 7/16" 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														



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

BLUE RIDGE PARKWAY

BRIDGE OVER I-26

SEGMENT P2-2  
 BAR LIST

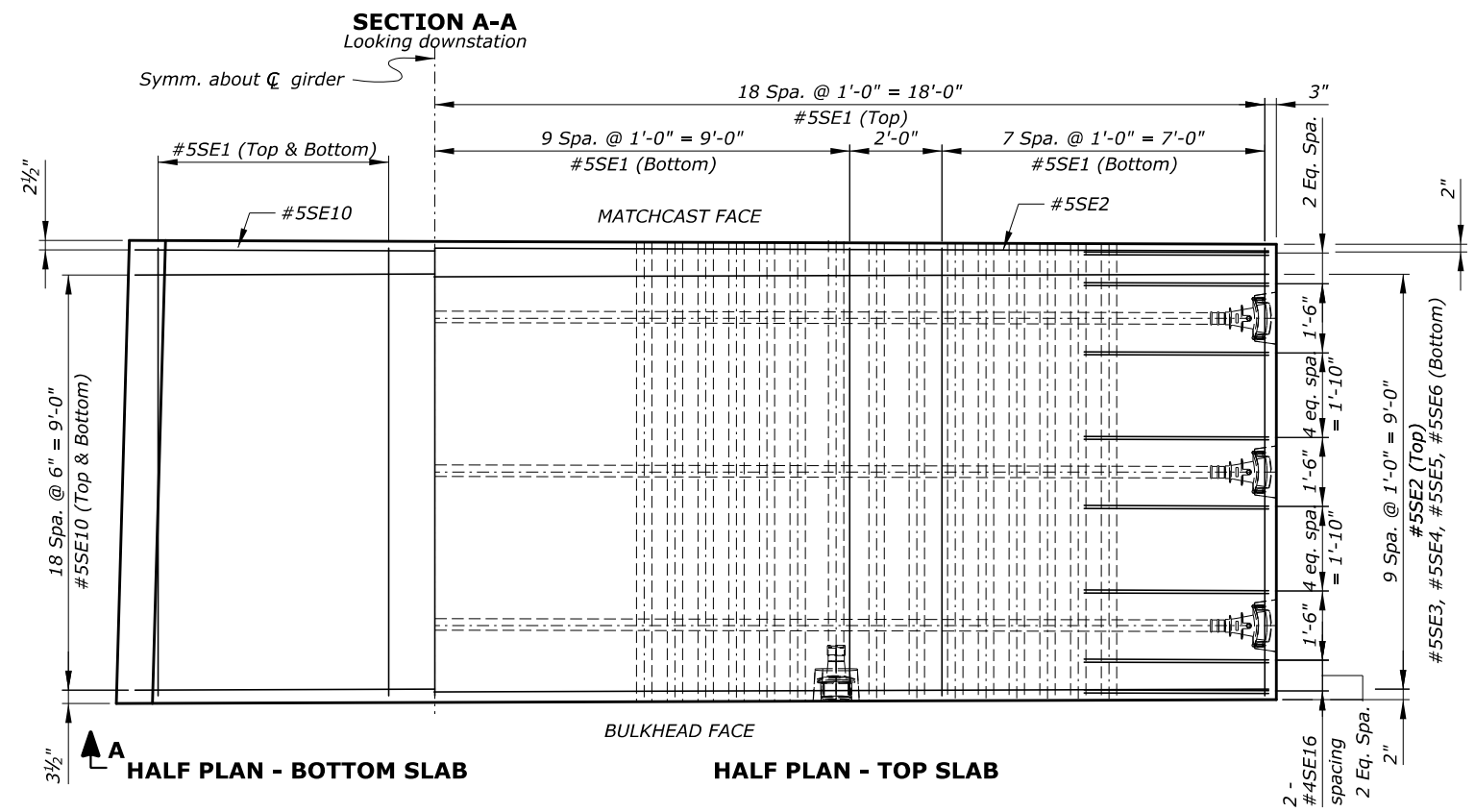
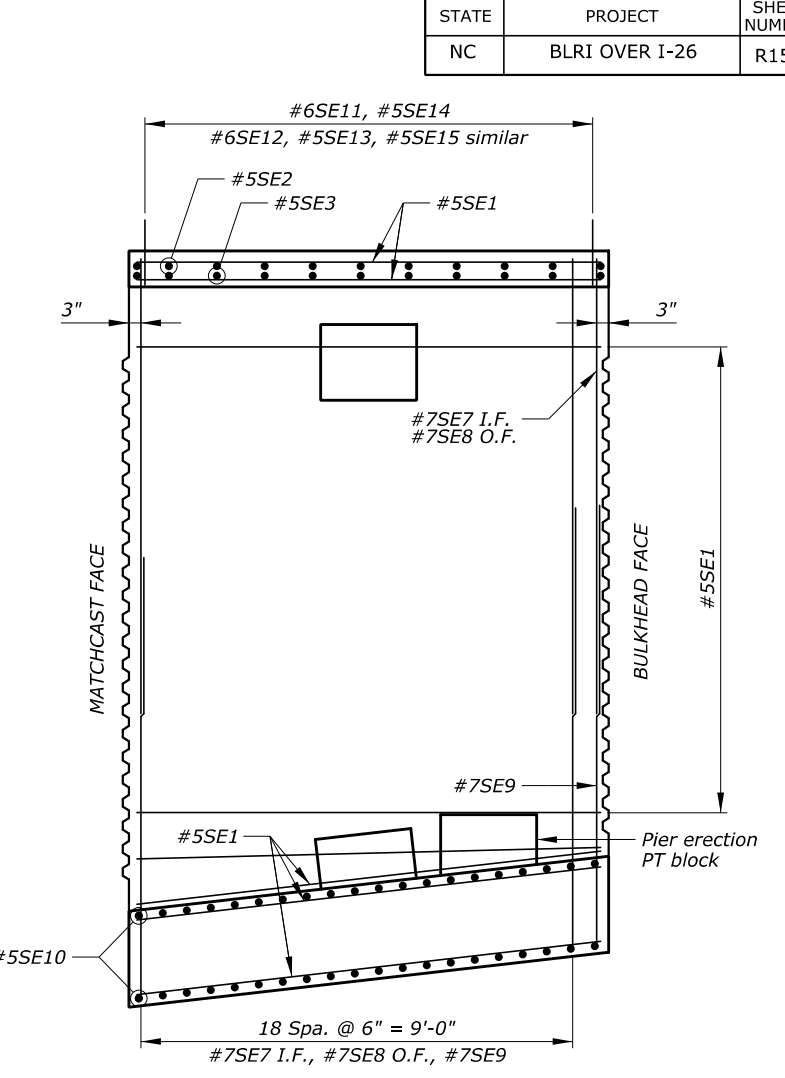
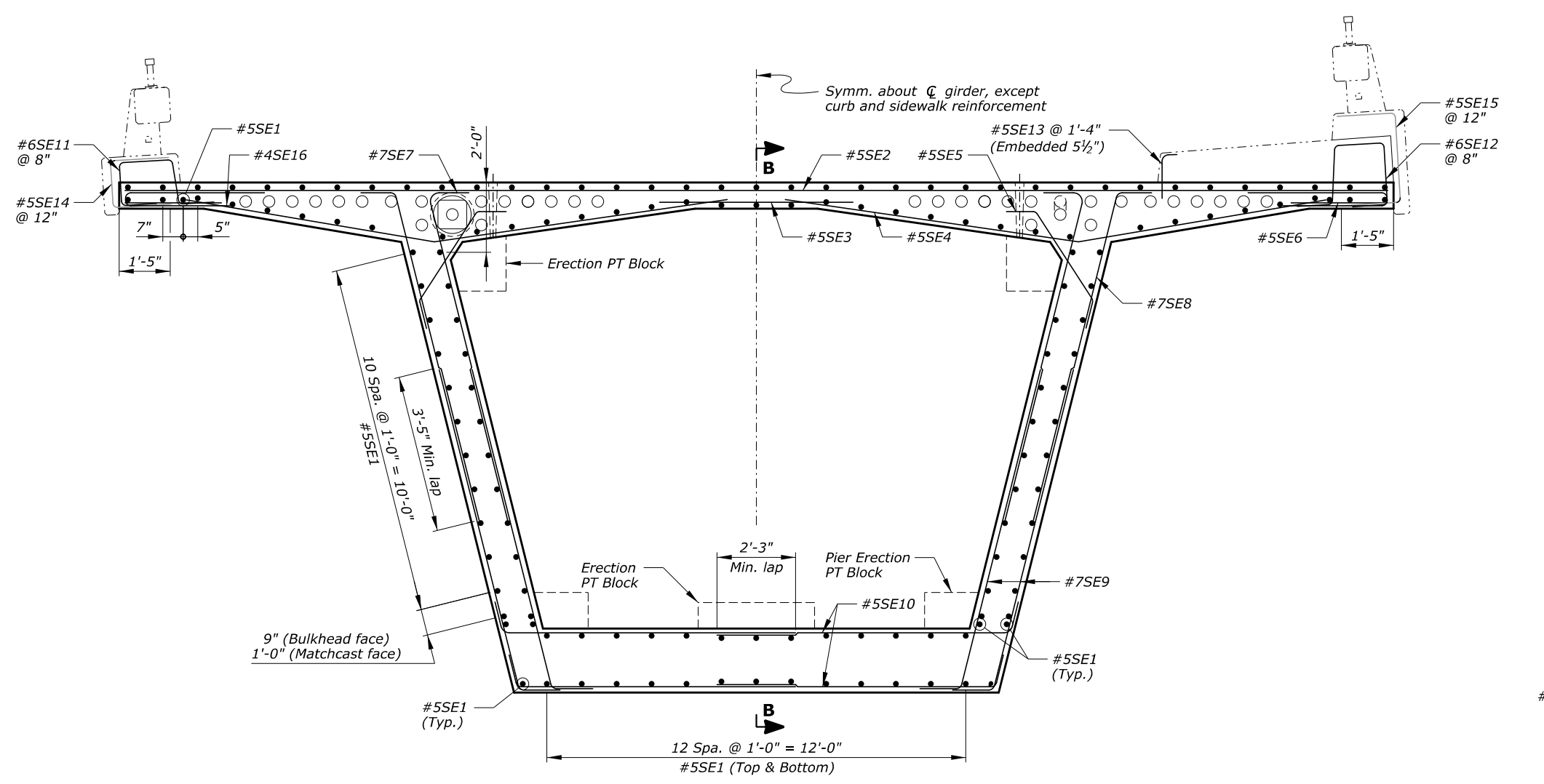
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC	CC	LE	No Scale	George Choubah	155 of 228	December 2018	BRP-1265

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R156

ACTUAL FILE: R156\_BLR1\_I26\_SEGMENT 2-1U REINF. DGN

M:\PROJECTS\STATE\_DOT\NC\brl\_i26\_nepa\bridge\microstation\bridge design Files\NO\_PROJECTS.dgn

14-Dec-2018 12:21 PM



- 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 2-1U 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	156 of 228	December 2018	BRP-1265

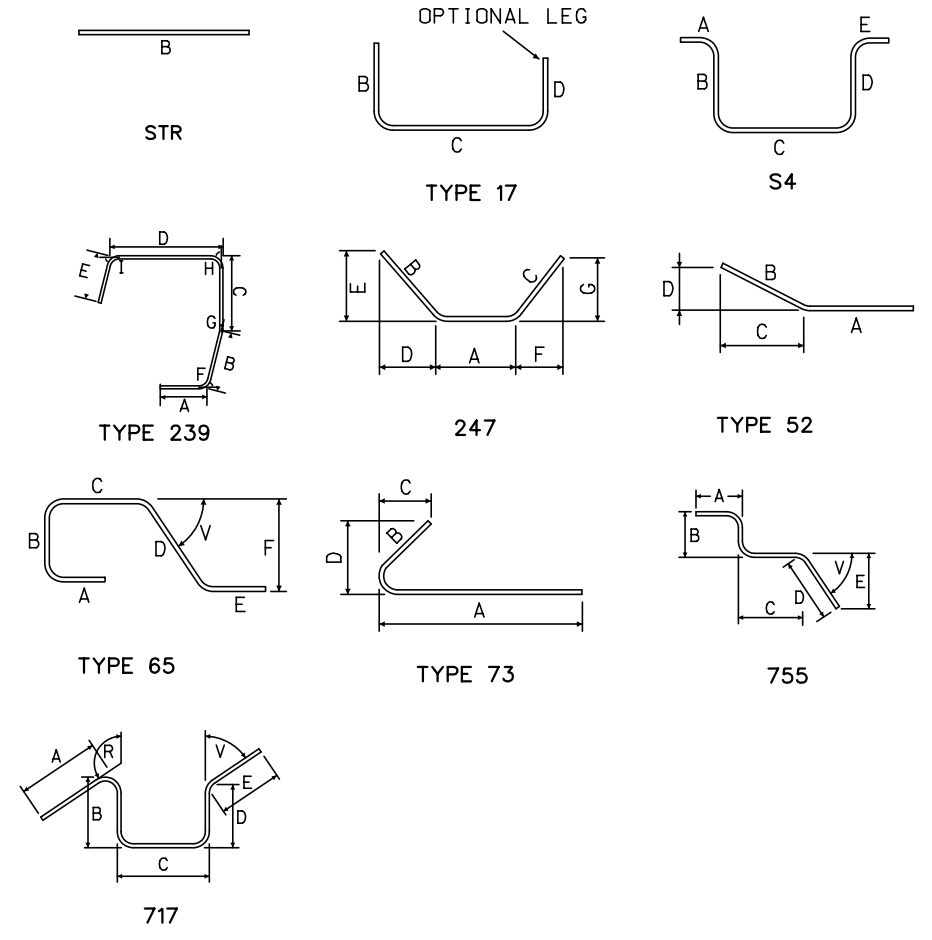


ACTUAL FILE: R157\_BLR1\_I26\_SEGMENT 2-1U BAR LIST.DGN

M:\PROJECTS\STATE\_DOT\NC\brl\_r126\_nepa\bridge\microstation\brl\_ridge Design Files\NO\_OP\PROJECTS.dgn

14-Dec-2018 12:21 PM

REINFORCING STEEL SCHEDULE				DIMENSION TABLE																	
SEGMENT 2-1U 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	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							398 LBS														



STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R157

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

BLUE RIDGE PARKWAY

BRIDGE OVER I-26

SEGMENT 2-1U  
 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	157 of 228	December 2018	BRP-1265

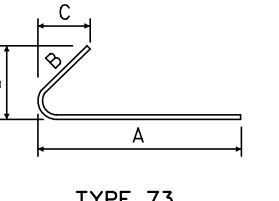
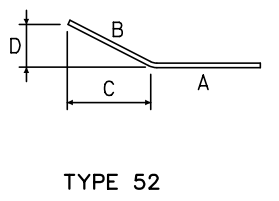
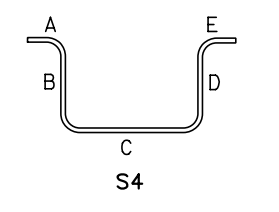
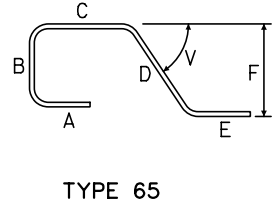
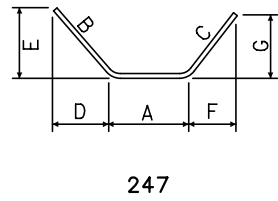
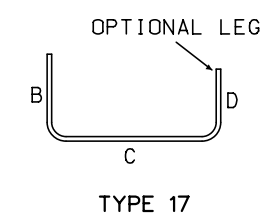
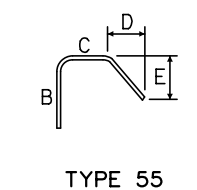
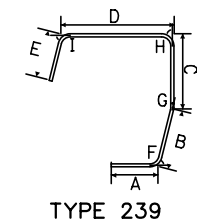
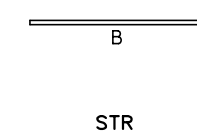


ACTUAL FILE: R159\_BLR1\_I26\_SEGMENT 2-2U BAR LIST.DGN

M:\PROJECTS\STATE\_DOT\NC\brl\_126\_nepa\Bridges\Microstation\Bridges Design Files\NO\_OP\PROJECTS.dgn

14-Dec-2018 12:21 PM

REINFORCING STEEL SCHEDULE				DIMENSION TABLE																	
SEGMENT 2-2U 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 2-2U  
 BAR LIST

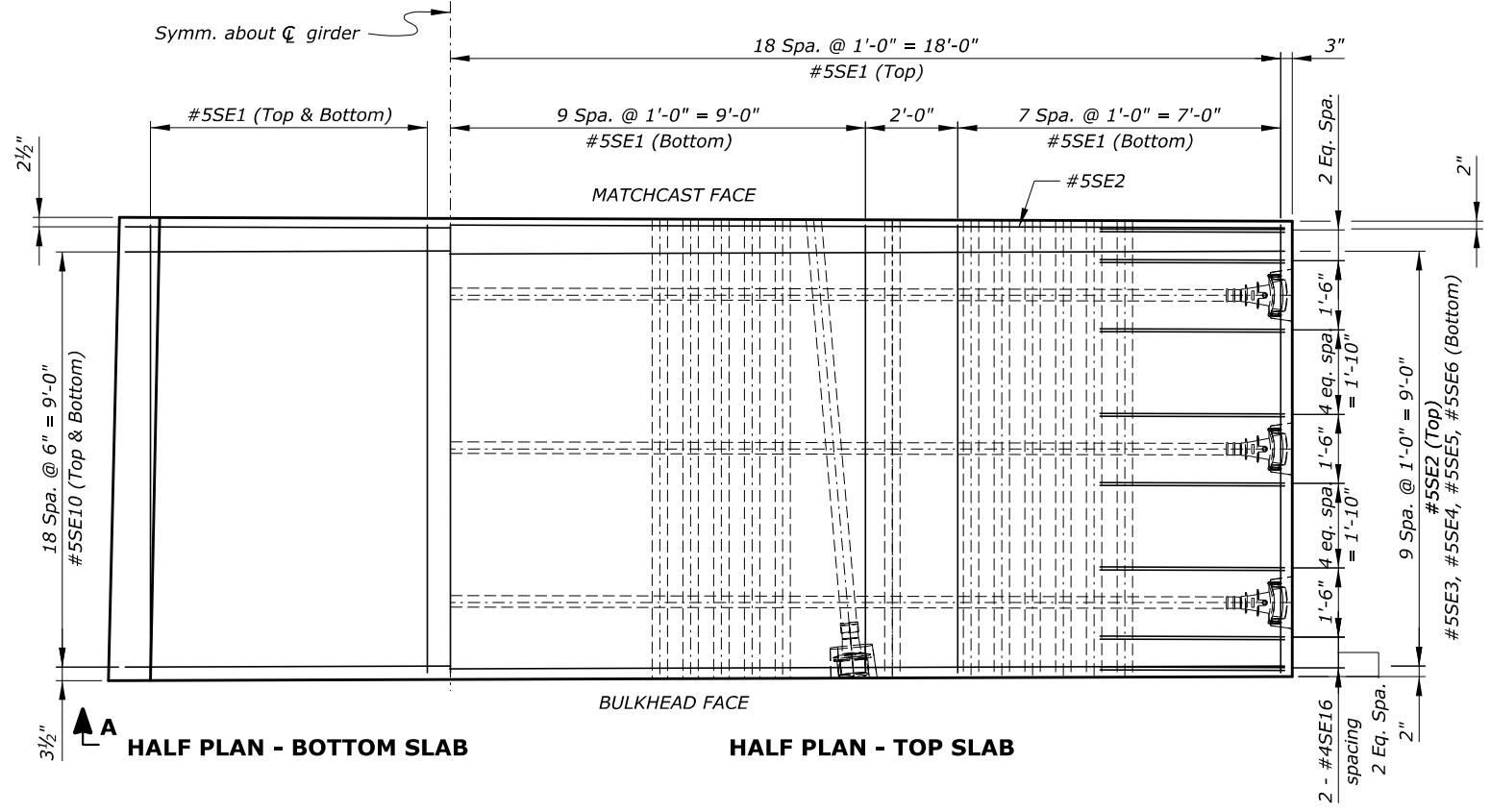
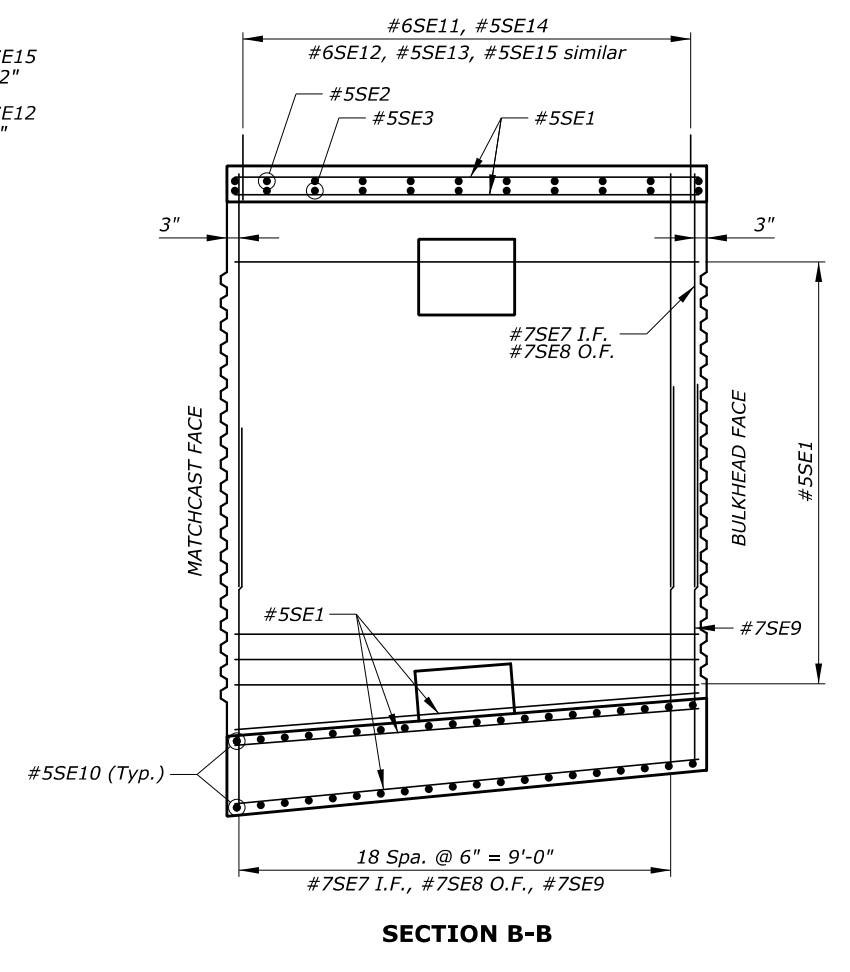
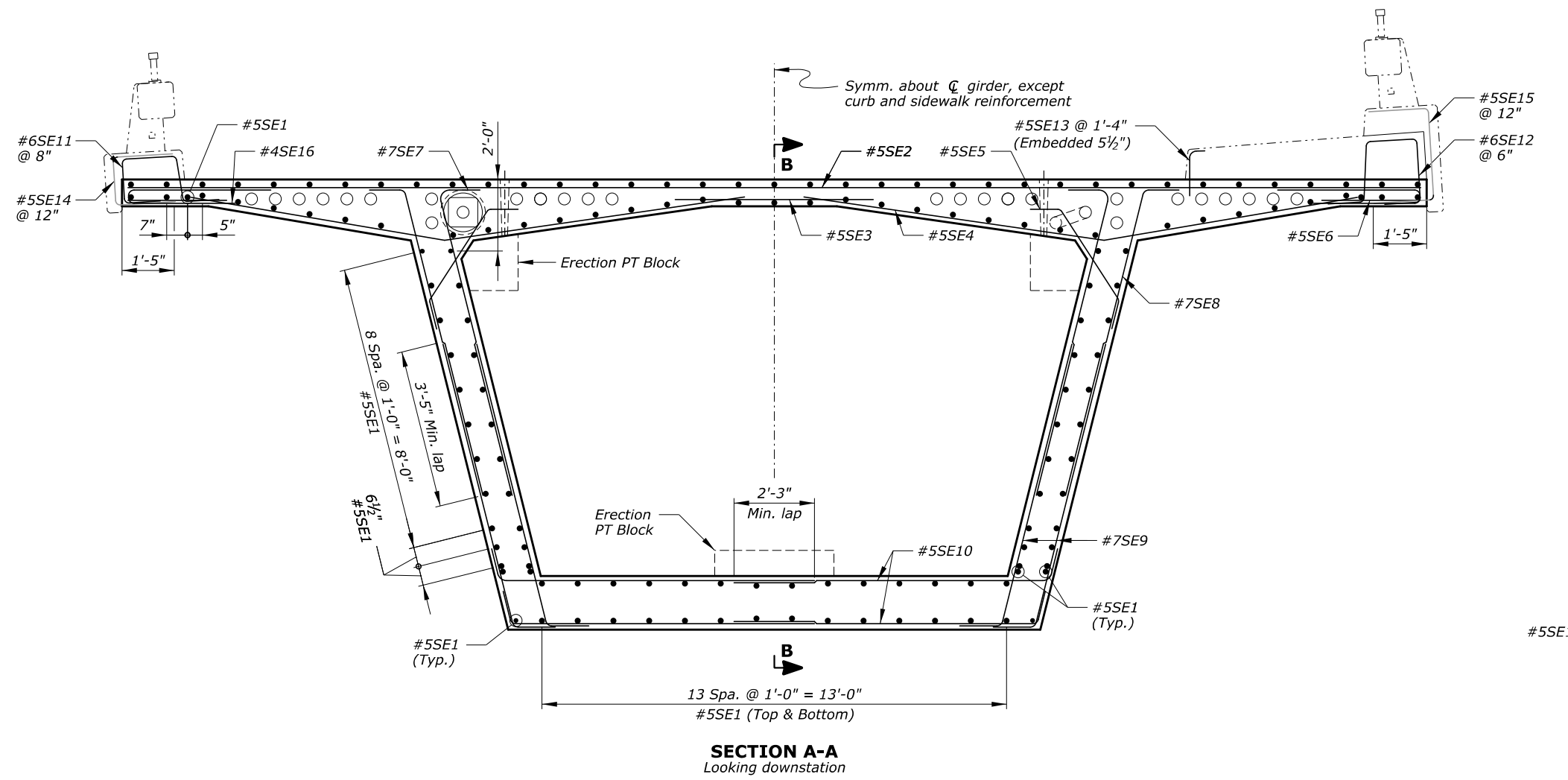
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC	CC	LE	No Scale	George Choubah	159 of 228	December 2018	BRP-1265

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R160

ACTUAL FILE: R160\_BLR1\_I26\_SEGMENT 2-3U REINF. DGN

M:\PROJECTS\STATE\_DOT\NC\brl\_i26\_nepa\bridge\microstation\bridge Design Files\NO\_PROJECTS.dgn

14-Dec-2018 12:21 PM



- 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 2-3U REINFORCEMENT

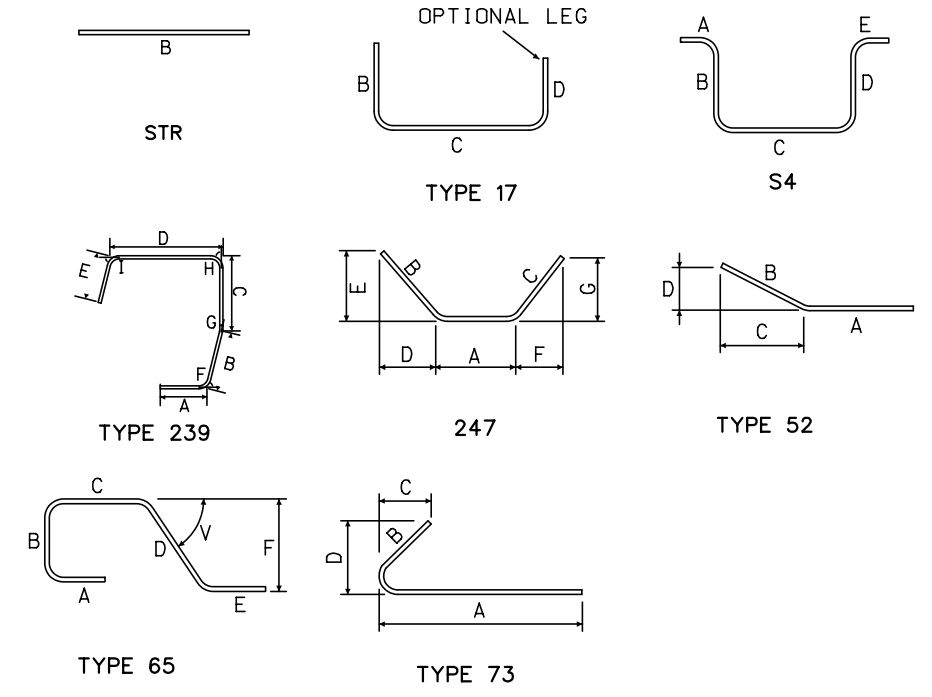
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC/CWN	BK/CC	HC	½" = 1'-0"	George Choubah	160 of 228	December 2018	BRP-1265

ACTUAL FILE:R161\_BLR1\_I26\_SEGMENT 2-3U BAR LIST.DGN

M:\PROJECTS\STATE\_DOT\NC\brl\_I26\_nepa\Bridges\Microstation\Bridges Design Files\NO\_PROJECTS.dgn

14-Dec-2018 12:21 PM

REINFORCING STEEL SCHEDULE				DIMENSION TABLE																		
SEGMENT 2-3U 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														



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

BLUE RIDGE PARKWAY

BRIDGE OVER I-26

SEGMENT 2-3U  
 BAR LIST

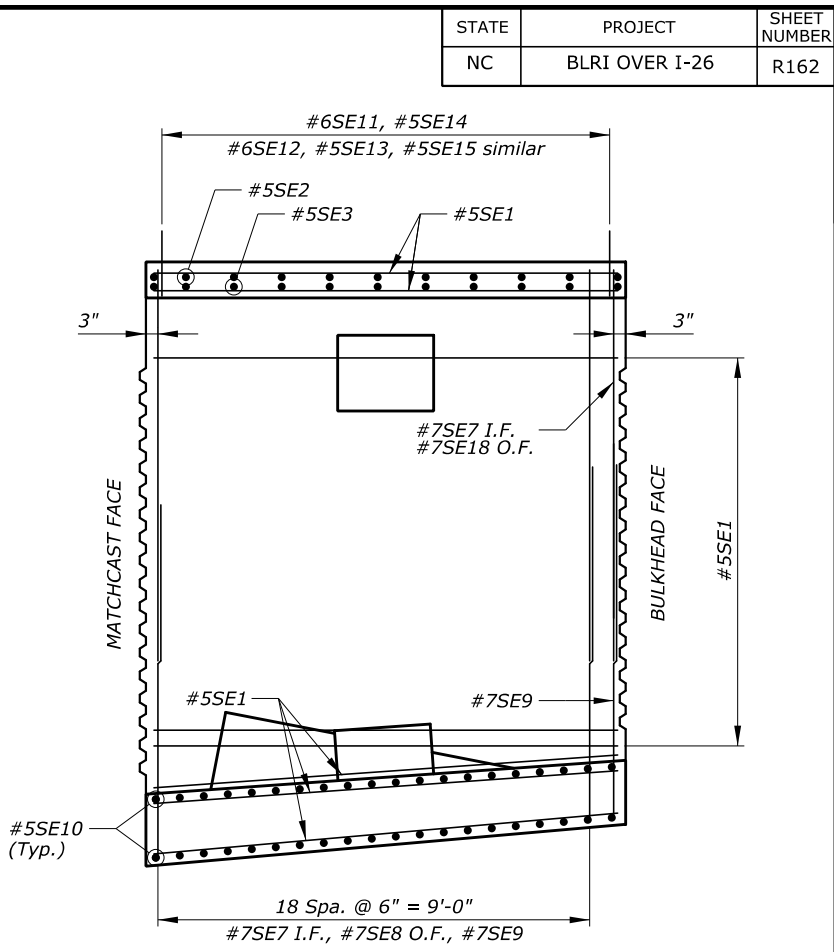
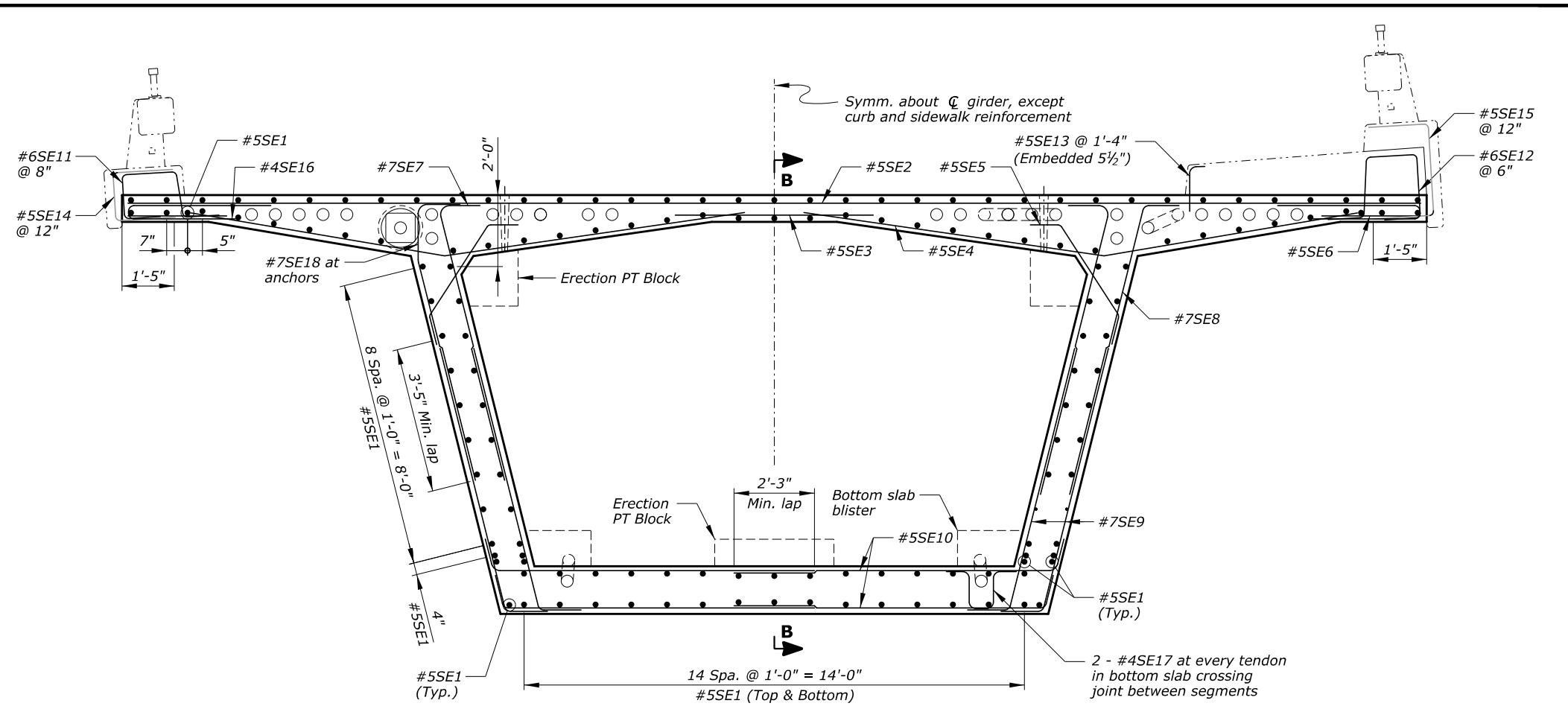
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC	CC	LE	No Scale	George Choubah	161 of 228	December 2018	BRP-1265

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R162

ACTUAL FILE: R162\_BLR1\_I26\_SEGMENT 2-4U REINF. DGN

M:\PROJECTS\STATE\_DOT\NC\brl\_126\_nepa\Bridges\Microstation\Bridges Design Files\NO\_PROJECTS.dgn

14-Dec-2018 12:21 PM



**SECTION A-A**  
Looking downstation

**SECTION B-B**

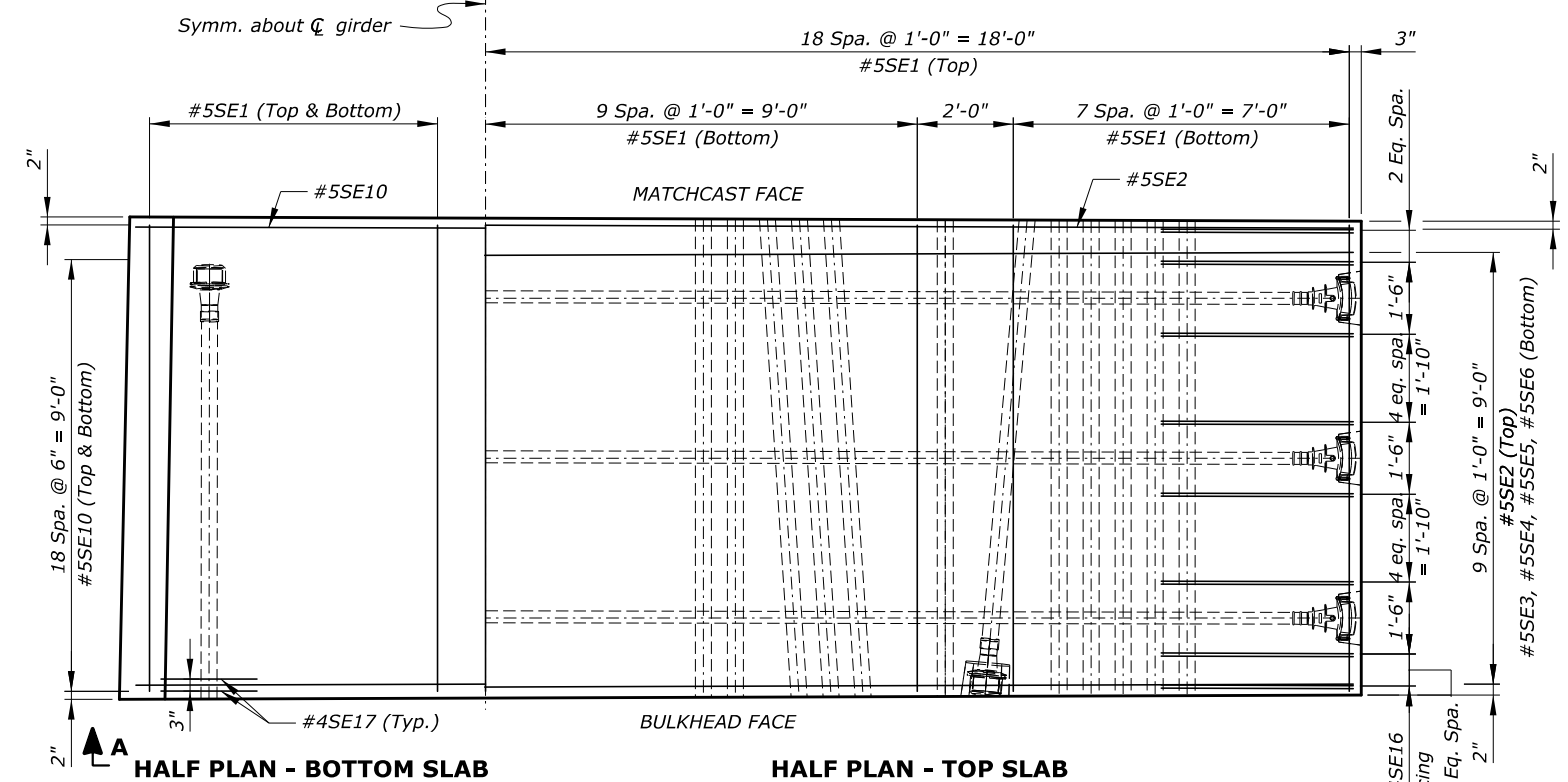
Notes:

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  
↓



**HALF PLAN - BOTTOM SLAB**

**HALF PLAN - TOP SLAB**

↑  
**A**

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

**BLUE RIDGE PARKWAY**

BRIDGE OVER I-26

**SEGMENT 2-4U REINFORCEMENT**

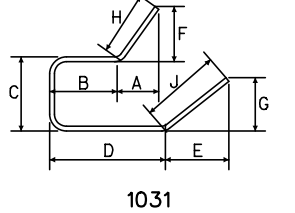
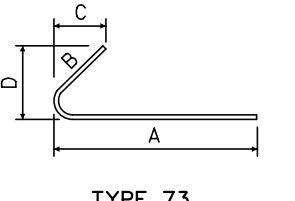
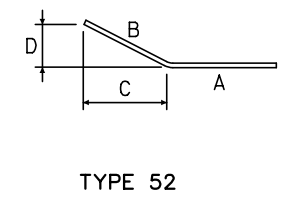
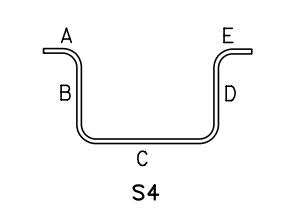
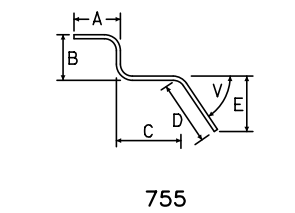
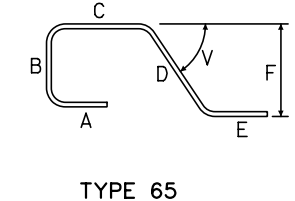
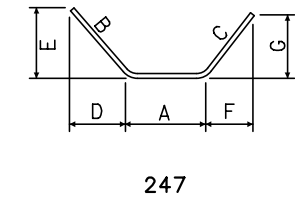
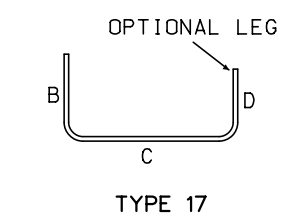
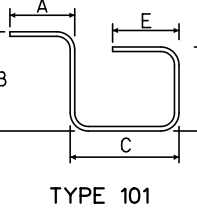
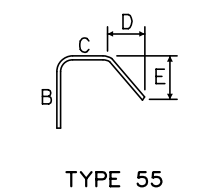
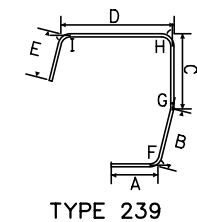
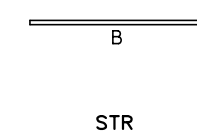
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC/CWN	BK/CC	HC	1/2" = 1'-0"	George Choubah	162 of 228	December 2018	BRP-1265

ACTUAL FILE: R163\_BLR1\_I26\_SEGMENT 2-4U BAR LIST.DGN

M:\PROJECTS\STATE\_DOT\NC\brl\_126\_nepa\bridge\microstation\bridge Design Files\0\_OPROJECTS.dgn

14-Dec-2018 12:21 PM

REINFORCING STEEL SCHEDULE				DIMENSION TABLE																	
SEGMENT 2-4U 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 2-4U  
 BAR LIST

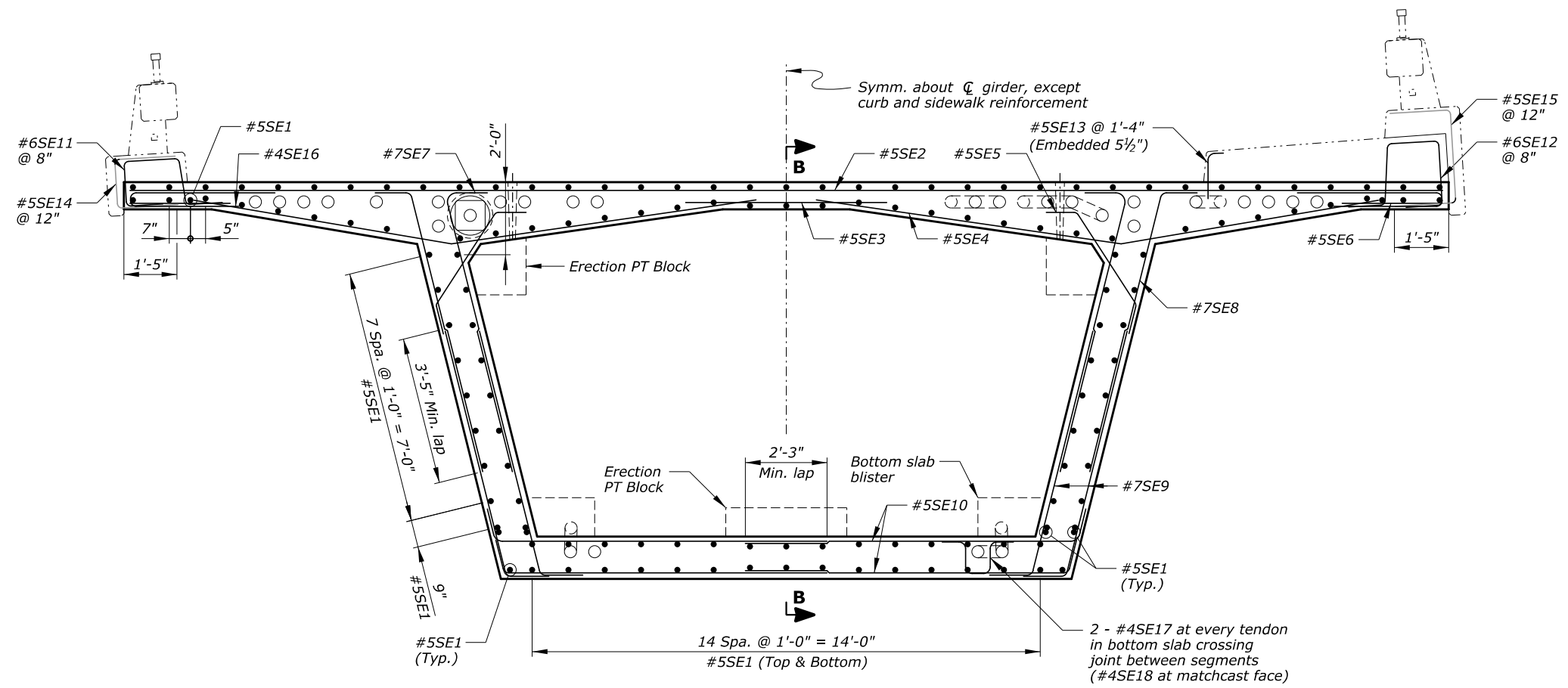
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC	CC	LE	No Scale	George Choubah	163 of 228	December 2018	BRP-1265

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R164

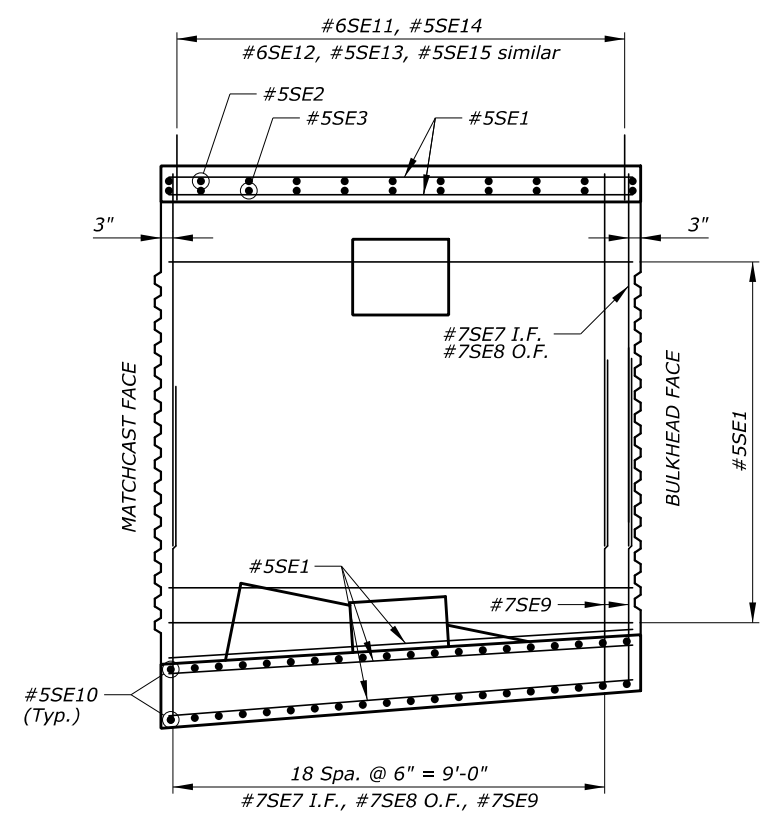
ACTUAL FILE: R164\_BLR1\_I26\_SEGMENT 2-5U REINF. DGN

M:\PROJECTS\STATE\_DOT\NC\brl\_i26\_nepa\Bridges\Microstation\Bridges Design Files\NO\_PROJECTS.dgn

14-Dec-2018 12:21 PM



**SECTION A-A**  
Looking downstation



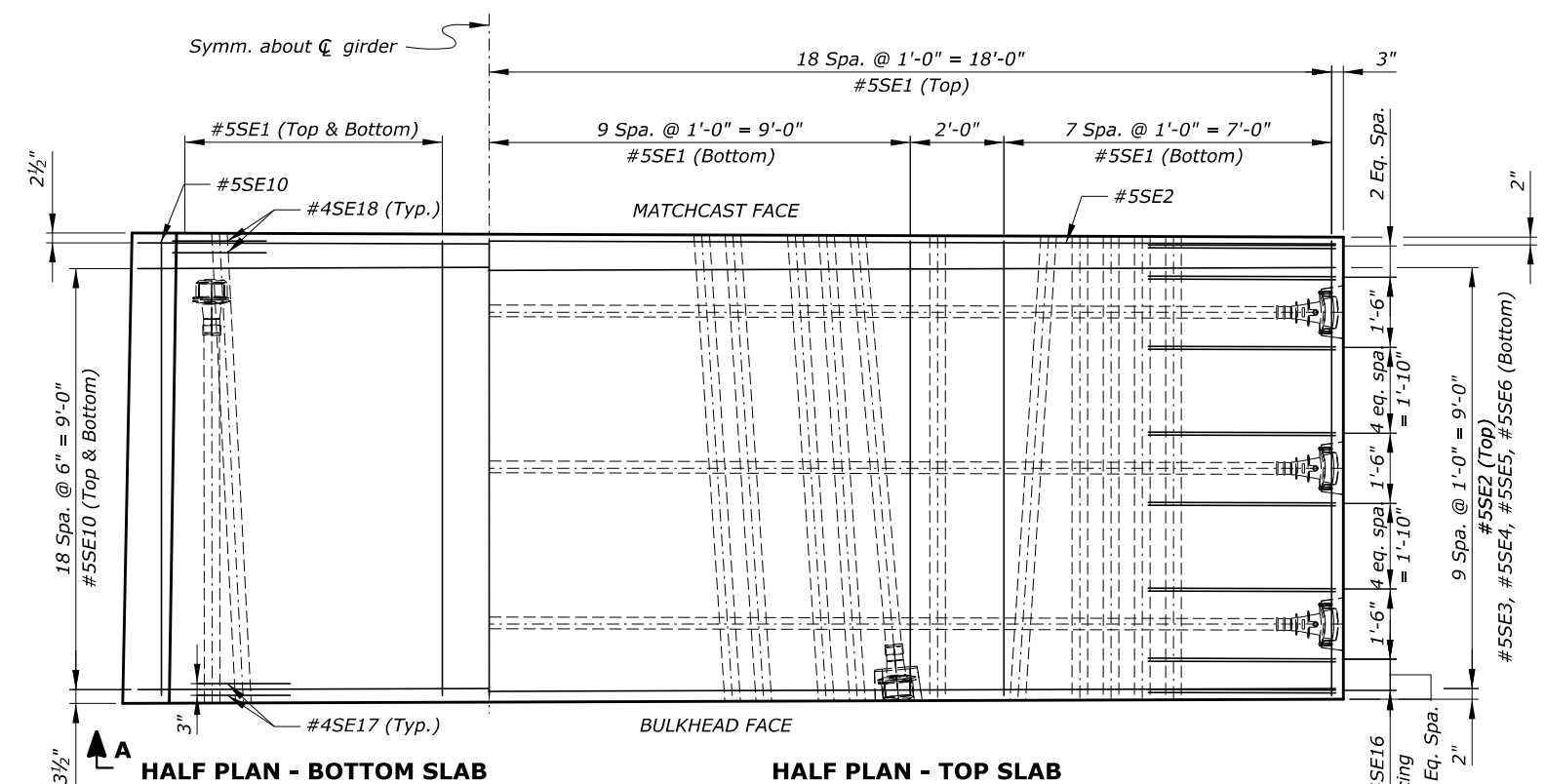
**SECTION B-B**

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**

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

BLUE RIDGE PARKWAY

BRIDGE OVER I-26

SEGMENT 2-5U 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	164 of 228	December 2018	BRP-1265

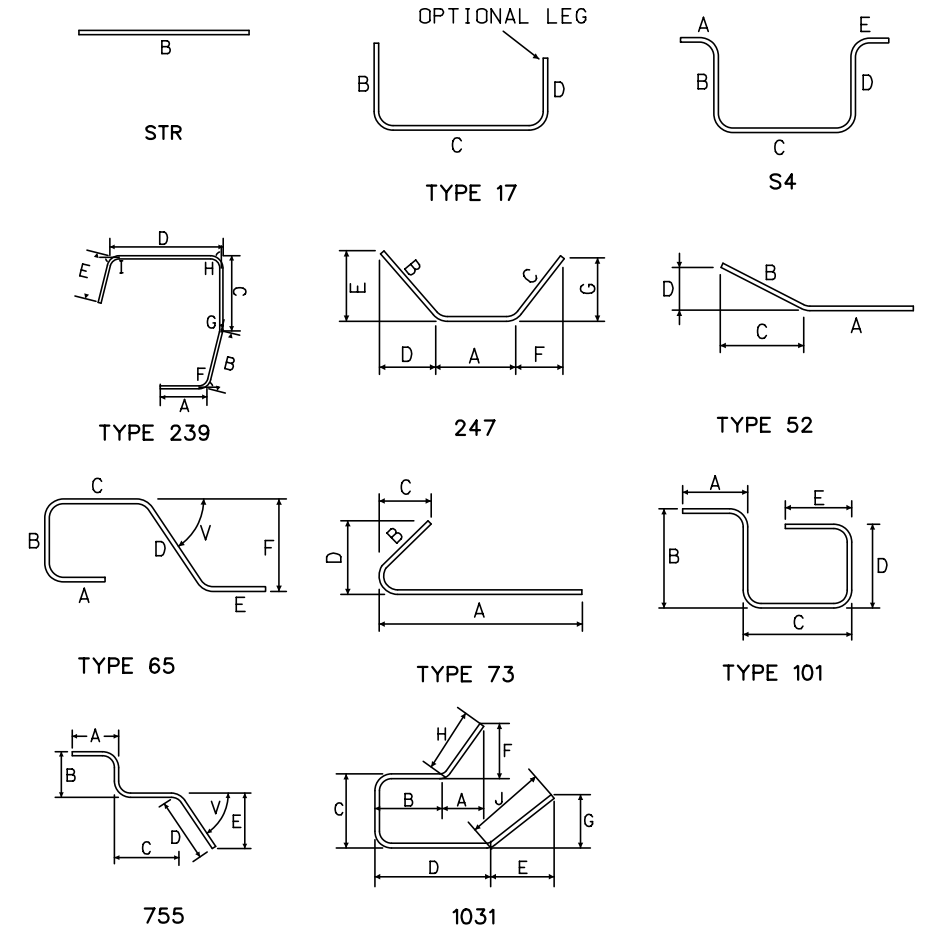


ACTUAL FILE: R165\_BLR1\_I26\_SEGMENT 2-5U BAR LIST.DGN

M:\PROJECTS\STATE\_DOT\NC\brl\_126\_nepa\bridge\microstation\brl126\_design\_files\0\_PROJECTS.dgn

14-Dec-2018 12:21 PM

REINFORCING STEEL SCHEDULE				DIMENSION TABLE																
SEGMENT 2-5U 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												



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

BLUE RIDGE PARKWAY

BRIDGE OVER I-26

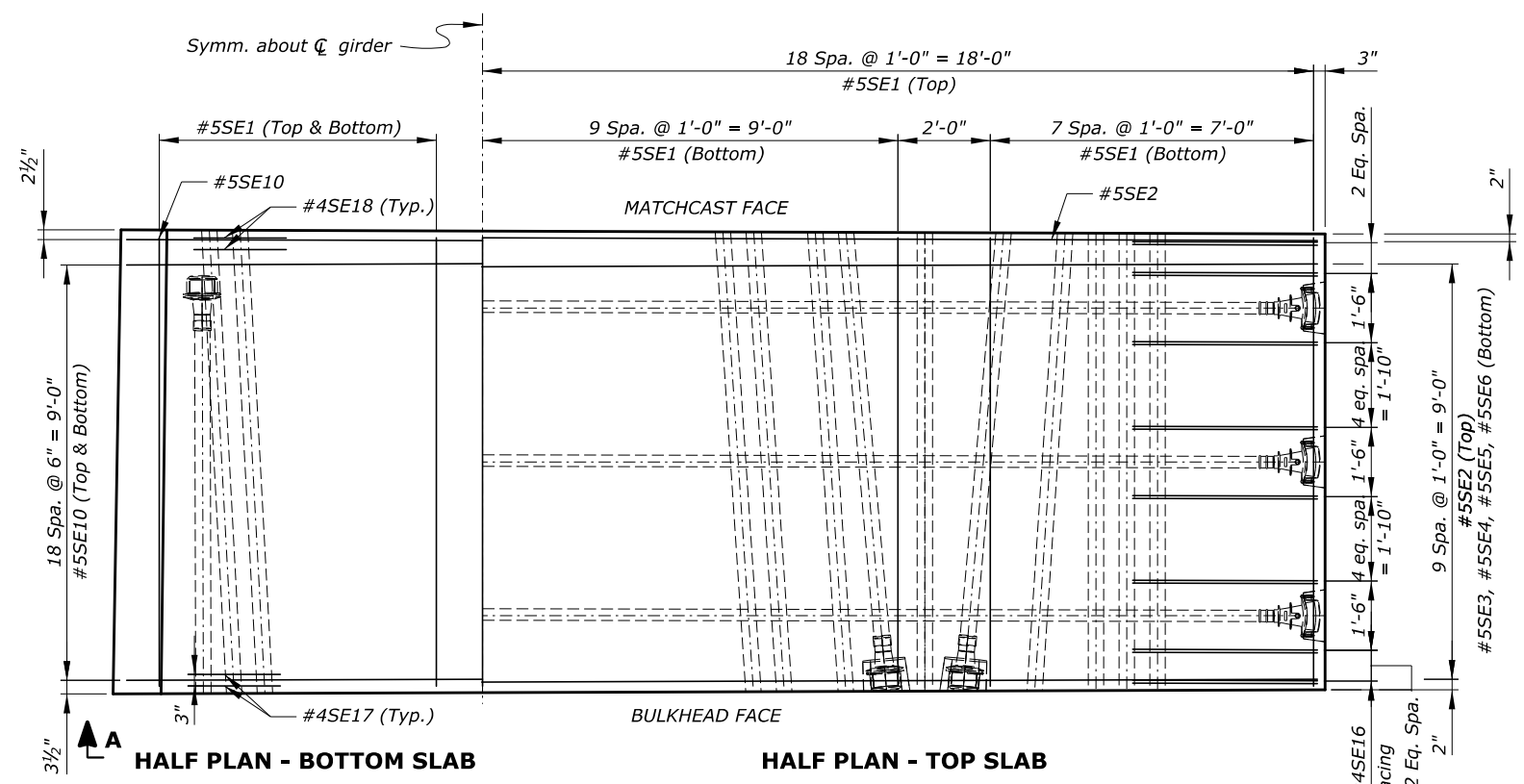
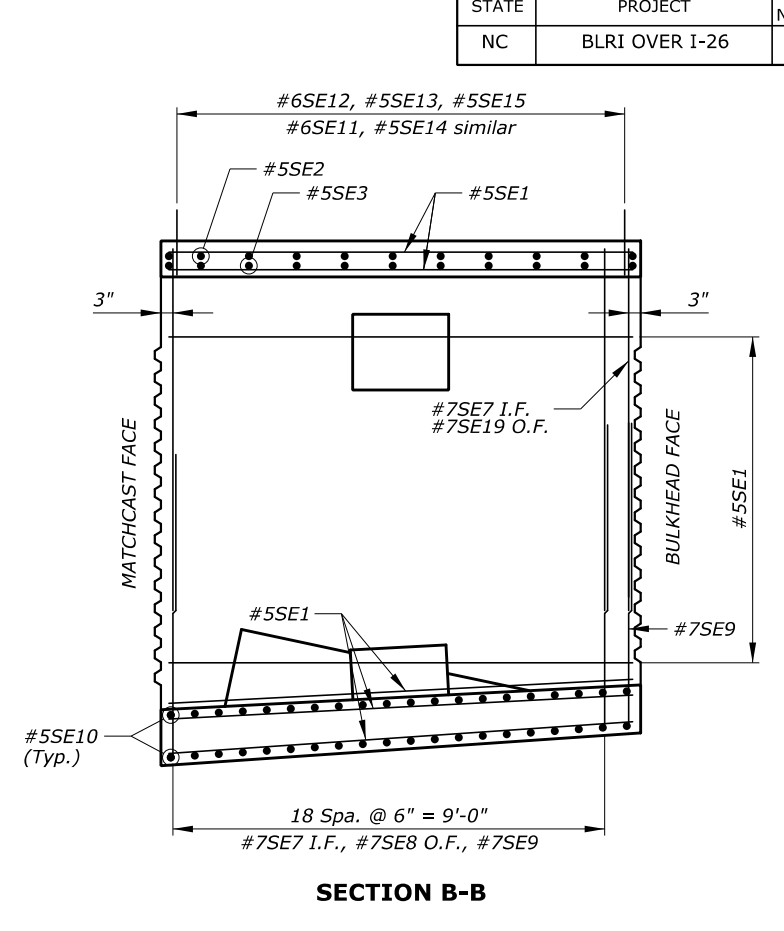
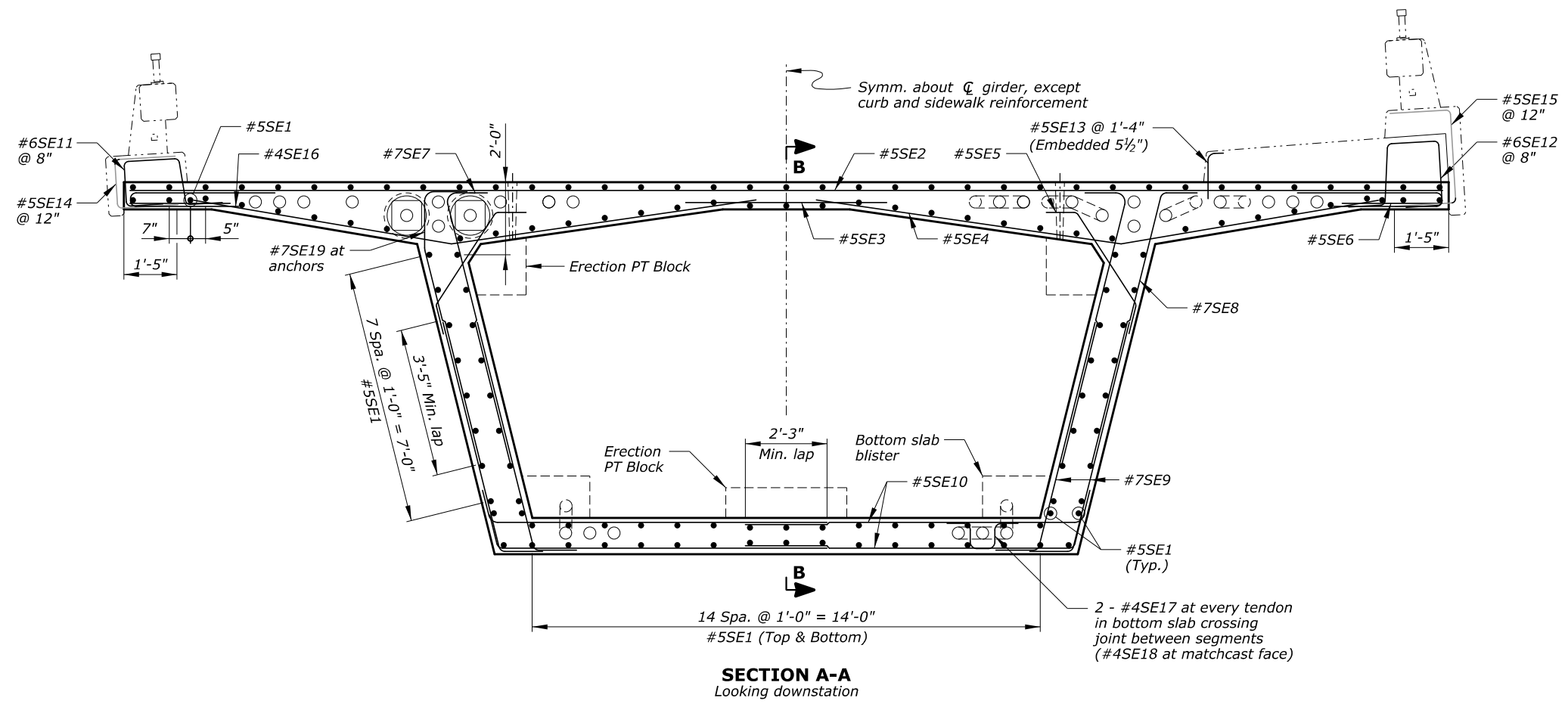
SEGMENT 2-5U  
 BAR LIST

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	165 of 228	December 2018	BRP-1265

ACTUAL FILE: R166\_BLR1\_I26\_SEGMENT 2-6U REINF. DGN

M:\PROJECTS\STATE\_DOT\NC\brl\_126\_nepa\Bridges\Microstation\Bridges Design Files\NO\_OP\PROJECTS.dgn

14-Dec-2018 12:21 PM



- 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 2-6U REINFORCEMENT**

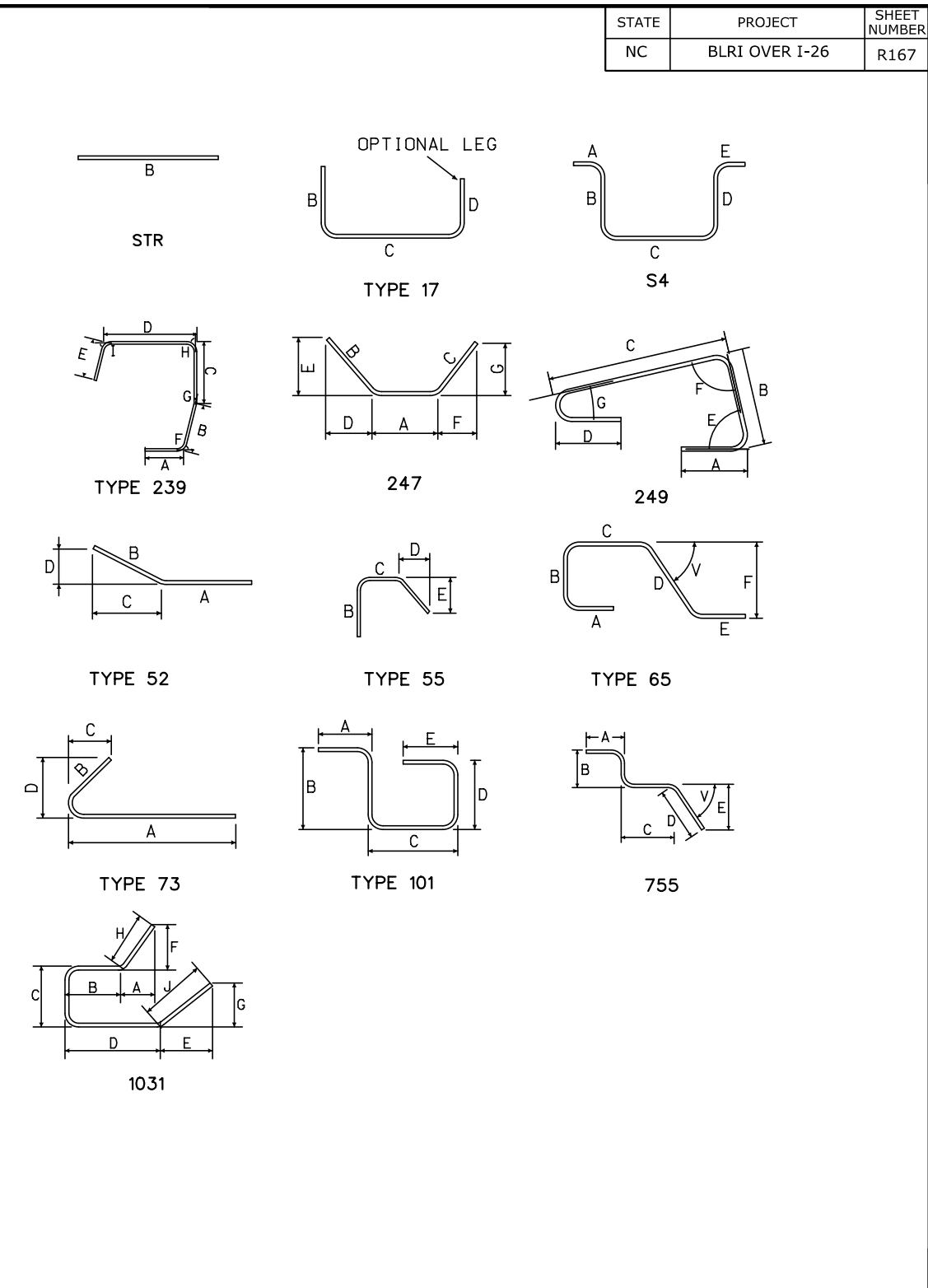
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC/CWN	BK/CC	HC	1/2" = 1'-0"	George Choubah	166 of 228	December 2018	BRP-1265

ACTUAL FILE: R167\_BLR1\_I26\_SEGMENT 2-6U BAR LIST.DGN

M:\PROJECTS\STATE\_DOT\NC\brl\_126\_nepa\Bridges\Microstation\Bridges Design Files\0\_PROJECTS.dgn

14-Dec-2018 12:21 PM

REINFORCING STEEL SCHEDULE				DIMENSION TABLE																
SEGMENT 2-6U 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"	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												



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

BLUE RIDGE PARKWAY

BRIDGE OVER I-26

SEGMENT 2-6U  
 BAR LIST

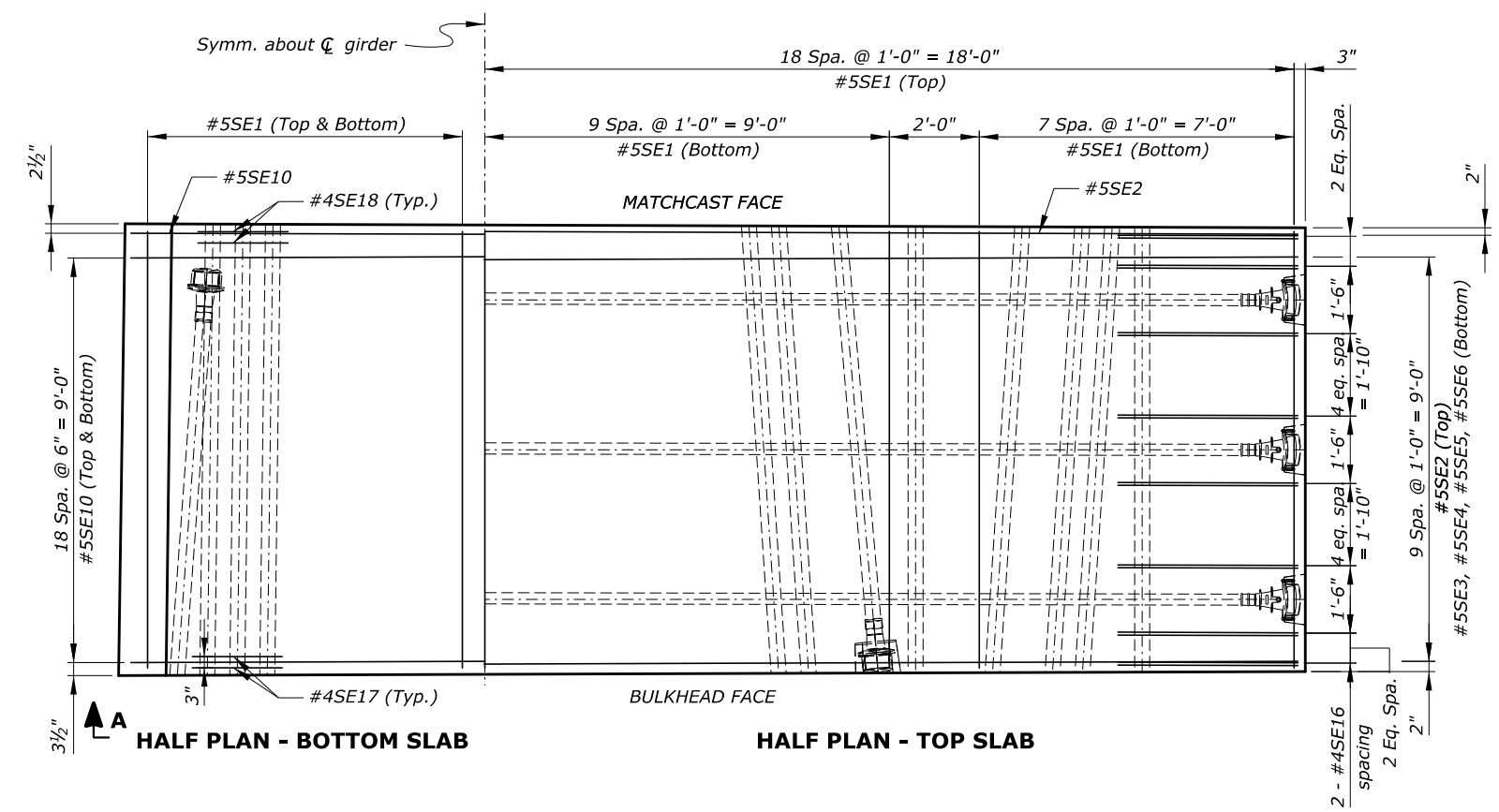
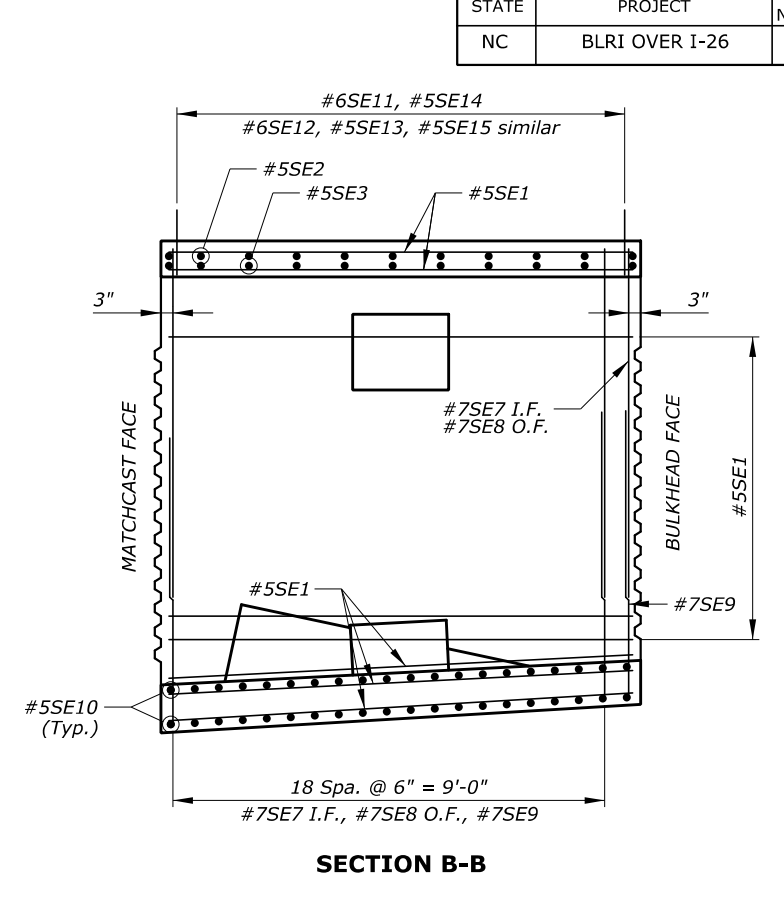
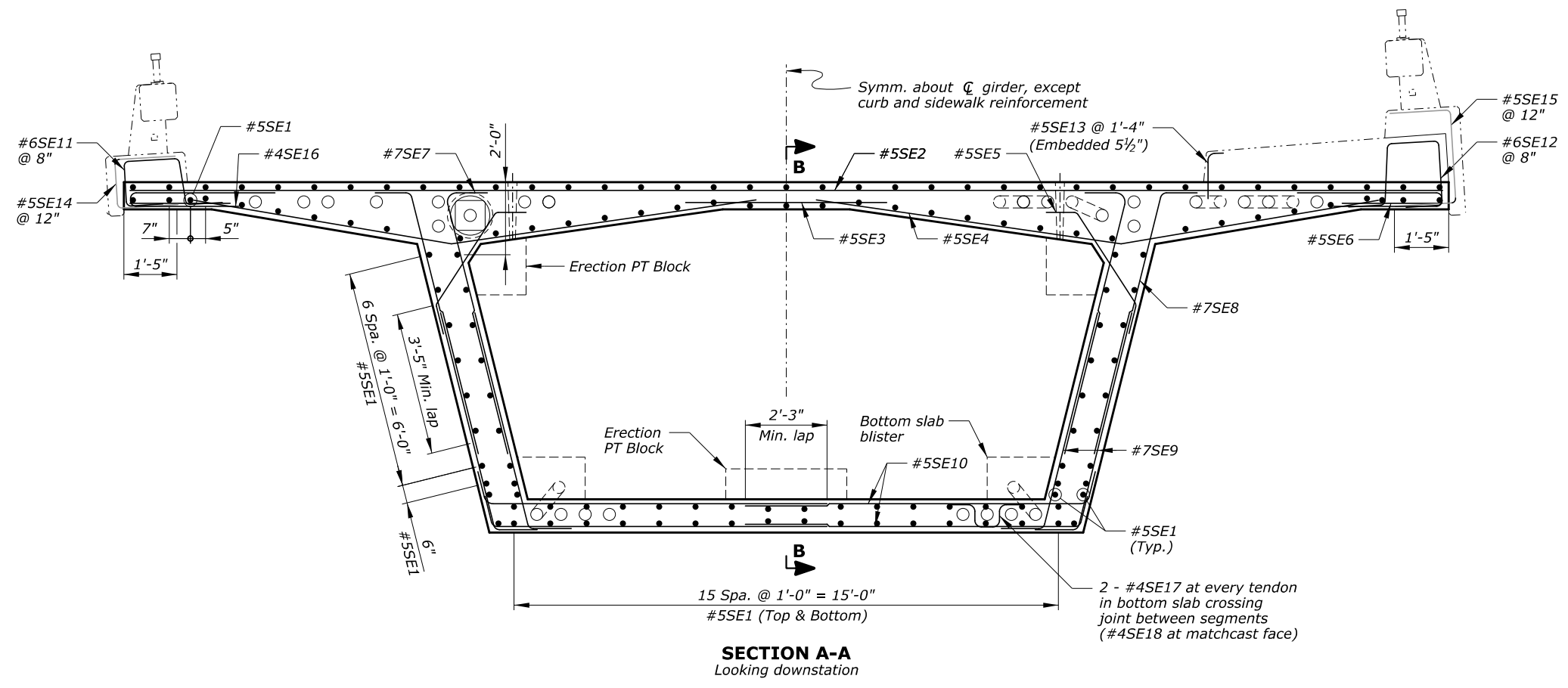
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC	CC	LE	No Scale	George Choubah	167 of 228	December 2018	BRP-1265

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R168

ACTUAL FILE: R168\_BLR1\_I26\_SEGMENT 2-7U REINF. DGN

M:\PROJECTS\STATE\_DOT\NC\brl\_i26\_nepa\bridge\microstation\bridge Design Files\NO\_OP\PROJECTS.dgn

14-Dec-2018 12:21 PM



- 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 2-7U REINFORCEMENT**

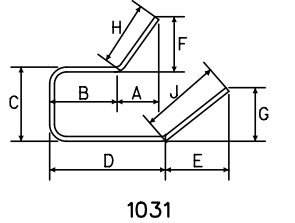
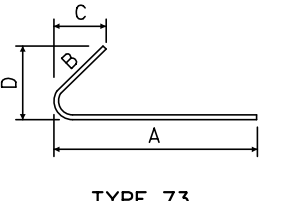
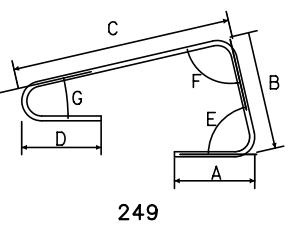
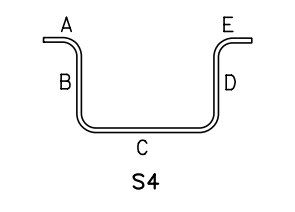
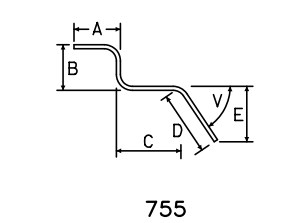
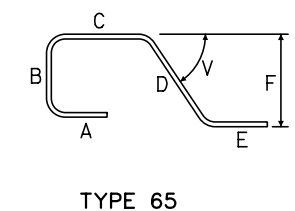
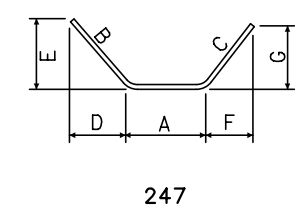
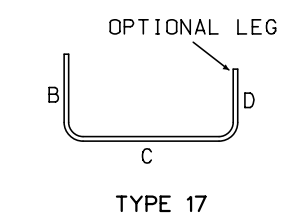
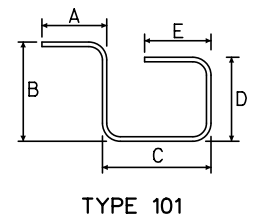
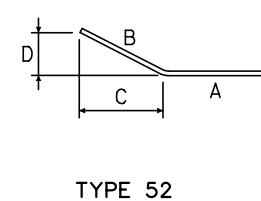
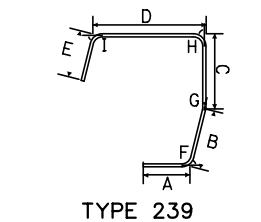
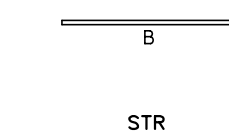
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC/CWN	BK/CC	HC	1/2" = 1'-0"	George Choubah	168 of 228	December 2018	BRP-1265

ACTUAL FILE:R169\_BLR1\_I26\_SEGMENT 2-7U BAR LIST.DGN

M:\PROJECTS\STATE\_DOT\NC\brl\_126\_nepa\Bridges\Microstation\Bridg Design Files\NO\_PROJECTS.dgn

14-Dec-2018 12:21 PM

REINFORCING STEEL SCHEDULE				DIMENSION TABLE																	
SEGMENT 2-7U 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													



U.S. DEPARTMENT OF TRANSPORTATION  
 FEDERAL HIGHWAY ADMINISTRATION  
 EASTERN FEDERAL LANDS HIGHWAY DIVISION  
 BLUE RIDGE PARKWAY  
 BRIDGE OVER I-26  
 SEGMENT 2-7U  
 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	169 of 228	December 2018	BRP-1265

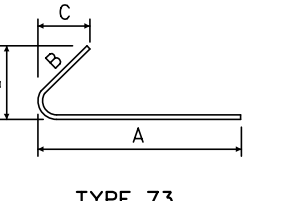
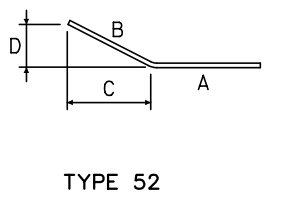
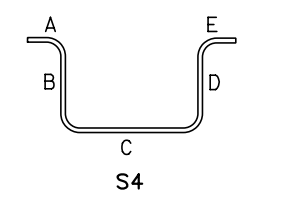
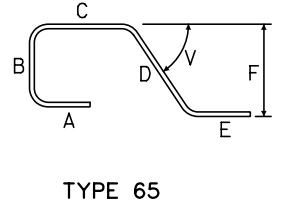
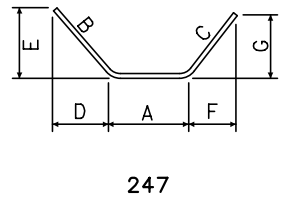
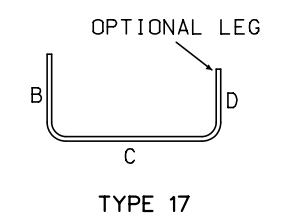
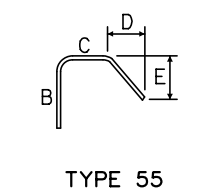
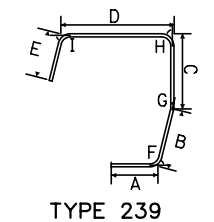
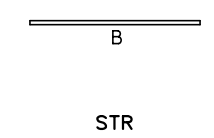


ACTUAL FILE: R171\_BLR1\_I26\_SEGMENT 2-8U BAR LIST.DGN

M:\PROJECTS\STATE\_DOT\NC\brl\_I26\_nepa\Bridges\Microstation\Bridges Design Files\0\_PROJECTS.dgn

14-Dec-2018 12:21 PM

REINFORCING STEEL SCHEDULE				DIMENSION TABLE																
SEGMENT 2-8U 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.	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												



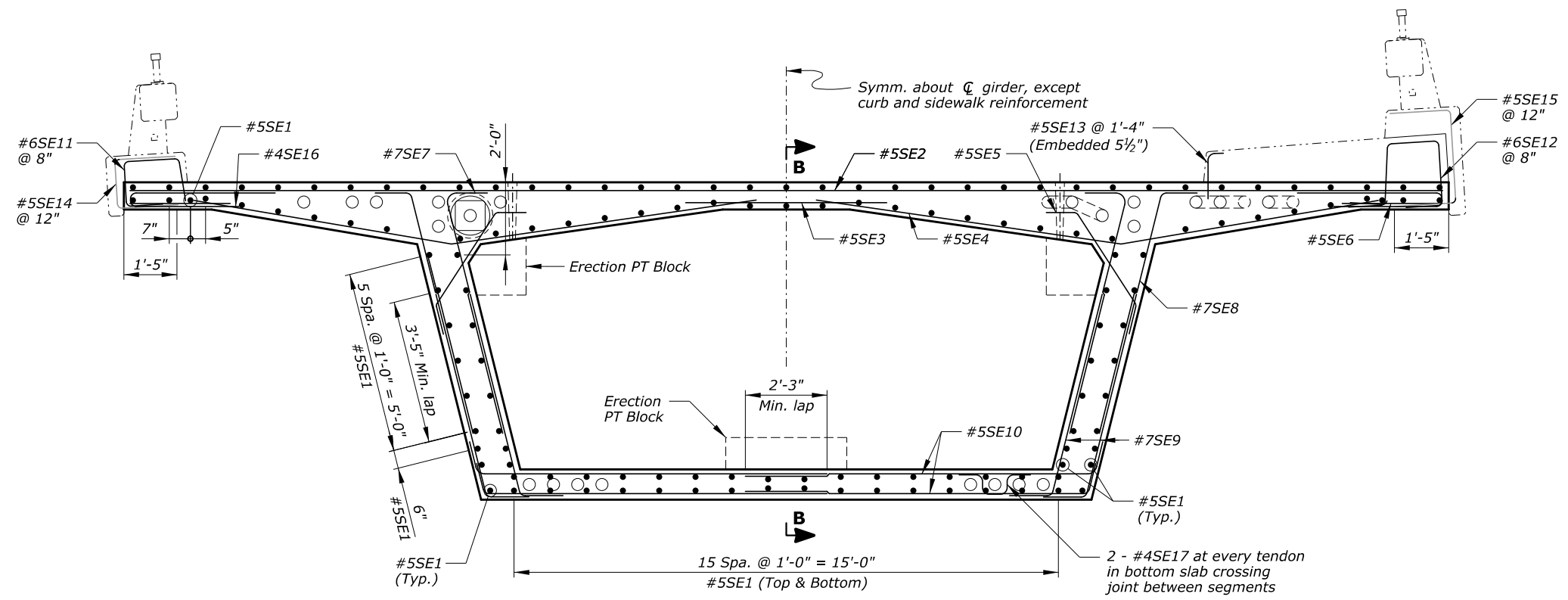
U.S. DEPARTMENT OF TRANSPORTATION  
 FEDERAL HIGHWAY ADMINISTRATION  
 EASTERN FEDERAL LANDS HIGHWAY DIVISION  
 BLUE RIDGE PARKWAY  
 BRIDGE OVER I-26  
 SEGMENT 2-8U  
 BAR LIST

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	171 of 228	December 2018	BRP-1265

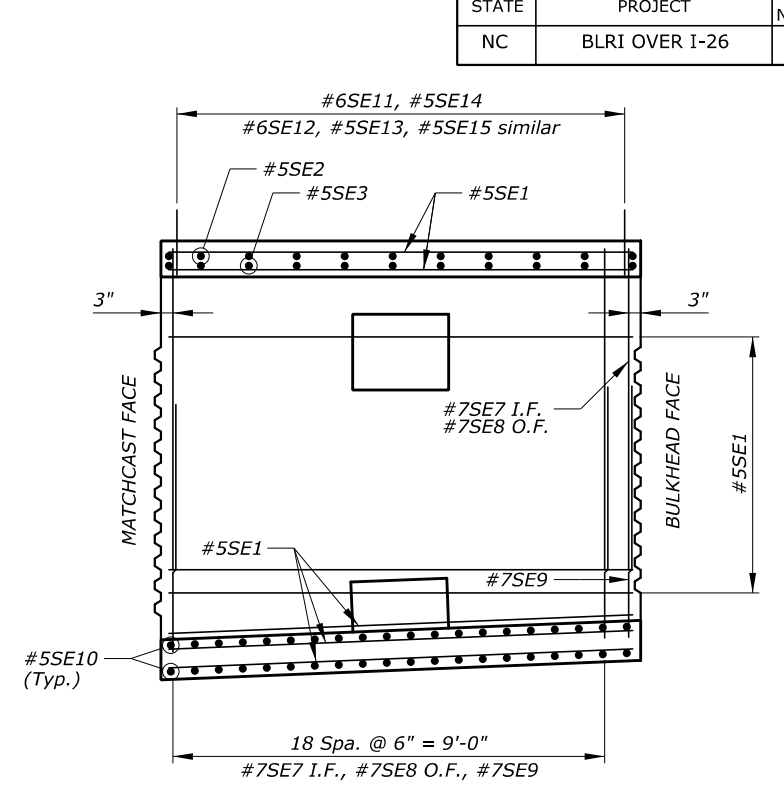
ACTUAL FILE: R172\_BLR1\_I26\_SEGMENT 2-9U REINF. DGN

M:\PROJECTS\STATE\_DOT\NC\blri\_I26\_nepa\Bridges\Microstation\Bridges Design Files\NO\_OP\PROJECTS.dgn

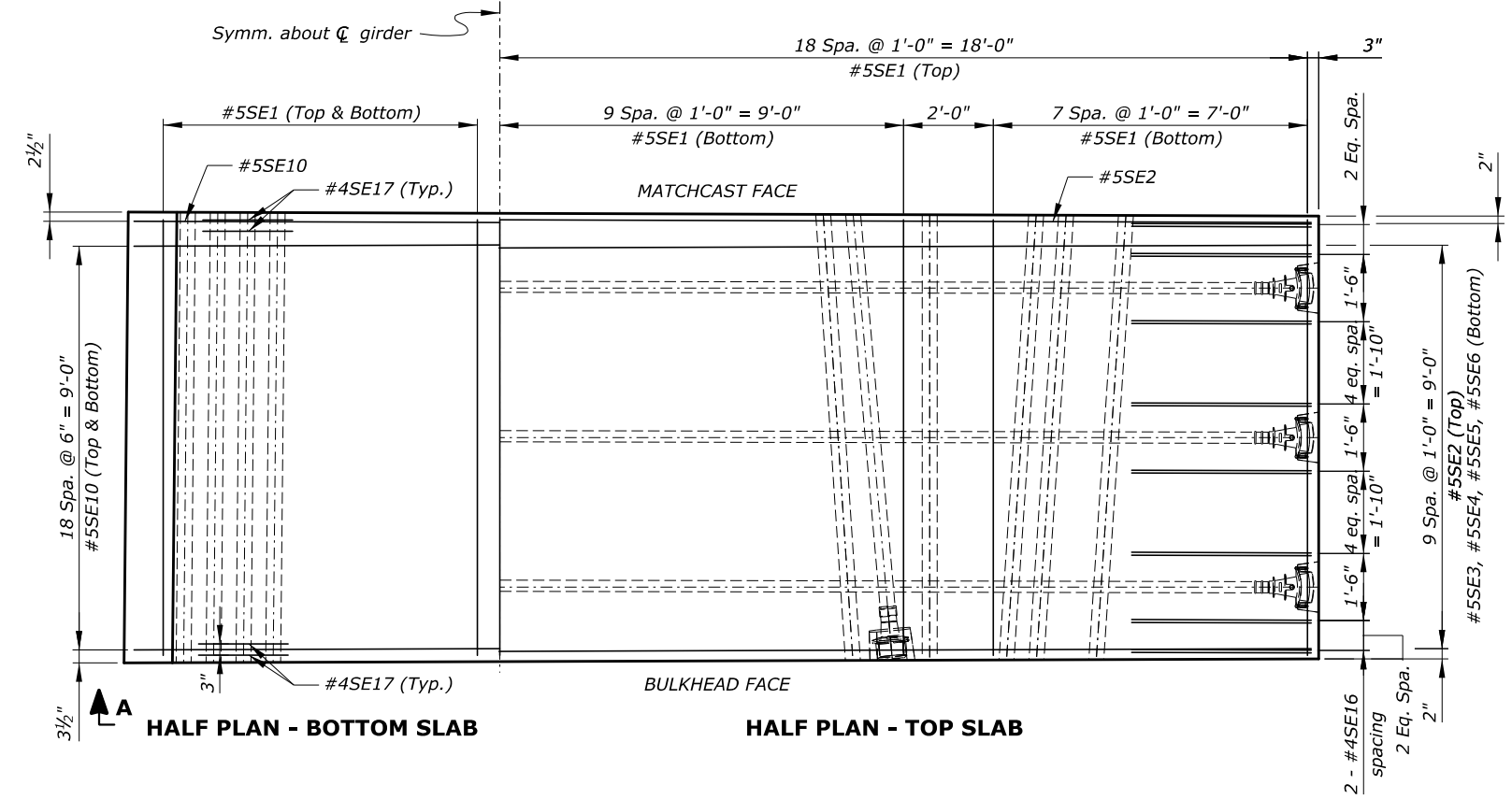
14-Dec-2018 12:21 PM



**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.

**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 2-9U 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	172 of 228	December 2018	BRP-1265

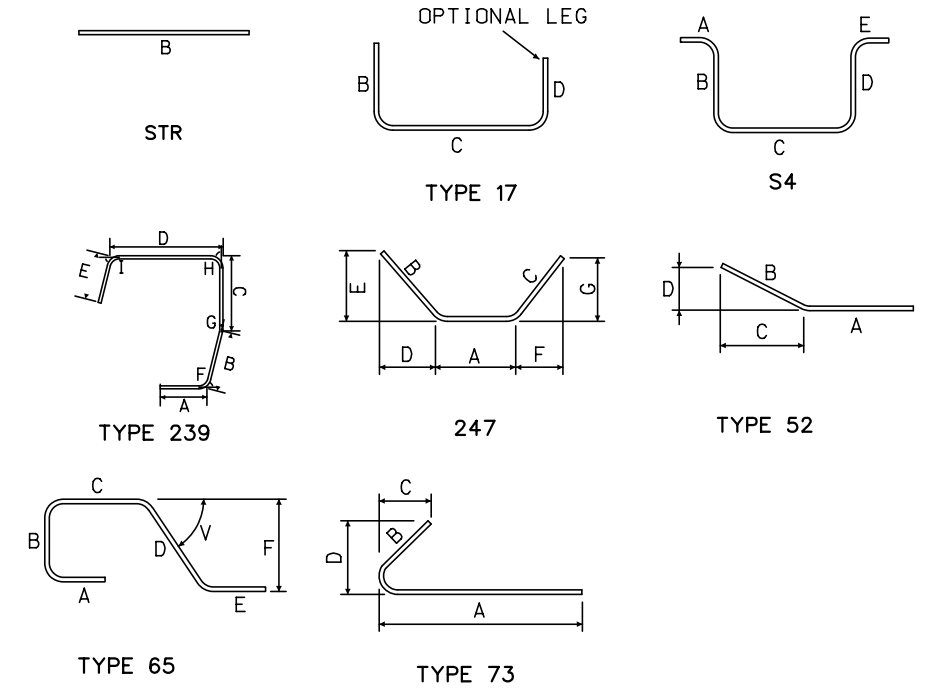


ACTUAL FILE: R173\_BLR1\_I26\_SEGMENT 2-9U BAR LIST.DGN

M:\PROJECTS\STATE\_DOT\NC\brl\_126\_nepa\Bridges\Microstation\Bridges Design Files\NO\_OP\PROJECT.s.dgn

14-Dec-2018 12:21 PM

REINFORCING STEEL SCHEDULE				DIMENSION TABLE																		
SEGMENT 2-9U 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.	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	R173

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

BLUE RIDGE PARKWAY

BRIDGE OVER I-26

SEGMENT 2-9U  
 BAR LIST

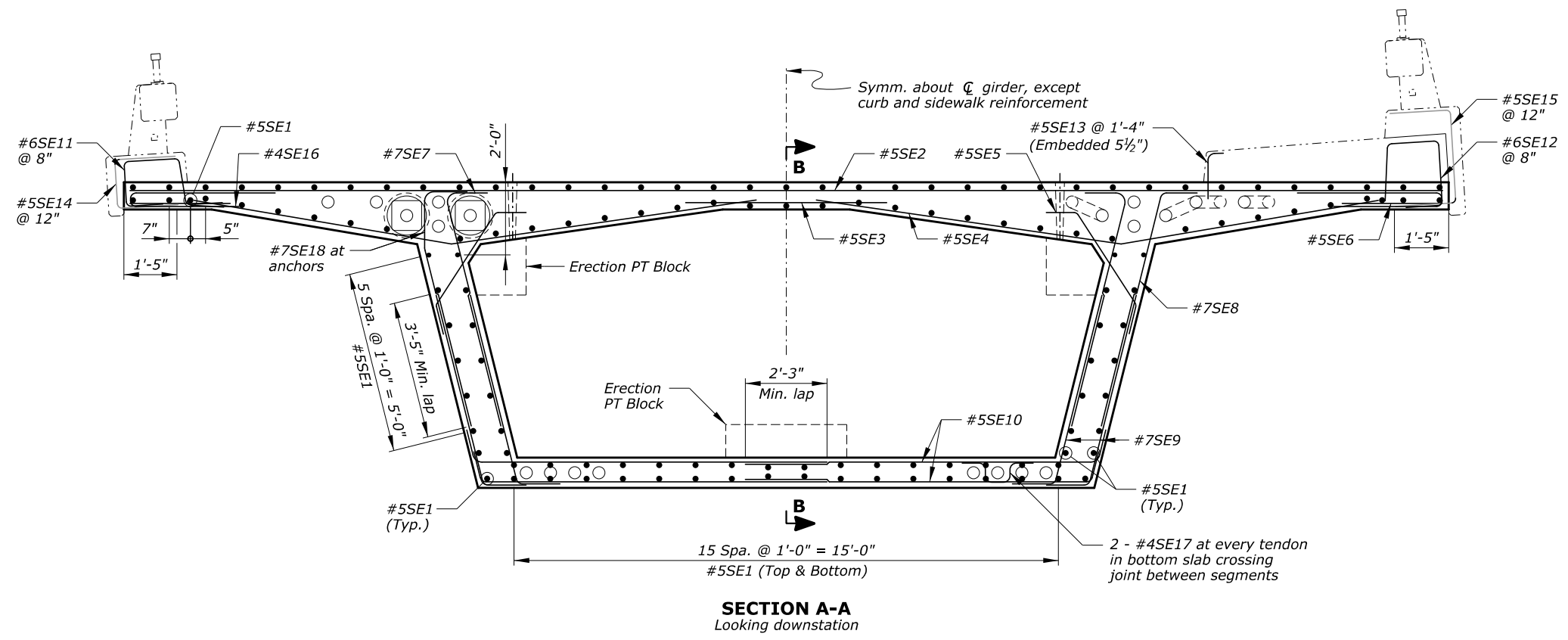
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC	CC	LE	No Scale	George Choubah	173 of 228	December 2018	BRP-1265

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R174

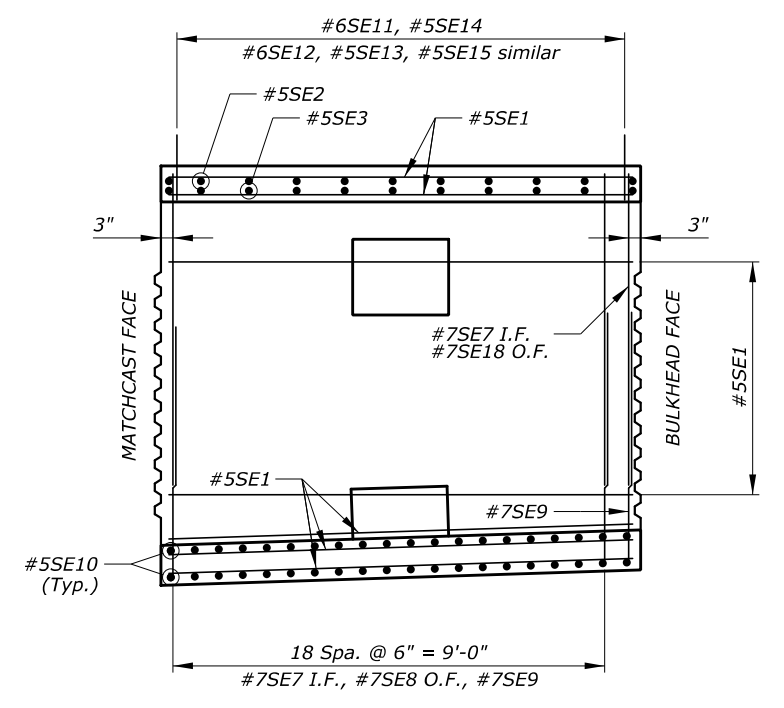
ACTUAL FILE: R174\_BLR1\_I26\_SEGMENT 2-10U REINF. DGN

M:\PROJECTS\STATE\_DOT\NC\brl\_126\_nepa\Bridges\Microstation\Bridges Design Files\NO\_OP\PROJECTS.dgn

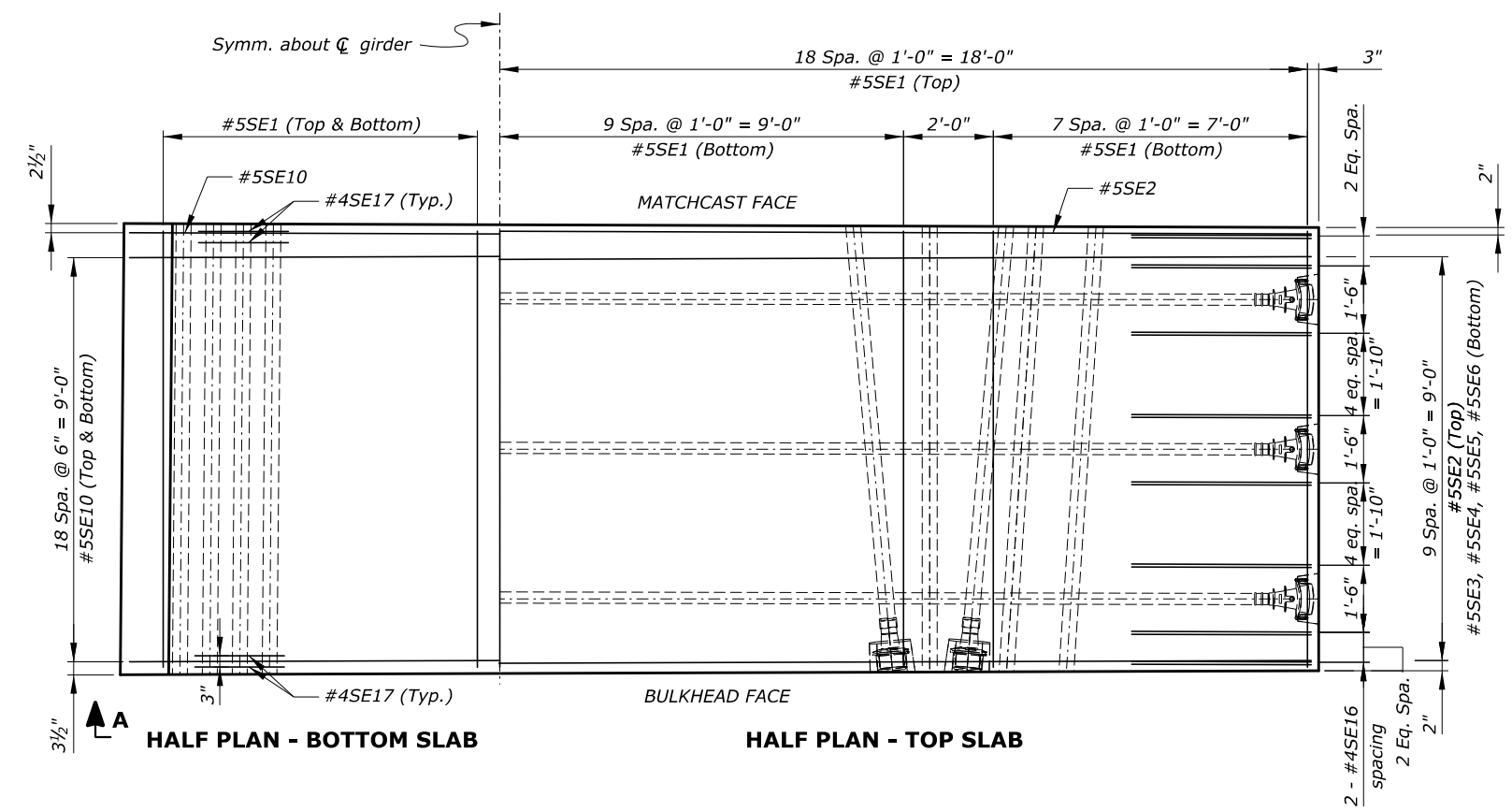
14-Dec-2018 12:21 PM



**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 2-10U REINFORCEMENT**

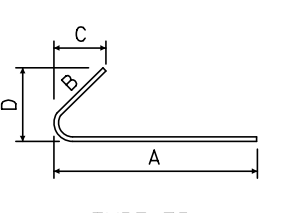
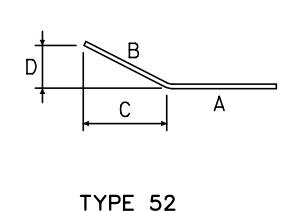
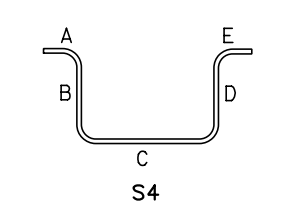
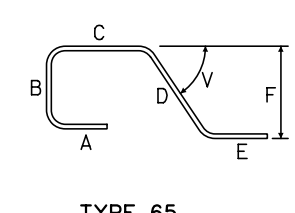
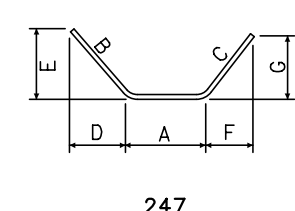
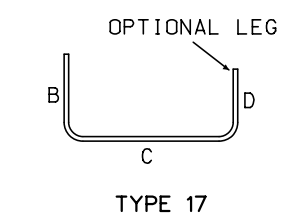
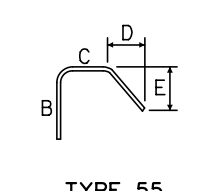
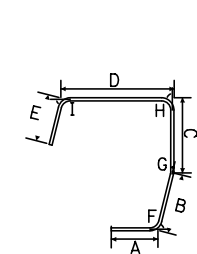
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC/CWN	BK/CC	HC	1/2" = 1'-0"	George Choubah	174 of 228	December 2018	BRP-1265

ACTUAL FILE: R175\_BLR1\_126\_SEGMENT 2-10U BAR LIST.DGN

M:\PROJECTS\STATE\_DOT\NC\brl\_126\_nepa\Bridges\Microstation\Bridges Design Files\NO\_OP\PROJECTS.dgn

14-Dec-2018 12:21 PM

REINFORCING STEEL SCHEDULE				DIMENSION TABLE																
SEGMENT 2-10U 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.	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 2-10U  
 BAR LIST

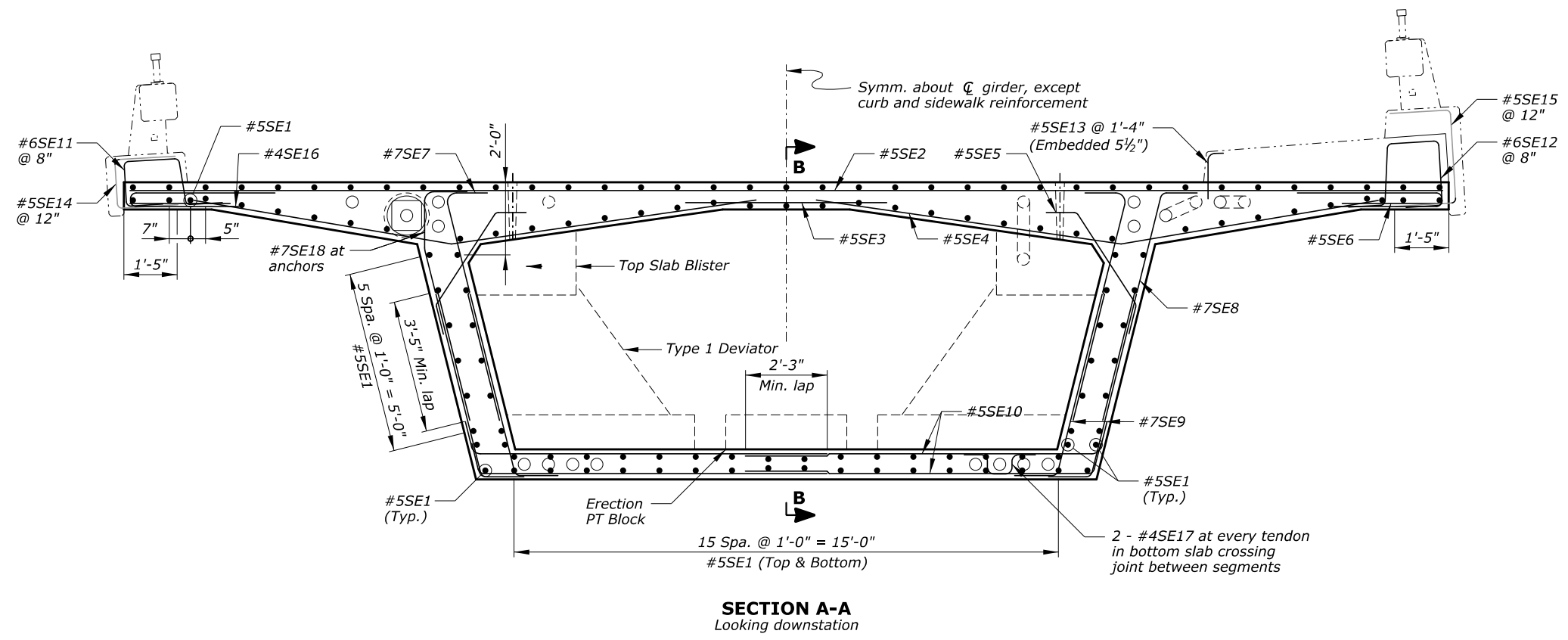
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC	CC	LE	No Scale	George Choubah	175 of 228	December 2018	BRP-1265

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R176

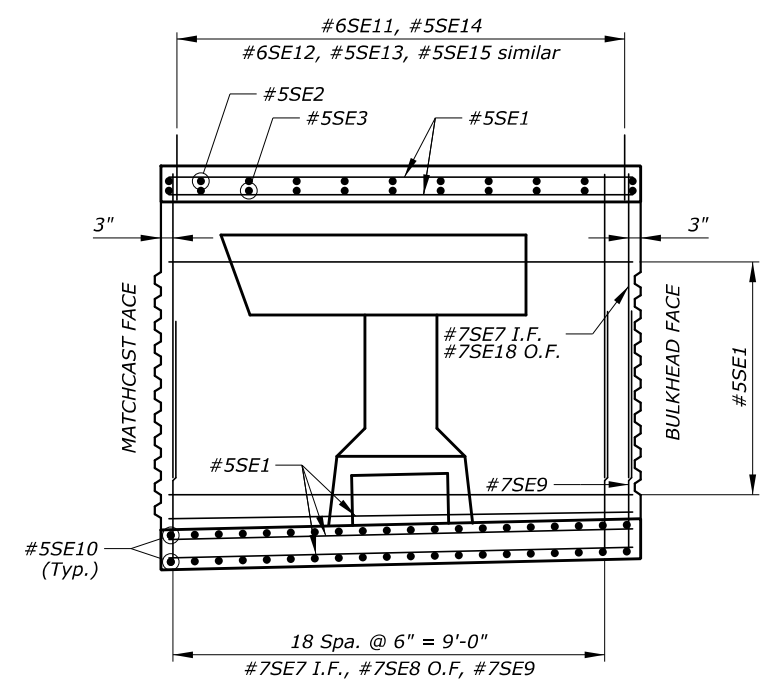
ACTUAL FILE: R176\_BLR1\_I26\_SEGMENT 2-11U REINF. DGN

M:\PROJECTS\STATE\_DOT\NC\brl\_126\_nepa\bridge\microstation\brldge Design Files\NO\_OP\PROJECTS.dgn

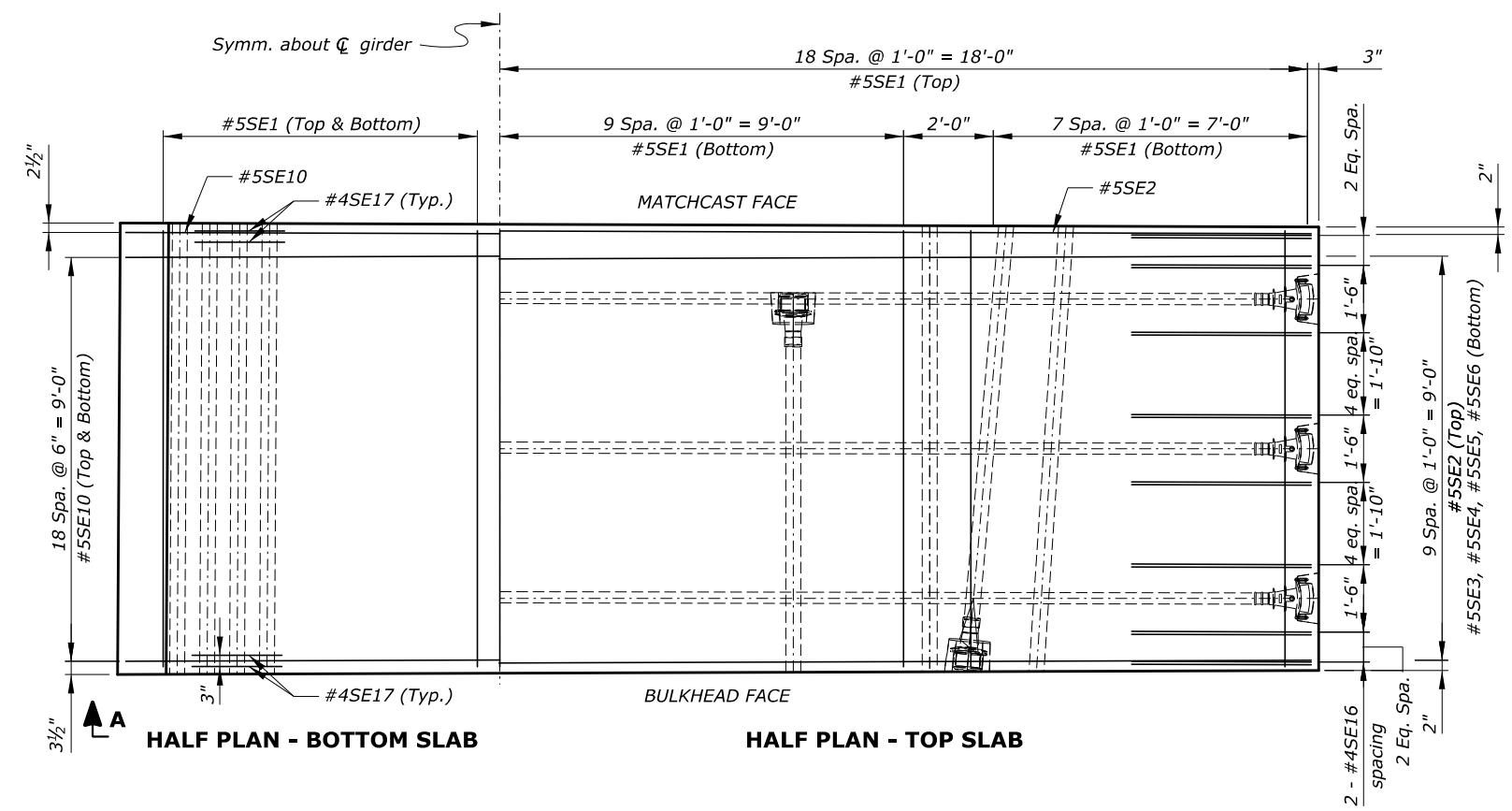
14-Dec-2018 12:21 PM



**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 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 2-11U REINFORCEMENT**

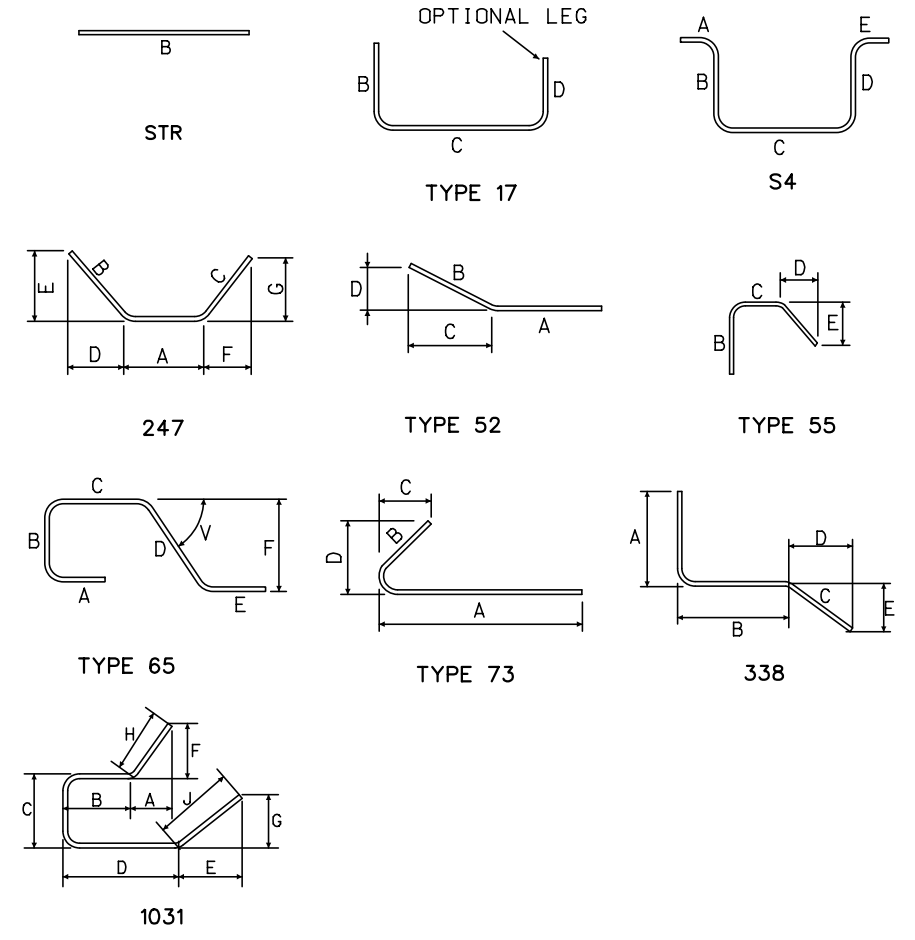
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC/CWN	BK/CC	HC	½" = 1'-0"	George Choubah	176 of 228	December 2018	BRP-1265

ACTUAL FILE: R177\_BLR1\_I26\_SEGMENT 2-11U BAR LIST - 1.DGN

M:\PROJECTS\STATE\_DOT\NC\brl\_126\_nepa\Bridges\Microstation\Bridg Design Files\NO\_OP\PROJECTS.dgn

14-Dec-2018 12:21 PM

REINFORCING STEEL SCHEDULE				DIMENSION TABLE																	
SEGMENT 2-11U 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.	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.	2 sets of 10'-10 1/2" at 0'-9" incr.		176	1'-0"	5'-3 1/4"	1'-3"	5'-3 1/4"	1'-0"									
					5 at 0'-9" incr.				3'-9 3/4"	0'-5"	3'-9 3/4"										
									at 0'-5" incr.		at 0'-5" incr.										
*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	R177

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

BLUE RIDGE PARKWAY

BRIDGE OVER I-26

SEGMENT 2-11U  
 BAR LIST - 1

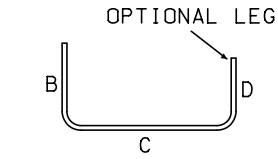
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC	CC	LE	No Scale	George Choubah	177 of 228	December 2018	BRP-1265

ACTUAL FILE: R178\_BLR1\_I26\_SEGMENT 2-11U BAR LIST - 2.DGN

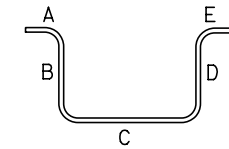
M:\PROJECTS\STATE\_DOT\NC\brl\_126\_nepa\Bridges\Microstation\Bridg Design Files\NO\_PROJECTS.dgn

14-Dec-2018 12:21 PM

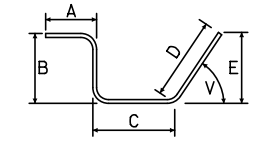
REINFORCING STEEL SCHEDULE				DIMENSION TABLE																	
TOP SLAB BLISTER BAR LIST																					
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT	A	B	C	D	E	F	G	H	J	K	O	R	V or N	
*6TE1	6	17	0'-4 1/2"	Longitudinal	10	10'-8"	160		9'-8"	1'-0"											
*5TE2	5	753	0'-3 3/4"	Longitudinal	6	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													



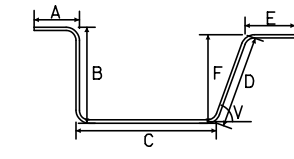
TYPE 17



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 2-11U  
 BAR LIST - 2

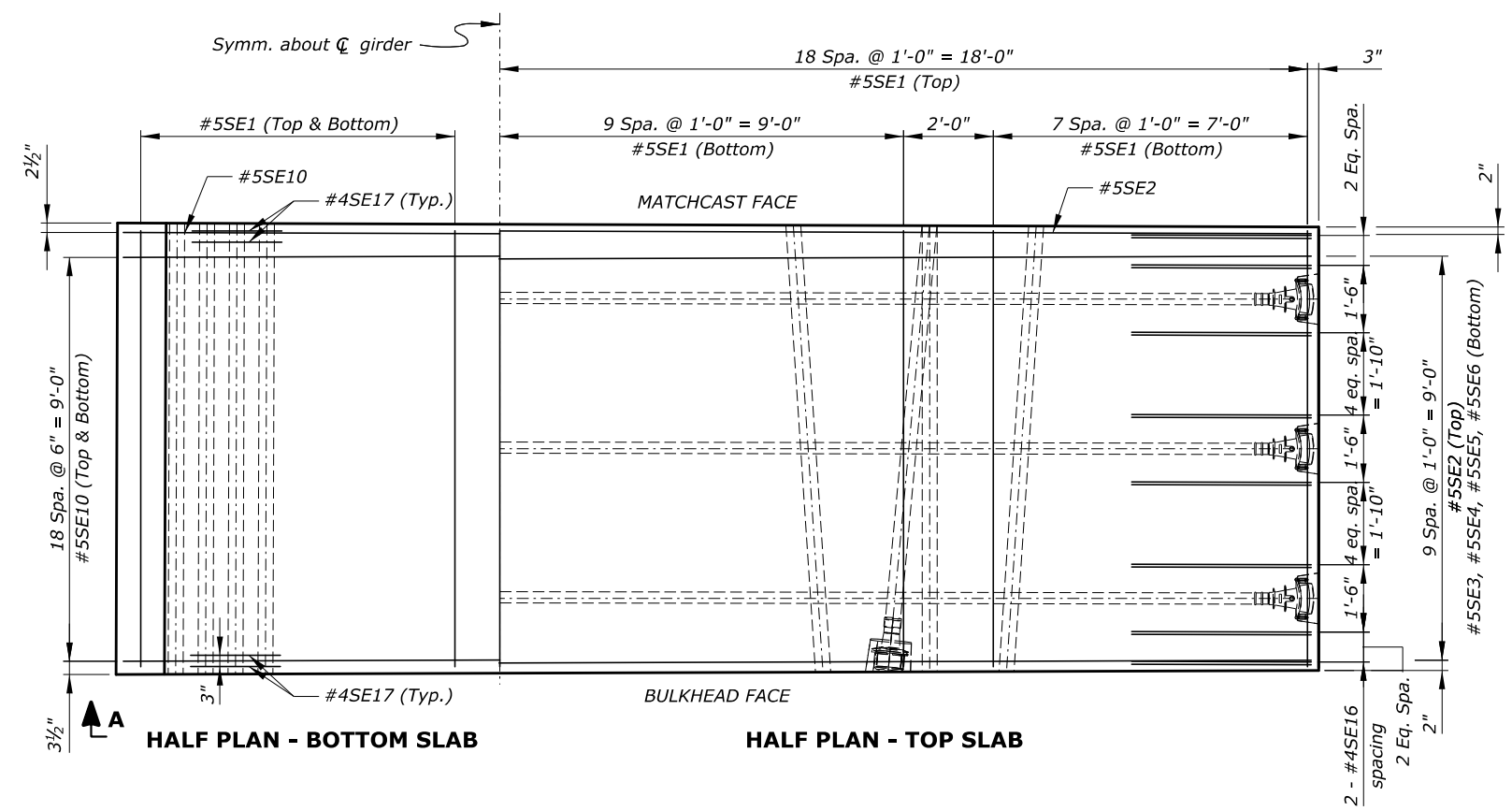
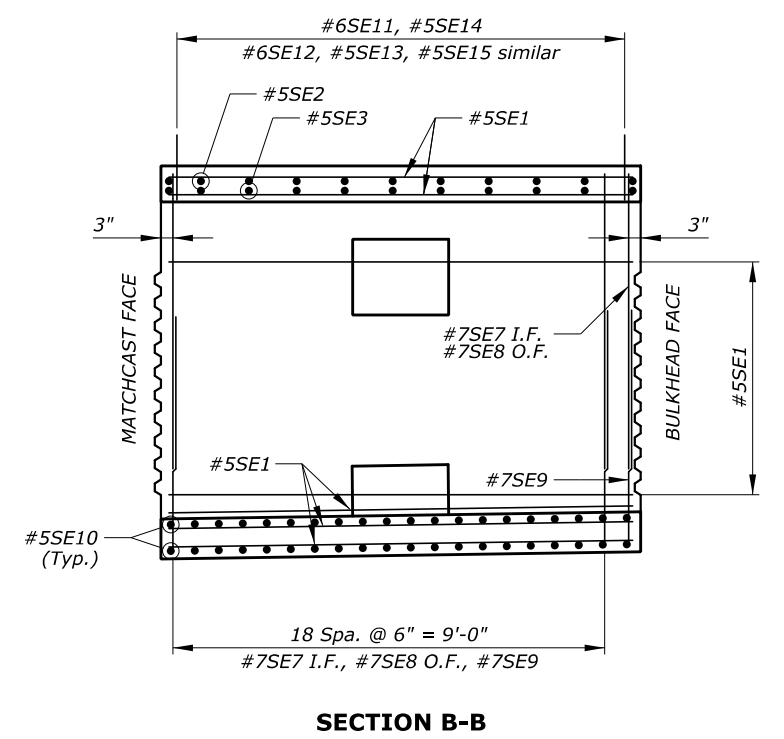
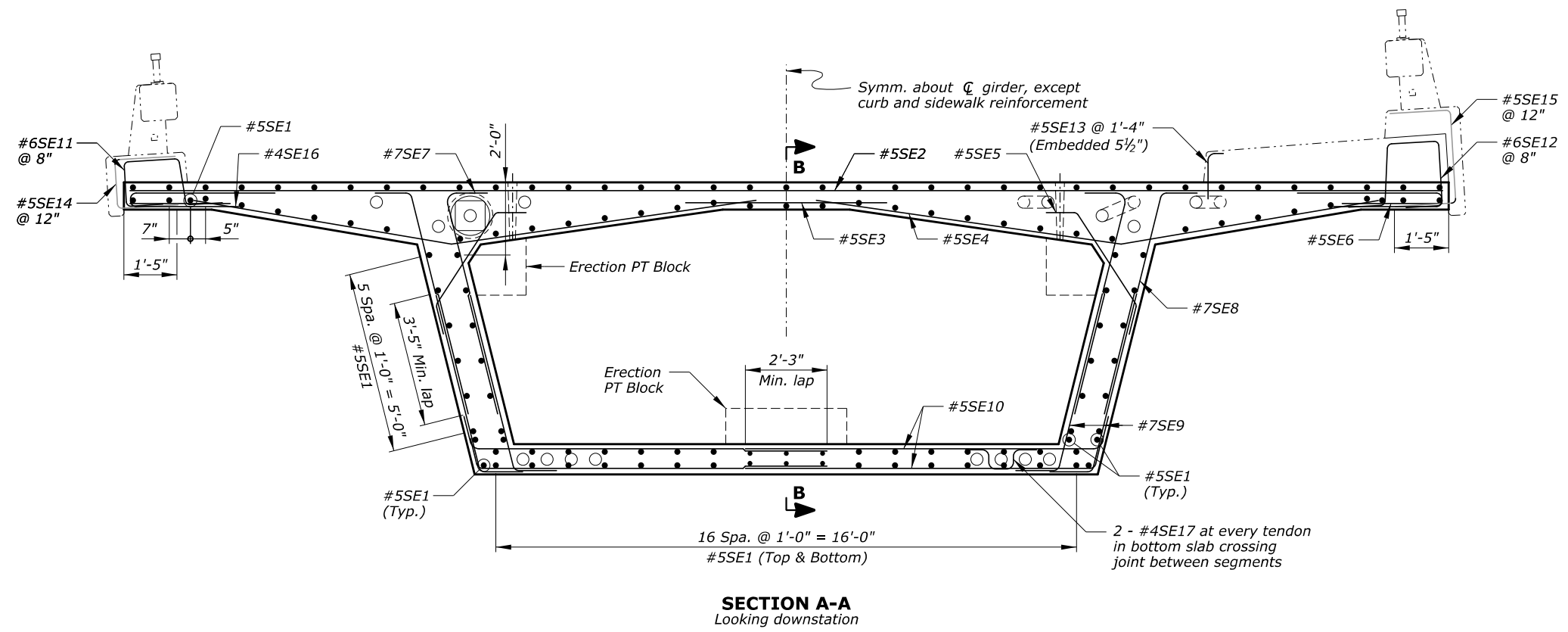
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC	CC	LE	No Scale	George Choubah	178 of 228	December 2018	BRP-1265

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R179

ACTUAL FILE: R179\_BLR1\_I26\_SEGMENT 2-12U REINF. DGN

M:\PROJECTS\STATE\_DOT\NC\brl\_126\_nepa\Bridges\Microstation\Bridges Design Files\NO\_PROJECTS.dgn

14-Dec-2018 12:21 PM



- 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 "ERECTOR ANCHOR BLOCK" sheet.
  4. See "BULKHEAD DETAILS" sheet for shear key locations and details.

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 2-12U REINFORCEMENT**

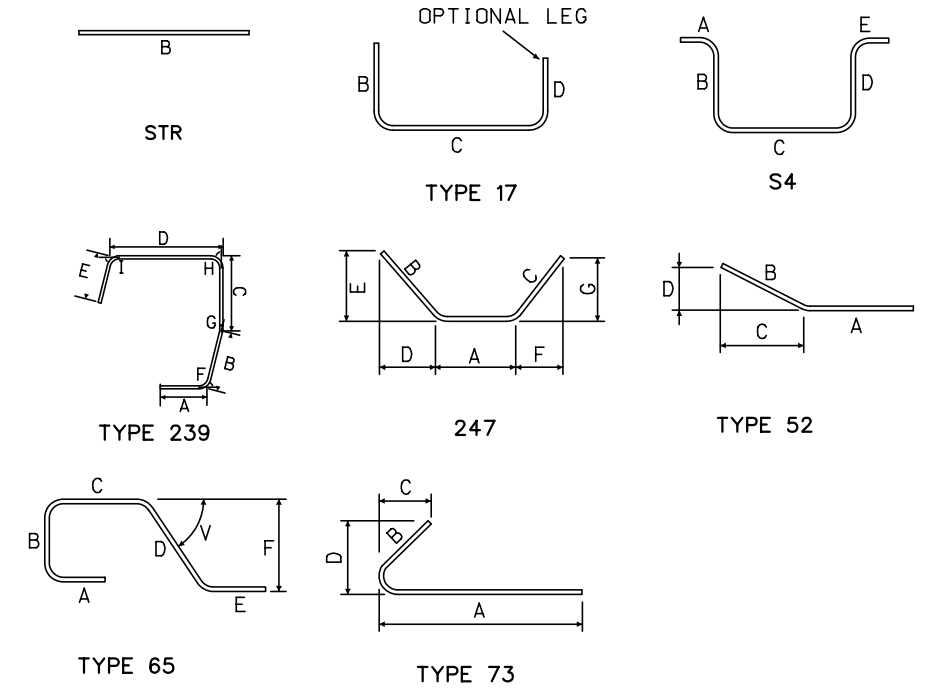
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC/CWN	BK/CC	HC	½" = 1'-0"	George Choubah	179 of 228	December 2018	BRP-1265

ACTUAL FILE: R180\_BLR1\_126\_SEGMENT 2-12U BAR LIST.DGN

M:\PROJECTS\STATE\_DOT\NC\brl\_126\_nepa\Bridges\Microstation\Bridges Design Files\NO\_OP\PROJECT.s.dgn

14-Dec-2018 12:22 PM

REINFORCING STEEL SCHEDULE				DIMENSION TABLE																	
SEGMENT 2-12U 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.	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	R180

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

BLUE RIDGE PARKWAY

BRIDGE OVER I-26

SEGMENT 2-12U  
 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	180 of 228	December 2018	BRP-1265

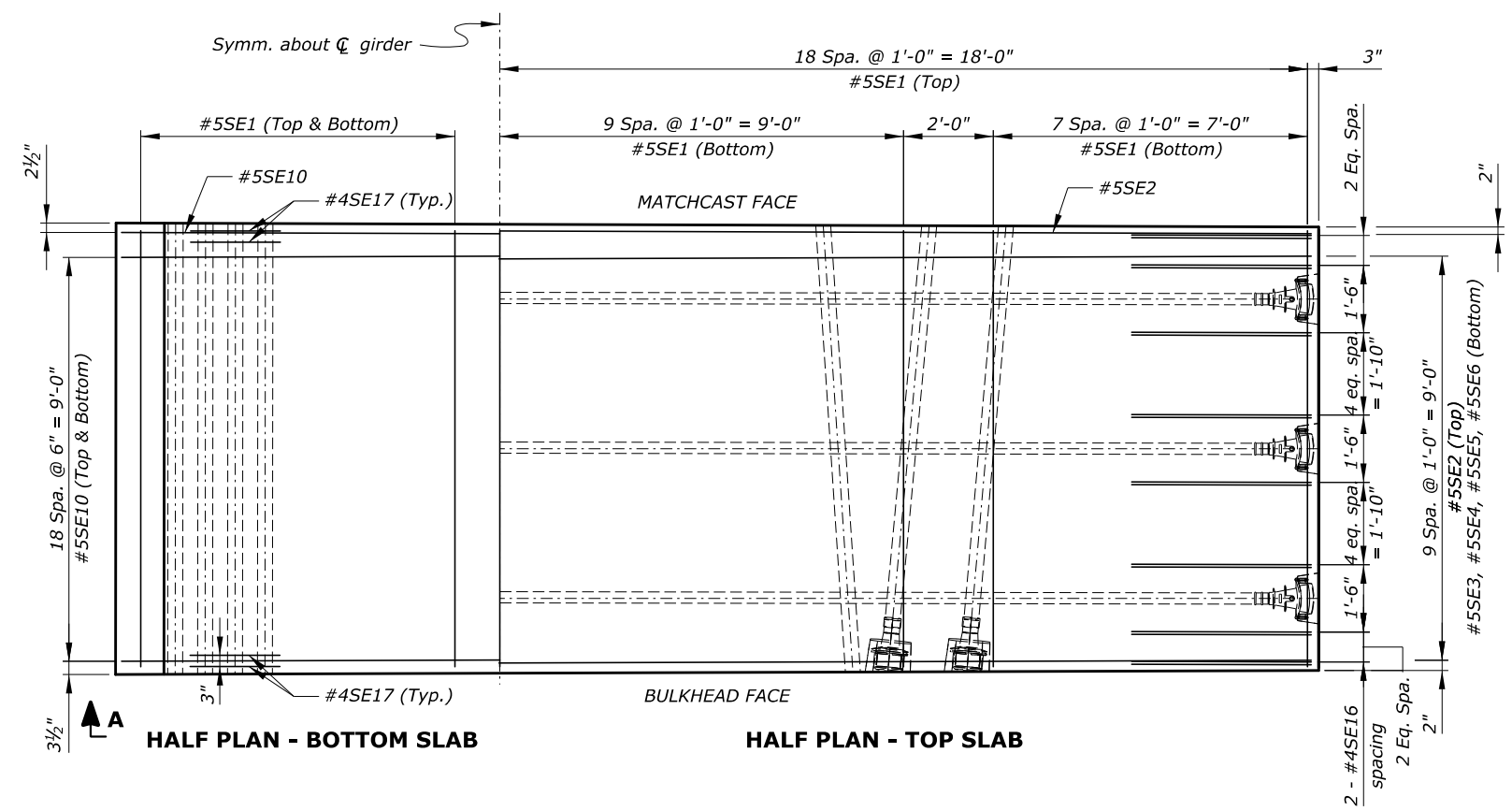
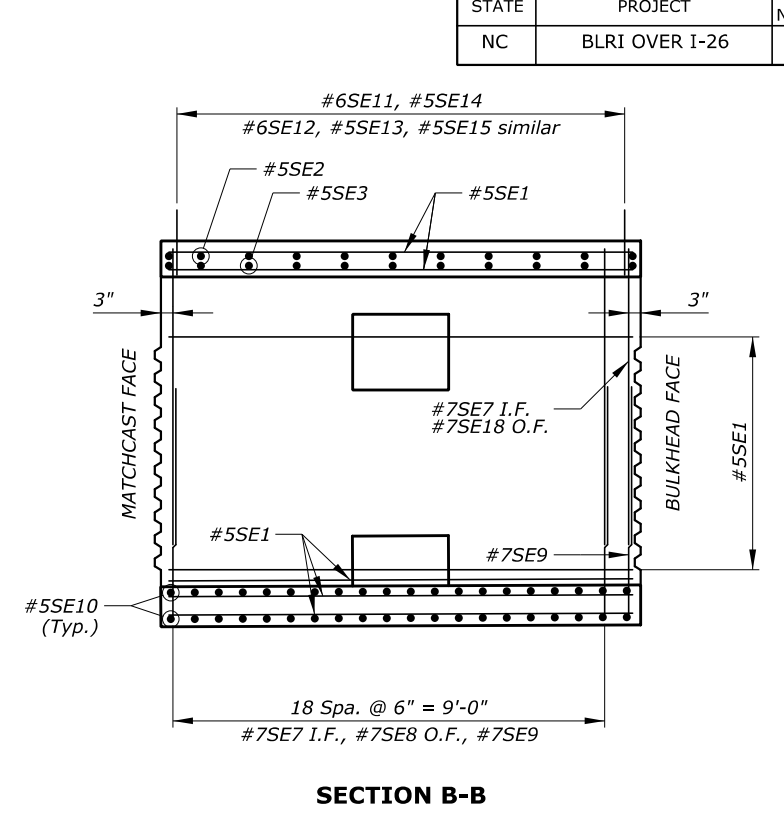
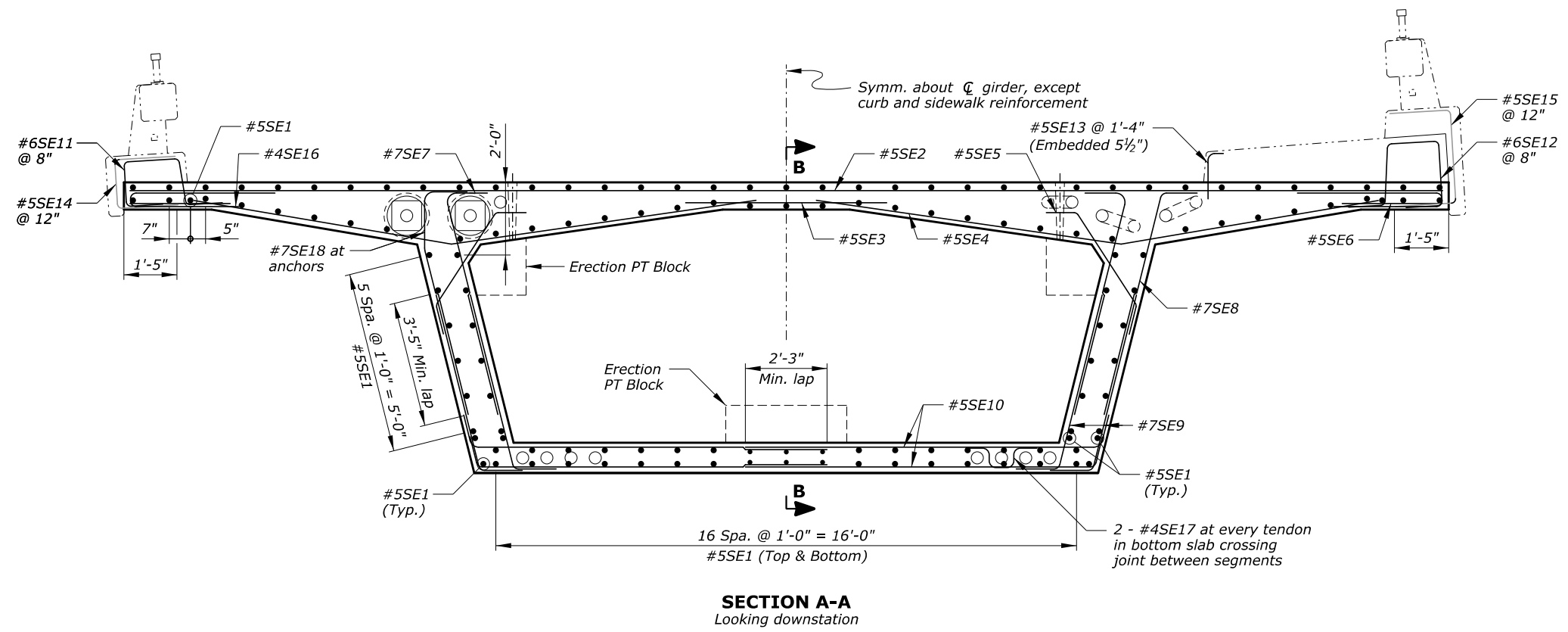


STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R181

ACTUAL FILE: R181\_BLR1\_I26\_SEGMENT 2-13U REINF. DGN

M:\PROJECTS\STATE\_DOT\NC\brl\_126\_nepa\Bridges\Microstation\Bridges Design Files\NO\_OP\PROJECTS.dgn

14-Dec-2018 12:22 PM



- 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 2-13U REINFORCEMENT

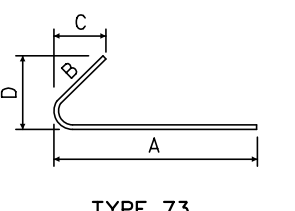
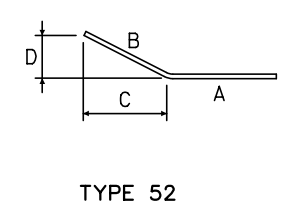
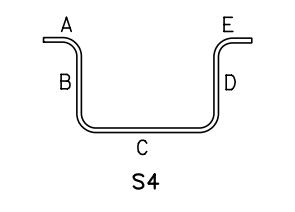
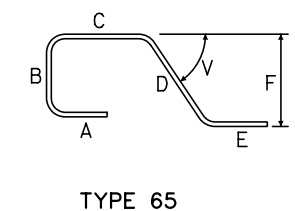
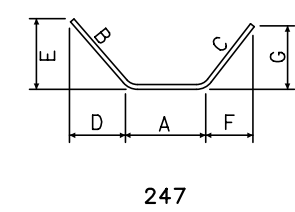
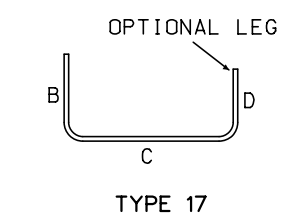
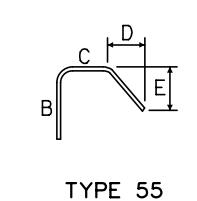
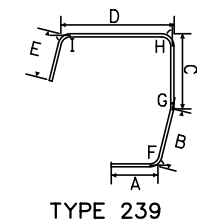
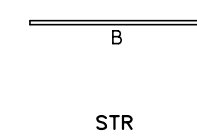
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC/CWN	BK/CC	HC	½" = 1'-0"	George Choubah	181 of 228	December 2018	BRP-1265

ACTUAL FILE: R182\_BLR1\_126\_SEGMENT 2-13U BAR LIST.DGN

M:\PROJECTS\STATE\_DOT\NC\brl\_126\_nepa\Bridges\Microstation\Bridges Design Files\NO\_PROJECTS.dgn

14-Dec-2018 12:22 PM

REINFORCING STEEL SCHEDULE				DIMENSION TABLE																	
SEGMENT 2-13U 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.	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

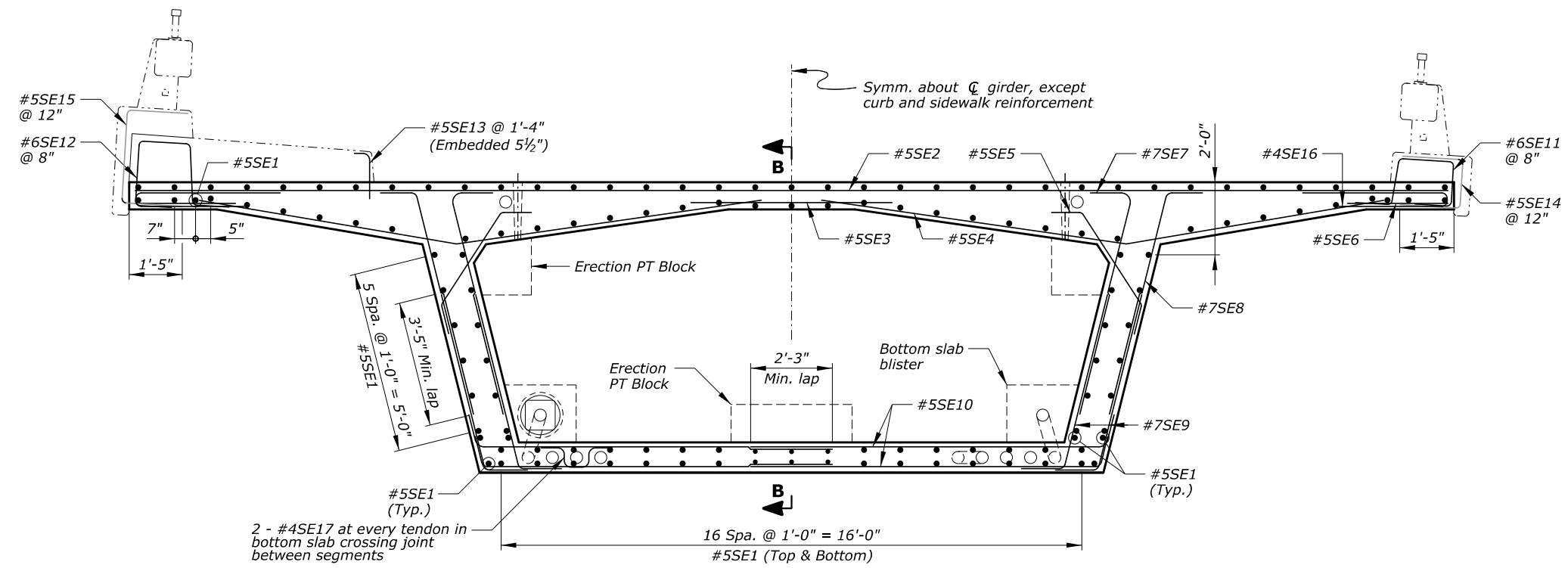
BLUE RIDGE PARKWAY

BRIDGE OVER I-26

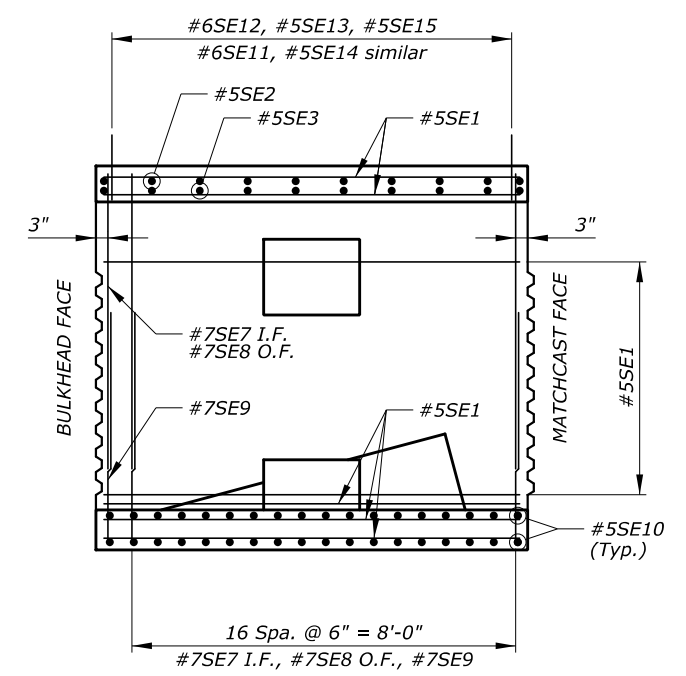
SEGMENT 2-13U  
 BAR LIST

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	182 of 228	December 2018	BRP-1265

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R183



**SECTION A-A**  
Looking upstation



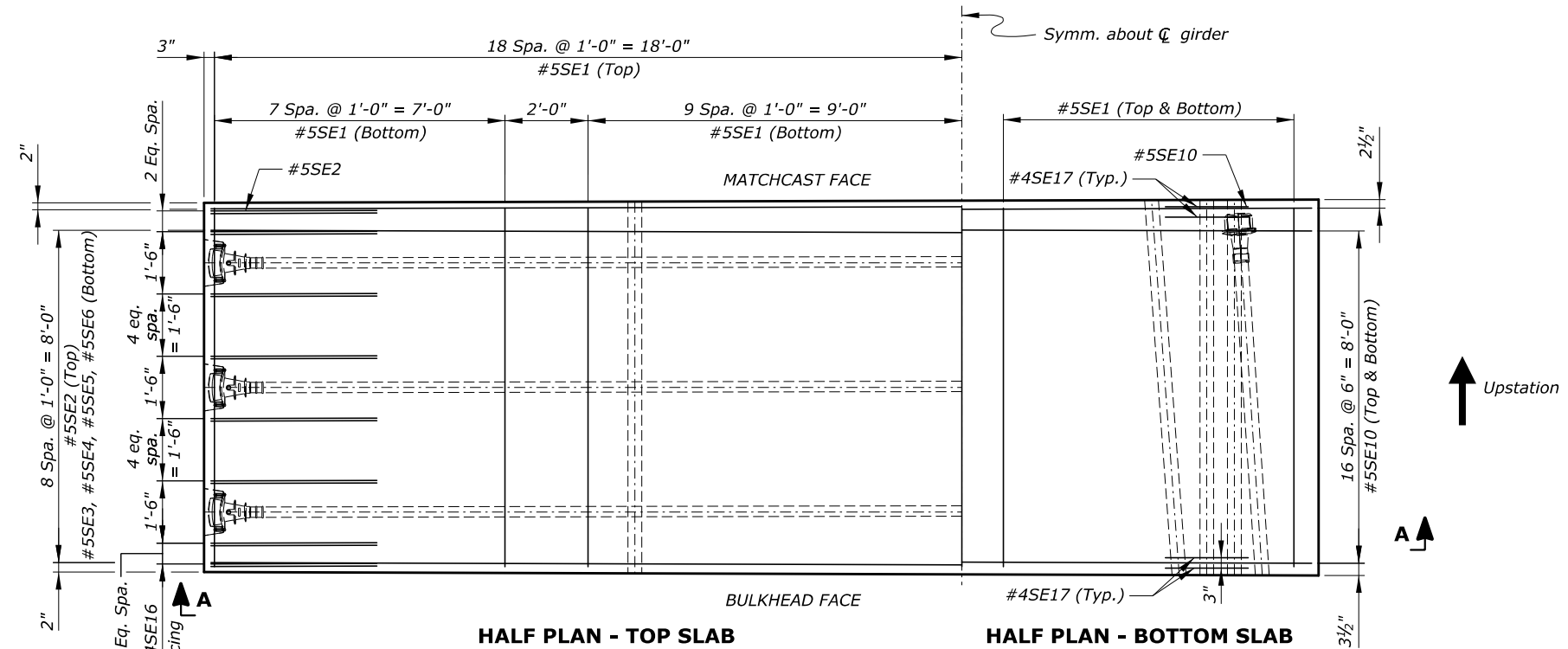
**SECTION B-B**

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**

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

**BLUE RIDGE PARKWAY**

BRIDGE OVER I-26

**SEGMENT A2-2D REINFORCEMENT**

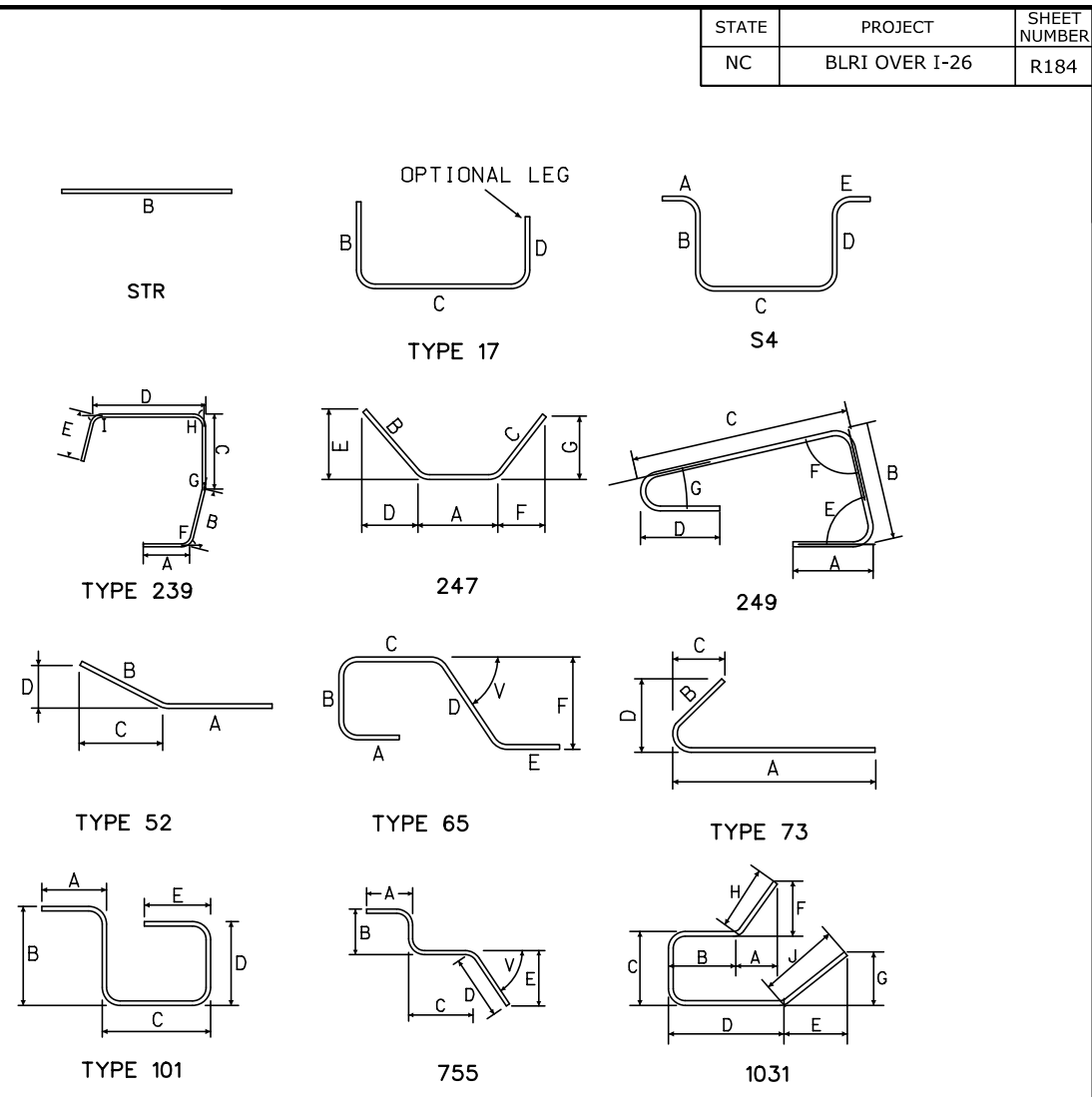
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC/CWN	BK/CC	HC	½" = 1'-0"	George Choubah	183 of 228	December 2018	BRP-1265

ACTUAL FILE: R184\_BLR1\_I26\_SEGMENT A2-2D BAR LIST.DGN

M:\PROJECTS\STATE\_DOT\NC\brl\_126\_nepa\bridge\microstation\brl\bridge Design Files\NO\_PROJECTS.dgn

14-Dec-2018 12:22 PM

REINFORCING STEEL SCHEDULE				DIMENSION TABLE																	
SEGMENT A2-2D 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.	5'-6 1/2"			to 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 to 0'-8 1/4" at 0'-1" incr.	0'-8 1/4"											
SUBTOTAL							818 LBS														



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

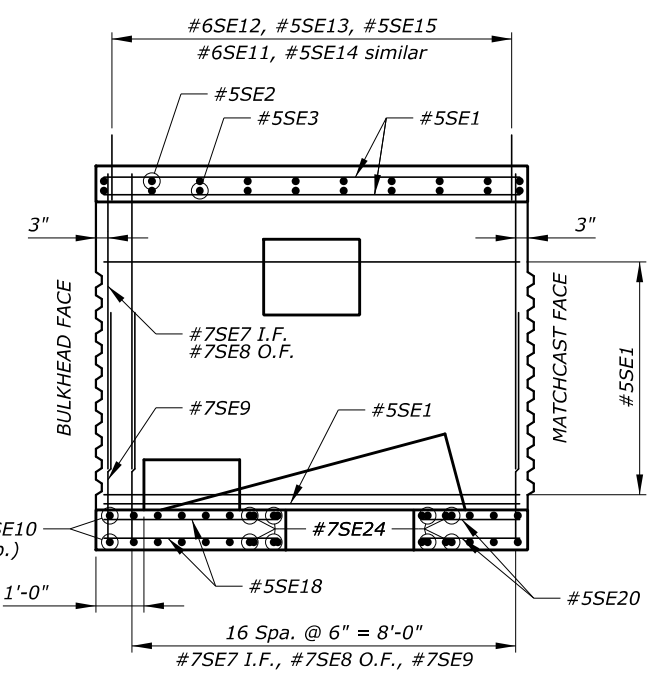
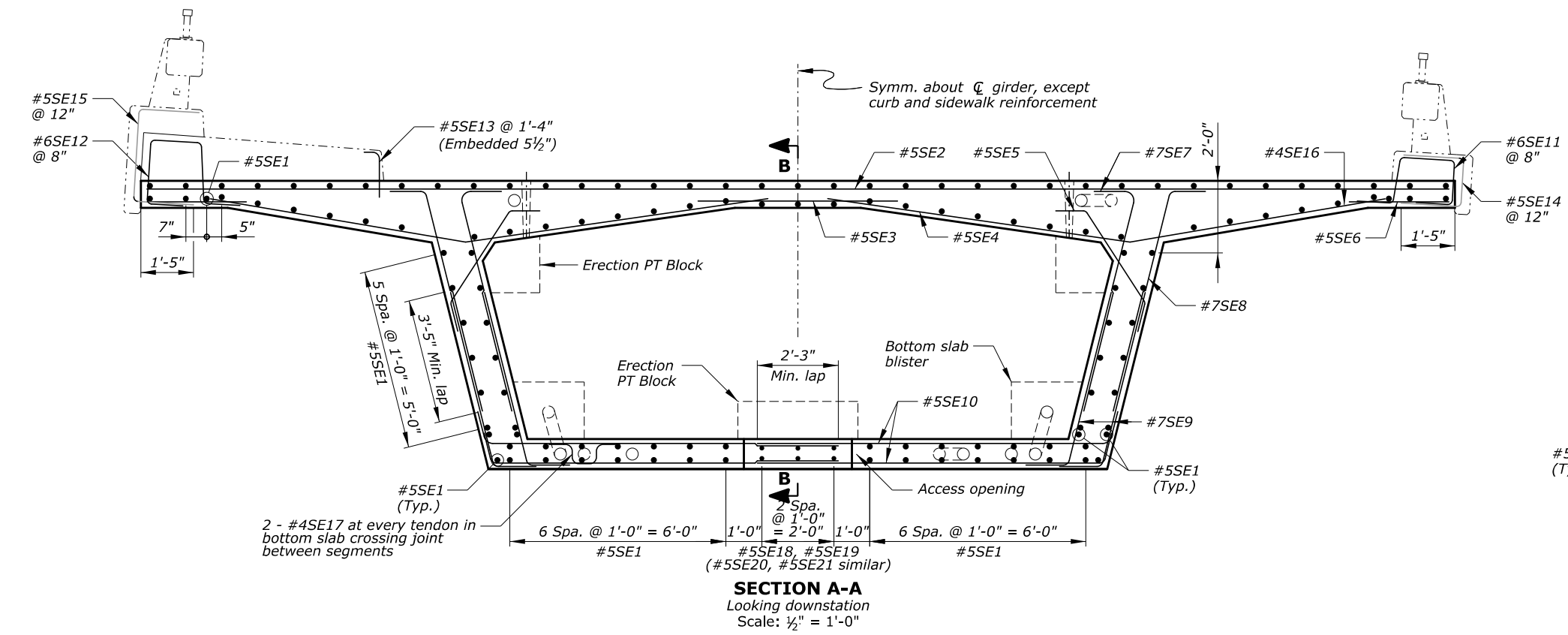
BLUE RIDGE PARKWAY

BRIDGE OVER I-26

SEGMENT A2-2D  
 BAR LIST

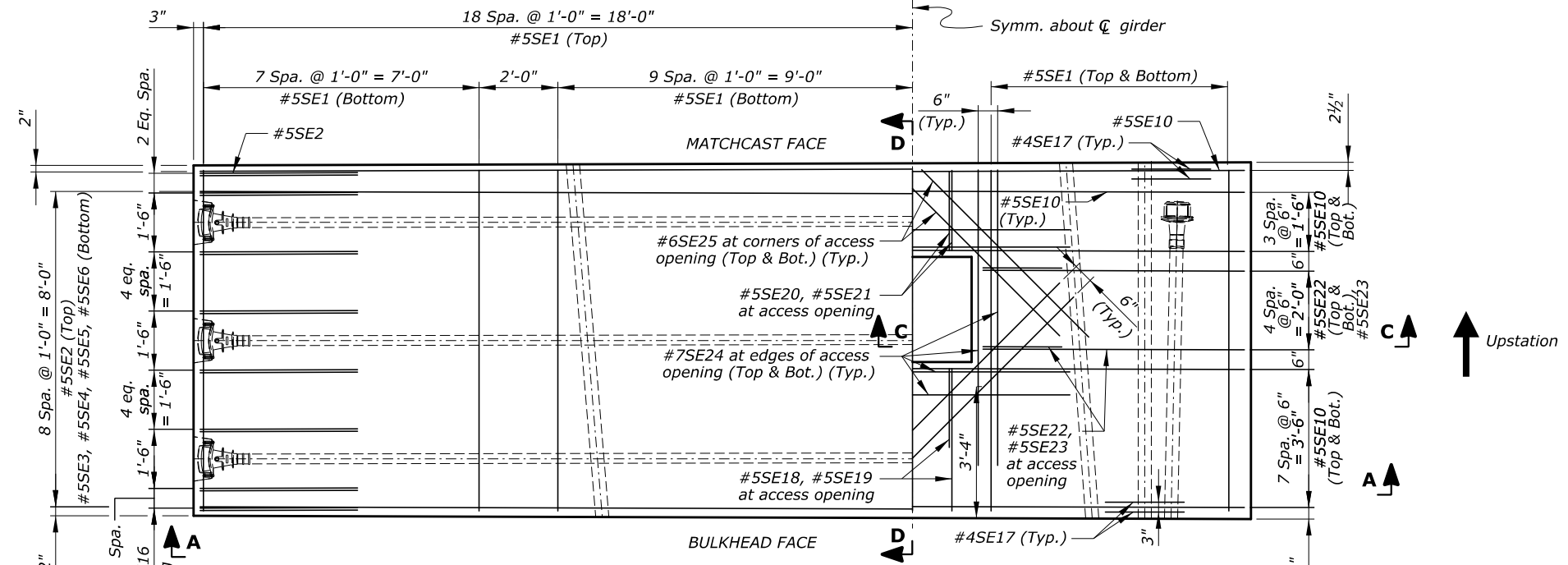
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC	CC	LE	No Scale	George Choubah	184 of 228	December 2018	BRP-1265

ACTUAL FILE: R185\_BLR1\_I26\_SEGMENT A2-1D REINF. DGN  
 M:\PROJECTS\STATE\_DOT\NC\brl\_126\_nepa\Bridges\Microstation\Bridges Design Files\NO\_PROJECTS.dgn  
 14-Dec-2018 12:22 PM



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

**SECTION B-B**



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

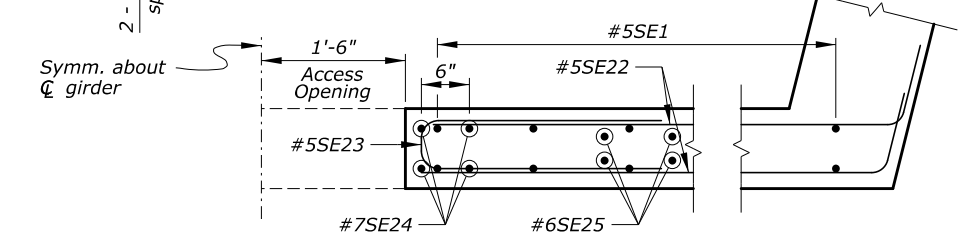
**HALF PLAN - BOTTOM SLAB**  
Scale: 1/2" = 1'-0"

**Notes:**

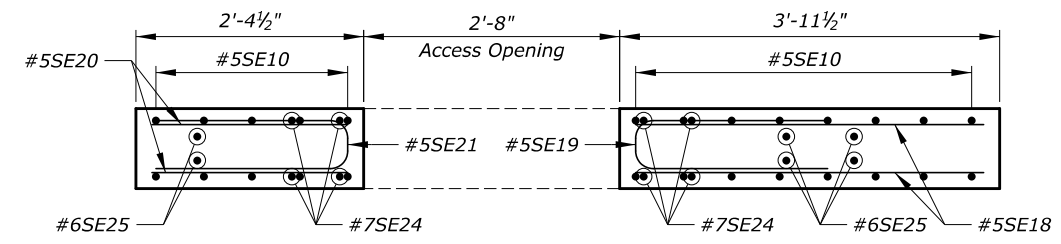
- Minimum concrete cover is 2 1/2" at top face of deck, and 1 1/2" at all other faces, unless otherwise noted.
- Adjust slightly the location of reinforcement to avoid conflict with post-tensioning ducts.
- For information on reinforcement in erection post-tensioning anchor blocks, see "ERECTION ANCHOR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

**Key:**

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



**SECTION C-C**  
Scale: 1" = 1'-0"



**SECTION D-D**  
Scale: 1" = 1'-0"

U.S. DEPARTMENT OF TRANSPORTATION  
 FEDERAL HIGHWAY ADMINISTRATION  
 EASTERN FEDERAL LANDS HIGHWAY DIVISION  
**BLUE RIDGE PARKWAY**  
 BRIDGE OVER I-26  
**SEGMENT A2-1D REINFORCEMENT**

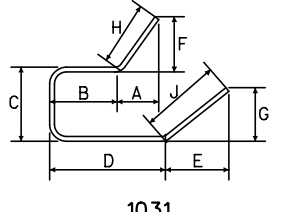
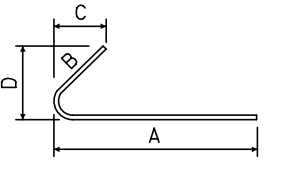
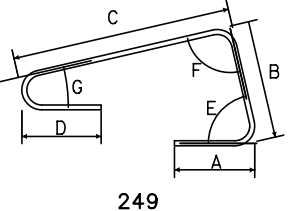
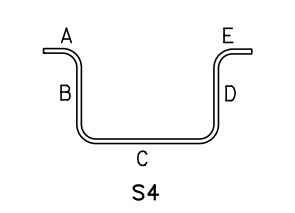
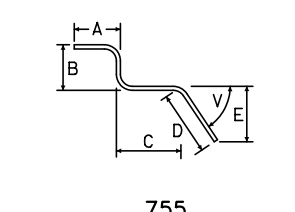
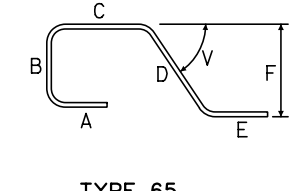
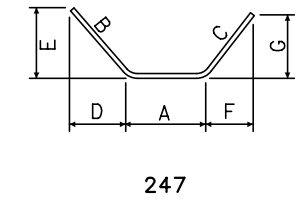
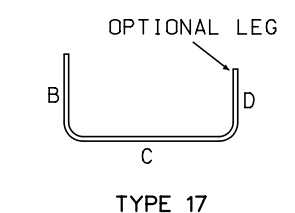
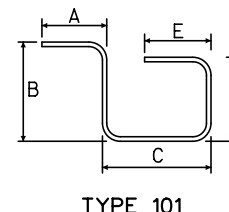
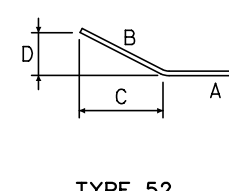
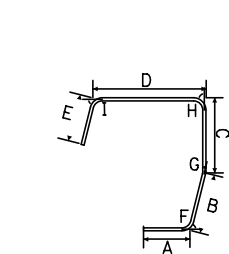
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC/CWN	BK/CC	HC	As Shown	George Choubah	185 of 228	December 2018	BRP-1265

ACTUAL FILE: R186\_BLR1\_I26\_SEGMENT A2-1D BAR LIST.DGN

M:\PROJECTS\STATE\_DOT\NC\brl\_126\_nepa\Bridges\Microstation\Bridges Design Files\NO\_OP\PROJECTS.dgn

14-Dec-2018 12:22 PM

REINFORCING STEEL SCHEDULE				DIMENSION TABLE																	
SEGMENT A2-1D 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	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	4'-5 1/2"	14		2'-0"	0'-5 1/4"	2'-0"										
*5SE20	5	17	0'-3 3/4"	Long. bot.	3	5'-5 1/2"	17		2'-6"	0'-5 1/4"	2'-6"										
*5SE21	5	STR		Long. bot.	6	2'-0 1/2"	13		2'-0 1/2"												
*7SE22	7	STR		Long. bot.	16	7'-0"	229		7'-0"												
*5SE23	5	17	0'-3 3/4"	Trans. bot.	10	5'-7"	58		2'-6"	0'-7"	2'-6"										
*6SE24	6	STR		Horiz. bot.	16	6'-0"	144		6'-0"												
*5SE25	5	52	0'-3 3/4"	Trans. bot.	20	7'-8"	160	6'-9 3/4"	0'-10"	0'-2 1/2"	0'-10"										
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"								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							818 LBS														



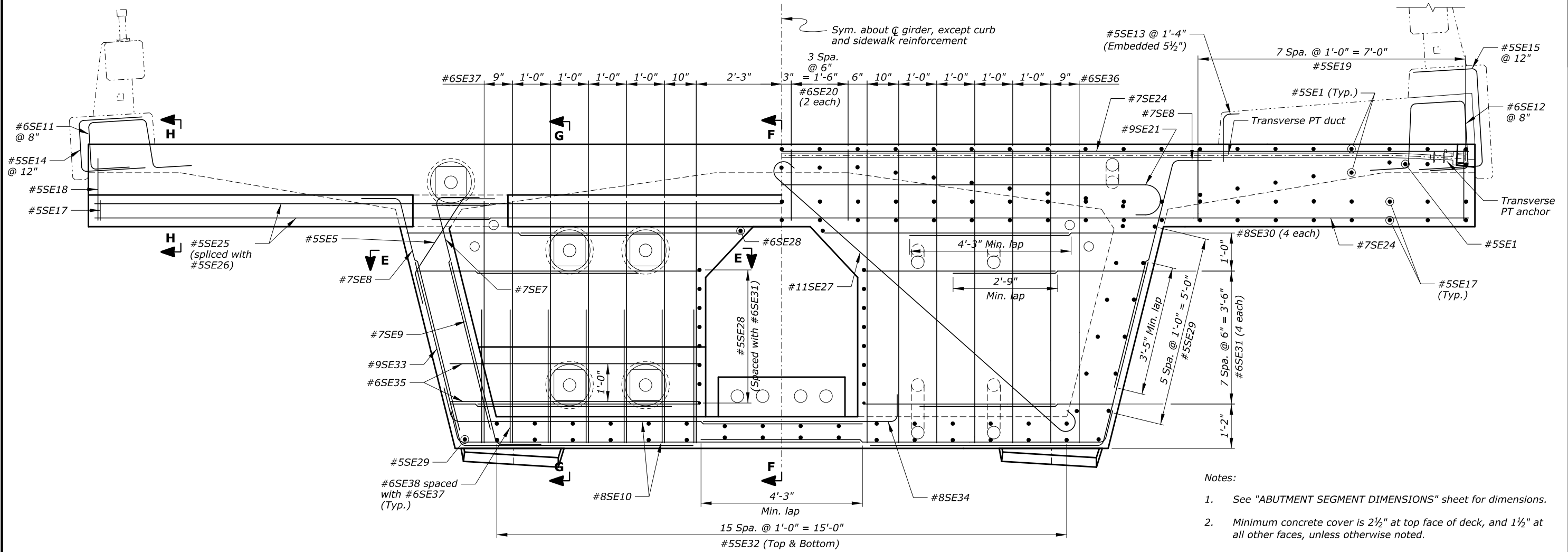
U.S. DEPARTMENT OF TRANSPORTATION  
 FEDERAL HIGHWAY ADMINISTRATION  
 EASTERN FEDERAL LANDS HIGHWAY DIVISION  
 BLUE RIDGE PARKWAY  
 BRIDGE OVER I-26  
 SEGMENT A2-1D  
 BAR LIST

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	186 of 228	December 2018	BRP-1265

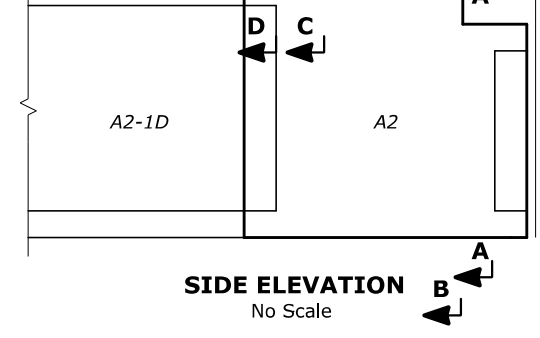
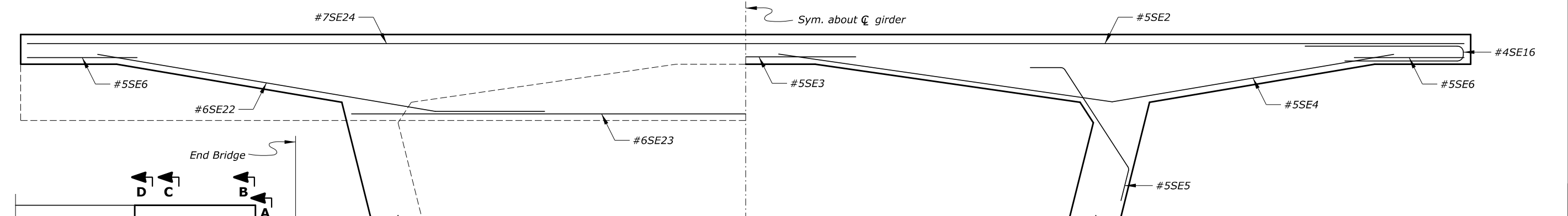
STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R187

ACTUAL FILE: R187\_BLR1\_I26\_SEGMENT A2 REINF - 1.DGN

M:\PROJECTS\STATE\_DOT\NC\brl\_126\_nepa\bridge\microstation\bridge Design Files\NO\_PROJECTS.dgn 14-Dec-2018 12:22 PM



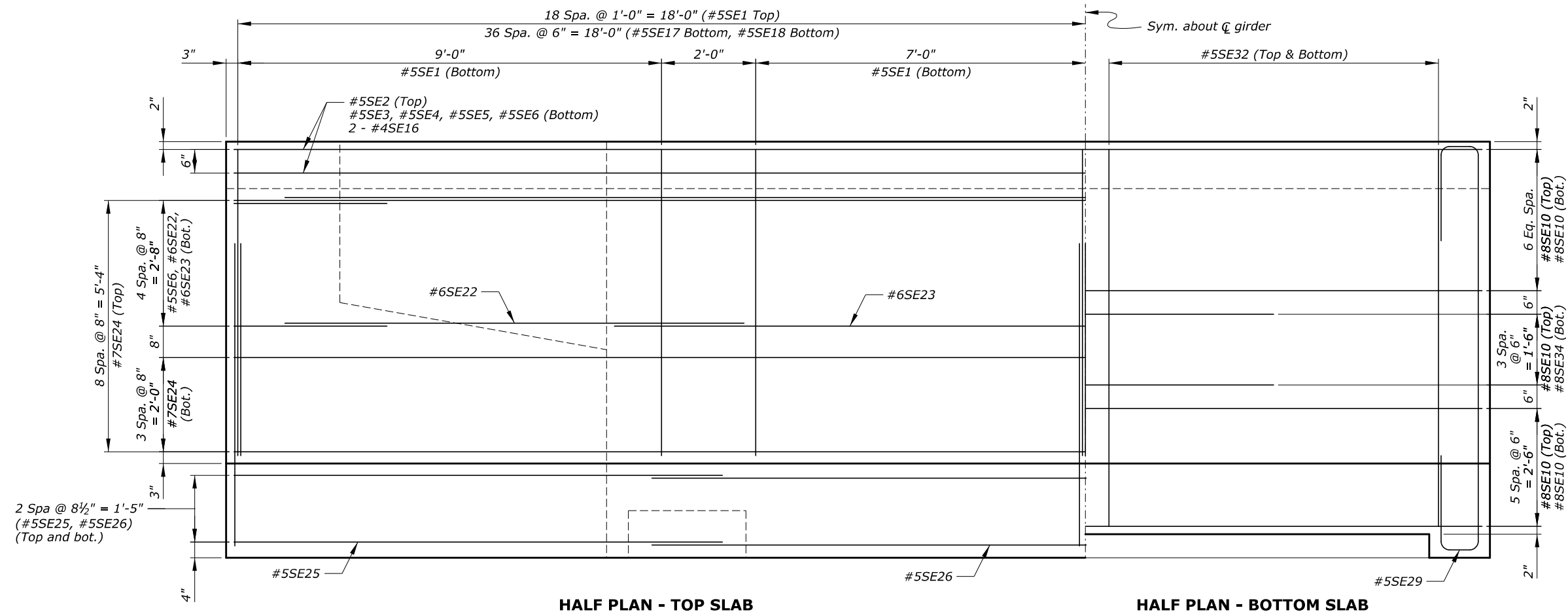
- Notes:
1. See "ABUTMENT SEGMENT DIMENSIONS" sheet for dimensions.
  2. Minimum concrete cover is 2 1/2" at top face of deck, and 1 1/2" at all other faces, unless otherwise noted.
  3. Adjust slightly the location of reinforcement to avoid conflict with post-tensioning ducts.



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

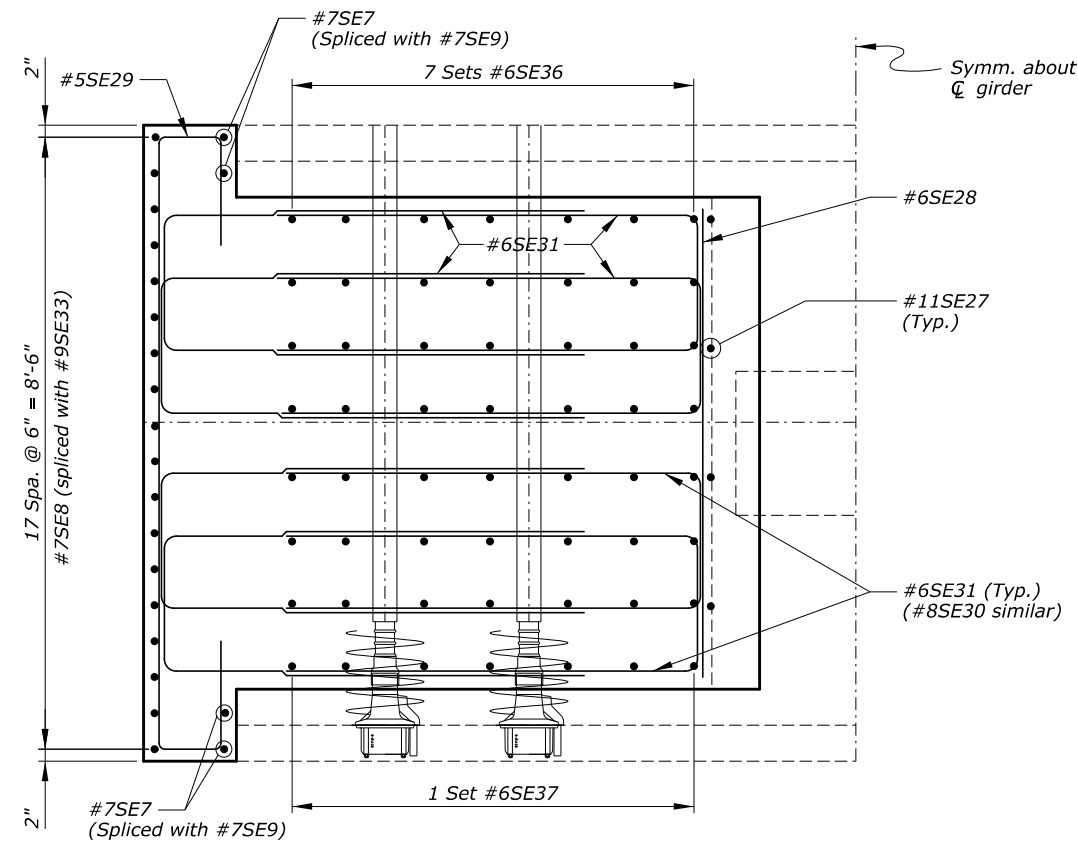
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC	BK	HC	3/4" = 1'-0"	George Choubah	187 of 228	December 2018	BRP-1265

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R188



HALF PLAN - TOP SLAB

HALF PLAN - BOTTOM SLAB



SECTION E-E

Notes:

1. For section locations, see "SEGMENT A2 REINFORCEMENT - 1" sheet.
2. Minimum concrete cover is 2 1/2" at top face of deck, and 1 1/2" 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 A2 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	3/4" = 1'-0"	George Choubah	188 of 228	December 2018	BRP-1265

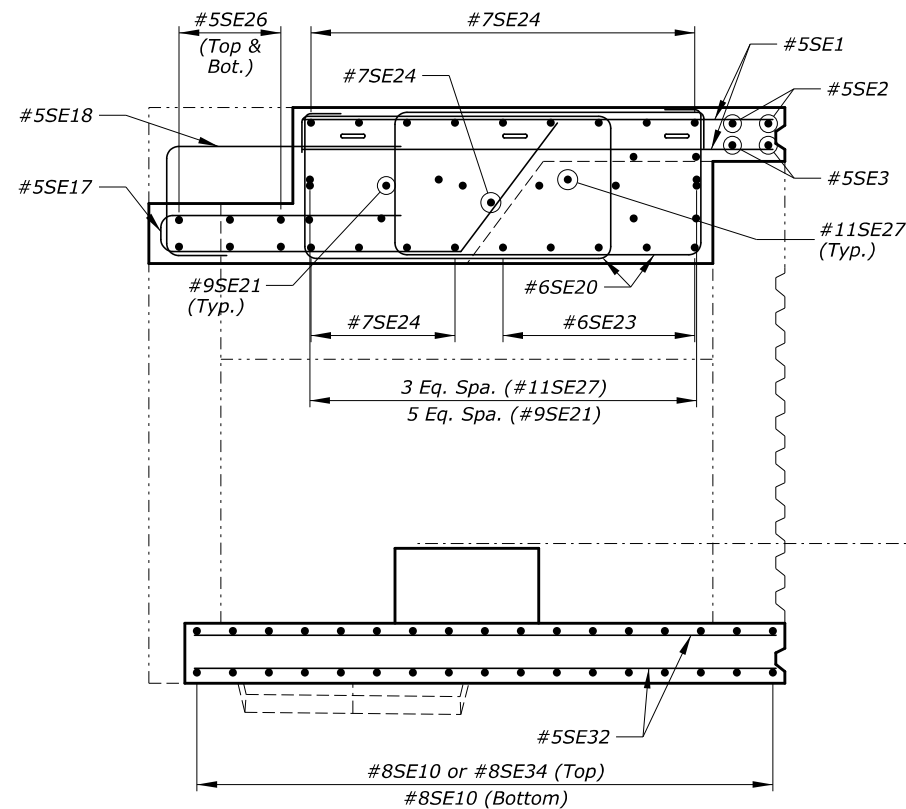


STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R189

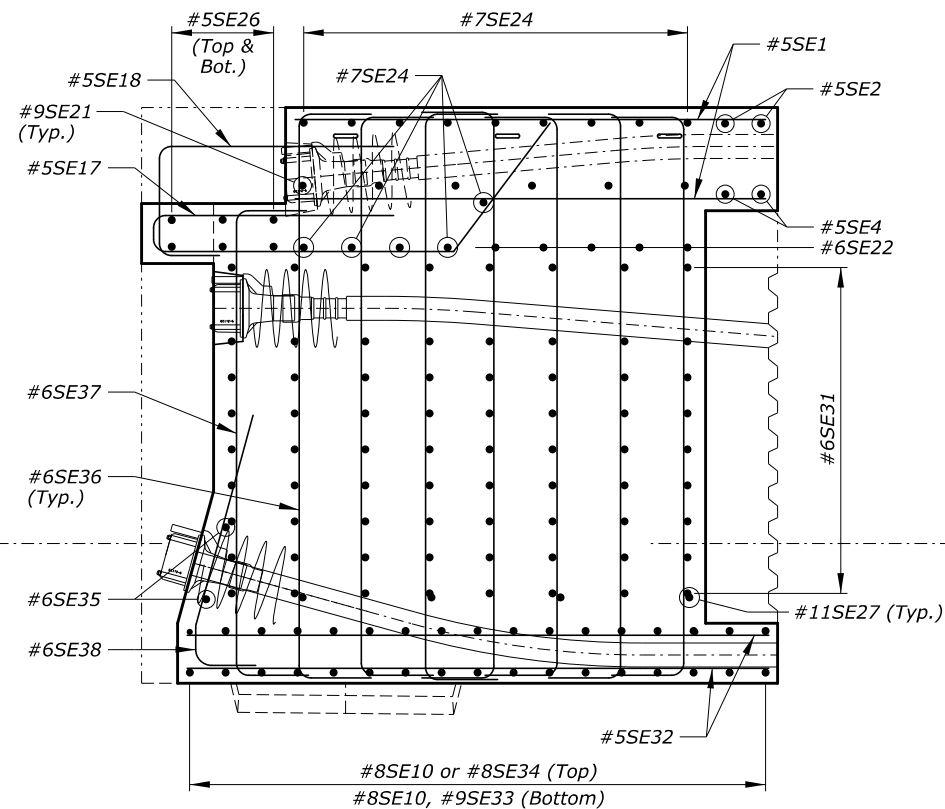
ACTUAL FILE: R189\_BLR1\_I26\_SEGMENT A2 REINF - 3.DGN

M:\PROJECTS\STATE\_DOT\NC\brl\_126\_nepa\bridge\microstation\bridge design files\NO\_PROJECTS.dgn

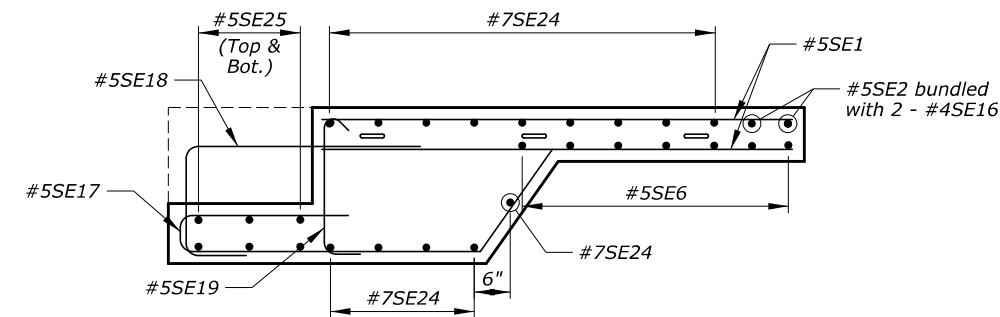
14-Dec-2018 12:22 PM



SECTION F-F



SECTION G-G



SECTION H-H

Notes:

- For section locations, see "SEGMENT A2 REINFORCEMENT - 1" sheet.
- Minimum concrete cover is 2½" at top face of deck, and 1½" at all other faces, unless otherwise noted.
- 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 A2 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	189 of 228	December 2018	BRP-1265

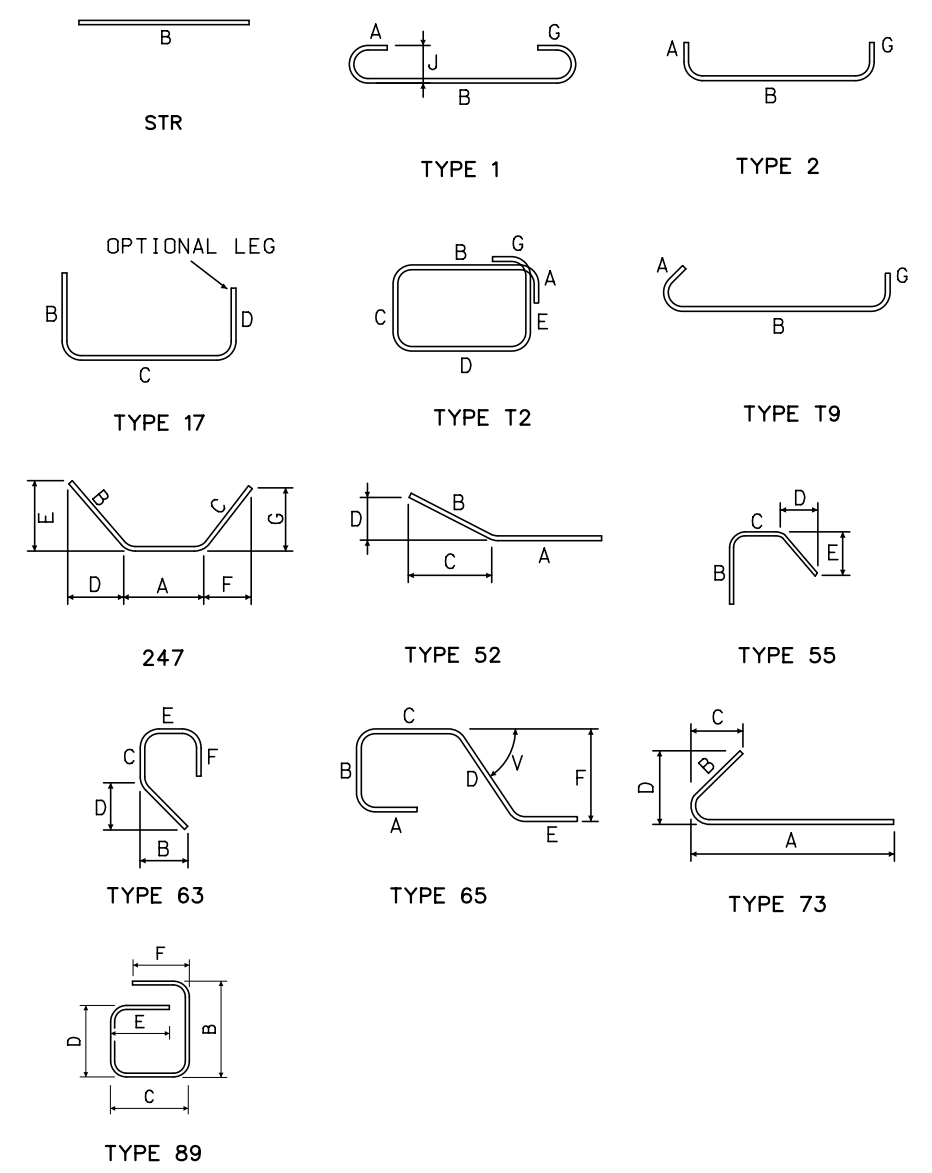
ACTUAL FILE: R190\_BLR1\_126\_SEGMENT A2 BAR LIST.DGN

M:\PROJECTS\STATE\_DOT\NC\brl\_126\_nepa\bridge\microstation\bridge design files\O\_PROJECTS.dgn

14-Dec-2018 12:22 PM

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R190

REINFORCING STEEL SCHEDULE				DIMENSION TABLE																				
SEGMENT A2 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		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'-5 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 1/16"	Vert.	16	2'-9 1/2"	47	0'-5 1/2"	1'-10"															
*6SE20	6	T2	0'-4 1/2"	Long. top	8	14'-0"	168	1'-0"	4'-2"	1'-10"	4'-2"	1'-10"												
*9SE21	9	1	0'-9 1/16"	Trans. top	6	22'-7 1/2"	462	1'-3"	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	1	1'-0"	Vert.	8	13'-8 1/2"	583	1'-7"	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"															
*6SE37	6	2	0'-4 1/2"	Vert.	14	8'-3 1/2"	174	1'-0"	6'-3 1/2"															
*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																	



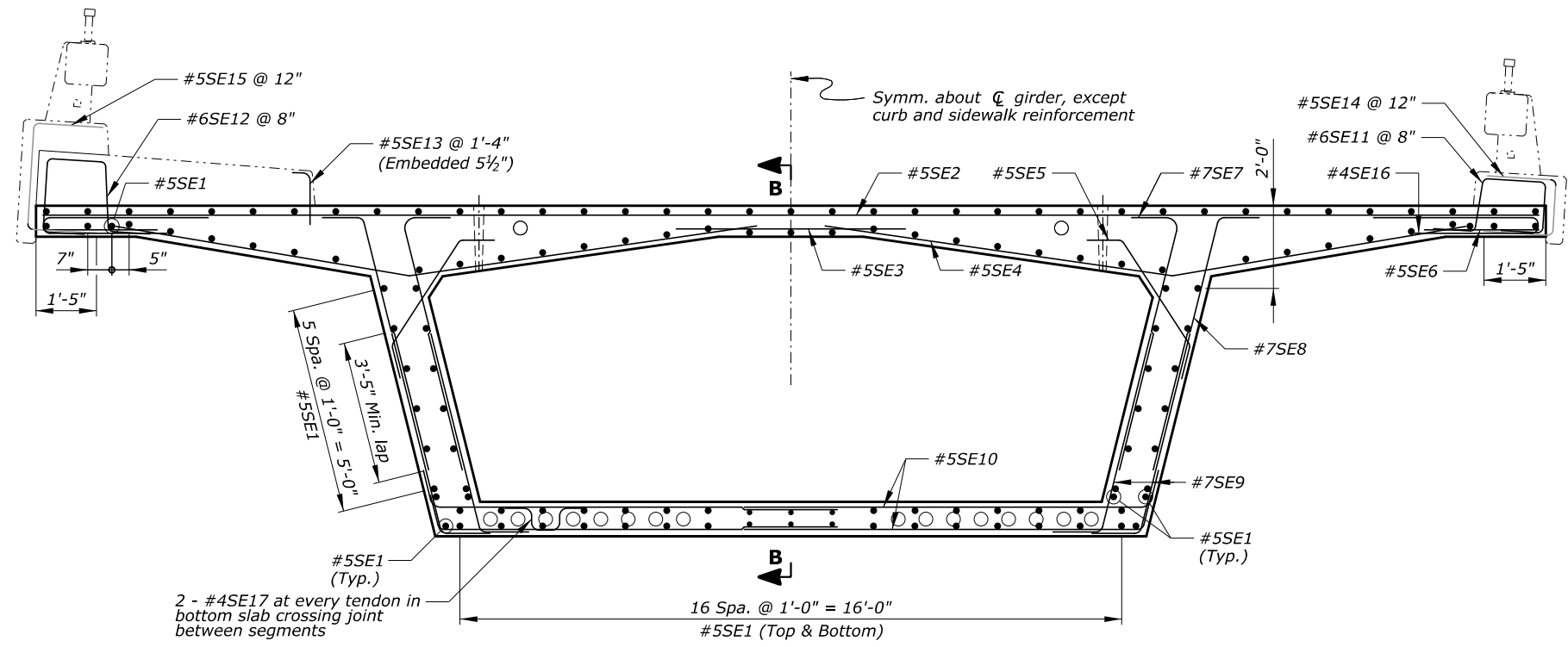
U.S. DEPARTMENT OF TRANSPORTATION  
 FEDERAL HIGHWAY ADMINISTRATION  
 EASTERN FEDERAL LANDS HIGHWAY DIVISION  
 BLUE RIDGE PARKWAY  
 BRIDGE OVER I-26  
 SEGMENT A2  
 BAR LIST

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	190 of 228	December 2018	BRP-1265

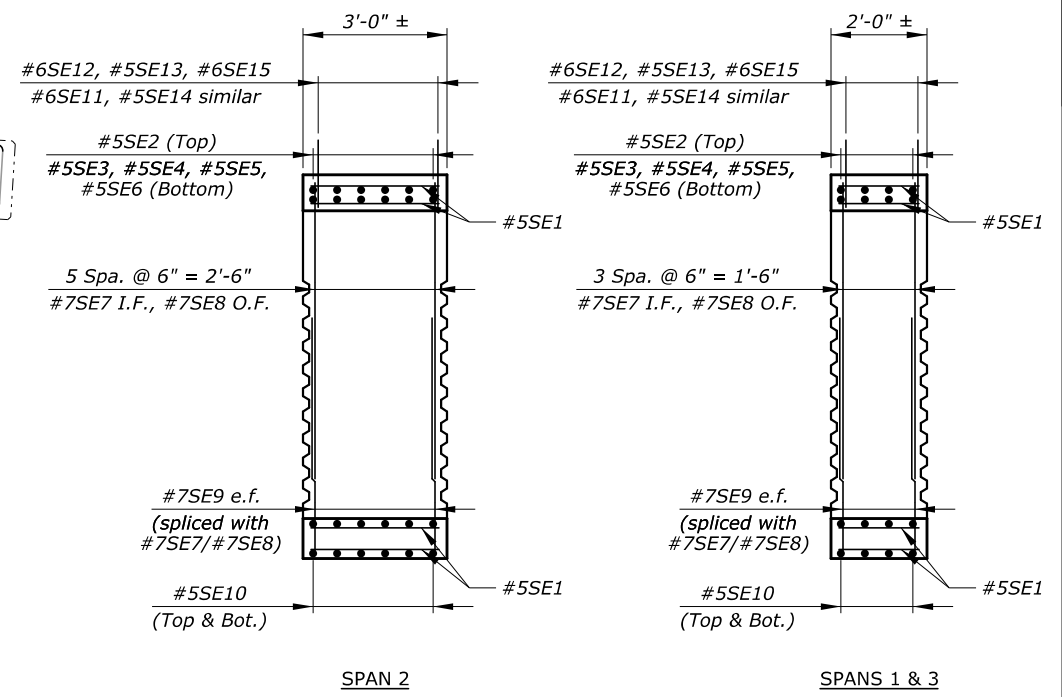
STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R191

ACTUAL FILE: R191\_BLR1\_I26\_CLOSURE SEGMENTS REINF. DGN

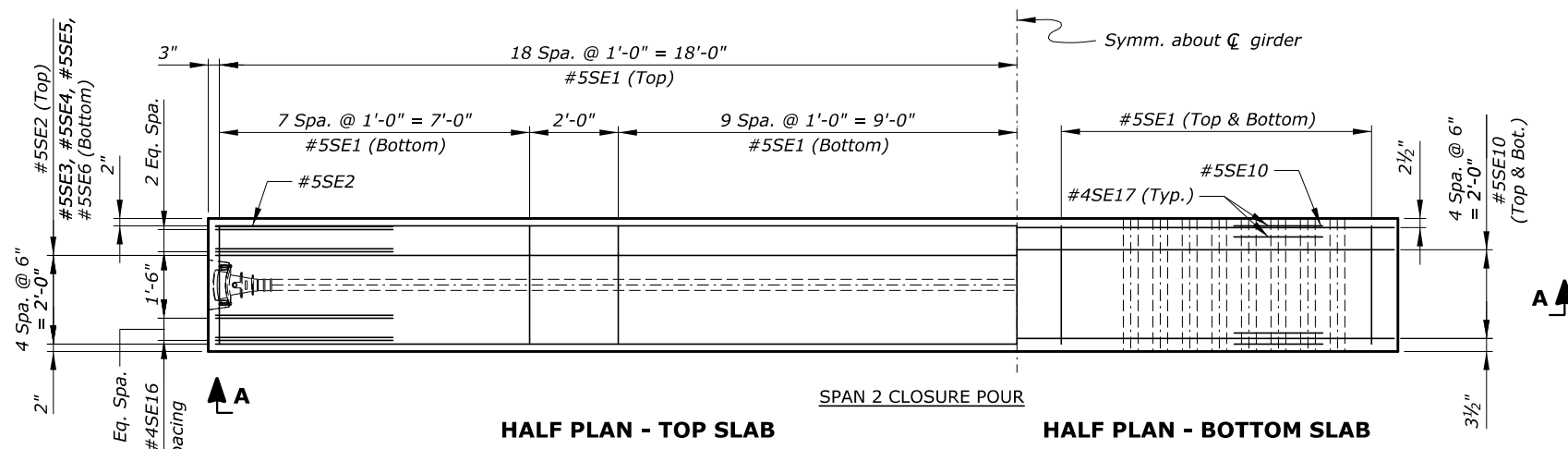
M:\PROJECTS\STATE\_DOT\NC\brl\_126\_nepa\Bridges\Microstation\Bridg Design Files\NO\_OP\PROJECTS.dgn 14-Dec-2018 12:22 PM



**SECTION A-A**  
Looking upstation

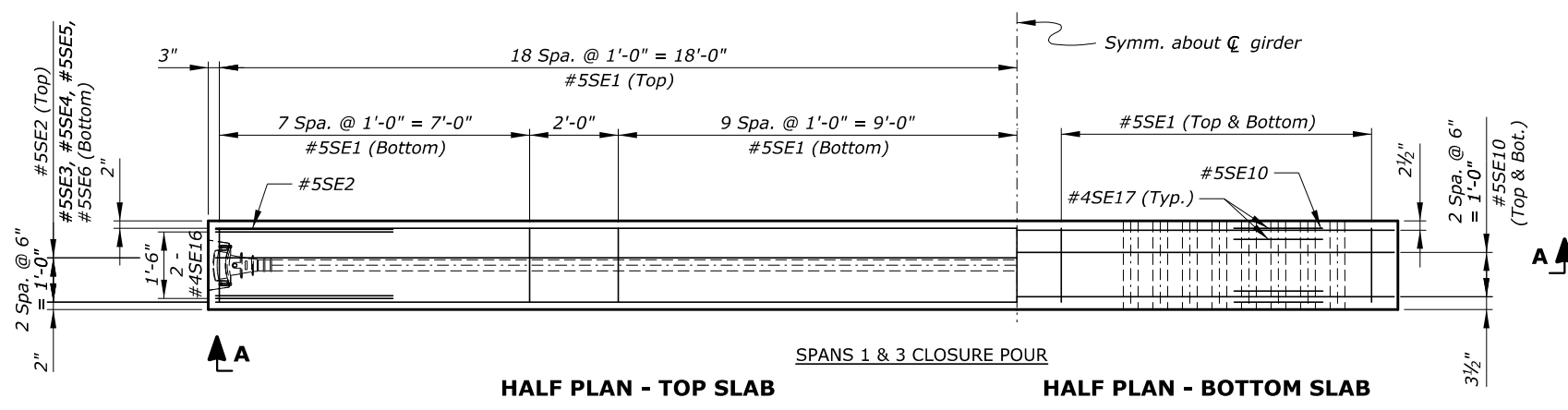


**SECTION B-B**



**HALF PLAN - TOP SLAB**

**HALF PLAN - BOTTOM SLAB**



**HALF PLAN - TOP SLAB**

**HALF PLAN - BOTTOM SLAB**

**Notes:**

1. Minimum concrete cover is 1 1/2 inches at inside faces and 2 inches at outside faces, unless otherwise noted.
2. Adjust slightly the location of reinforcement to avoid conflict with post-tensioning ducts.

**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

**CLOSURE SEGMENTS REINFORCEMENT**

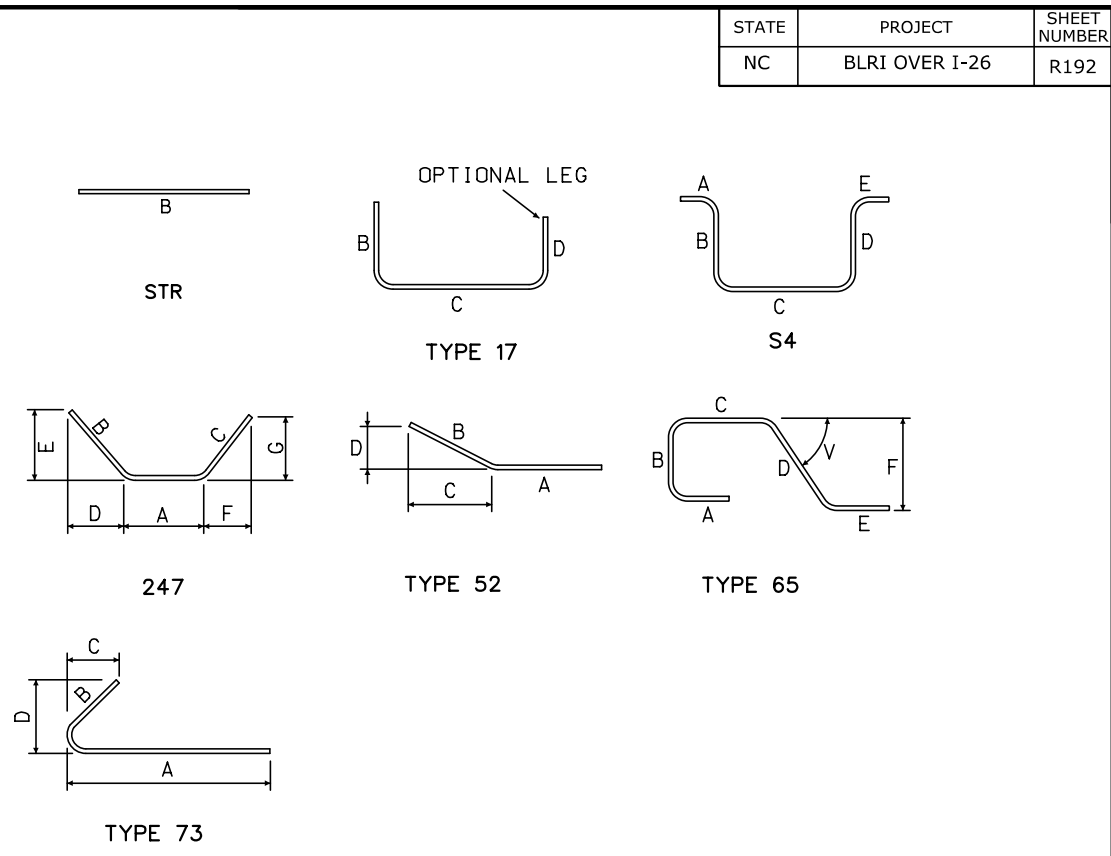
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC	AR/BK	HC	1/2" = 1'-0"	George Choubah	191 of 228	December 2018	BRP-1265

ACTUAL FILE:R192\_BLR1\_126\_CLOSURE SEGMENT BAR LIST.DGN

M:\PROJECTS\STATE\_DOT\NC\brl\_126\_nepa\Bridges\Microstation\Bridg Design Files\NO\_OP\PROJECT.s.dgn

14-Dec-2018 12:22 PM

REINFORCING STEEL SCHEDULE				DIMENSION TABLE																	
CENTER SPAN CLOSURE SEGMENT 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	2'-8"	384		2'-8"												
*5SE2	5	STR		Trans. top	6	36'-2"	226		36'-2"												
*5SE3	5	STR		Trans. top	6	6'-0"	38		6'-0"												
*5SE4	5	52	0'-3 3/4"	Trans. top	12	16'-10"	211	9'-1"	7'-9"	7'-4 1/2"	2'-5"										
*5SE5	5	247	0'-3 3/4"	Trans. top	12	4'-7"	57	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	12	3'-3"	41		3'-3"												
*7SE7	7	73	0'-5 5/16"	Vert. i.f.	12	7'-5 1/2"	183	6'-3 1/4"	1'-2"	0'-3"	1'-2 1/2"										
*7SE8	7	52	0'-5 5/16"	Vert. o.f.	12	7'-6"	184	6'-4"	1'-2"	0'-3 1/2"	1'-1 3/4"										
*7SE9	7	52	0'-5 5/16"	Vert. e.f.	24	6'-2 1/2"	305	5'-0 1/2"	1'-2"	0'-3 1/2"	1'-1 3/4"										
*5SE10	5	52	0'-3 3/4"	Trans. bot.	24	10'-4"	259	9'-6"	0'-10"	0'-2 1/2"	0'-10"										
*6SE11	6	65	0'-4 1/2"	Rail	5	6'-1 1/2"	46	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	5	6'-10"	51	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	2	1'-8"	3		1'-3"	0'-5"											
*5SE14	5	17	0'-3 3/4"	Rail	3	5'-1 1/2"	16		1'-10 1/2"	1'-4 1/4"	1'-10 1/2"										
*5SE15	5	17	0'-3 3/4"	Rail	3	6'-2"	19		1'-10 1/4"	2'-5 1/2"	1'-10 1/4"										
*4SE16	4	17	0'-3 1/8"	Trans. top	16	8'-5"	90		4'-0"	0'-5"	4'-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							2250	LBS													
END SPAN CLOSURE SEGMENT 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	1'-8"	240		1'-8"												
*5SE2	5	STR		Trans. top	4	36'-2"	151		36'-2"												
*5SE3	5	STR		Trans. top	4	6'-0"	25		6'-0"												
*5SE4	5	52	0'-3 3/4"	Trans. top	8	16'-10"	140	9'-1"	7'-9"	7'-4 1/2"	2'-5"										
*5SE5	5	247	0'-3 3/4"	Trans. top	8	4'-7"	38	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	8	3'-3"	27		3'-3"												
*7SE7	7	73	0'-5 5/16"	Vert. i.f.	8	7'-5 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.	8	7'-6"	123	6'-4"	1'-2"	0'-3 1/2"	1'-1 3/4"										
*7SE9	7	52	0'-5 5/16"	Vert. e.f.	16	6'-2 1/2"	203	5'-0 1/2"	1'-2"	0'-3 1/2"	1'-1 3/4"										
*5SE10	5	52	0'-3 3/4"	Trans. bot.	16	10'-4"	172	9'-6"	0'-10"	0'-2 1/2"	0'-10"										
*6SE11	6	65	0'-4 1/2"	Rail	3	6'-1 1/2"	28	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	3	6'-10"	31	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	2	1'-8"	3		1'-3"	0'-5"											
*5SE14	5	17	0'-3 3/4"	Rail	2	5'-1 1/2"	11		1'-10 1/2"	1'-4 1/4"	1'-10 1/2"										
*5SE15	5	17	0'-3 3/4"	Rail	2	6'-2"	13		1'-10 1/4"	2'-5 1/2"	1'-10 1/4"										
*4SE16	4	17	0'-3 1/8"	Trans. top	8	8'-5"	45		4'-0"	0'-5"	4'-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							1509	LBS													

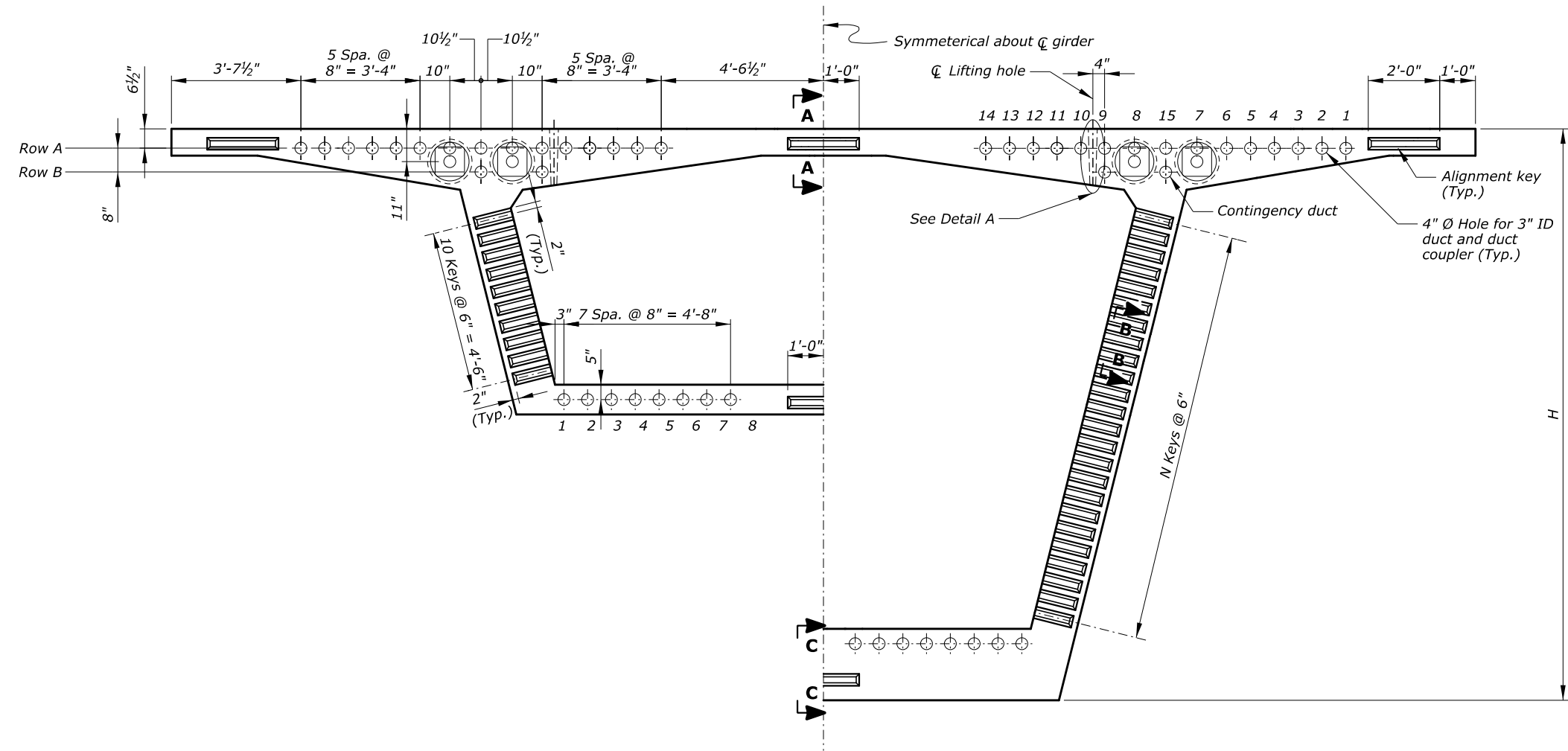


STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R192

U.S. DEPARTMENT OF TRANSPORTATION  
 FEDERAL HIGHWAY ADMINISTRATION  
 EASTERN FEDERAL LANDS HIGHWAY DIVISION  
 BLUE RIDGE PARKWAY  
 BRIDGE OVER I-26  
 CLOSURE SEGMENTS  
 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	192 of 228	December 2018	BRP-1265

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R193

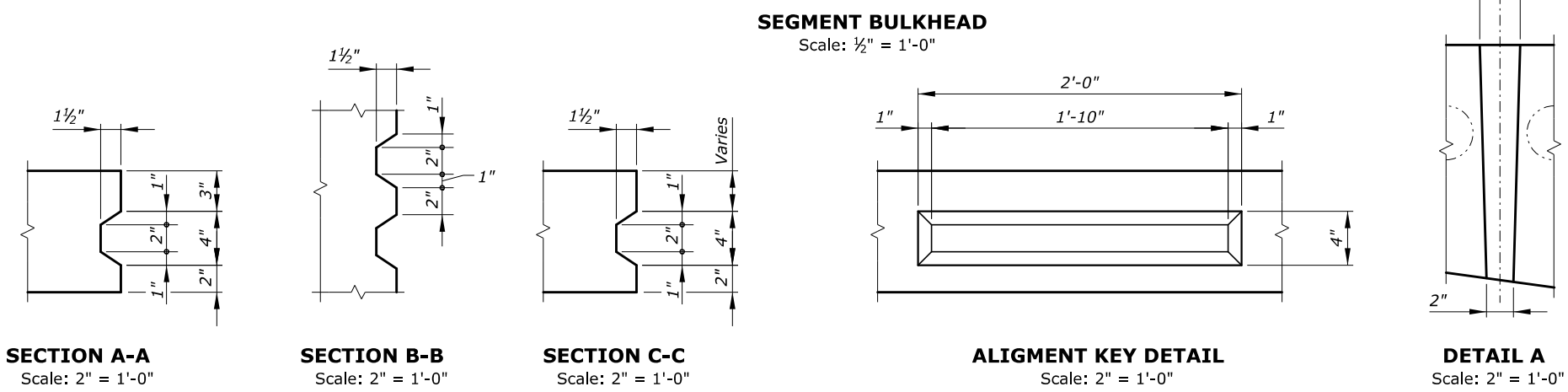


Notes:

- For dimensions not shown, see "TYPICAL SECTION" sheet.
- Lifting hole size and location are proposed and to be verified by the contractor.

DIMENSION TABLE	
H	N
16'-0"	23
15'-9 1/8"	23
14'-7 3/8"	21
13'-6 7/8"	19
12'-7 1/8"	18
11'-8 5/8"	16
10'-11 1/4"	15
10'-3"	14
9'-7 7/8"	13
9'-1 3/4"	12
8'-8 7/8"	11
8'-5"	11
8'-2 1/4"	10
8'-0 1/2"	10
8'-0"	10

CONSTANT DEPTH SEGMENTS      VARIABLE DEPTH SEGMENTS



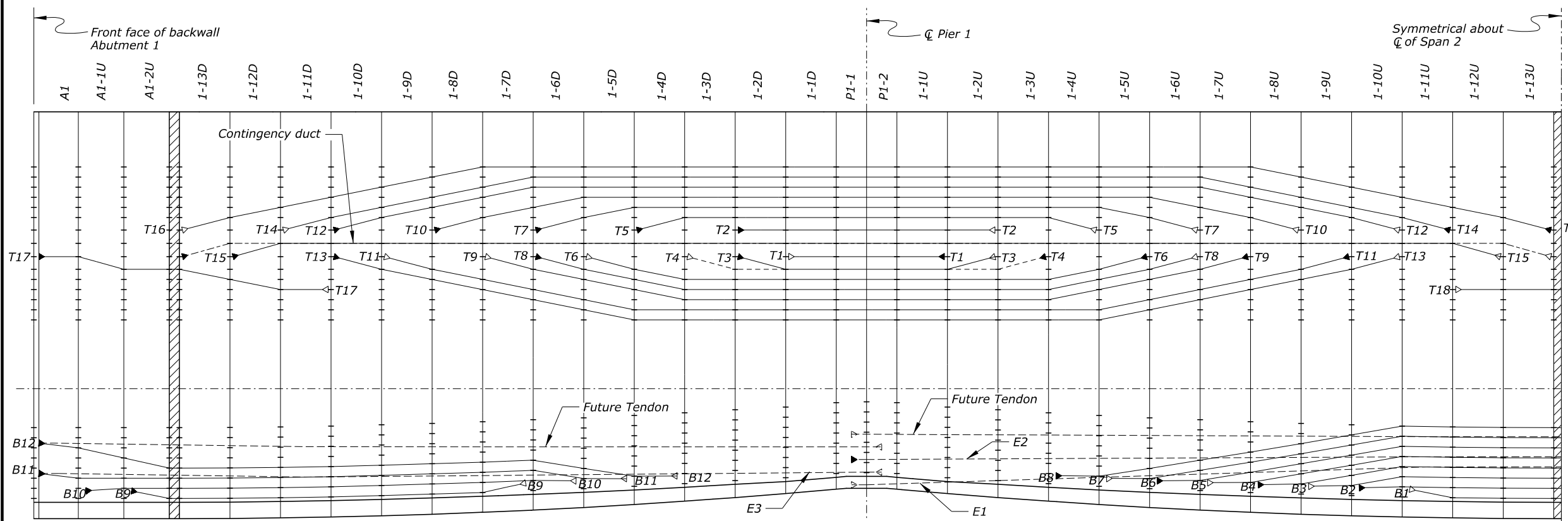
U.S. DEPARTMENT OF TRANSPORTATION  
 FEDERAL HIGHWAY ADMINISTRATION  
 EASTERN FEDERAL LANDS HIGHWAY DIVISION  
 BLUE RIDGE PARKWAY  
 BRIDGE OVER I-26  
 BULKHEAD DETAILS

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	As Shown	George Choubah	193 of 228	December 2018	BRP-1265

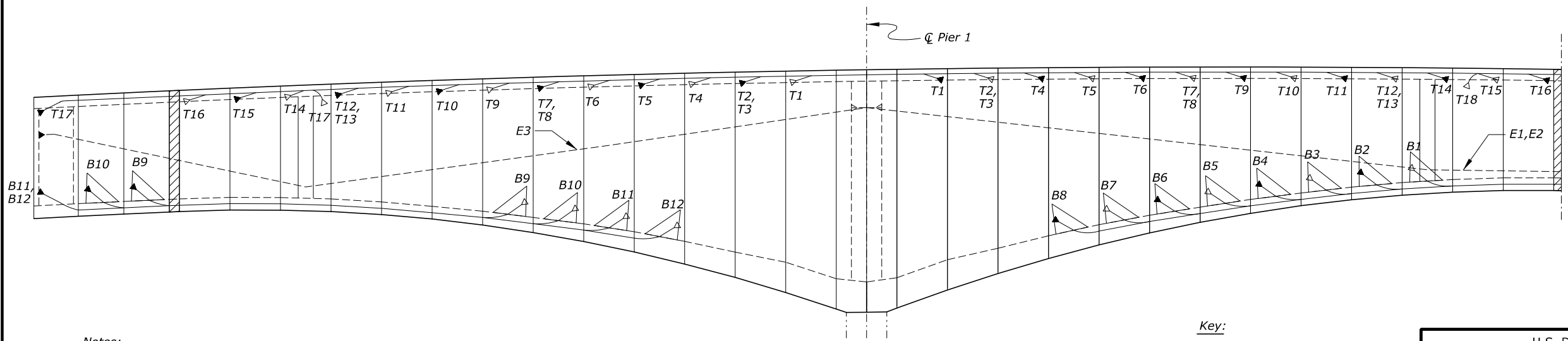
STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R194

ACTUAL FILE:R194\_BLR1\_I26\_LONG\_PT\_LAYOUT - 1.dgn

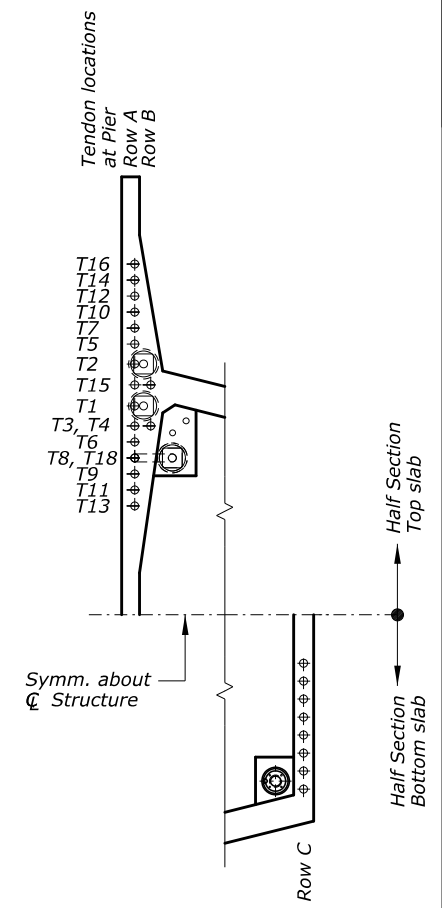
M:\PROJECTS\STATE\_DOT\NC\brl\_r126\_nepa\bridge\microstation\bridge Design Files\NO\_OP\PROJECTS.dgn



**PLAN**



**ELEVATION**



**Notes:**

- All top slab tendons T1 through T18 are 12 x 0.6-in diameter strand tendons.
- Bottom slab tendons B1 through B12 are 12 x 0.6-in diameter strand tendons.
- External tendons E1, E2, and E3 are 12 x 0.6-in diameter strand tendons.
- External future tendons for Span 1 are 22 x 0.6-in diameter strand tendons.
- External future tendons for Span 2 are 22 x 0.6-in diameter strand tendons.
- Tendon T4, and the contingency tendon go through Row B ducts in the top slab.

- Key:**
- ▶ Dead end
  - ▷ Stressing end
  - Contingency duct
  - Row A duct
  - - - Row B duct

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

**BLUE RIDGE PARKWAY**

BRIDGE OVER I-26

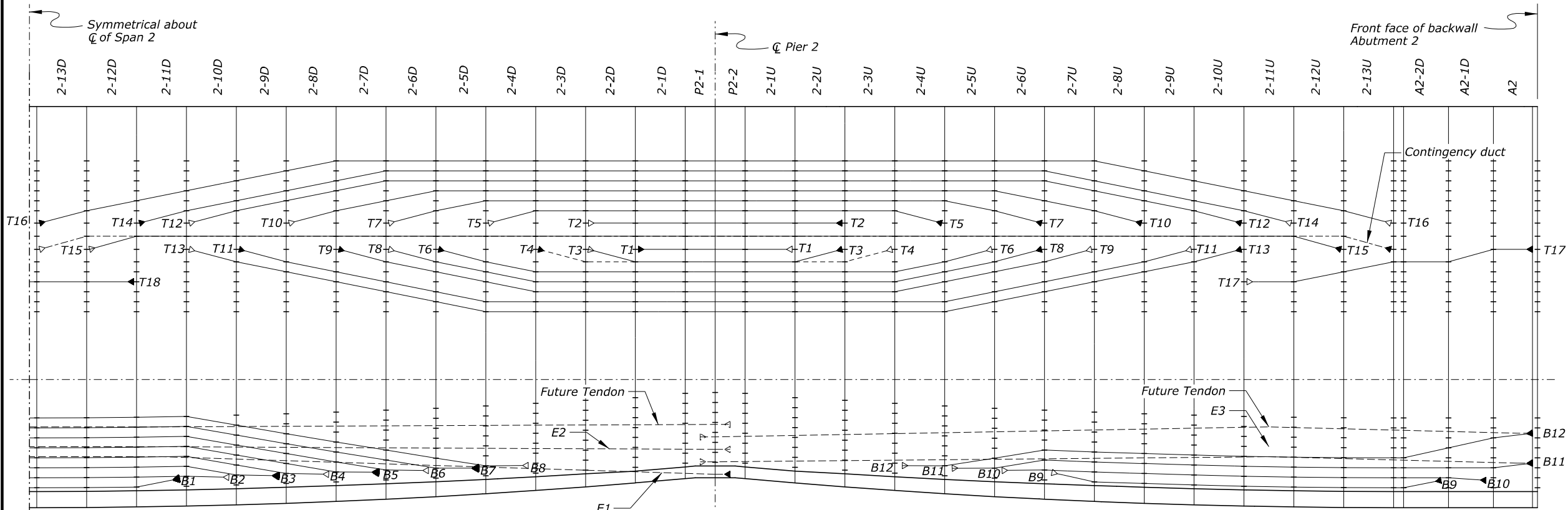
**LONGITUDINAL  
POST-TENSIONING LAYOUT - 1**

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	CC	No Scale	George Choubah	194 of 228	December 2018	BRP-1265

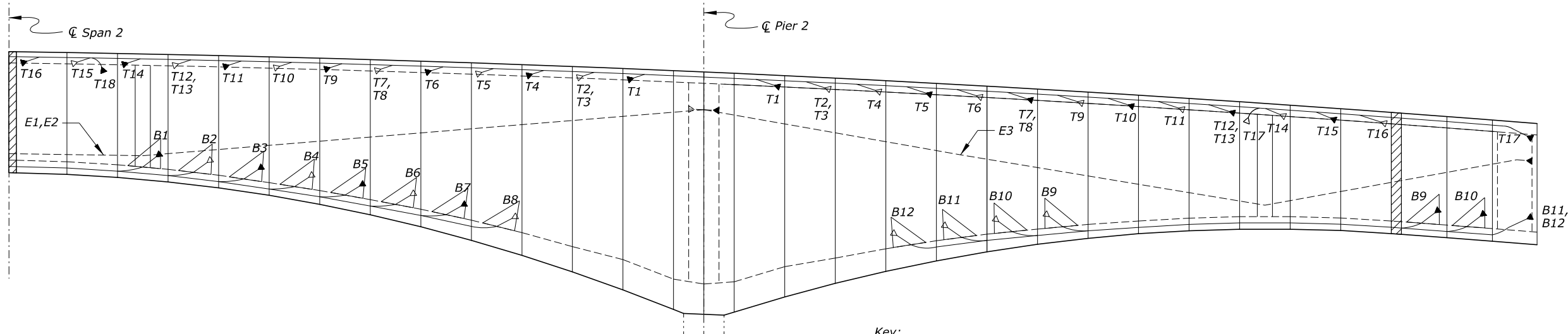
STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R195

ACTUAL FILE:R195\_BLR1\_I26\_LONG\_PT\_LAYOUT - 2.dgn

M:\PROJECTS\STATE\_DOT\NC\brl\_I26\_nepa\bridge\microstation\bridge Design Files\NO\_OP\PROJECTS.dgn



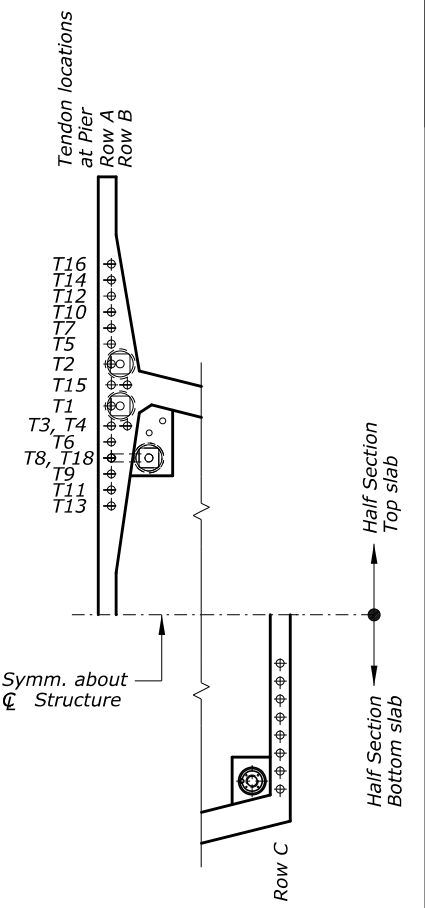
**PLAN**



**ELEVATION**

- Notes:**
- All top slab tendons T1 through T18 are 12 x 0.6-in diameter strand tendons.
  - Bottom slab tendons B1 through B12 are 12 x 0.6-in diameter strand tendons.
  - External tendons E1, E2, and E3 are 12 x 0.6-in diameter strand tendons.
  - External future tendons for Span 3 are 22 x 0.6-in diameter strand tendons.
  - External future tendons for Span 2 are 22 x 0.6-in diameter strand tendons.
  - Tendon T4, and the contingency tendon go through Row B ducts in the top slab.

- Key:**
- ▶ Dead end
  - ▷ Stressing end
  - - - Contingency duct
  - Row A duct
  - - - Row B duct



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

**BLUE RIDGE PARKWAY**

BRIDGE OVER I-26

**LONGITUDINAL  
POST-TENSIONING LAYOUT - 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	CWN	CC	No Scale	George Choubah	195 of 228	December 2018	BRP-1265

ACTUAL FILE:R196\_BLR1\_I26\_LONG\_PT\_SCHEDULE.dgn

M:\PROJECTS\STATE\_DOT\NC\brl\_I26\_nepa\Bridges\Microstation\Bridges Design Files\NO\_PROJECTS.dgn

14-Dec-2018 12:22 PM

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R196

TENDON QUANTITY/STRESSING/GROUTING/ANCHOR PROTECTION SCHEDULE													
Location	Tendon Designation	No. of tendons	Tendon Quantity and Size	Tendon Length (Ft-In)	Tendon Weight (Lbs)	Total Weight (Lbs)	Stressing Force/Tendon (Kips)	Stressing End	Elongation (In)		Tendon Profile	Anchor Protection Type	
									Before Anchor Set	After Anchor Set		Up Sta.	Down Sta.
Pier 1	T1	2	12 x 0.6" Ø	30'-9"	273	546	562	Down Sta.	2.8	2.4	1	1	1
	T2	2	12 x 0.6" Ø	50'-8"	450	899	562	Up Sta.	4.5	4.2	1	1	1
	T3	2	12 x 0.6" Ø	50'-10"	451	902	562	Up Sta.	4.5	4.1	1	1	1
	T4	2	12 x 0.6" Ø	70'-9"	628	1256	562	Down Sta.	6.2	5.9	1	1	1
	T5	2	12 x 0.6" Ø	90'-8"	805	1611	562	Up Sta.	8.0	7.6	1	1	1
	T6	2	12 x 0.6" Ø	110'-8"	983	1966	562	Down Sta.	9.7	9.3	1	1	1
	T7	2	12 x 0.6" Ø	130'-8"	1160	2320	562	Up Sta.	11.4	11.0	1	1	1
	T8	2	12 x 0.6" Ø	130'-8"	1161	2321	562	Up Sta.	11.4	11.0	1	1	1
	T9	2	12 x 0.6" Ø	150'-8"	1338	2676	562	Down Sta.	13.1	12.7	1	1	1
	T10	2	12 x 0.6" Ø	170'-7"	1515	3030	562	Up Sta.	14.7	14.4	1	1	1
	T11	2	12 x 0.6" Ø	190'-8"	1693	3386	562	Down Sta.	16.4	16.0	1	1	1
	T12	2	12 x 0.6" Ø	210'-7"	1870	3739	562	Up Sta.	18.1	17.7	1	1	1
	T13	2	12 x 0.6" Ø	210'-8"	1870	3741	562	Up Sta.	18.1	17.7	1	1	1
	T14	2	12 x 0.6" Ø	230'-7"	2047	4095	562	Down Sta.	19.7	19.3	1	1	1
	T15	2	12 x 0.6" Ø	250'-4"	2223	4446	562	Up Sta.	21.3	21.0	1	1	1
	T16	2	12 x 0.6" Ø	270'-6"	2402	4804	562	Down Sta.	23.0	22.6	1	1	1
Pier 2	T1	2	12 x 0.6" Ø	30'-9"	273	546	562	Up Sta.	2.8	2.4	1	1	1
	T2	2	12 x 0.6" Ø	50'-9"	450	901	562	Down Sta.	4.5	4.2	1	1	1
	T3	2	12 x 0.6" Ø	50'-10"	451	902	562	Down Sta.	4.5	4.1	1	1	1
	T4	2	12 x 0.6" Ø	70'-9"	628	1256	562	Up Sta.	6.2	5.9	1	1	1
	T5	2	12 x 0.6" Ø	90'-8"	805	1611	562	Down Sta.	8.0	7.6	1	1	1
	T6	2	12 x 0.6" Ø	110'-8"	983	1966	562	Up Sta.	9.7	9.3	1	1	1
	T7	2	12 x 0.6" Ø	130'-8"	1160	2320	562	Down Sta.	11.4	11.0	1	1	1
	T8	2	12 x 0.6" Ø	130'-8"	1161	2321	562	Down Sta.	11.4	11.0	1	1	1
	T9	2	12 x 0.6" Ø	150'-8"	1338	2676	562	Up Sta.	13.1	12.7	1	1	1
	T10	2	12 x 0.6" Ø	170'-7"	1515	3030	562	Down Sta.	14.7	14.4	1	1	1
	T11	2	12 x 0.6" Ø	190'-8"	1693	3386	562	Up Sta.	16.4	16.0	1	1	1
	T12	2	12 x 0.6" Ø	210'-7"	1870	3739	562	Down Sta.	18.1	17.7	1	1	1
	T13	2	12 x 0.6" Ø	210'-8"	1870	3741	562	Down Sta.	18.1	17.7	1	1	1
	T14	2	12 x 0.6" Ø	230'-7"	2047	4095	562	Up Sta.	19.7	19.3	1	1	1
	T15	2	12 x 0.6" Ø	250'-4"	2223	4446	562	Down Sta.	21.3	21.0	1	1	1
	T16	2	12 x 0.6" Ø	270'-6"	2402	4804	562	Up Sta.	23.0	22.6	1	1	1

TENDON QUANTITY/STRESSING/GROUTING/ANCHOR PROTECTION SCHEDULE													
Location	Tendon Designation	No. of tendons	Tendon Quantity and Size	Tendon Length (Ft-In)	Tendon Weight (Lbs)	Total Weight (Lbs)	Stressing Force/Tendon (Kips)	Stressing End	Elongation (In)		Tendon Profile	Anchor Protection Type	
									Before Anchor Set	After Anchor Set		Up Sta.	Down Sta.
Span 1	T17	2	12 x 0.6" Ø	56'-5"	501	1002	562	Up Sta.	4.8	4.4	1	2	3
	B9	2	12 x 0.6" Ø	78'-1"	693	1386	562	Up Sta.	6.7	6.3	1	2	2
	B10	2	12 x 0.6" Ø	97'-0"	861	1722	562	Up Sta.	8.3	8.0	1	2	2
	B11	2	12 x 0.6" Ø	116'-4"	1033	2065	562	Up Sta.	9.8	9.4	1	2	3
	B12	2	12 x 0.6" Ø	126'-4"	1121	2243	562	Up Sta.	10.6	10.3	1	2	3
	E3	2	12 x 0.6" Ø	166'-8"	1480	2959	562	Up Sta.	14.8	14.4	3	2	3
Span 2	T18	2	12 x 0.6" Ø	40'-2"	357	714	562	Down Sta.	3.5	3.1	2	2	2
	B1	2	12 x 0.6" Ø	60'-1"	533	1067	562	Down Sta.	5.2	4.8	2	2	2
	B2	2	12 x 0.6" Ø	79'-11"	710	1420	562	Up Sta.	6.9	6.5	2	2	2
	B3	2	12 x 0.6" Ø	99'-11"	887	1775	562	Down Sta.	8.5	8.1	2	2	2
	B4	2	12 x 0.6" Ø	119'-11"	1065	2130	562	Up Sta.	10.1	9.7	2	2	2
	B5	2	12 x 0.6" Ø	139'-11"	1242	2485	562	Down Sta.	11.8	11.4	2	2	2
	B6	2	12 x 0.6" Ø	159'-11"	1420	2840	562	Up Sta.	13.4	13.0	2	2	2
	B7	2	12 x 0.6" Ø	179'-11"	1597	3195	562	Down Sta.	15.0	14.6	2	2	2
	B8	2	12 x 0.6" Ø	199'-11"	1775	3550	562	Up Sta.	16.6	16.2	2	2	2
	E1	2	12 x 0.6" Ø	280'-5"	2490	4980	562	Down Sta.	24.8	24.4	4	2	2
E2	2	12 x 0.6" Ø	280'-5"	2490	4980	562	Up Sta.	24.8	24.4	4	2	2	
Span 3	T17	2	12 x 0.6" Ø	56'-5"	501	1002	562	Down Sta.	4.8	4.4	1	3	2
	B9	2	12 x 0.6" Ø	78'-1"	693	1386	562	Down Sta.	6.7	6.3	2	2	2
	B10	2	12 x 0.6" Ø	97'-0"	861	1722	562	Down Sta.	8.3	8.0	2	2	2
	B11	2	12 x 0.6" Ø	116'-4"	1033	2066	562	Down Sta.	9.8	9.4	2	3	2
	B12	2	12 x 0.6" Ø	126'-4"	1122	2243	562	Down Sta.	10.6	10.3	2	3	2
	E3	2	12 x 0.6" Ø	166'-8"	1480	2960	562	Down Sta.	14.8	14.4	3	3	2

**Notes:**

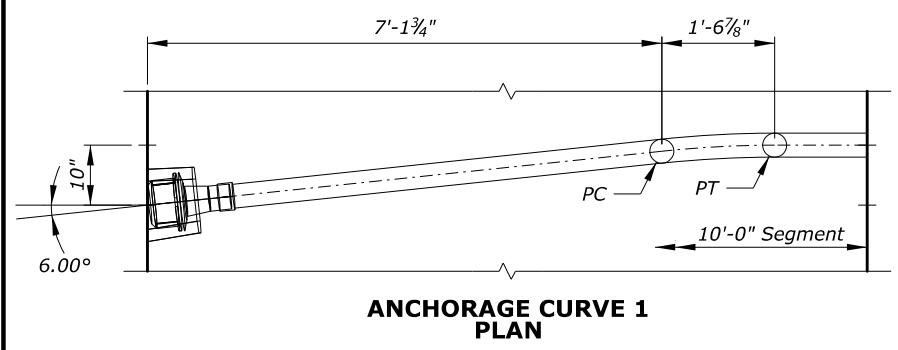
- The values shown for each tendon are the average of the corresponding tendons at each side of the C of the girder.
- All mild steel bursting reinforcement for post-tensioning anchorage protection is incidental to the system.
- Weight of a single 0.6" Ø strand is 0.74 pounds per foot length.
- Tendon lengths and weights shown are measured from bearing plates. Additional strand length beyond the bearing plate for jacking and the weight of any additional hardware is not included.
- For tendon profiles and anchor protection types, see "POST-TENSIONING DETAILS" sheet.

U.S. DEPARTMENT OF TRANSPORTATION  
 FEDERAL HIGHWAY ADMINISTRATION  
 EASTERN FEDERAL LANDS HIGHWAY DIVISION  
  
 BLUE RIDGE PARKWAY  
  
 BRIDGE OVER I-26  
  
 LONGITUDINAL  
 POST-TENSIONING SCHEDULE

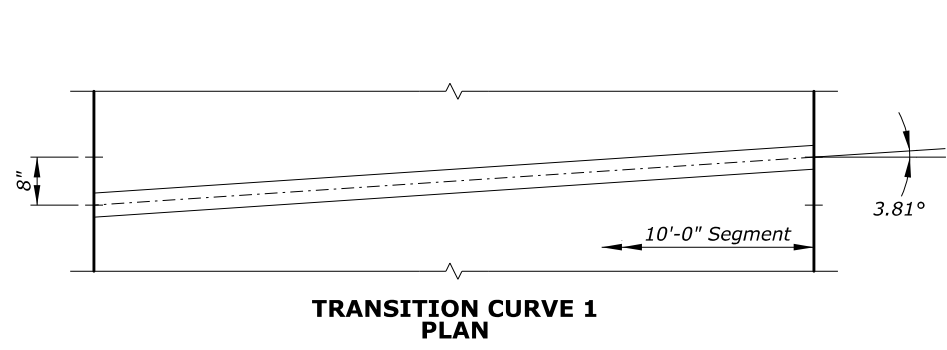
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CWN	CWN	HC	No Scale	George Choubah	196 of 228	December 2018	BRP-1265



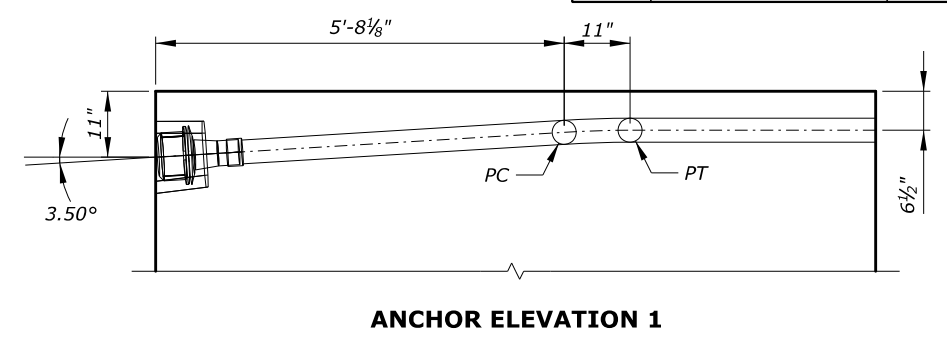
STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R197



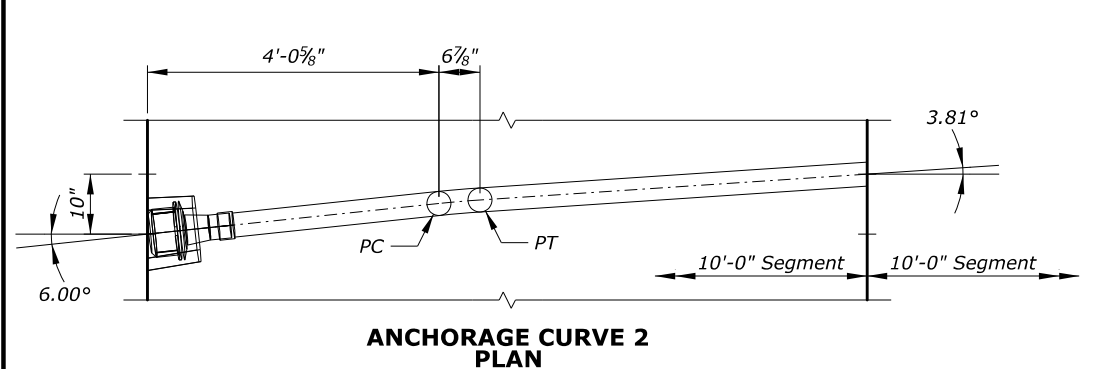
**ANCHORAGE CURVE 1 PLAN**



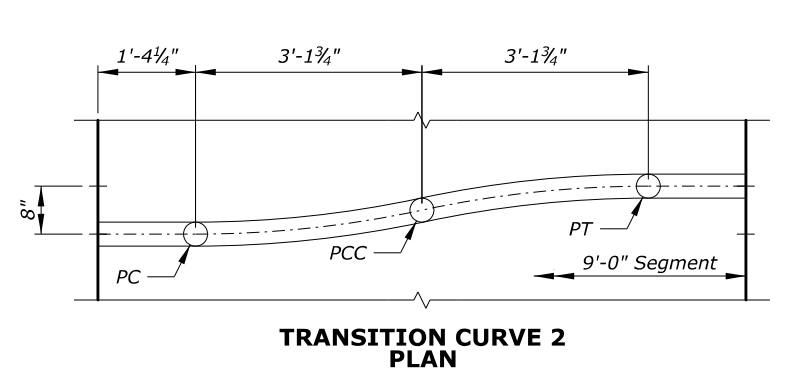
**TRANSITION CURVE 1 PLAN**



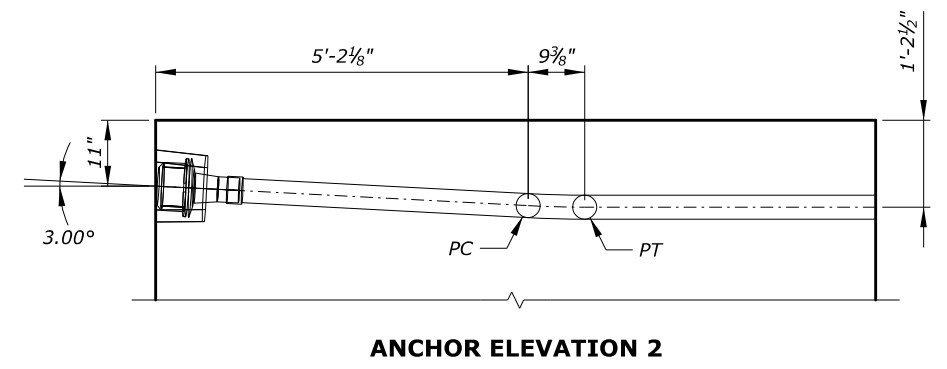
**ANCHOR ELEVATION 1**



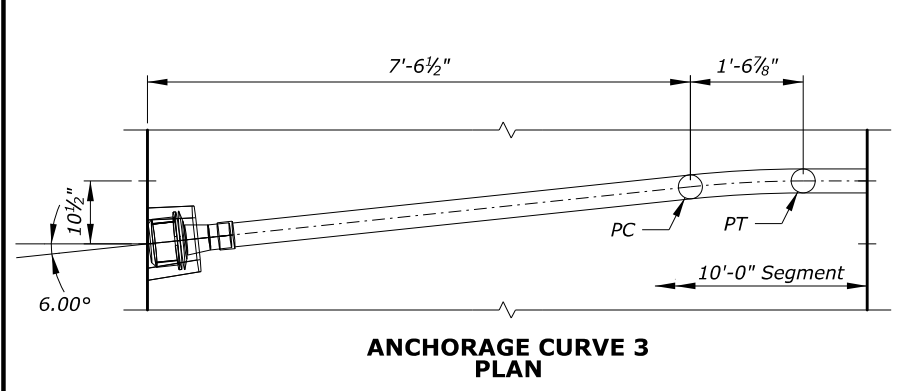
**ANCHORAGE CURVE 2 PLAN**



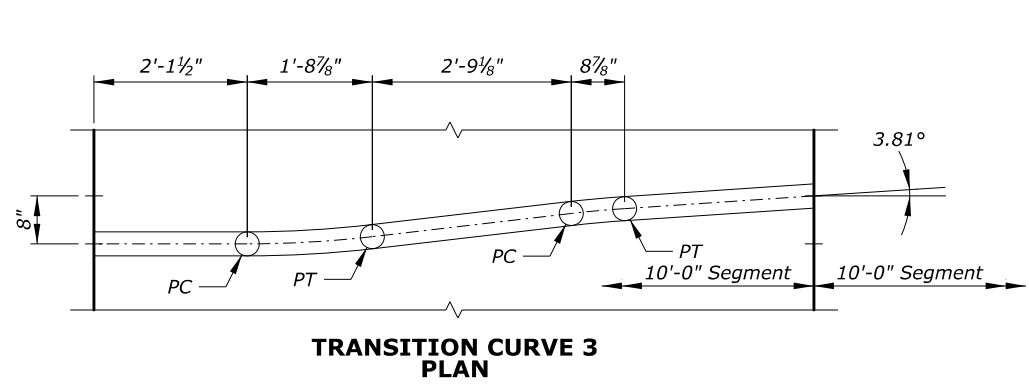
**TRANSITION CURVE 2 PLAN**



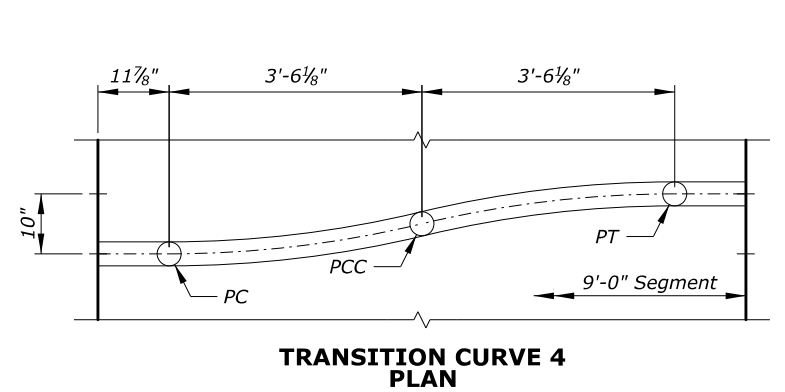
**ANCHOR ELEVATION 2**



**ANCHORAGE CURVE 3 PLAN**



**TRANSITION CURVE 3 PLAN**



**TRANSITION CURVE 4 PLAN**

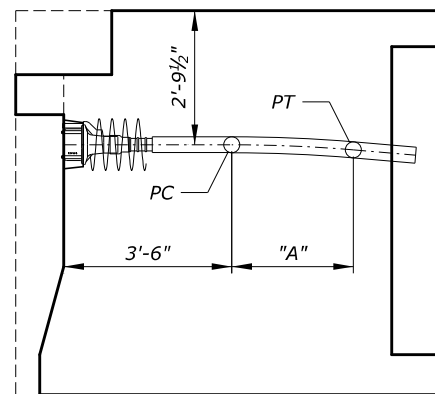
- Notes:
1. The radius of all curves is 15'-0", unless otherwise noted.
  2. For details on bottom slab blister tendons, see "BOTTOM SLAB BLISTER" sheet.
  3. For details on tendons at abutments, see "ABUTMENT SEGMENT DIMENSIONS" sheet.
  4. For details on external and future tendons, see "EXTERNAL TENDON CURVATURE DETAILS" sheet.

U.S. DEPARTMENT OF TRANSPORTATION  
 FEDERAL HIGHWAY ADMINISTRATION  
 EASTERN FEDERAL LANDS HIGHWAY DIVISION  
 BLUE RIDGE PARKWAY  
 BRIDGE OVER I-26  
 LONGITUDINAL TENDON  
 CURVATURE DETAILS

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	HC	3/4" = 1'-0"	George Choubah	197 of 228	December 2018	BRP-1265

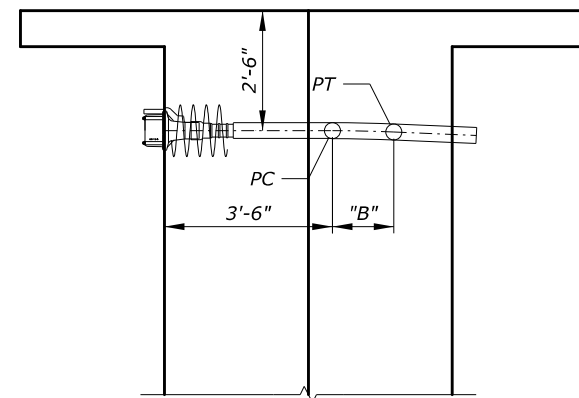
14-Dec-2018 12:22 PM M:\PROJECTS\STATE\_DOT\NC\brl\_126\_nepa\bridge\microstation\bridge Design Files\NO\_OP\PROJECTS.dgn ACTUAL FILE:R197\_BLRI\_126\_LONG TENDON CURVATURE DETAILS.DGN

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R198



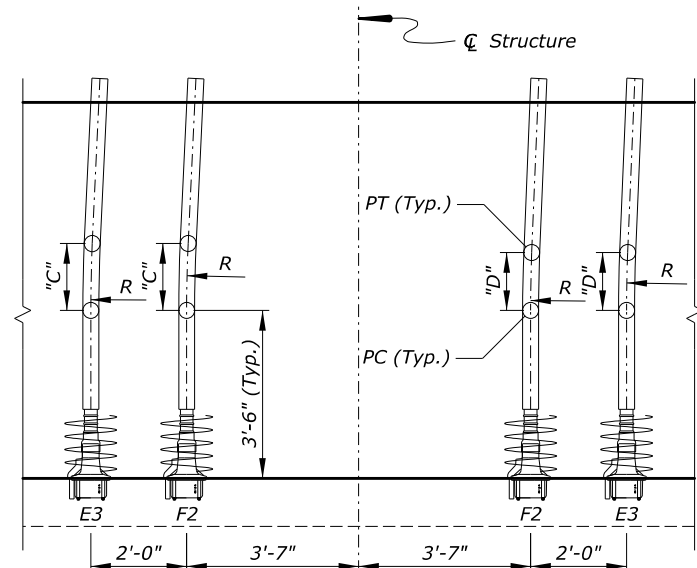
**ABUTMENT SEGMENT ELEVATION VIEW**

ABUTMENT SEGMENT VERTICAL CURVE DIMENSIONS	
Location	Dimension "A"
Abutment 1	2'-6 <sup>3</sup> / <sub>8</sub> "
Abutment 2	2'-6 <sup>5</sup> / <sub>8</sub> "



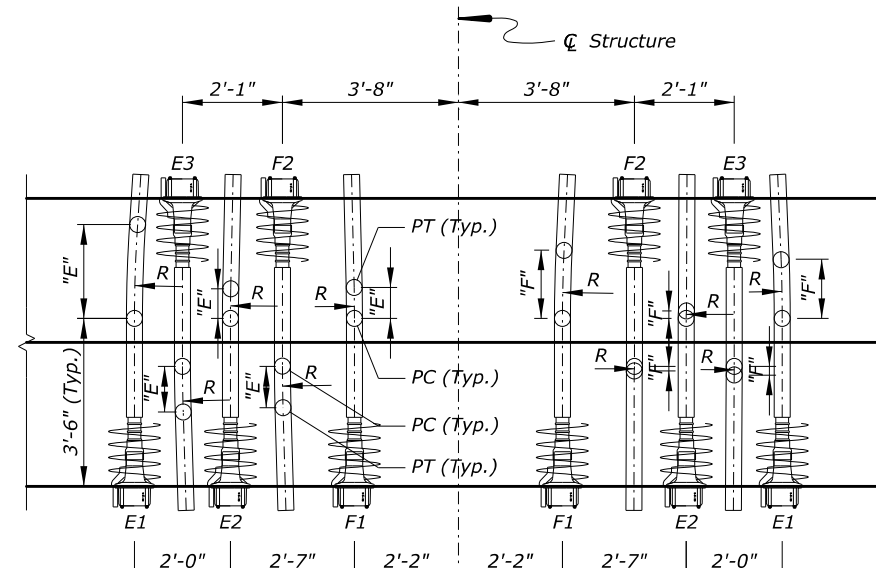
**PIER SEGMENT ELEVATION VIEW**

PIER SEGMENT VERTICAL CURVE DIMENSIONS		
Location	Tendon	Dimension "B"
Pier 1	E3, F2	2'-6 <sup>3</sup> / <sub>8</sub> "
Pier 1	E1, E2, F1	2'-6 <sup>5</sup> / <sub>8</sub> "
Pier 2	E1, E2, F1	2'-6 <sup>3</sup> / <sub>8</sub> "
Pier 2	E3, F2	2'-6 <sup>5</sup> / <sub>8</sub> "



ABUTMENT SEGMENT HORIZONTAL CURVE DIMENSIONS			
Location	Tendon	Dim. "C"	Dim. "D"
Abutment 1	F2	1'-4 <sup>3</sup> / <sub>4</sub> "	1'-2 <sup>1</sup> / <sub>2</sub> "
Abutment 1	E3	1'-4 <sup>3</sup> / <sub>4</sub> "	1'-2 <sup>1</sup> / <sub>2</sub> "
Abutment 2	E3	1'-2 <sup>1</sup> / <sub>2</sub> "	1'-4 <sup>3</sup> / <sub>4</sub> "
Abutment 2	F2	1'-2 <sup>1</sup> / <sub>2</sub> "	1'-4 <sup>3</sup> / <sub>4</sub> "

**ABUTMENT SEGMENT PLAN VIEW**  
Abutment 1 shown  
Abutment 2 similar, but opposite hand



**PIER SEGMENT PLAN VIEW**  
Pier 1 shown  
Pier 2 similar, but opposite hand

PIER SEGMENT HORIZONTAL CURVE DIMENSIONS			
Location	Tendon	Dim. "E"	Dim. "F"
Pier 1	E1	1'-11 <sup>1</sup> / <sub>2</sub> "	1'-2 <sup>3</sup> / <sub>4</sub> "
Pier 1	E2	7 <sup>3</sup> / <sub>8</sub> "	1 <sup>7</sup> / <sub>8</sub> "
Pier 1	F1	7 <sup>3</sup> / <sub>4</sub> "	1'-5"
Pier 1	E3	11 <sup>3</sup> / <sub>8</sub> "	2 <sup>1</sup> / <sub>8</sub> "
Pier 1	F2	10 <sup>1</sup> / <sub>4</sub> "	1 <sup>1</sup> / <sub>8</sub> "
Pier 2	E1	1'-2 <sup>3</sup> / <sub>4</sub> "	1'-11 <sup>1</sup> / <sub>2</sub> "
Pier 2	E2	1 <sup>7</sup> / <sub>8</sub> "	7 <sup>3</sup> / <sub>8</sub> "
Pier 2	F1	1'-5"	7 <sup>3</sup> / <sub>4</sub> "
Pier 2	E3	2 <sup>1</sup> / <sub>8</sub> "	11 <sup>3</sup> / <sub>8</sub> "
Pier 2	F2	1 <sup>1</sup> / <sub>8</sub> "	10 <sup>1</sup> / <sub>4</sub> "

**Notes:**

- The curve radius for external and future tendons is 30'-0", unless otherwise noted.
- For anchor locations in abutment segments, see "ABUTMENT SEGMENT DIMENSIONS" sheet.
- For anchor locations in pier segments, see "PIER SEGMENT DIMENSIONS" sheet.
- For deviator details, see "TYPE 1 DEVIATOR" and "TYPE 2 DEVIATOR" sheets.

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

BLUE RIDGE PARKWAY

BRIDGE OVER I-26

**EXTERNAL AND FUTURE TENDON CURVATURE DETAILS**

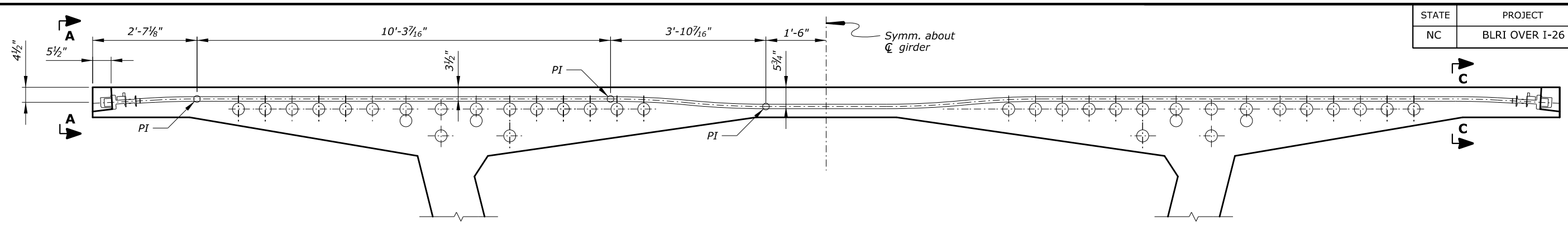
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC	CC	HC	1/2" = 1'-0"	George Choubah	198 of 228	December 2018	BRP-1265

ACTUAL FILE: R199\_BLR1\_I26\_TRANS\_PT\_DETAILS.dgn

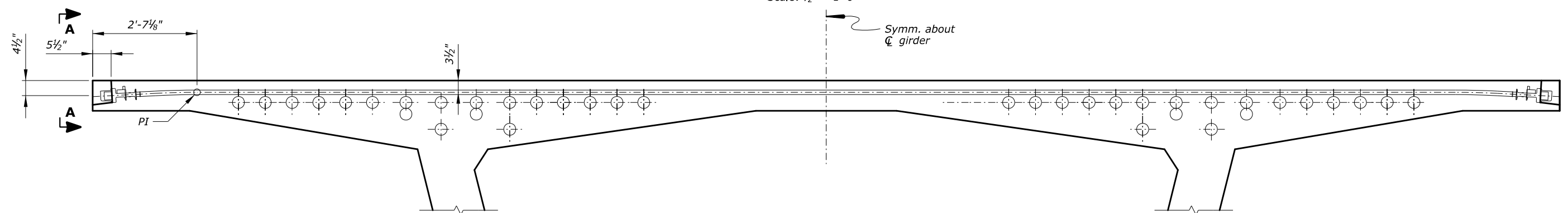
M:\PROJECTS\STATE\_DOT\NC\brl\_126\_nepa\Bridges\Microstation\Bridges Design Files\NO\_OP\PROJECTS.dgn

14-Dec-2018 12:22 PM

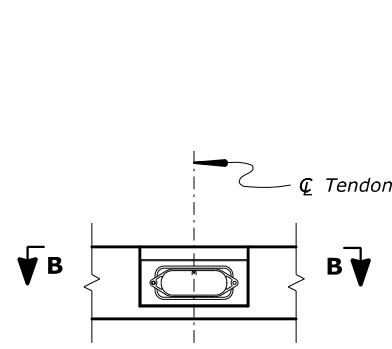
STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R199



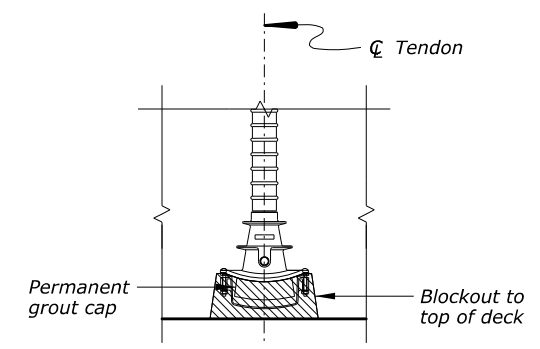
**TYPICAL TRANSVERSE POST-TENSIONING PROFILE**  
Scale: 1/2" = 1'-0"



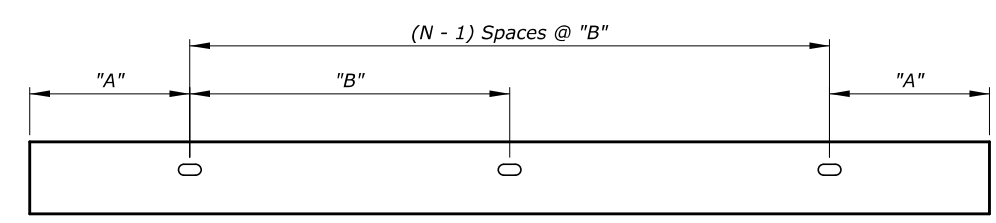
**TRANSVERSE POST-TENSIONING PROFILE AT PIER SEGMENTS AND ABUTMENT SEGMENTS**  
Scale: 1/2" = 1'-0"



**VIEW A-A**  
Not to scale



**VIEW B-B**  
Not to scale



**SECTION C-C**  
Not to scale

**Notes:**

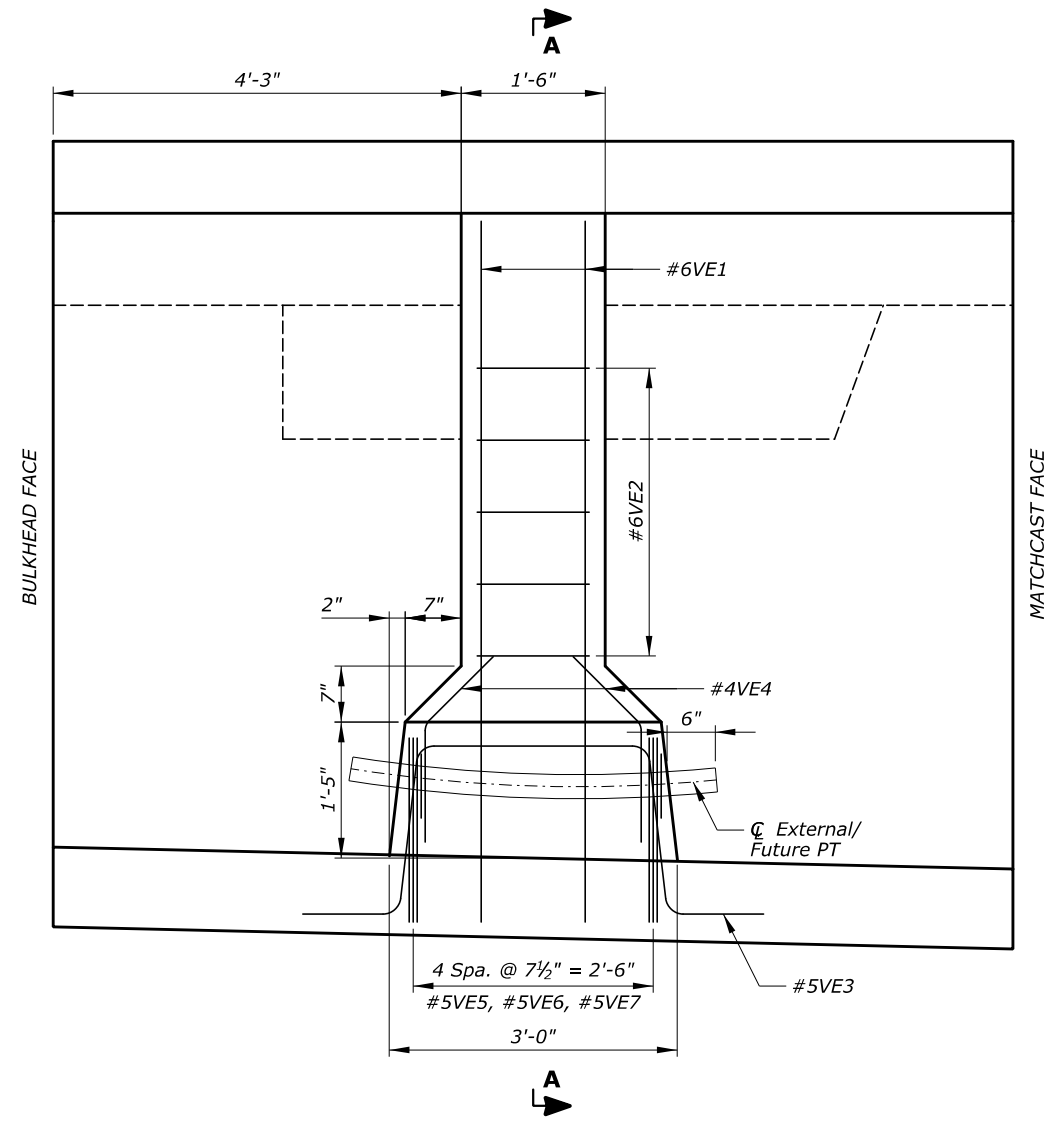
1. Use single end stressing for all tendons. The stressing end for adjacent tendons shall be alternated within each segment.
2. Stress tendon to the full jacking force after segment has been used as a match cast segment.
3. Do not stress tendons until the concrete has reached a minimum compressive strength of 4000 psi.
4. Dimensions given in cross sections are to C tendon duct at the PI points of the tendons.
5. Minimum bending radius for all tendons is 15'-0".
6. Tabulated length and weight are measured from anchor plate to anchor plate, and do not account for variables such as vertical geometry. Additional strand beyond the plates for jacking and the weight of any anchorage hardware is not included.
7. All details shown for bursting steel are for information only. Actual shape and amount of bursting steel is provided by the post-tensioning hardware supplier.
8. Fill recesses with an approved epoxy grout and finish to meet the lines of the structural elements. Fill recesses in the casting yard.

TRANSVERSE POST-TENSIONING DATA IN SUPERSTRUCTURE												
Segment Type	Segment Length "L" (Ft-In)	Number of Tendons/Segment "N"	Number of Segments	Total Number of Tendons	"A" (Ft-In)	"B" (Ft-In)	Tendon Quantity and Size	Tendon Length (Ft-In)	Tendon Weight (Lb)	Total Weight (Lb)	Stressing Force/Tendon (Kips)	Elongation Prior to Anchor Set (In)
Abutment	8'-10"	3	2	6	See abutment drawings.		4 x 0.6" Ø	35'-5"	104.5	628	175.8	3.2
A1-1U, A1-2U, A2-2D, A2-1D	9'-0"	3	4	12	1'-6"	3'-0"	3 x 0.6" Ø	35'-5"	78.5	942	140.5	3.2
Typical	10'-0"	3	52	156	1'-8"	3'-4"	3 x 0.6" Ø	35'-5"	78.5	12246	140.5	3.2
Pier	6'-0"	2	4	8	See pier drawings.		4 x 0.6" Ø	35'-5"	104.5	836	175.8	3.2
Closure	2'-0"	1	2	2	1'-0"	-	3 x 0.6" Ø	35'-5"	78.5	157	140.5	3.2
Closure	3'-0"	1	1	1	1'-6"	-	3 x 0.6" Ø	35'-5"	78.5	78.5	140.5	3.2
									Total Weight (Lbs)	14888		

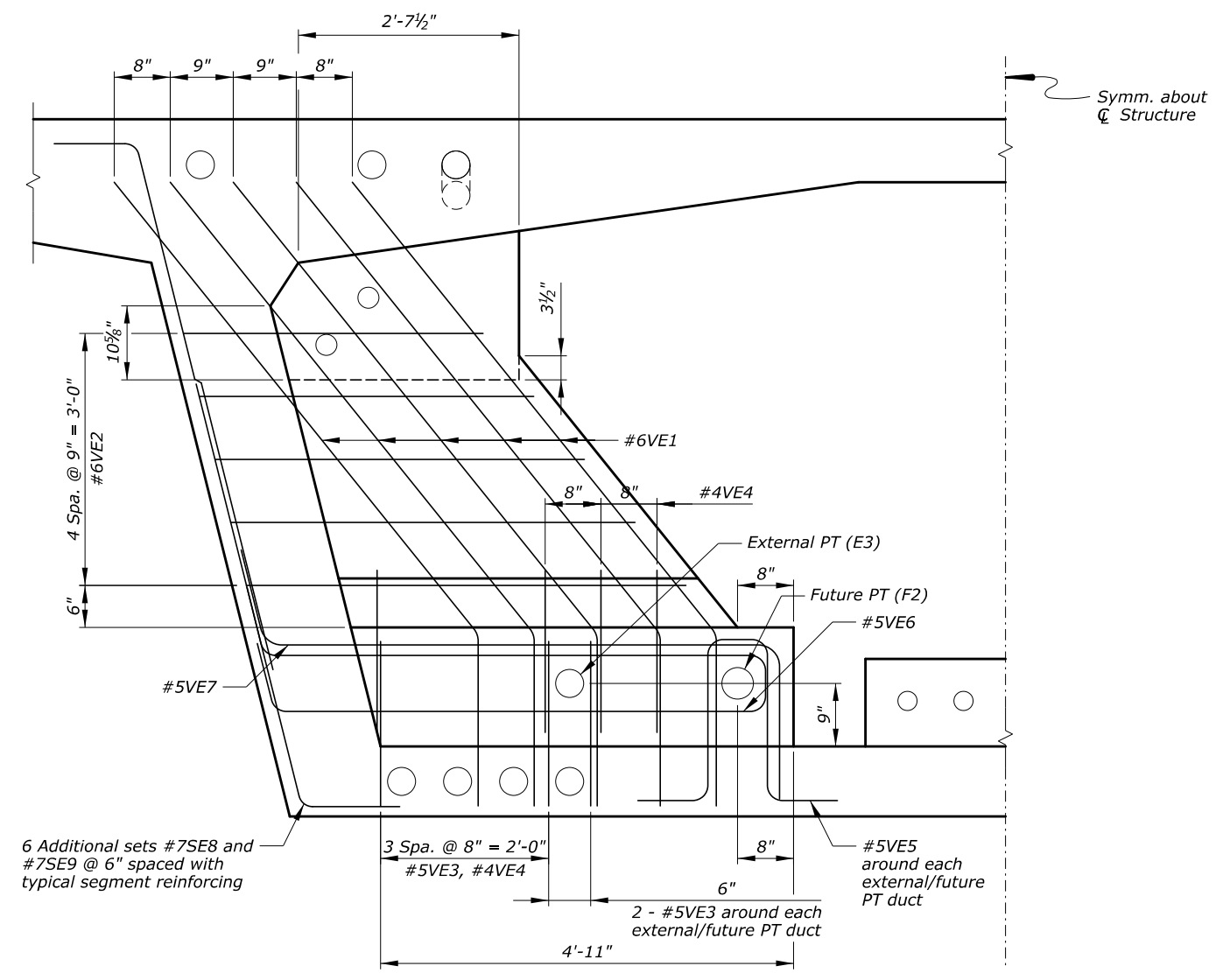
U.S. DEPARTMENT OF TRANSPORTATION  
FEDERAL HIGHWAY ADMINISTRATION  
EASTERN FEDERAL LANDS HIGHWAY DIVISION  
  
BLUE RIDGE PARKWAY  
  
BRIDGE OVER I-26  
  
TRANSVERSE POST-TENSIONING DETAILS

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	AR/BK	HC	As Shown	George Choubah	199 of 228	December 2018	BRP-1265

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R200



**ELEVATION**  
Typical segment reinforcement not shown.



**SECTION A-A**  
Typical segment reinforcement not shown, except as noted.

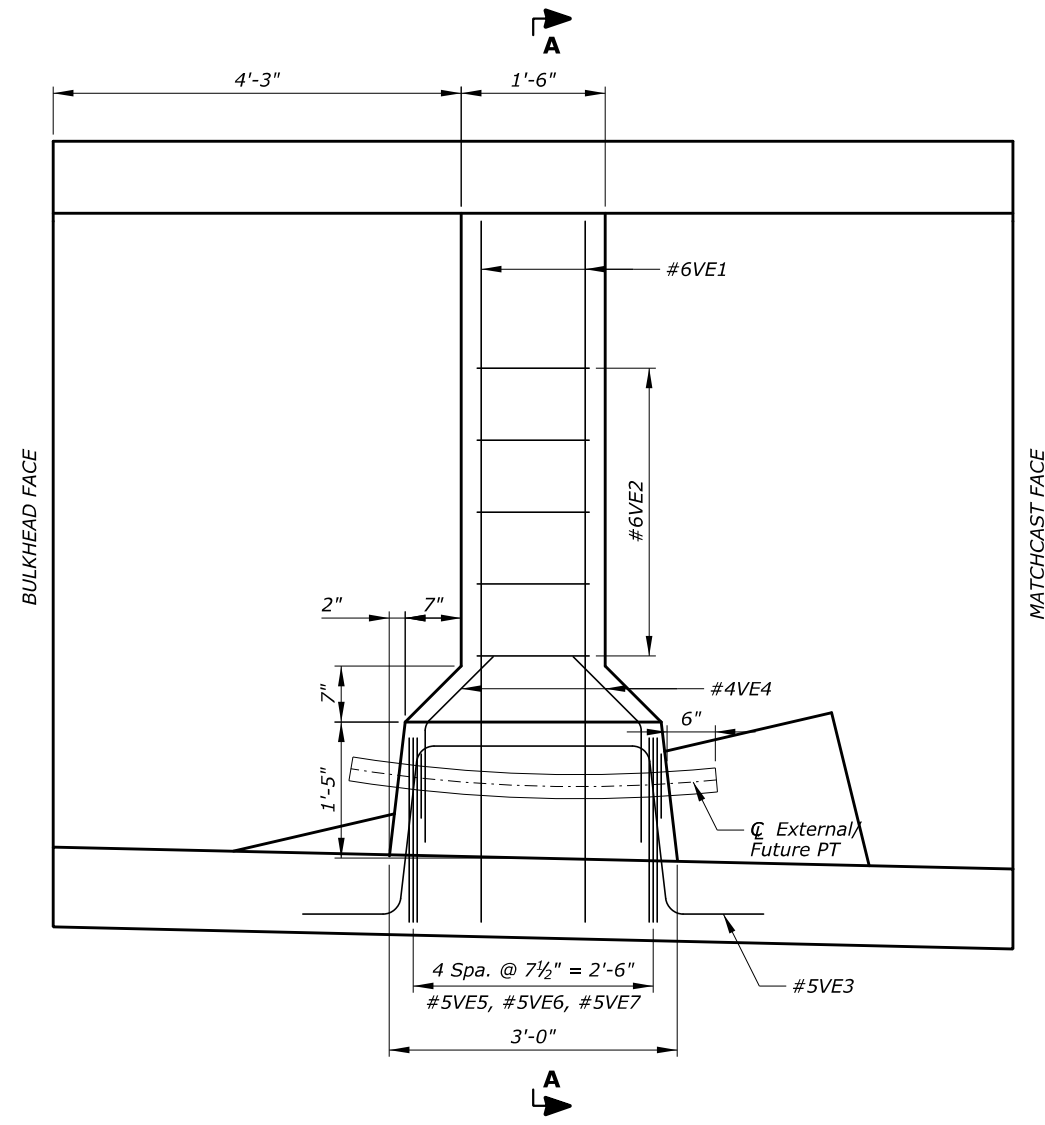
Notes:

1. The curve radius for external and future tendons is 22'-0", unless otherwise noted.
2. For location of Type 1 Deviator, see "SEGMENT 1-11D REINFORCEMENT" and "SEGMENT 2-11U REINFORCEMENT" sheets.
3. Adjust slightly the location of reinforcement to avoid conflict with post-tensioning ducts.

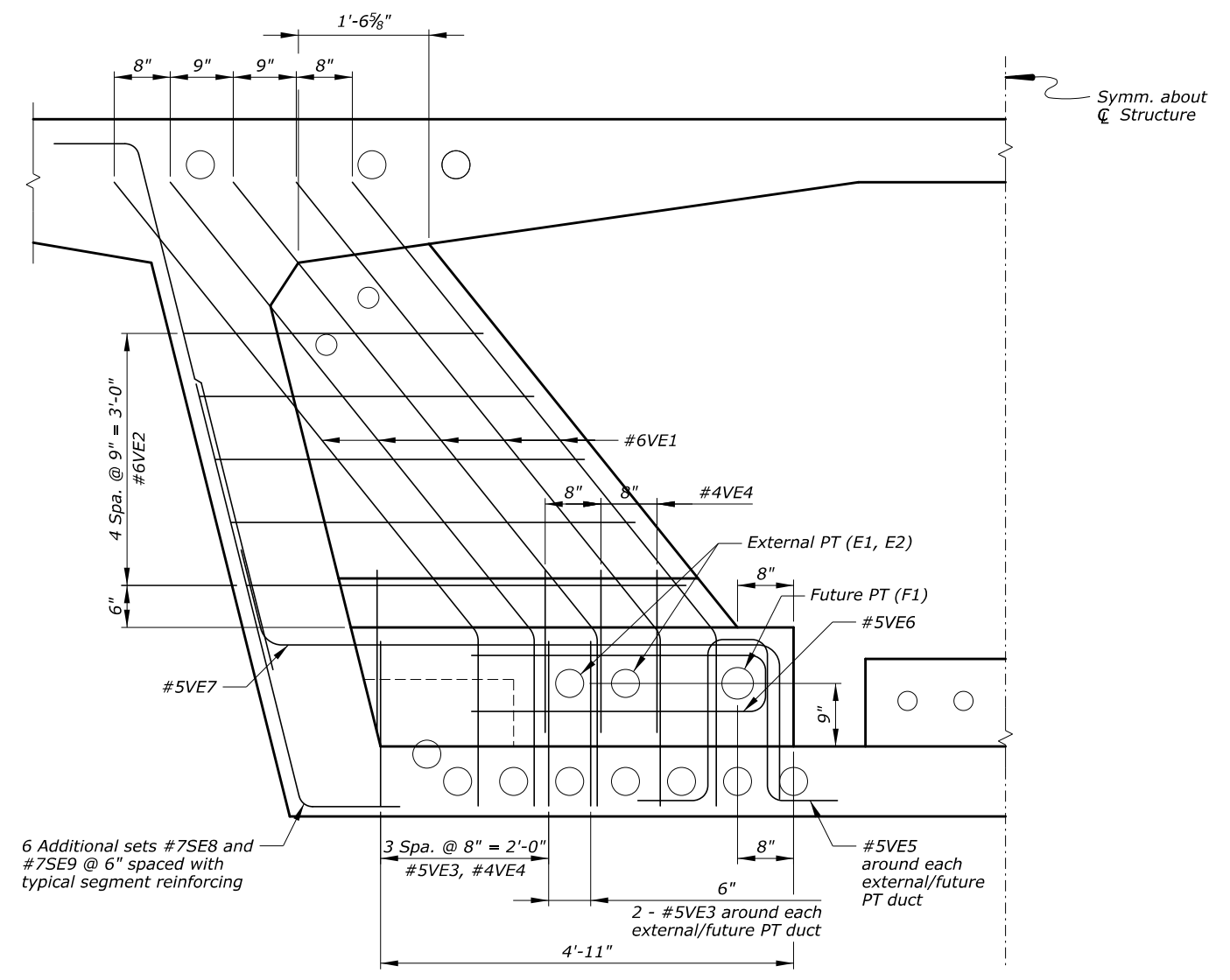
U.S. DEPARTMENT OF TRANSPORTATION  
 FEDERAL HIGHWAY ADMINISTRATION  
 EASTERN FEDERAL LANDS HIGHWAY DIVISION  
  
 BLUE RIDGE PARKWAY  
  
 BRIDGE OVER I-26  
  
 TYPE 1 DEVIATOR

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	HC	1" = 1'-0"	George Choubah	200 of 228	December 2018	BRP-1265

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R201



**ELEVATION**  
Typical segment reinforcement not shown.



**SECTION A-A**  
Typical segment reinforcement not shown, except as noted.

Notes:

1. The curve radius for external and future tendons is 22'-0", unless otherwise noted.
2. For location of Type 2 Deviator, see "SEGMENT 1-11U REINFORCEMENT" and "SEGMENT 2-11D REINFORCEMENT" sheets.
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

TYPE 2 DEVIATOR

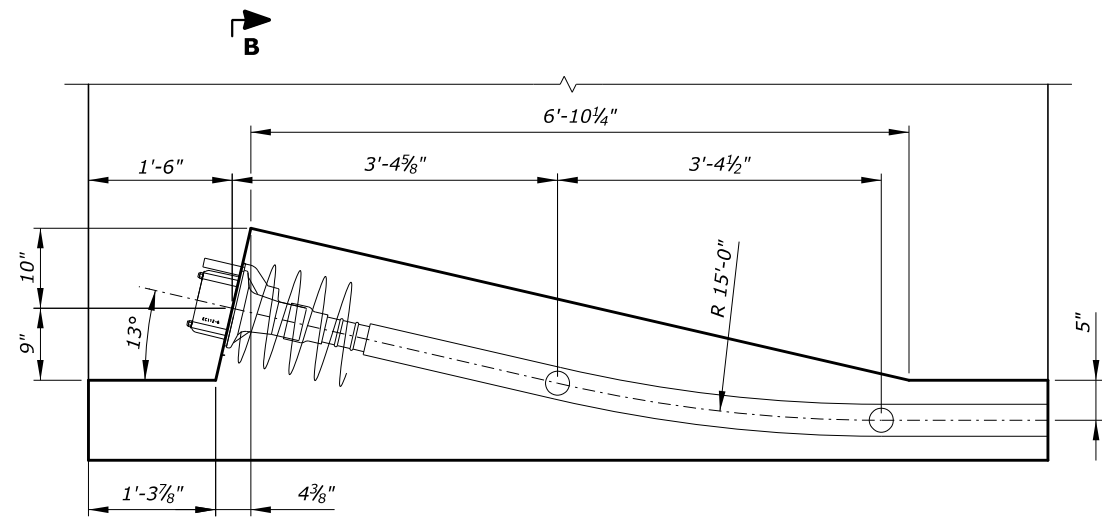
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC	CC	HC	1" = 1'-0"	George Choubah	201 of 228	December 2018	BRP-1265

ACTUAL FILE: R202\_BLR1\_I26\_BOTTOM SLAB BLISTER.DGN

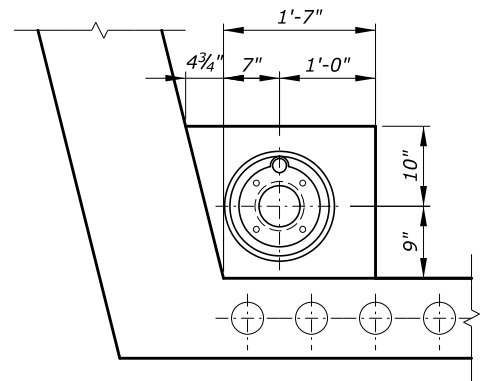
M:\PROJECTS\STATE\_DOT\NC\brl\_126\_nepa\Bridges\Microstation\Bridges Design Files\NO\_OP\PROJECTS.dgn

14-Dec-2018 12:23 PM

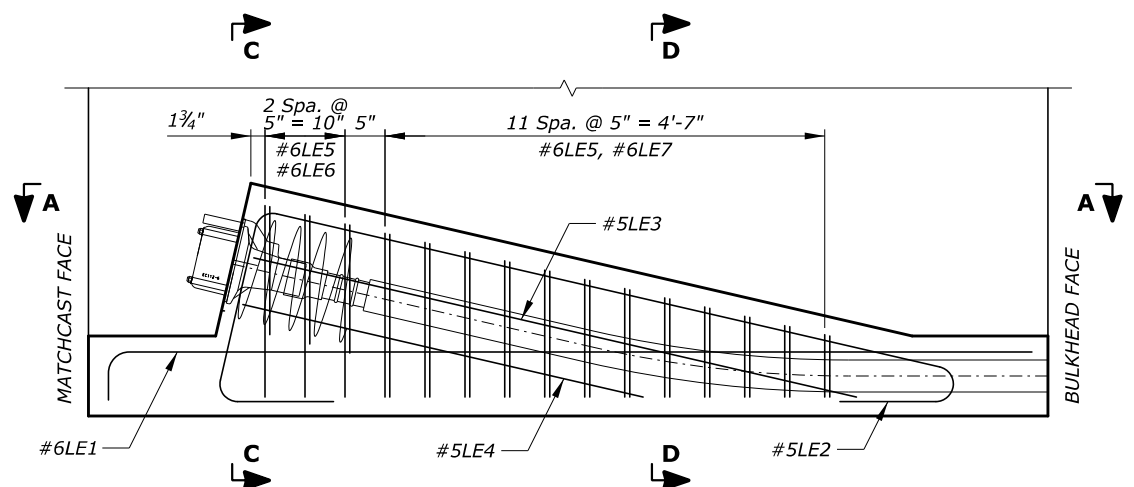
STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R202



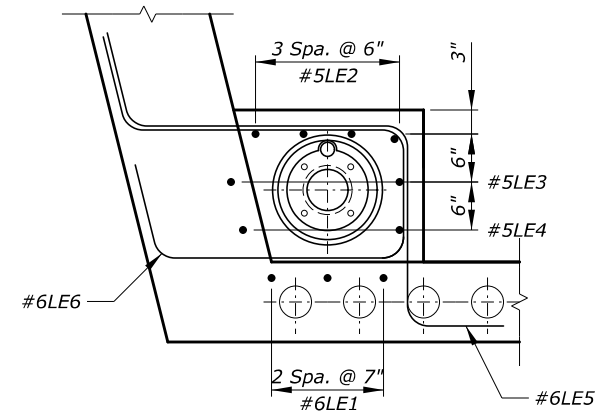
**BLISTER ELEVATION**



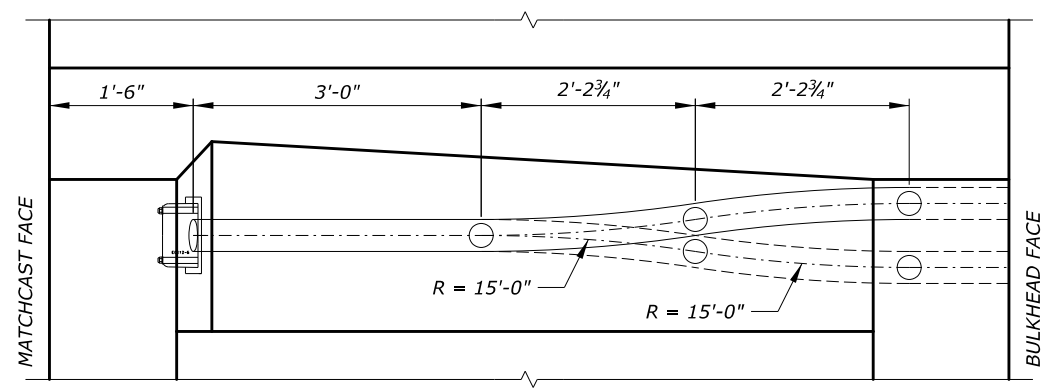
**SECTION B-B**



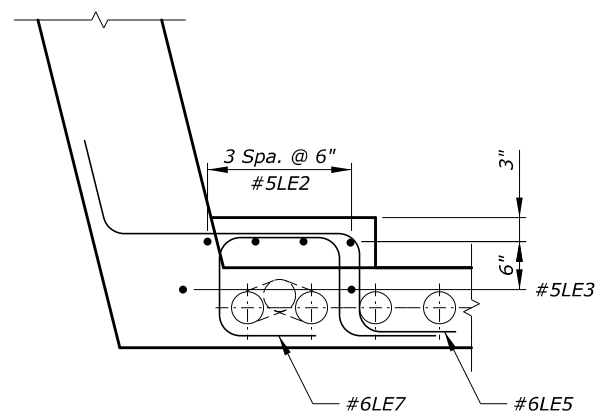
**REINFORCEMENT**



**SECTION C-C**



**SECTION A-A  
TENDON HORIZONTAL CURVE**



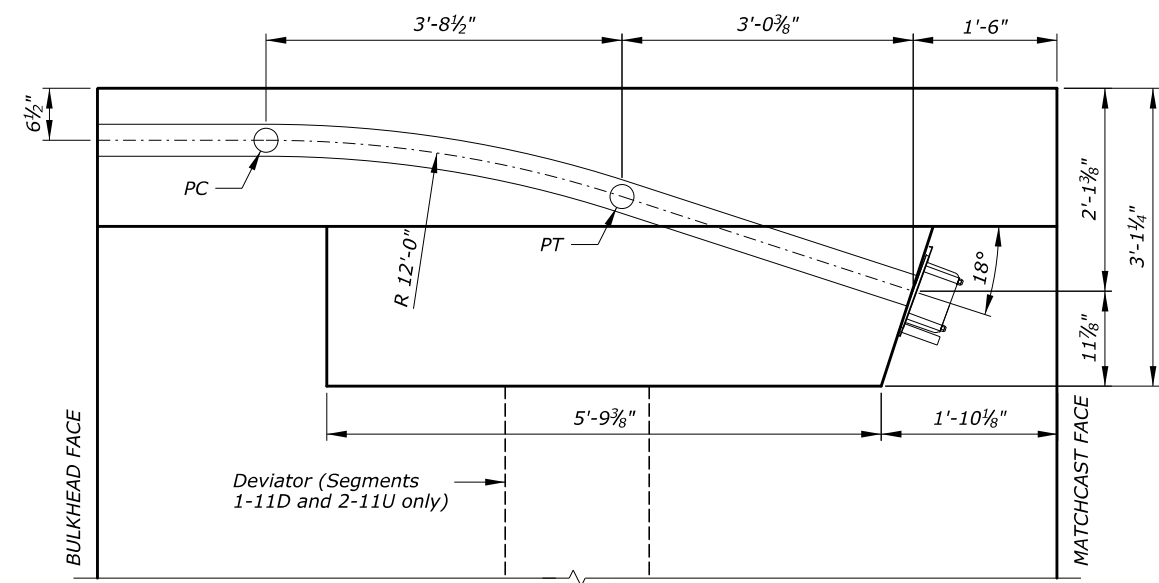
**SECTION D-D**

- Notes:
1. Typical segment reinforcing not shown for clarity.
  2. Adjust slightly the location of reinforcement to avoid conflict with post-tensioning ducts.

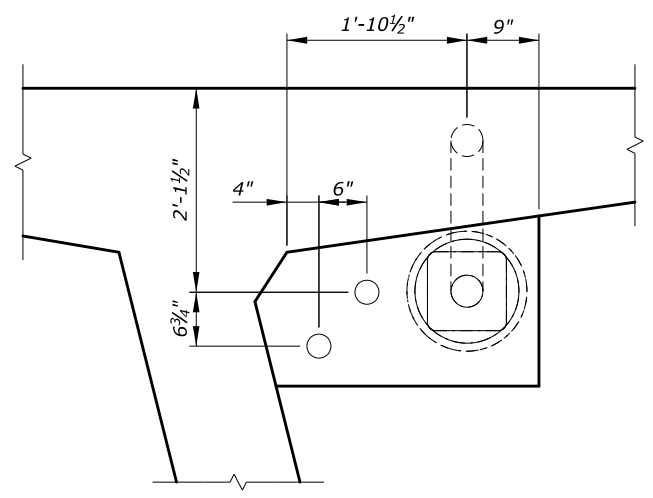
U.S. DEPARTMENT OF TRANSPORTATION  
 FEDERAL HIGHWAY ADMINISTRATION  
 EASTERN FEDERAL LANDS HIGHWAY DIVISION  
 BLUE RIDGE PARKWAY  
 BRIDGE OVER I-26  
 BOTTOM SLAB BLISTER

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	HC	1" = 1'-0"	George Choubah	202 of 228	December 2018	BRP-1265

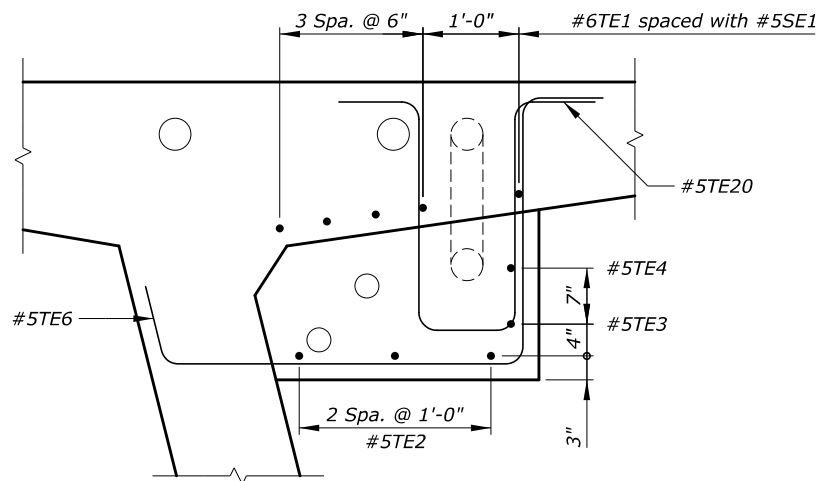
STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R203



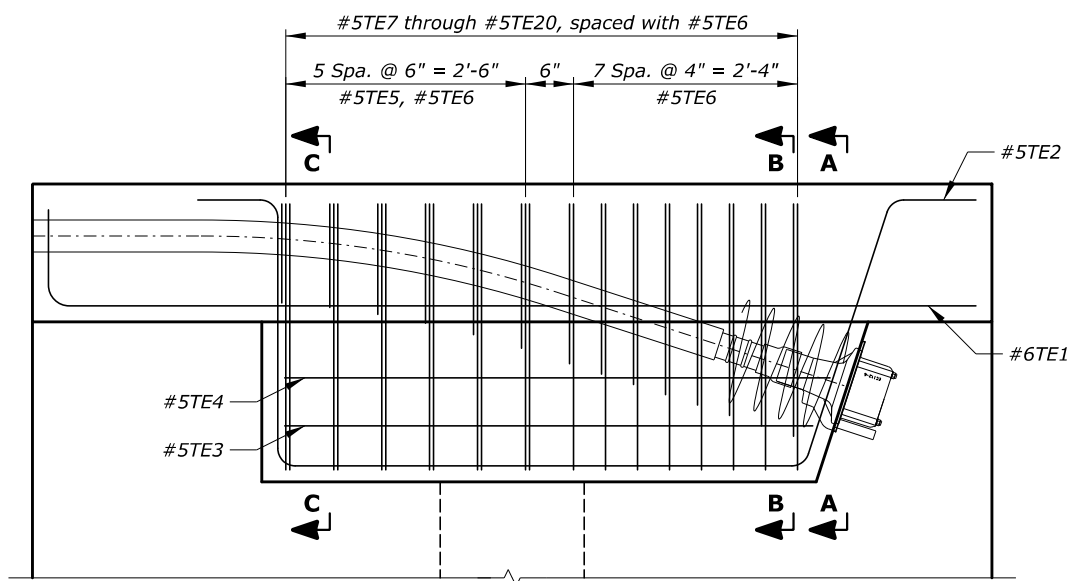
**ELEVATION**



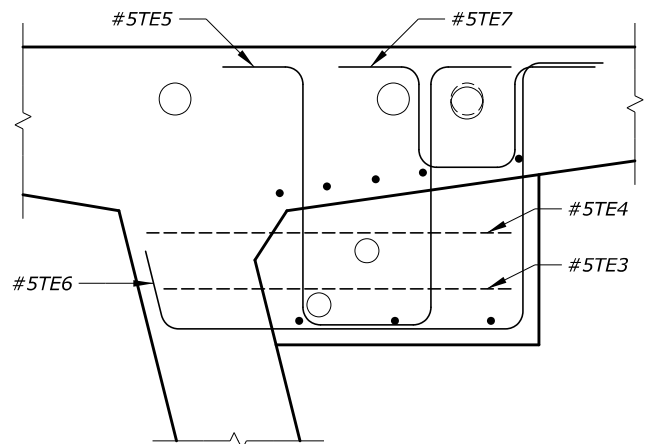
**SECTION A-A**



**SECTION B-B**  
Typical segment reinforcement not shown.



**TOP SLAB BLISTER REINFORCEMENT**



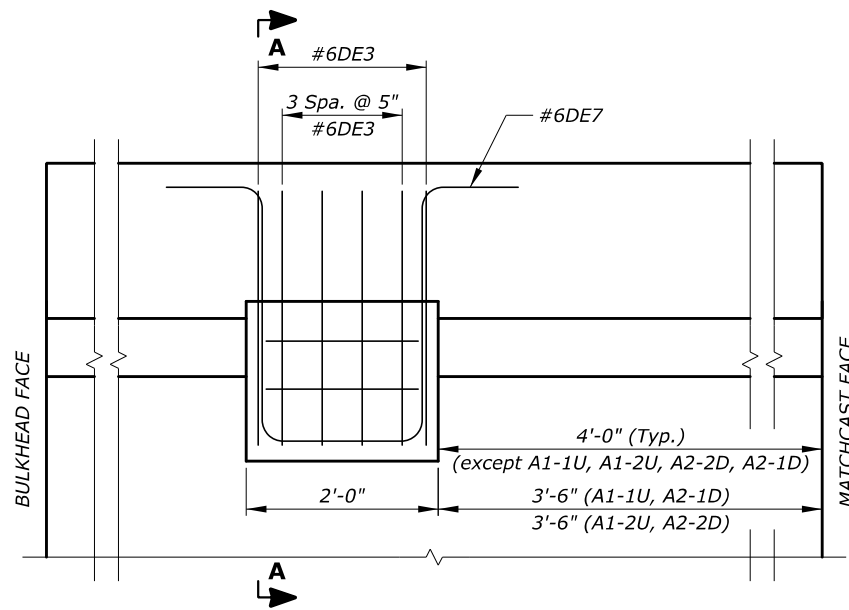
**SECTION C-C**  
For details not shown, see Section B-B.

- Notes:
1. Typical segment reinforcing not shown for clarity.
  2. Minimum concrete cover is 1 1/2", unless otherwise noted.
  3. Adjust slightly the location of reinforcement to avoid conflict with post-tensioning ducts.

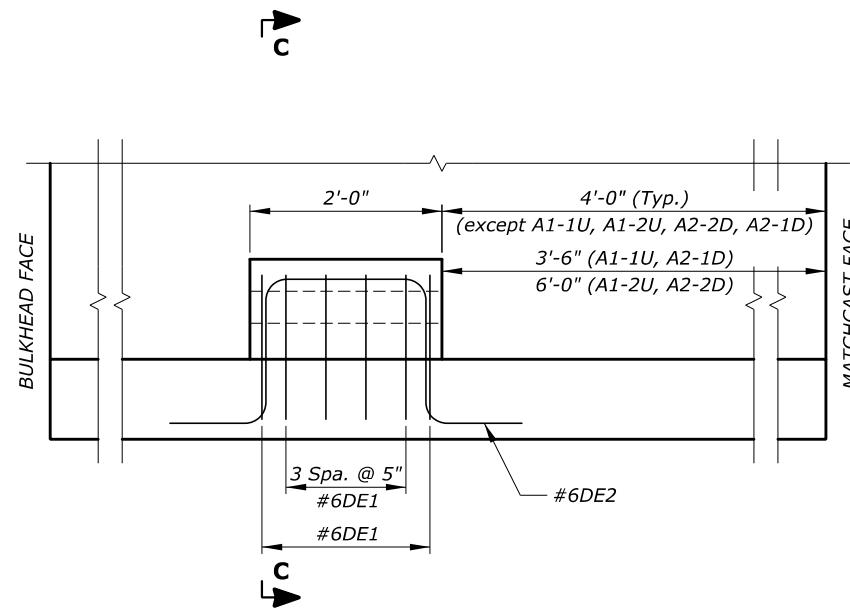
U.S. DEPARTMENT OF TRANSPORTATION  
 FEDERAL HIGHWAY ADMINISTRATION  
 EASTERN FEDERAL LANDS HIGHWAY DIVISION  
 BLUE RIDGE PARKWAY  
 BRIDGE OVER I-26  
 TOP SLAB BLISTER

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	HC	1" = 1'-0"	George Choubah	203 of 228	December 2018	BRP-1265

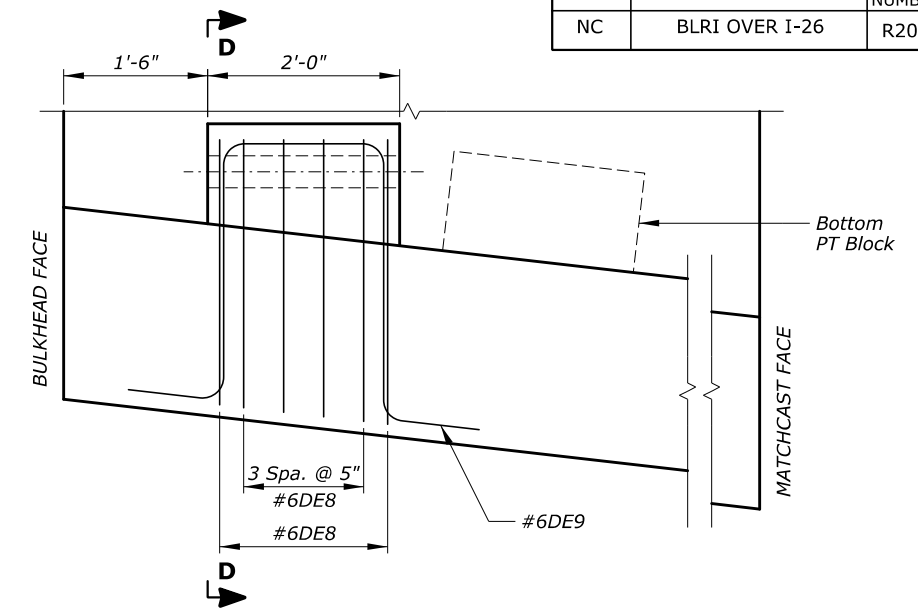
STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R204



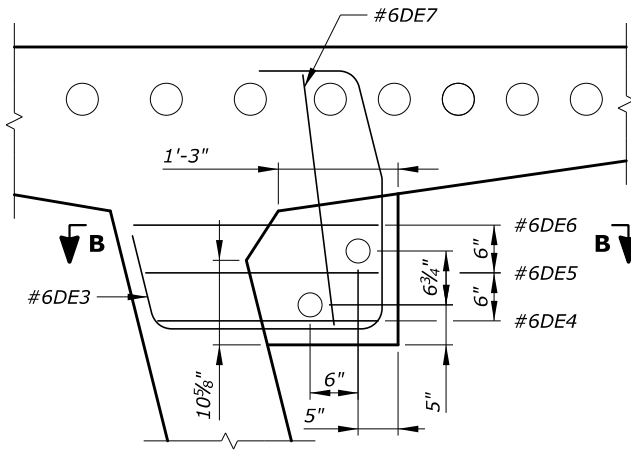
TOP PT BLOCK ELEVATION



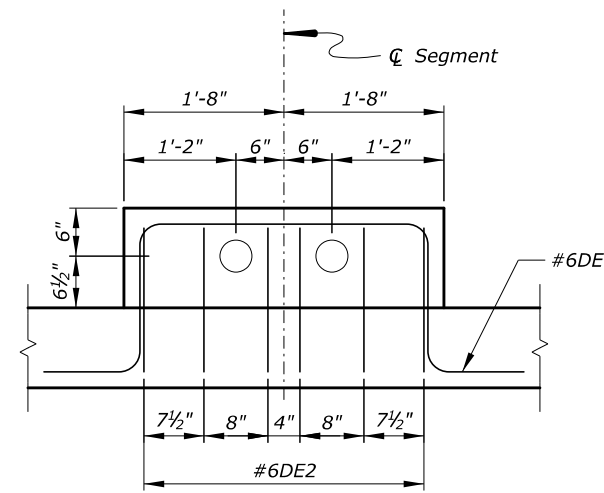
BOTTOM PT BLOCK ELEVATION



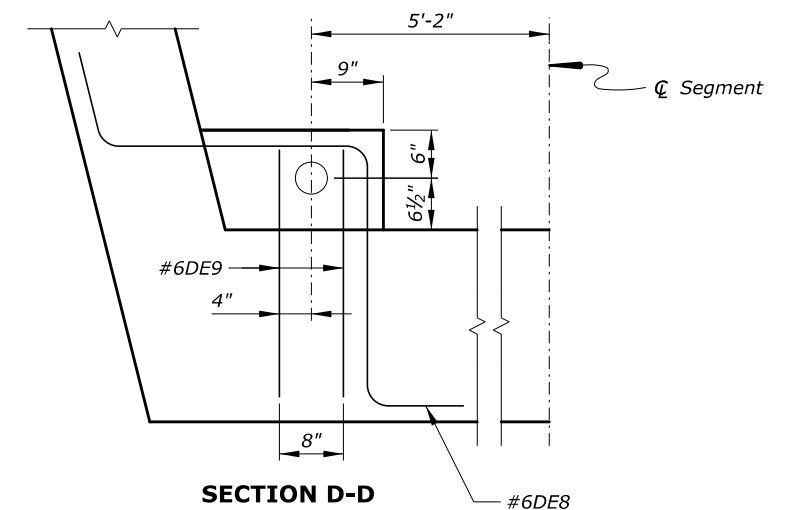
PIER PT BLOCK ELEVATION  
Segments 1-1U, 1-1D, 2-1U, 2-1D only



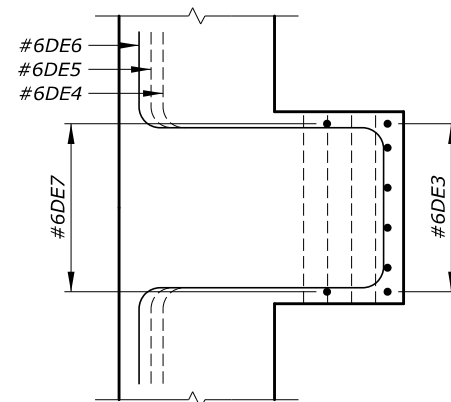
SECTION A-A



SECTION C-C



SECTION D-D



SECTION B-B

Notes:

1. For location of erection anchor blocks, see "CANTILEVER CONSTRUCTION SEQUENCE" sheet.
2. 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  
  
ERECTION ANCHOR BLOCK DETAILS

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	HC	1" = 1'-0"	George Choubah	204 of 228	December 2018	BRP-1265

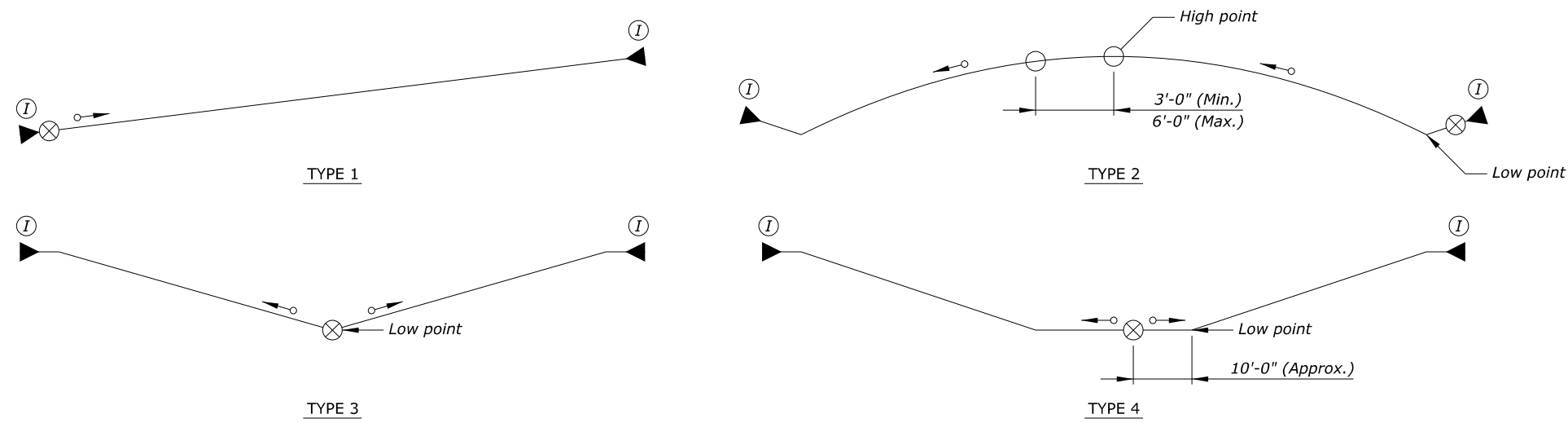


ACTUAL FILE:R205\_BLR1\_I26\_PT DETAILS.DGN

M:\PROJECTS\STATE\_DOT\NC\brl\_126\_nepa\Bridges\Microstation\Bridges Design Files\NO\_OP\PROJECTS.dgn

14-Dec-2018 12:23 PM

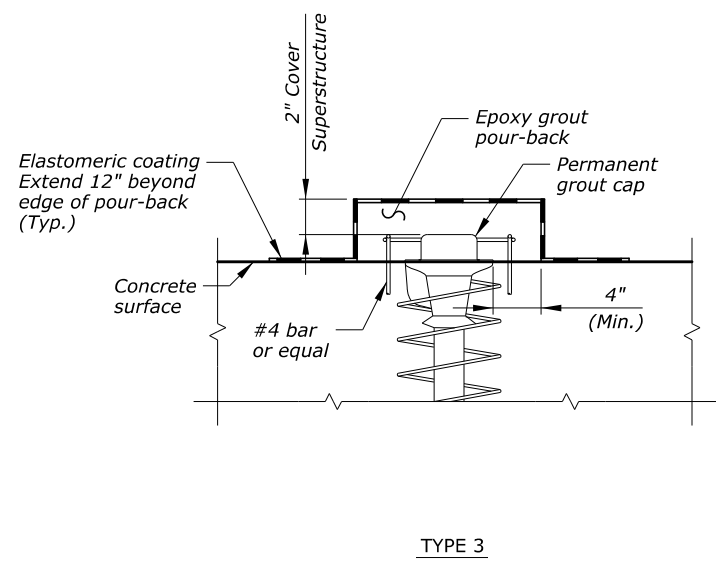
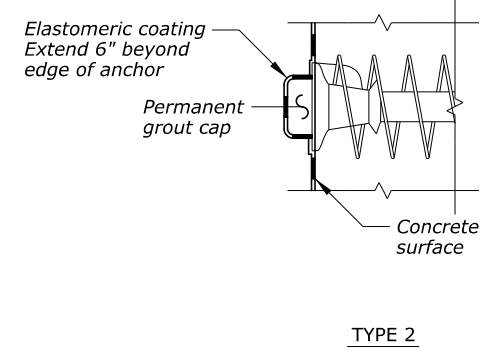
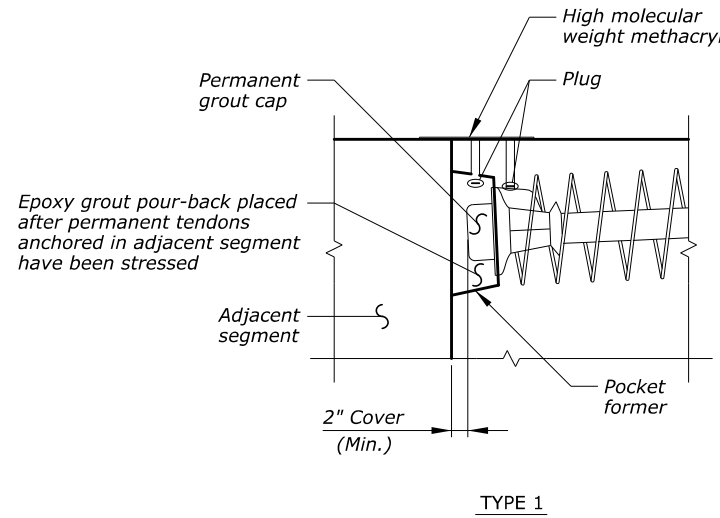
STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R205



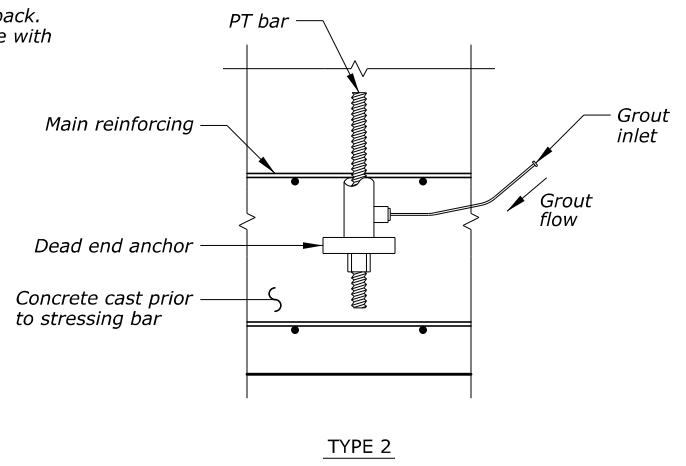
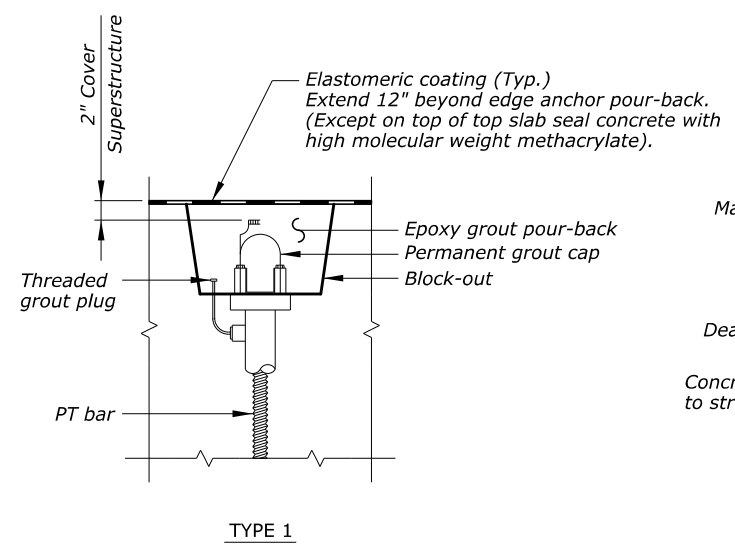
- LEGEND:**
- Strand tendon
  - ▶ End anchor with grout inlet
  - Direction of grout flow
  - Ⓜ Inspection location
  - ⊗ Grout inlet
  - Grout outlet

- Notes:**
- The details shown depict the final condition of the post-tensioning system. The details assume certain methods to obtain the required final condition. The contractor may elect to modify these methods with the approval of the engineer of record provided the post-tensioning system is protected from contamination during all intermediate steps and the final condition conforms with the requirements of the contract documents.
  - See post-tensioning special provisions for grouting procedures and post-tensioning systems.
  - See post-tensioning special provisions for surface preparation and other details of the epoxy grout pour-backs (post-tensioning).
  - See post-tensioning special provisions for surface preparation and other details of the elastomeric coating (elastomeric coating system).
  - See post-tensioning special provisions for surface preparation and other details of the magnesium ammonium phosphate concrete (magnesium ammonium phosphate concrete) (MAPC).
  - If deviations from these details are proposed, the contractor shall demonstrate through a mock-up or other methods that his proposed grouting plan adequately fulfills the requirement of fully grouted tendons.
  - Orient end anchors so that grout outlet is at the top.
  - Provide grout outlets at all anchors.
  - Provide grout inlet at low point of all tendon profiles.
  - The Contractor will attach pressure gauges to all grout inlets during the grouting operation. Note locations of all pressure gauges on the grouting operations plan.
  - Adjust the grout outlets shown to accommodate the true high point of the tendon in the completed structure.
  - All grout inlets/outlets are to be sealed using threaded plugs or mechanical shut-off valves, with the exception of inlets/outlets exiting to a vertical face of existing from the bottom of the bottom soffit.
  - Direct all grout inlets/outlets exiting on vertical surfaces toward the interior of box.
  - After grouting, inspect all anchors and high points for voids.
  - Vacuum grout voids and seal post-tensioning system in accordance with the specifications.
  - For tendons longer than 150 feet, additional grout outlets are required.

**VERTICAL PROFILES**



**ANCHOR PROTECTION FOR PT TENDONS**

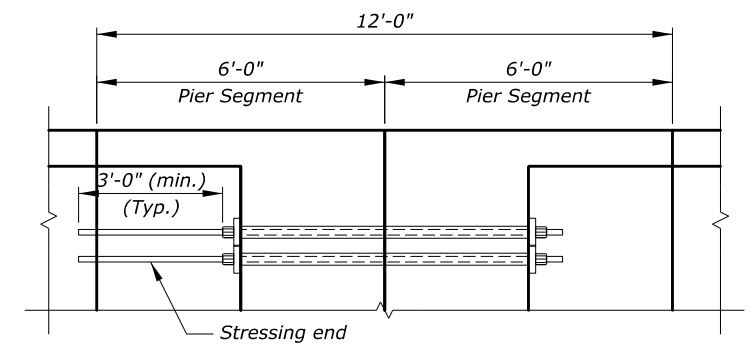


**ANCHOR PROTECTION FOR PT BARS**

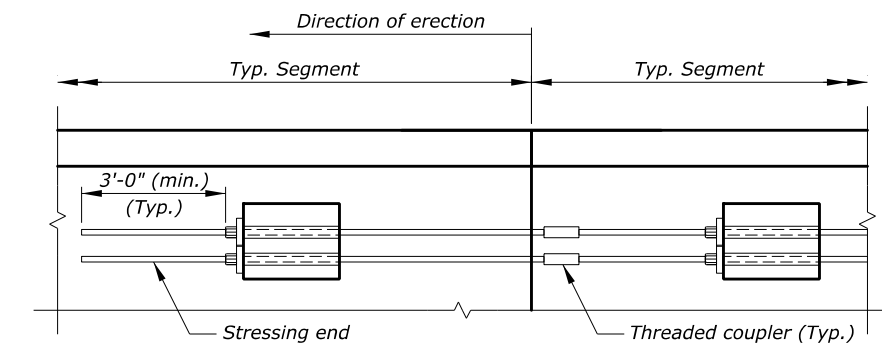
U.S. DEPARTMENT OF TRANSPORTATION  
 FEDERAL HIGHWAY ADMINISTRATION  
 EASTERN FEDERAL LANDS HIGHWAY DIVISION  
  
 BLUE RIDGE PARKWAY  
  
 BRIDGE OVER I-26  
  
 POST-TENSIONING DETAILS

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/JG	HC	Not to Scale	George Choubah	205 of 228	December 2018	BRP-1265

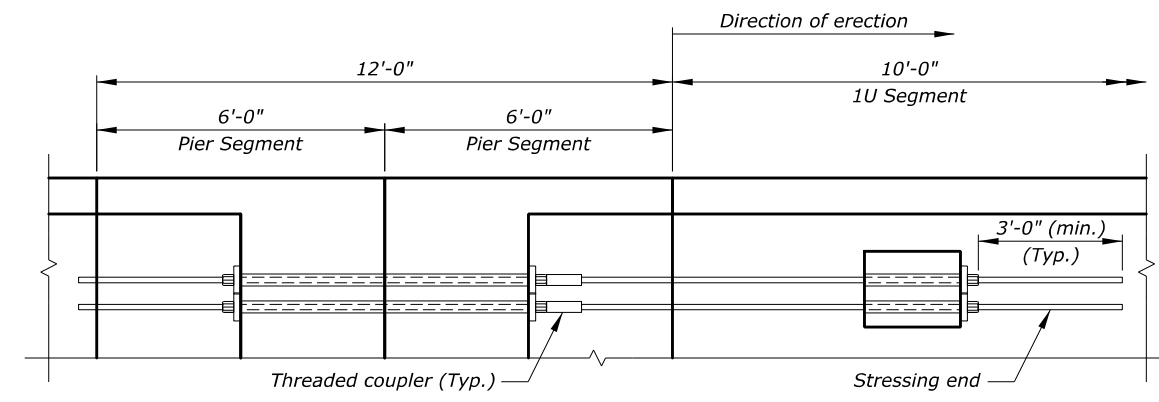
STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R206



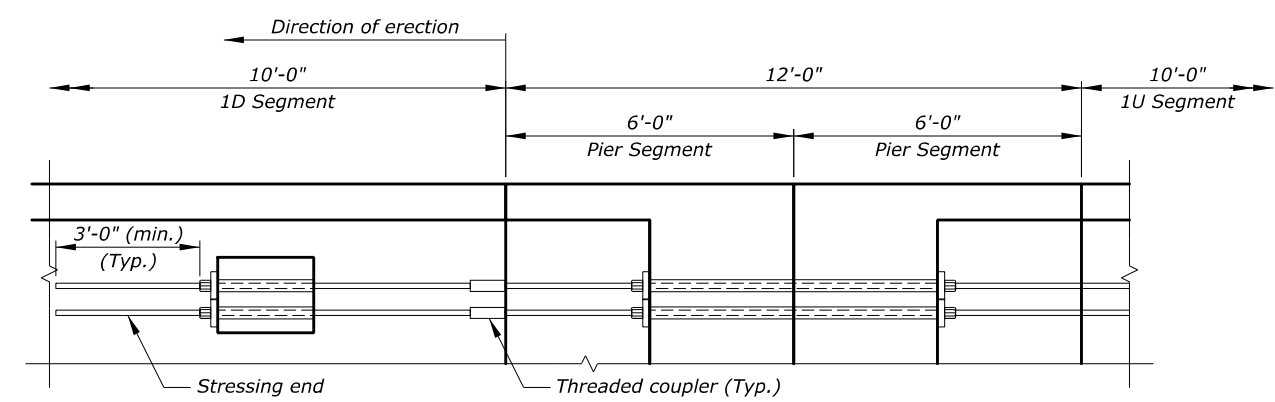
**TOP TEMPORARY PT BARS AT PIER**



**TOP TEMPORARY PT BARS BETWEEN TYPICAL SEGMENTS**



**TOP TEMPORARY PT BARS BETWEEN PIER & 1U SEGMENT**



**TOP TEMPORARY PT BARS BETWEEN PIER & 1D SEGMENT**

Notes:

1. For PT bars locations and stressing, see "CANTILEVER CONSTRUCTION SEQUENCE" sheet.
2. See "CONSTRUCTION SEQUENCE - 1" and "CONSTRUCTION SEQUENCE - 2" sheets for complete segment erection.
3. For details on top slab erection post-tensioning bar block, see "ERECTION ANCHOR BLOCK DETAILS" sheet.

U.S. DEPARTMENT OF TRANSPORTATION  
 FEDERAL HIGHWAY ADMINISTRATION  
 EASTERN FEDERAL LANDS HIGHWAY DIVISION  
  
 BLUE RIDGE PARKWAY  
  
 BRIDGE OVER I-26  
  
**TOP ERECTION PT BAR  
 ANCHOR BLOCK DETAILS**

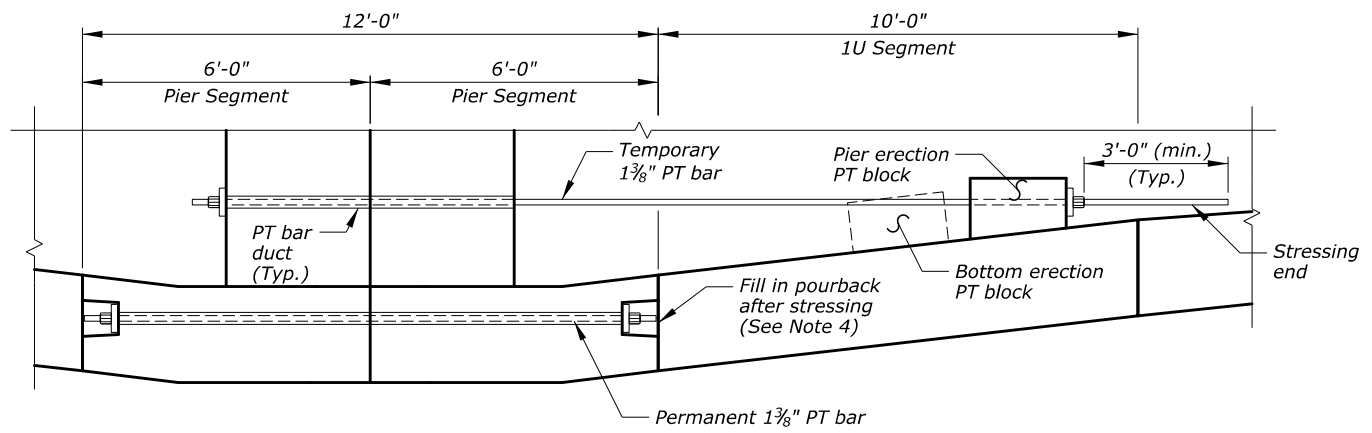
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC	CC	HC	1/2" = 1'-0"	George Choubah	206 of 228	December 2018	BRP-1265

ACTUAL FILE:R206\_BLR1\_I26\_TOP ERECTION PT BAR DETAILS.DGN

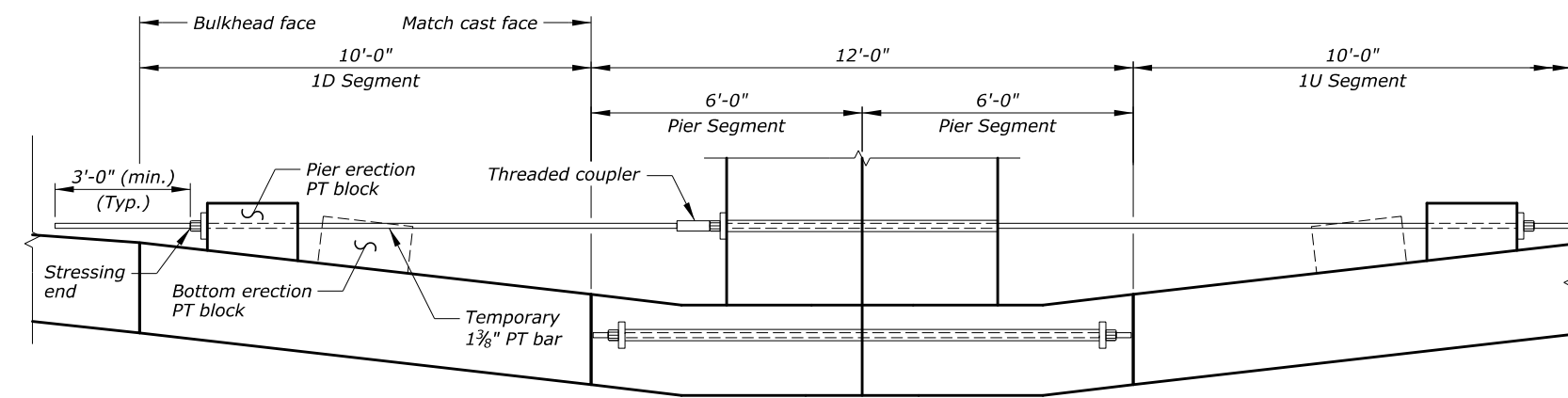
M:\PROJECTS\STATE\_DOT\NC\brl\_126\_nepa\Bridges\Microstation\Bridg Design Files\NO\_OP\PROJECTS.dgn

14-Dec-2018 12:23 PM

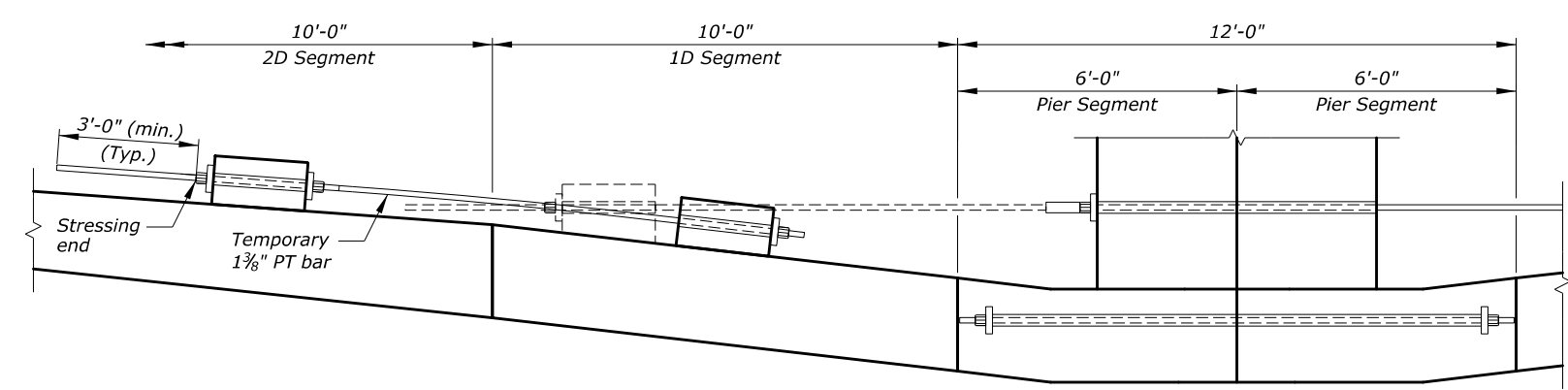
STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R207



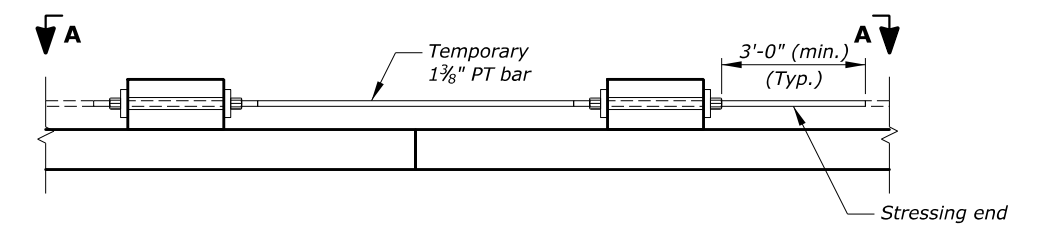
**BOTTOM TEMPORARY PT BARS BETWEEN PIER & 1U SEGMENT**



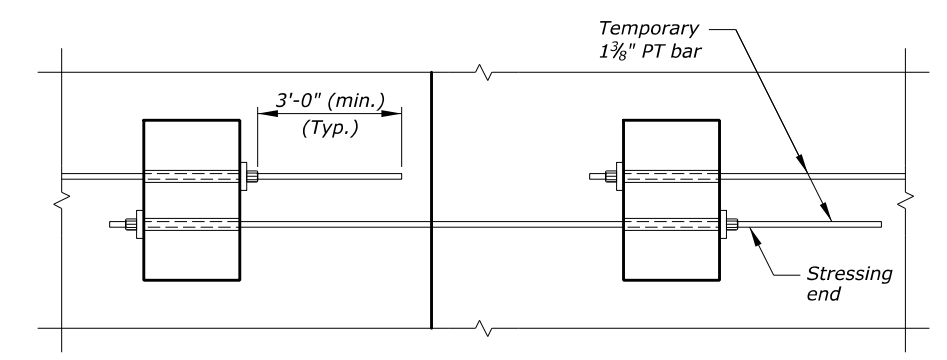
**BOTTOM TEMPORARY PT BARS BETWEEN 1U & 1D SEGMENTS**



**BOTTOM TEMPORARY PT BARS BETWEEN 1D & 2D SEGMENTS**



**BOTTOM TEMPORARY PT BARS BETWEEN TYPICAL SEGMENTS**



**SECTION A-A  
STAGGERED BOTTOM TEMPORARY PT BAR PATTERN**

Notes:

1. For PT bars locations and stressing, see "CANTILEVER CONSTRUCTION SEQUENCE" sheet.
2. See "CONSTRUCTION SEQUENCE - 1" and "CONSTRUCTION SEQUENCE - 2" sheets for complete segment erection.
3. For details on bottom slab erection post-tensioning bar block, see "ERECTION ANCHOR BLOCK DETAILS" sheet.
4. Apply an approved bonding agent on the concrete surface of the breakout immediately prior to filling the breakout.

U.S. DEPARTMENT OF TRANSPORTATION  
 FEDERAL HIGHWAY ADMINISTRATION  
 EASTERN FEDERAL LANDS HIGHWAY DIVISION  
 BLUE RIDGE PARKWAY  
 BRIDGE OVER I-26  
 BOTTOM ERECTION PT BAR  
 ANCHOR BLOCK DETAILS

ACTUAL FILE: R207\_BLR1\_I26\_BOTTOM ERECTION PT BAR DETAILS.DGN  
 M:\PROJECTS\STATE\_DOT\NC\brl\_126\_nepa\Bridges\Microstation\Bridg Design Files\NO\_OP\PROJECTS.dgn  
 14-Dec-2018 12:23 PM

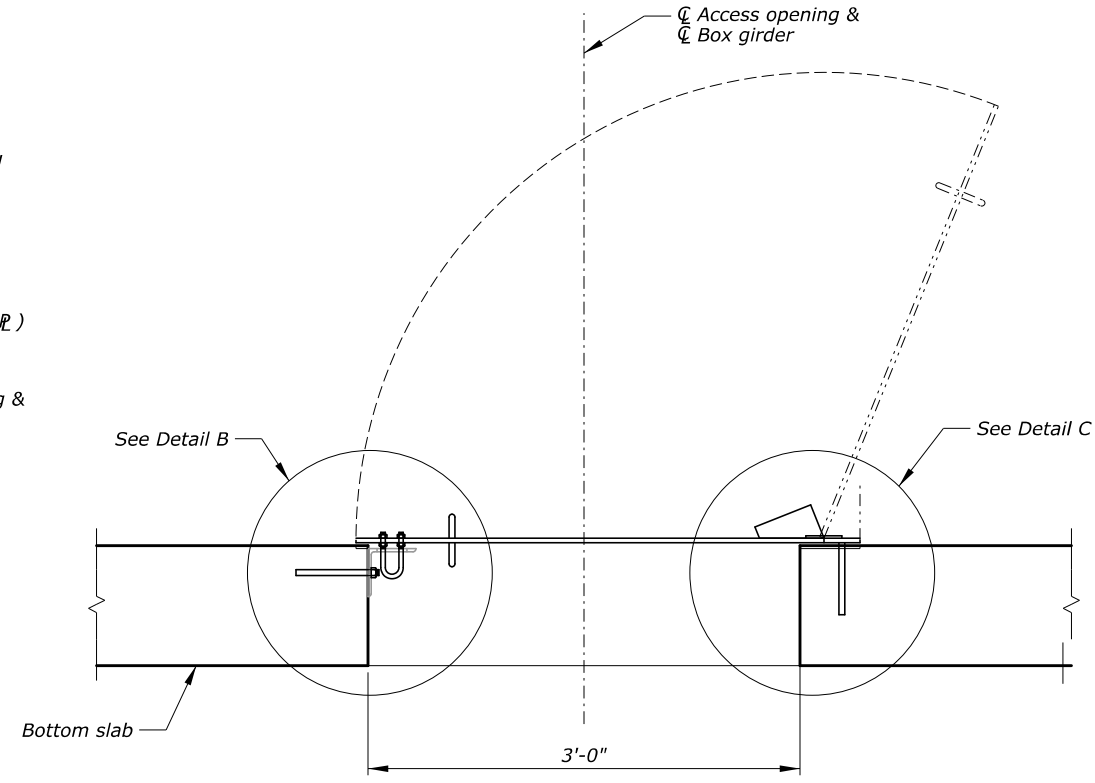
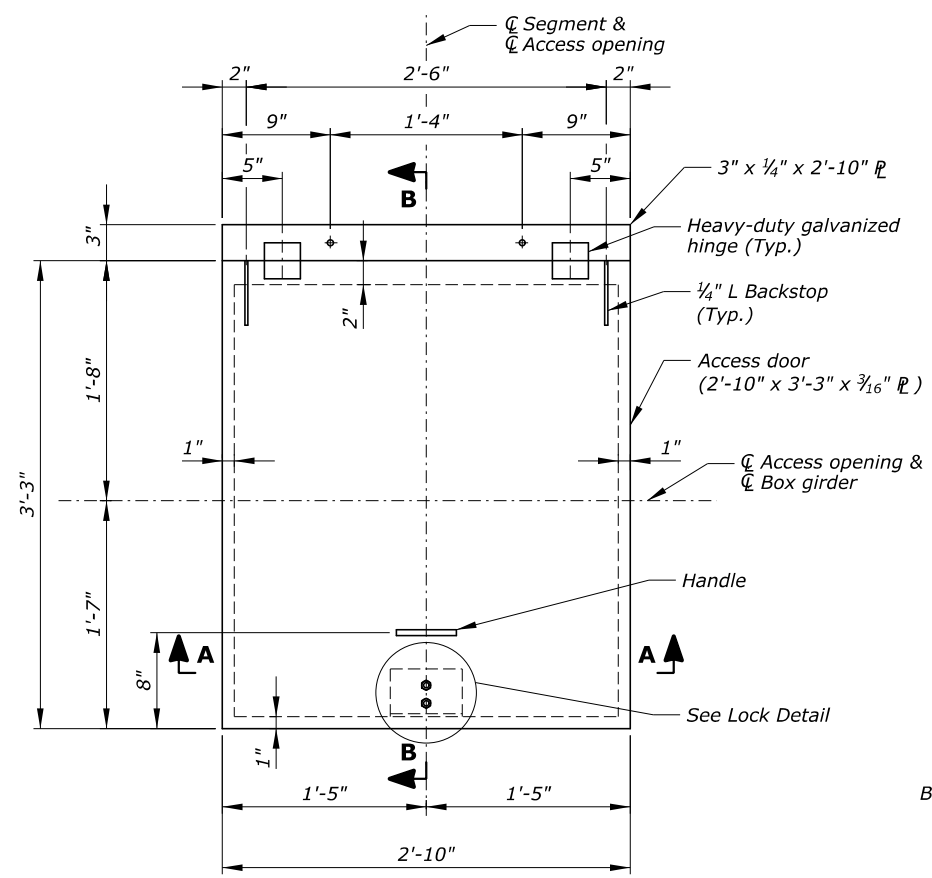
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC	CC	HC	1/2" = 1'-0"	George Choubah	207 of 228	December 2018	BRP-1265

ACTUAL FILE: R208\_BLR1\_I26\_BOTTOM SLAB ACCESS OPENING.DGN

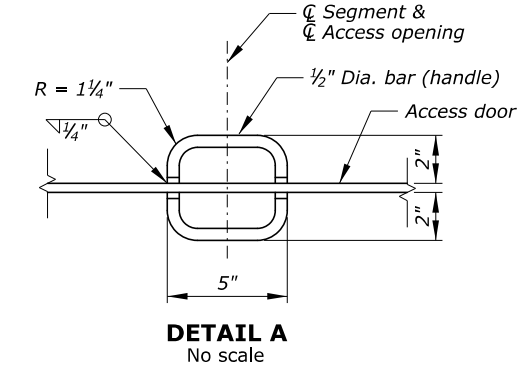
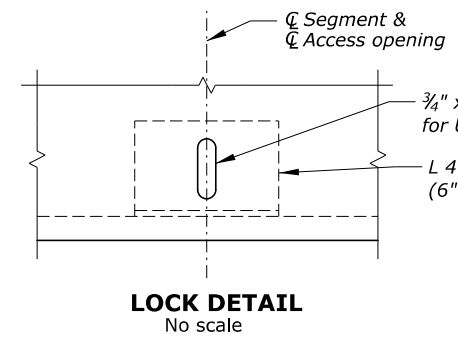
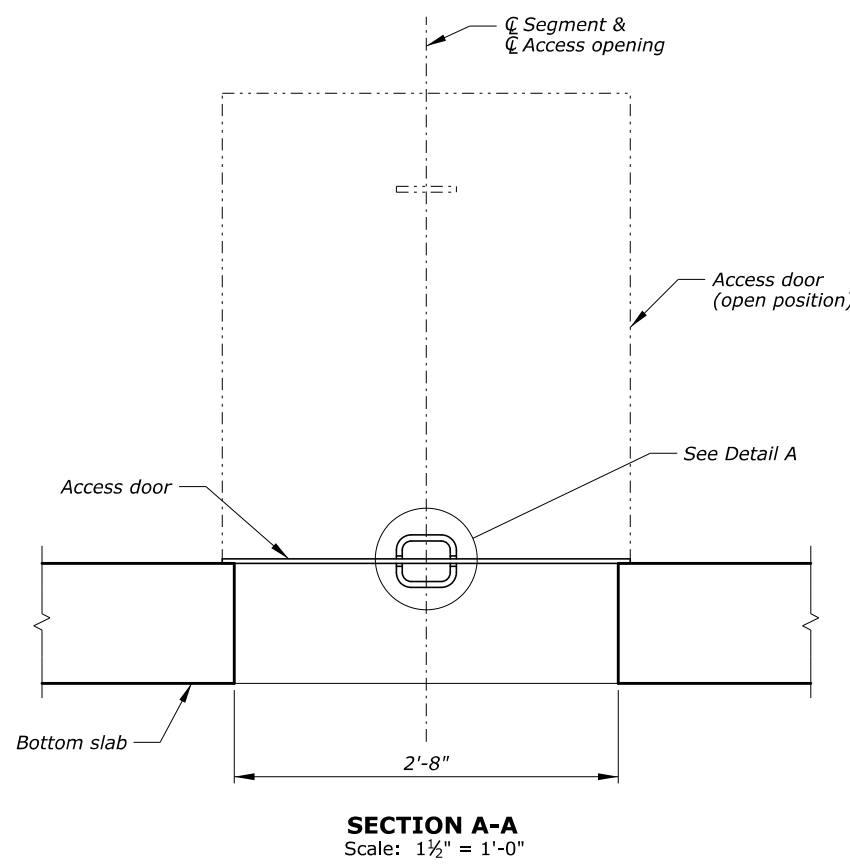
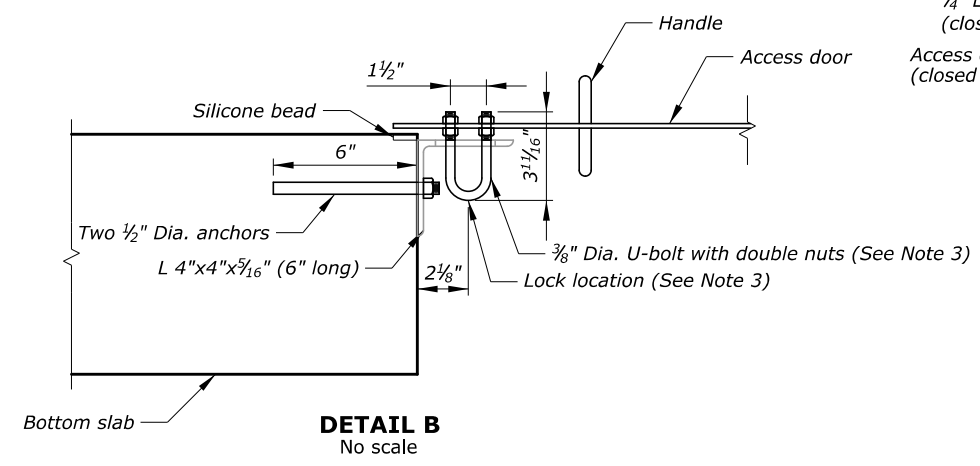
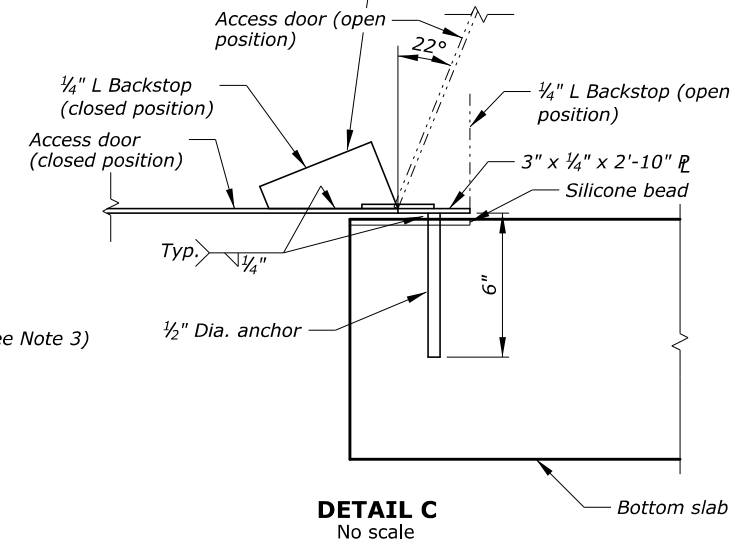
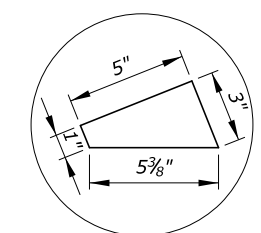
M:\PROJECTS\STATE\_DOT\NC\brl\_126\_nepa\Bridg\Microstation\Bridg Design Files\NO\_OP\PROJECTS.dgn

14-Dec-2018 12:23 PM

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R208



- Notes:
- For access opening locations, see "SEGMENT A1-1U REINFORCEMENT" and "SEGMENT A2-1D REINFORCEMENT" sheets.
  - U-bolt height and embedment depth into access hatch plate to be field adjusted to allow proper placement of lock. Lock to be provided by others.
  - All structural steel material in access door assemblies shall conform to ASTM A36.
  - All bolts shall conform to ASTM A307. Nuts shall conform to ASTM A563. Washers shall conform to ASTM F436. Galvanize bolts, nuts, and washers in accordance with ASTM A153. Welding of parts to be done prior to galvanizing.
  - All exposed edges of plates and opening shall be ground smooth.



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

BLUE RIDGE PARKWAY

BRIDGE OVER I-26

**BOTTOM SLAB ACCESS OPENING DETAILS**

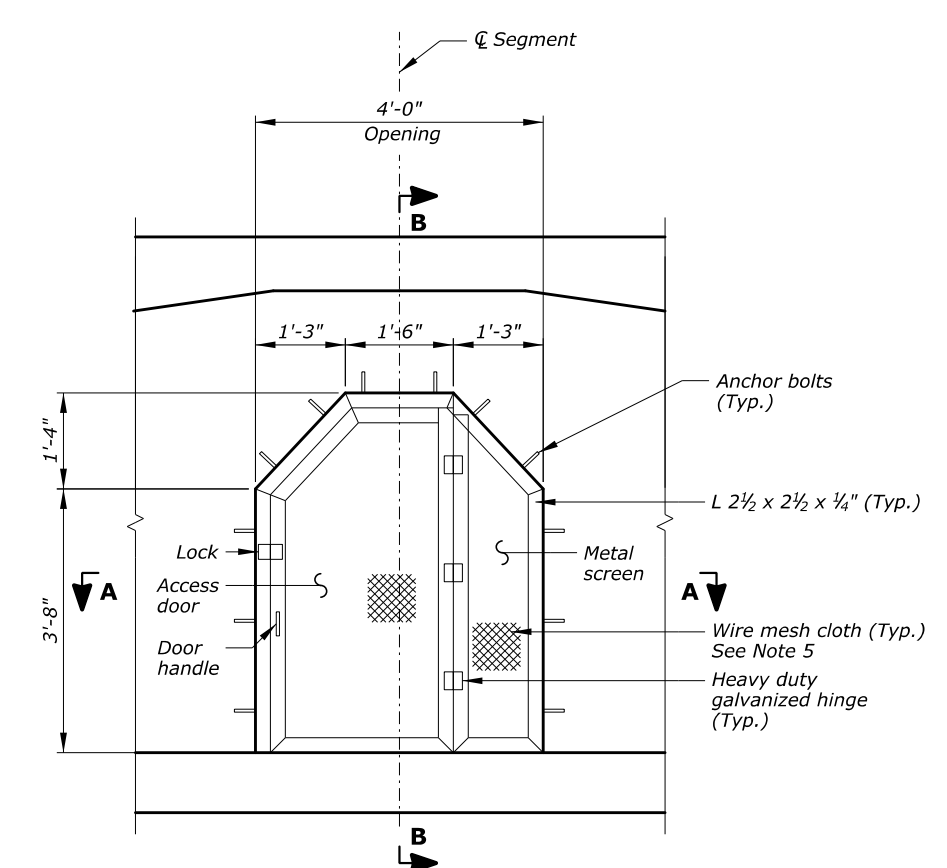
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CC	BK	HC	As Shown	George Choubah	208 of 228	December 2018	BRP-1265

ACTUAL FILE: R209\_BLR1\_I26\_ABUTMENT ACCESS OPENING.DGN

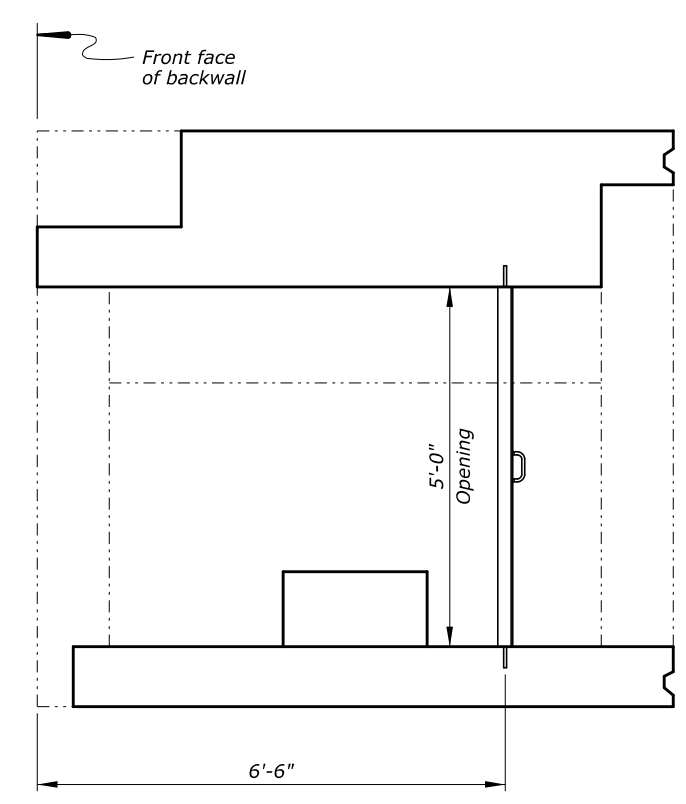
M:\PROJECTS\STATE\_DOT\NC\brl\_126\_nepa\Bridges\Microstation\Bridges Design Files\NO\_OP\PROJECTS.dgn

14-Dec-2018 12:23 PM

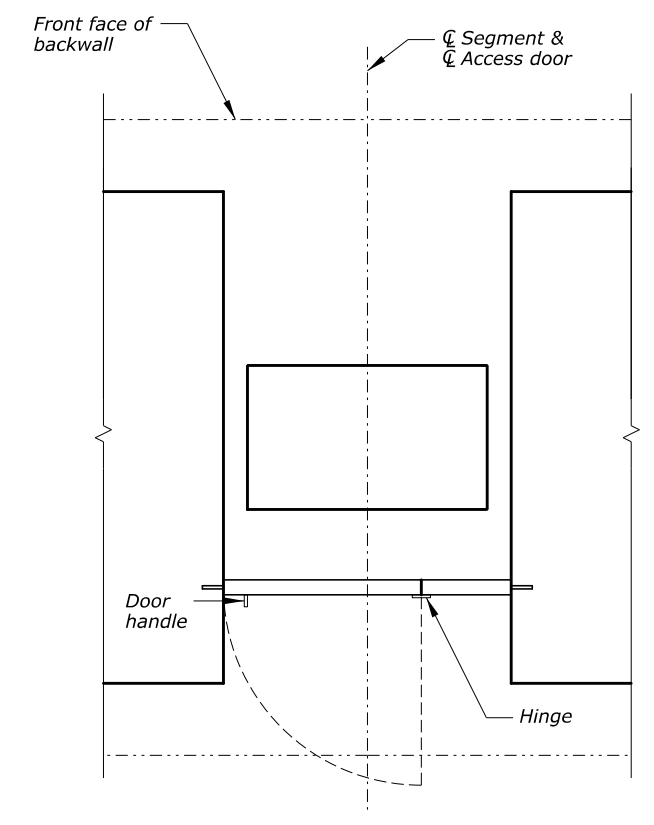
STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R209



**ELEVATION OF ACCESS DOOR AT ABUTMENT DIAPHRAGM OPENING**



**SECTION B-B**



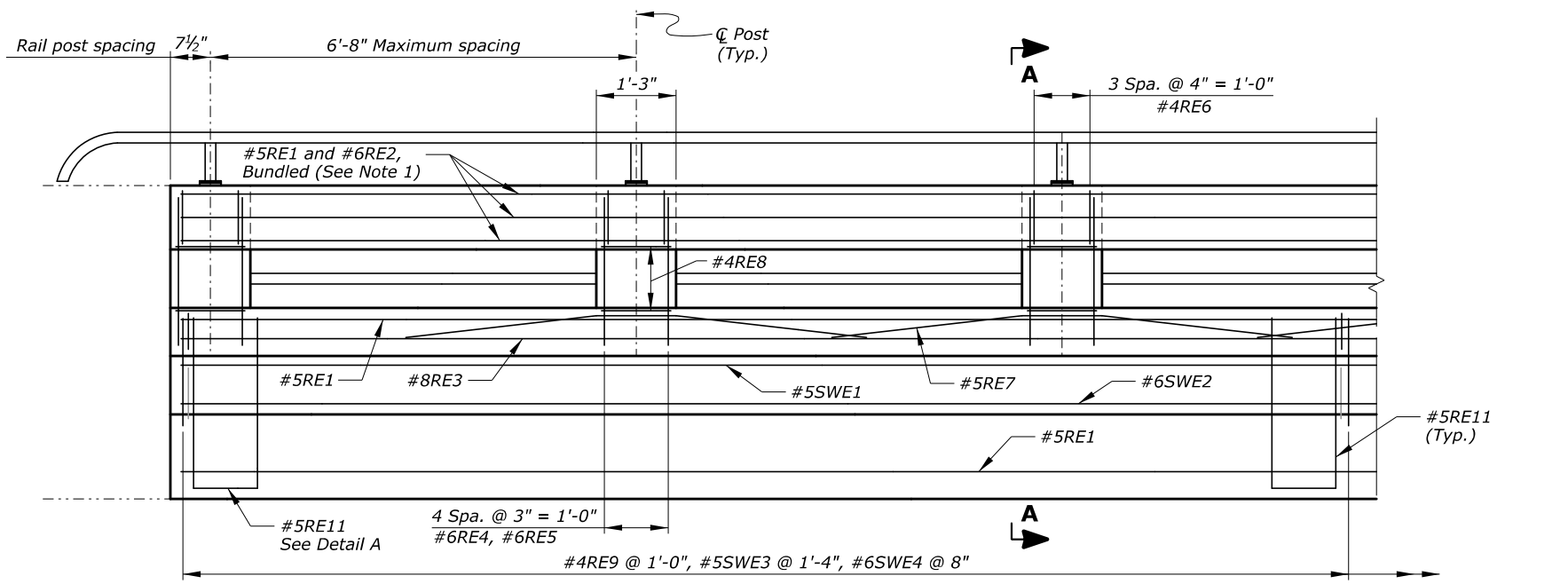
**SECTION A-A**

- Notes:
- For dimensions not shown, see "ABUTMENT SEGMENT DIMENSIONS" sheet.
  - All steel components shall conform to ASTM A709, Grade 36, and shall be hot dip galvanized in accordance with ASTM A153.
  - Field measure and verify opening dimensions prior to fabrication.
  - All hardware shall be galvanized in accordance with ASTM A123.
  - Metal screening shall be in accordance with the following specs:  
 Width of opening = 0.4370 inches  
 Diameter of wire = 0.063 - 16 gauge  
 Open area = 76.4 percent
  - All bolts shall be ASTM A307.
  - All anchor bolts shall be 1/4" stainless steel with 2 1/4" embedment. All bolts shall be post-drilled.
  - All intersections of screen shall be connected with full penetration welds. Grind smooth.
  - Tack weld wire mesh to screen frame. Mesh shall overlap with screen frame by 1" minimum all around.
  - Provide 1/8" thick neoprene bearing pad, having a minimum hardness of 60 Durometer. Pad shall conform to the angle with the angle leg dimensions in contact with concrete.

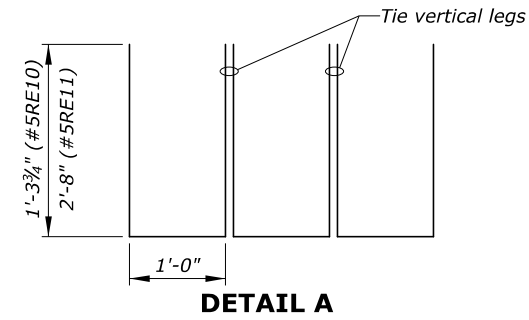
U.S. DEPARTMENT OF TRANSPORTATION  
 FEDERAL HIGHWAY ADMINISTRATION  
 EASTERN FEDERAL LANDS HIGHWAY DIVISION  
 BLUE RIDGE PARKWAY  
 BRIDGE OVER I-26  
 ABUTMENT ACCESS OPENING DETAILS

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	3/4" = 1'-0"	George Choubah	209 of 228	December 2018	BRP-1265

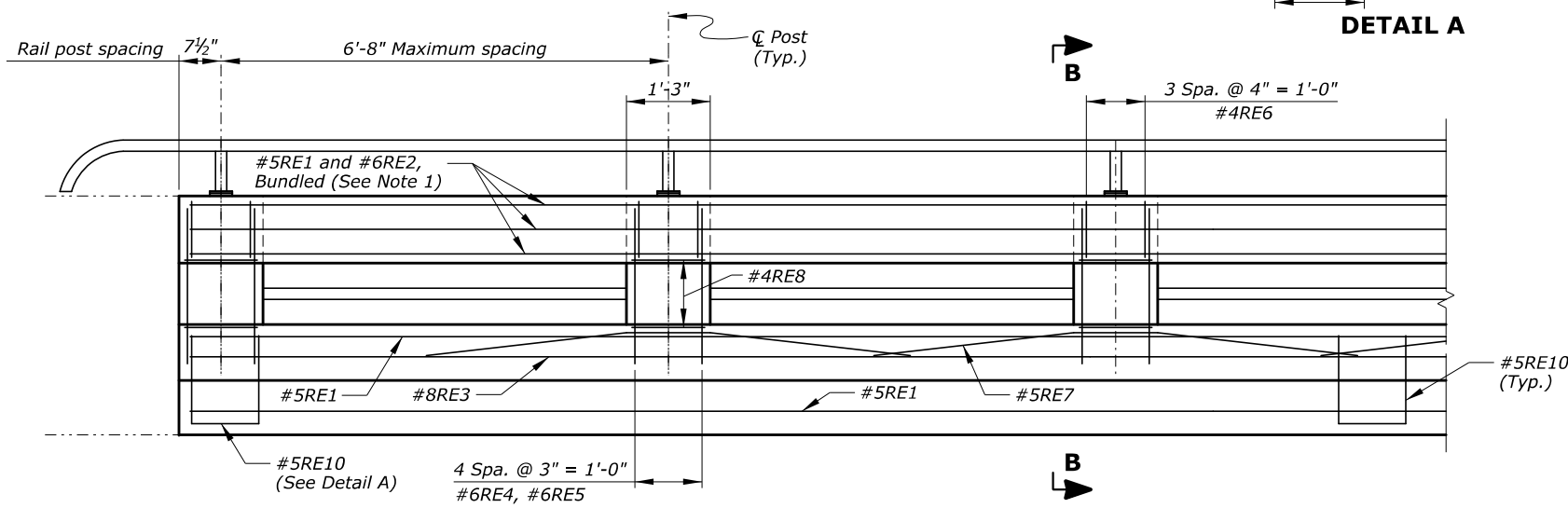
STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R210



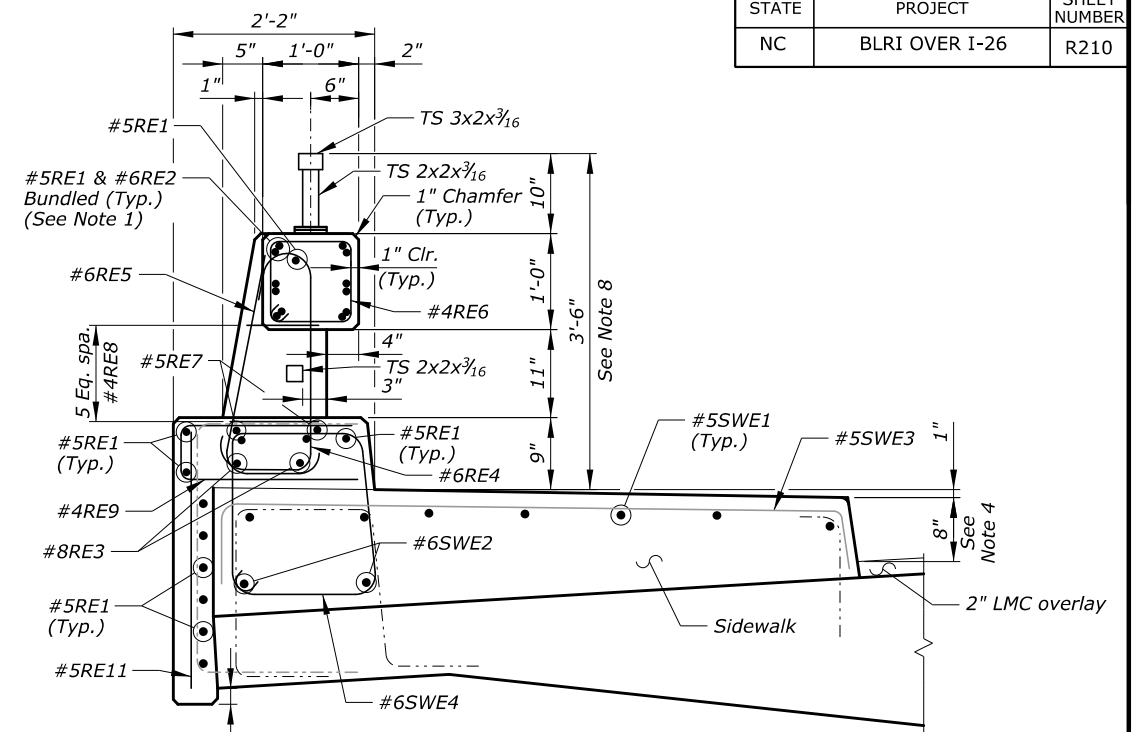
**ELEVATION - WITH SIDEWALK**  
Scale: 3/4" = 1'-0"



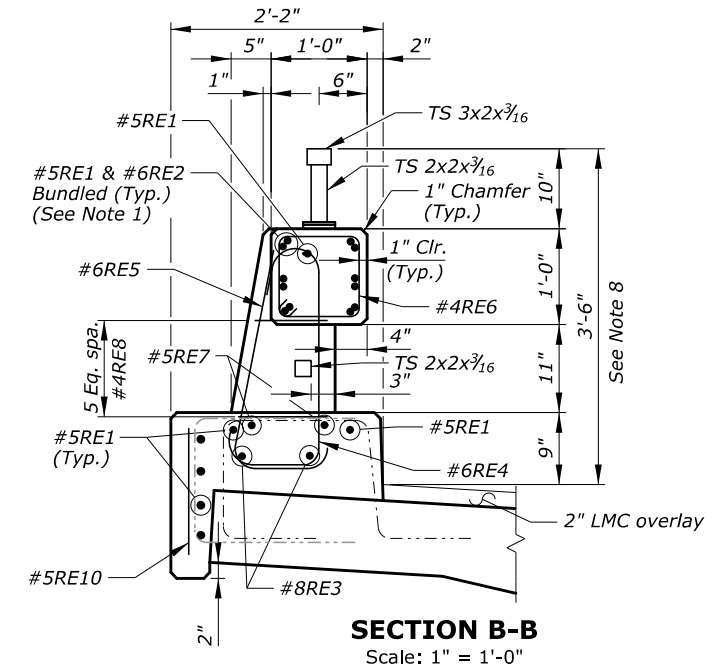
**DETAIL A**



**ELEVATION - WITHOUT SIDEWALK**  
Scale: 3/4" = 1'-0"



**SECTION A-A**  
Scale: 1" = 1'-0"



**SECTION B-B**  
Scale: 1" = 1'-0"

**NOTES:**

- No lap splicing allowed on the longitudinal rail reinforcement. Stagger splices.
- Chain link railing is not allowed on Type 80SW Barrier.
- Terminate all longitudinal curb, sidewalk, and deck reinforcement with 90° hooks.
- Dimension is to top of 2-inch overlay.
- Expansion joint to match deck joint, see "EXPANSION JOINT DETAILS - 1" and "EXPANSION JOINT DETAILS - 2" sheets and "BRIDGE RAILING - 4" sheet for additional information.
- Bridge rail shown is California DOT standard concrete barrier type 80SW (for the sidewalk side) and is the California DOT standard concrete barrier type 80 (for the side with no sidewalk).
- For bars embedded into the precast segments, see segment reinforcement sheets for additional information.
- The front face dimensions are to be constant above the finished roadway profile, but the overall height will vary with certain thicknesses of surfacing and roadway slopes.

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

**BLUE RIDGE PARKWAY**

**BRIDGE OVER I-26**

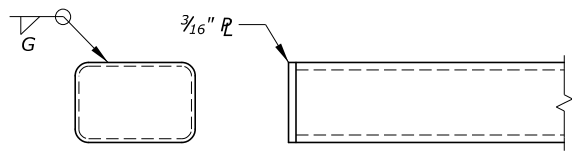
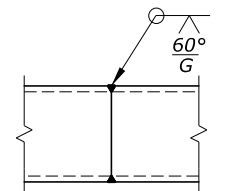
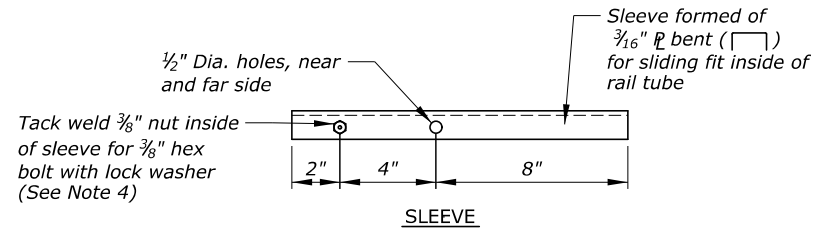
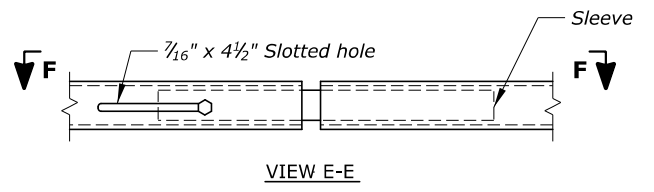
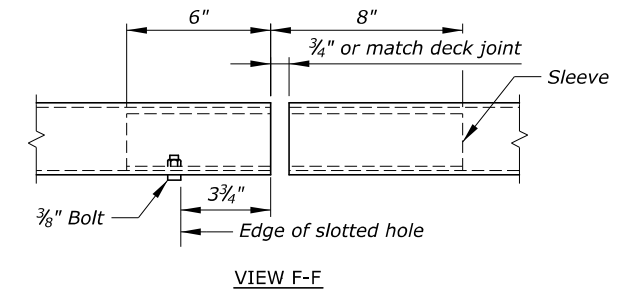
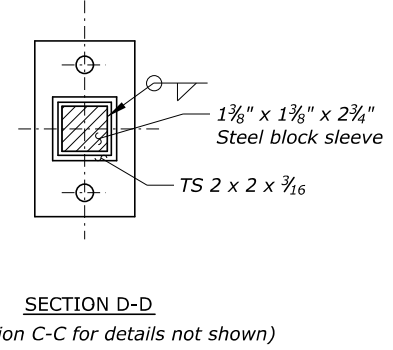
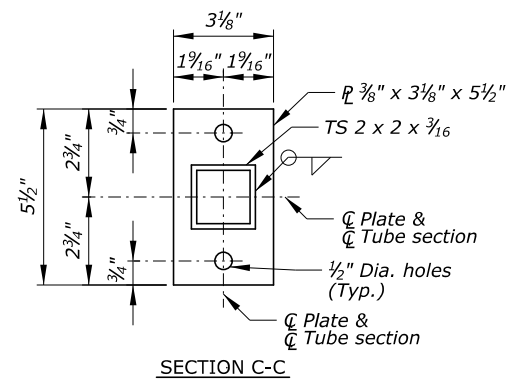
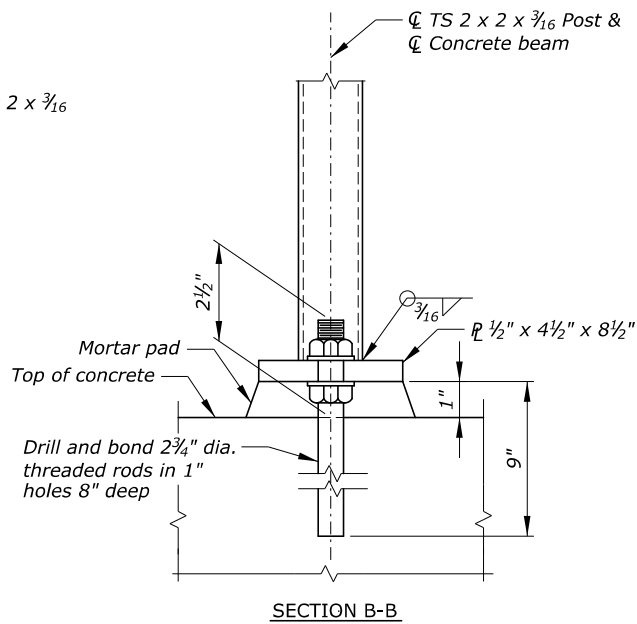
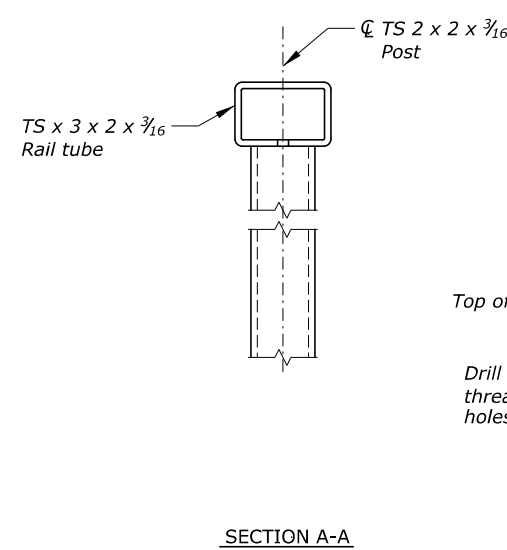
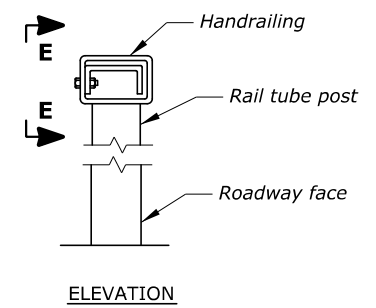
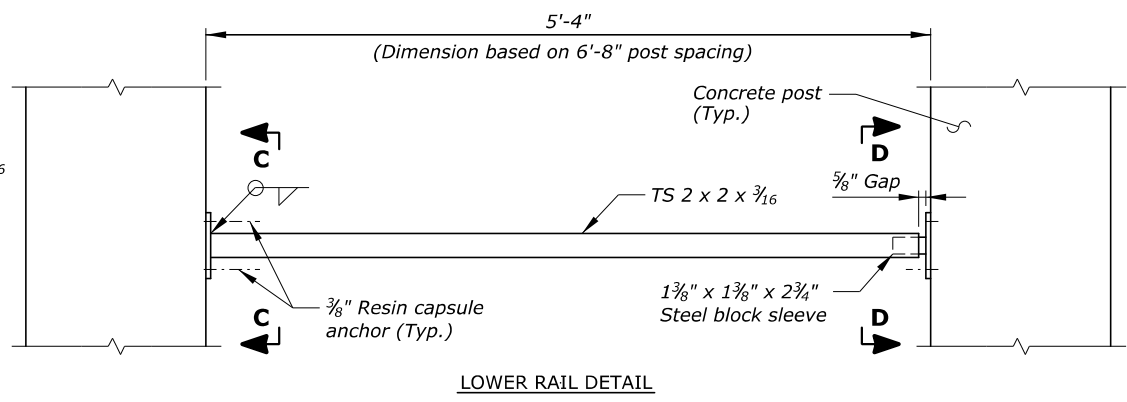
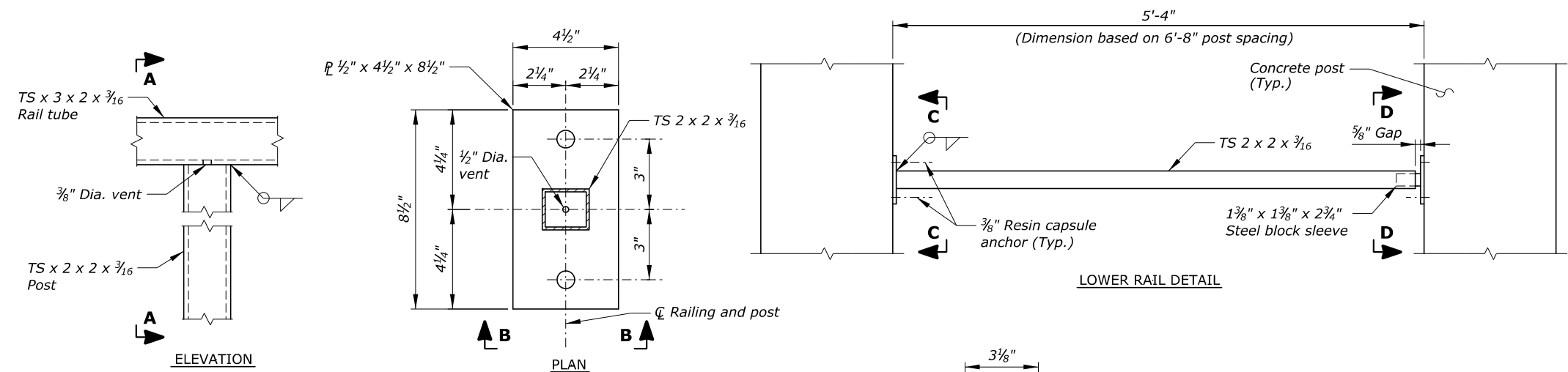
**BRIDGE RAILING - 1**

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	210 of 228	December 2018	BRP-1265

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R211

ACTUAL FILE:R211\_BLR1\_I26\_RAIL-2.DGN

M:\PROJECTS\STATE\_DOT\NC\brl\_126\_nepa\Bridges\Microstation\Bridges Design Files\NO\_PROJECTS.dgn 14-Dec-2018 12:23 PM



**TUBULAR RAILING CONNECTION DETAILS**  
No scale

**SLEEVE TUBE SPLICE DETAIL**  
Scale: 3" = 1'-0"

- Notes:
1. Posts will be normal to railing.
  2. Tube splices will be located in the tubes spanning deck or wall joints. Increase joint width in tubes to match expansion joint width and increase sleeve length accordingly.
  3. Top rail tube will be continuous over not less than two posts except a short length is permitted near deck or wall joints or other rail discontinuities.
  4. 3/8" Nut tack welded to sleeve may be replaced by drilled and tapped hole in sleeve.
  5. Furnish structural steel for rails and posts conforming to ASTM A500.
  6. Furnish galvanization for steel rails and posts in accordance with NCDOT Standard Specifications (Section 1076).
  7. Furnish shop applied Natina color treatment for steel rails and posts, to provide a mottled and rustic, brown finish.

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

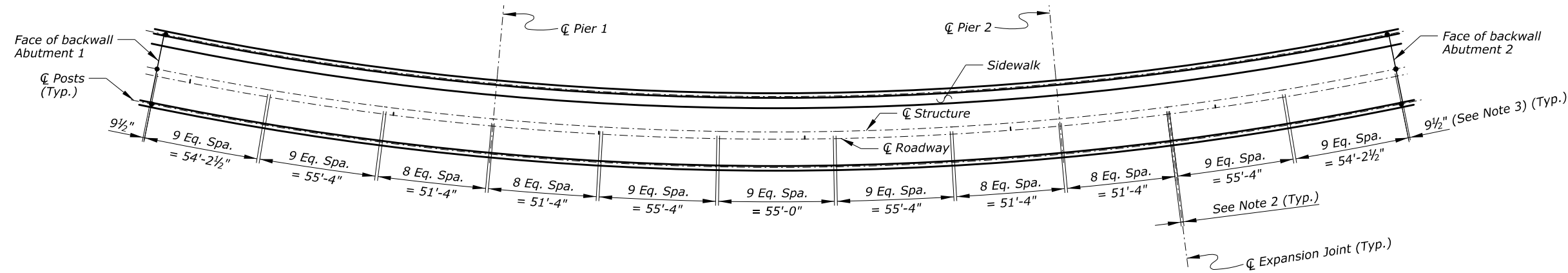
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CWN	CWN	HC	As Shown	George Choubah	211 of 228	December 2018	BRP-1265

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R212

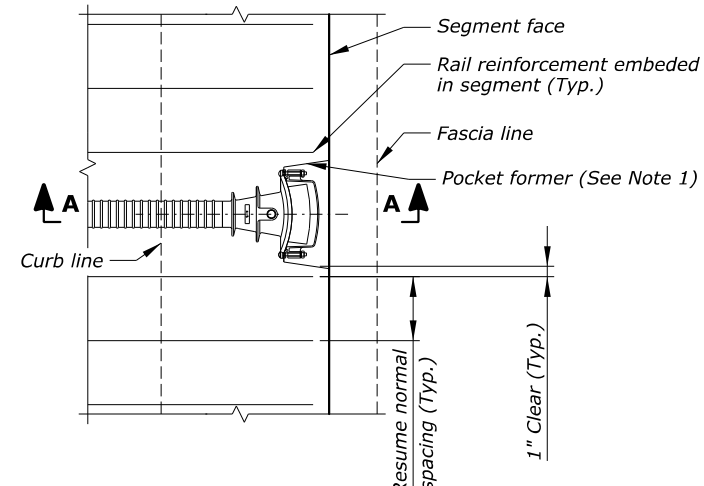
ACTUAL FILE: R212\_BLR1\_I26\_RAIL-3.DGN

M:\PROJECTS\STATE\_DOT\NC\brl\_126\_nepa\bridge\microstation\bridge design files\NO\_OP\PROJECTS.dgn

14-Dec-2018 12:23 PM



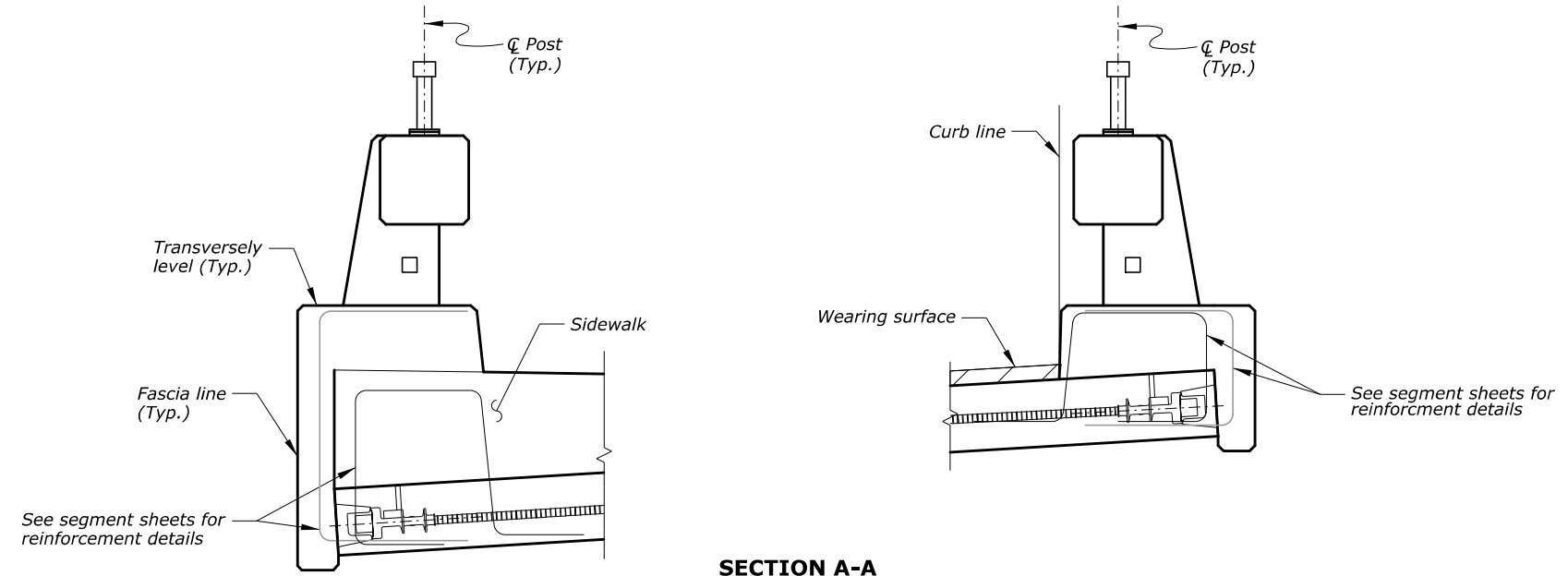
**PLAN - RAIL POST SPACING**  
 (Measured along  $\phi$  posts, along  $\phi$  structure)  
 Scale: 1" = 30'-0"



**REINFORCEMENT PLAN AT TRANSVERSE PT**  
 Not to scale

**NOTES:**

1. Assumed plan dimension of pocket former at segment face is 6 1/4".
2. See "BRIDGE RAILING - 4" sheet for rail details at expansion joints and piers.
3. 9 1/2" Spacing is from the  $\phi$  of post at each side of the bridge, to the begin/end of bridge.



**SECTION A-A**  
 Scale: 1" = 1'-0"

U.S. DEPARTMENT OF TRANSPORTATION  
 FEDERAL HIGHWAY ADMINISTRATION  
 EASTERN FEDERAL LANDS HIGHWAY DIVISION  
 BLUE RIDGE PARKWAY  
 BRIDGE OVER I-26  
 BRIDGE RAILING - 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.
								CWN	CWN	HC	As Shown	George Choubah	212 of 228	December 2018	BRP-1265

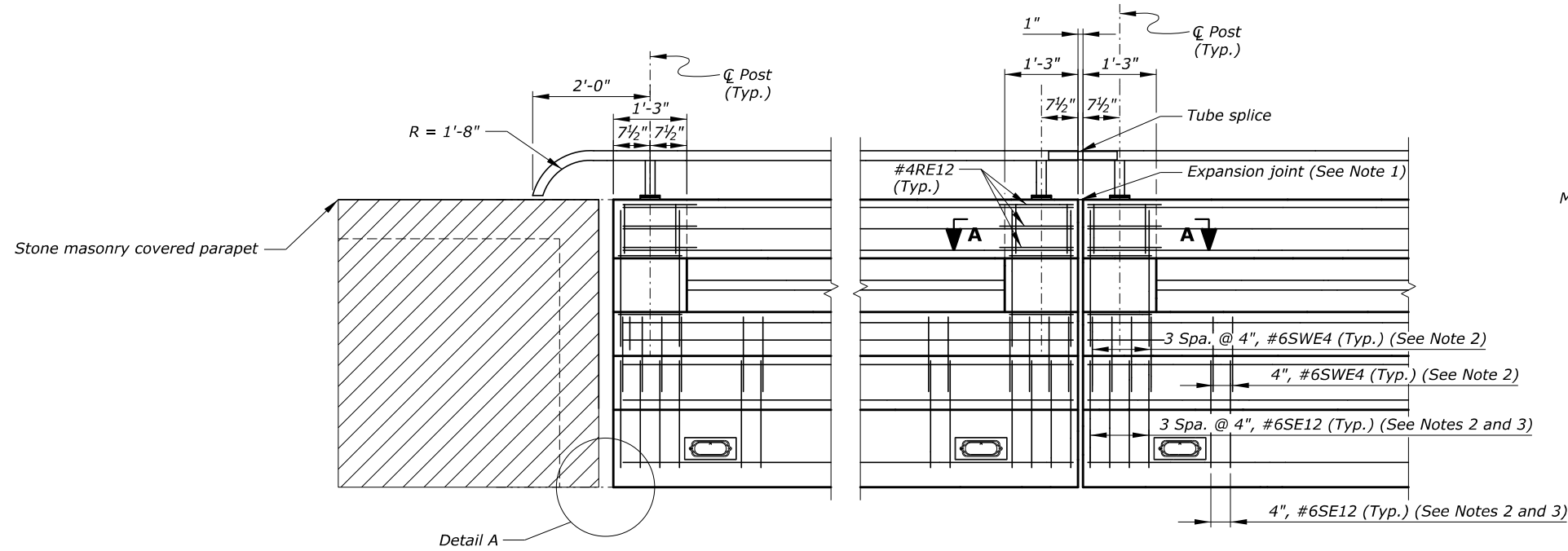


ACTUAL FILE: R213\_BLR1\_I26\_RAIL-4.DGN

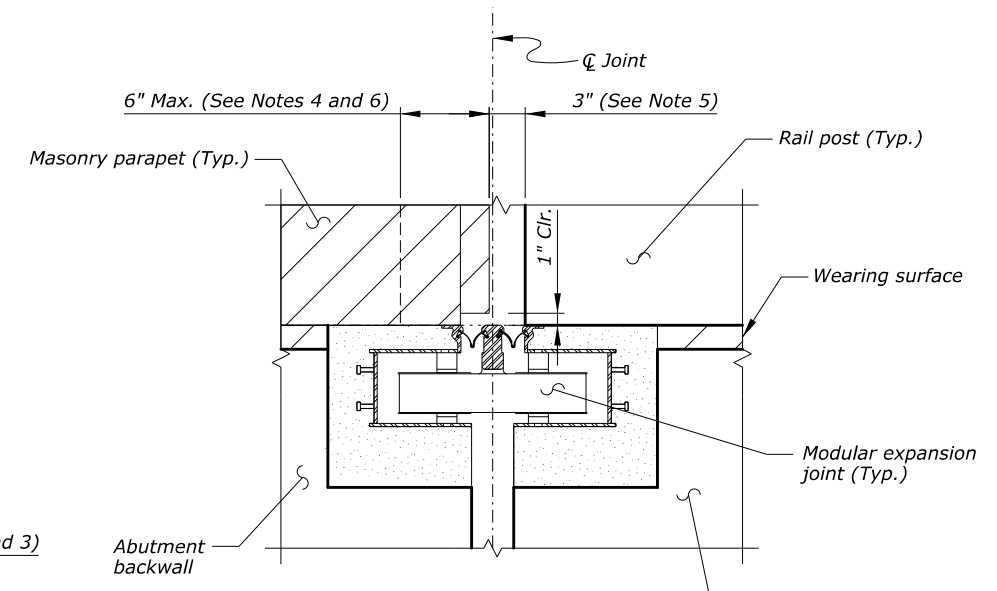
M:\PROJECTS\STATE\_DOT\NC\brl\_126\_nepa\Bridges\Microstation\Bridges Design Files\NO\_OP\PROJECTS.dgn

14-Dec-2018 12:23 PM

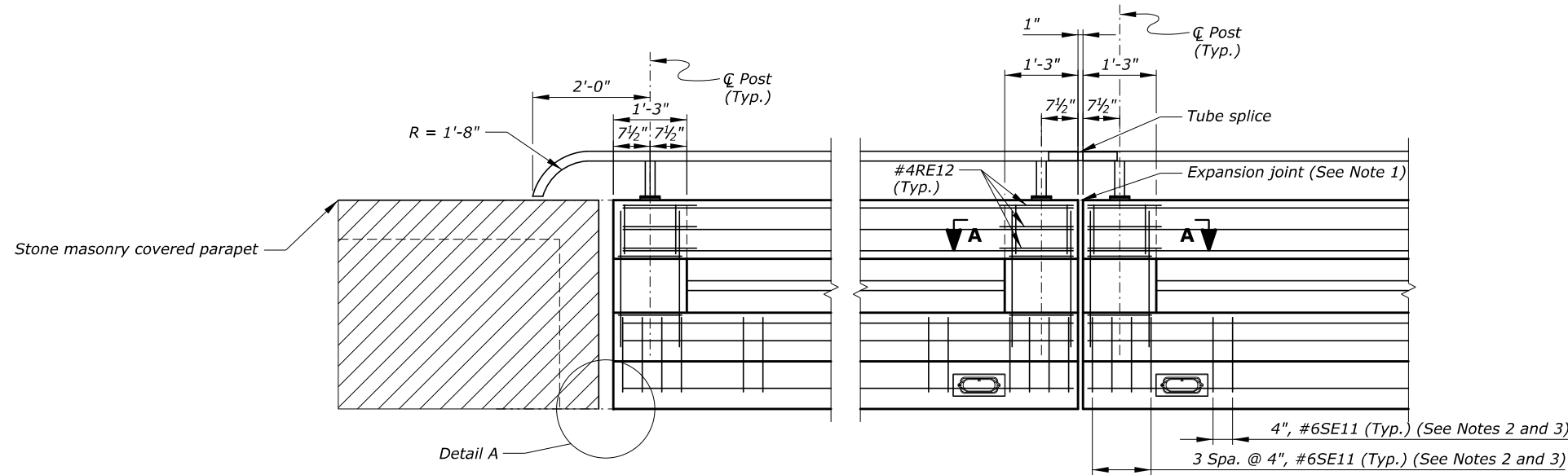
STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R213



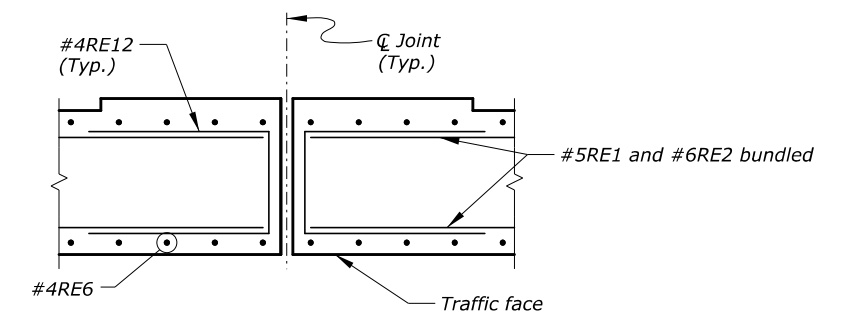
**EXPANSION JOINT DETAIL - WITH SIDEWALK**  
Scale: 3/4" = 1'-0"



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



**EXPANSION JOINT DETAIL - WITHOUT SIDEWALK**  
Scale: 3/4" = 1'-0"



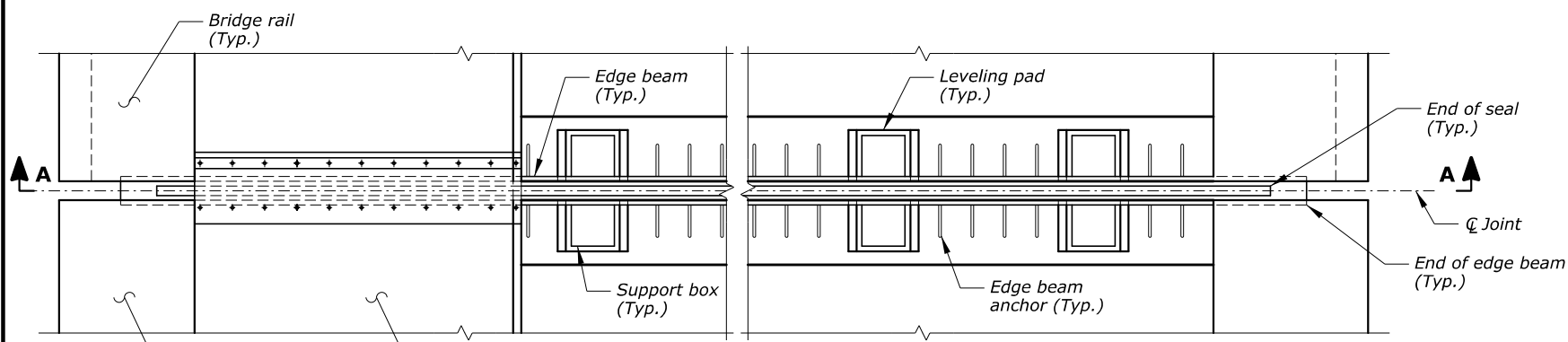
**SECTION A-A**  
Scale: 1 1/2" = 1'-0"

**NOTES:**

1. See "BRIDGE RAILING - 3" sheet for expansion joint locations.
2. See "BRIDGE RAILING - 1" and "BRIDGE RAILING - 3" sheets for additional information on post, railing, curb, and sidewalk reinforcement.
3. See Segment Reinforcing sheets for additional information.
4. See "WINGWALL B LAYOUT" and "WINGWALL C REINFORCEMENT" sheets for additional information on the stone masonry parapet and parapet reinforcing.
5. Ambient temperature at time of construction for 2-inch gap is 60° F. See "EXPANSION JOINT DETAILS - 1" sheet for opening adjustment.
6. Maximum of 6" masonry from the face of the concrete parapet core.

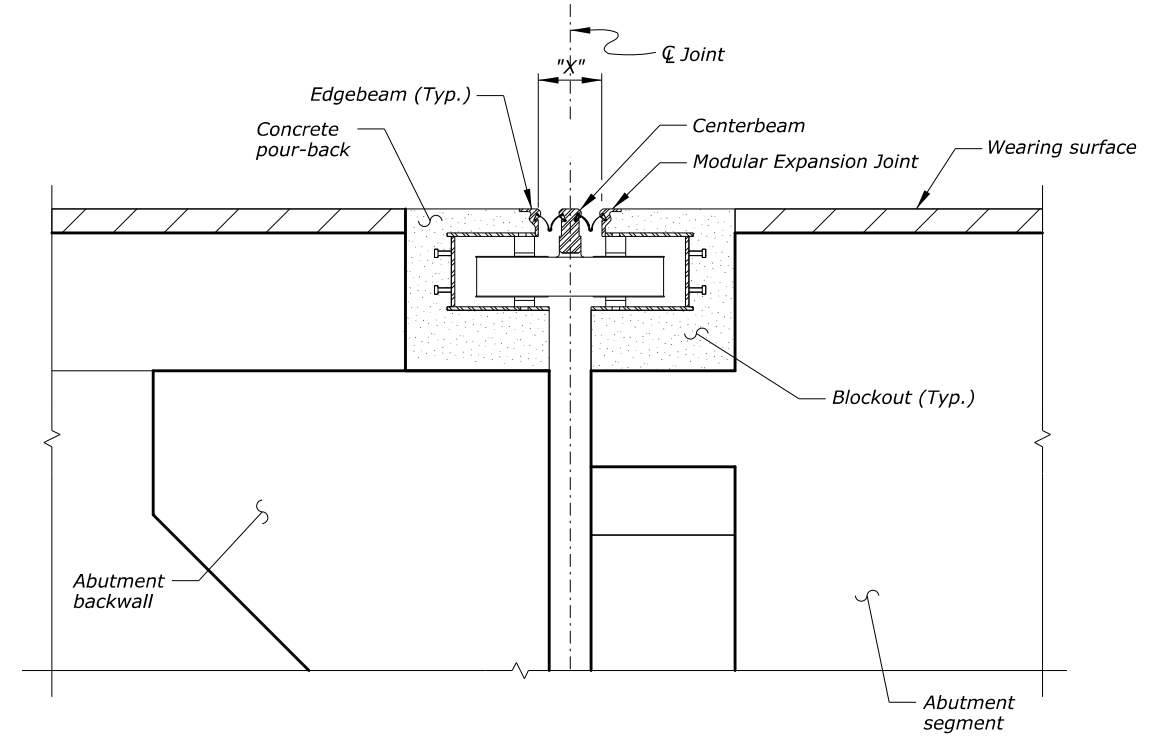
U.S. DEPARTMENT OF TRANSPORTATION  
FEDERAL HIGHWAY ADMINISTRATION  
EASTERN FEDERAL LANDS HIGHWAY DIVISION  
  
BLUE RIDGE PARKWAY  
  
BRIDGE OVER I-26  
  
BRIDGE RAILING - 4

NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CWN	CWN	HC	As Shown	George Choubah	213 of 228	December 2018	BRP-1265

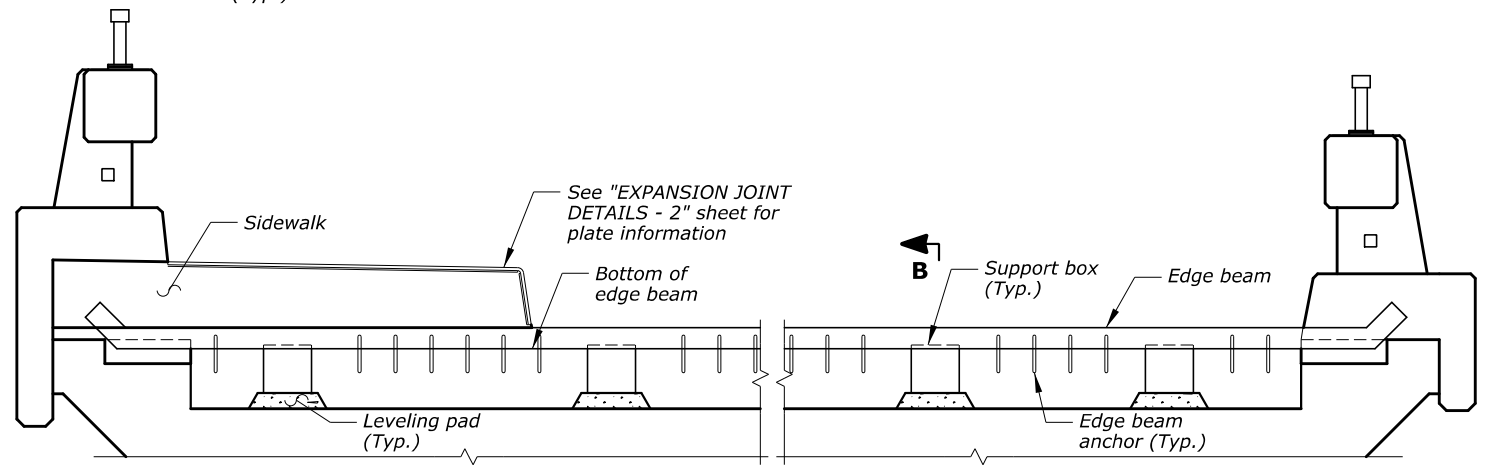


Stone faced parapet, see "WINGWALL B LAYOUT" sheet for details (Typ.)

**PLAN AT EXPANSION JOINT**



**SECTION B-B**



**SECTION A-A**

Location		50° F temp. rise from 60° F mean (in)	50° F temp. fall from 60° F mean (in)	DL + DW +PT + Long Term Shrinkage and Creep (in)	Dimension "X" (in) * min. setting	Total design movement per side (LRFD) (in)	Total design movement (LRFD) (in)	Elongation per 10° F deviation (in)	Elongation per 10° F deviation (in)	Expansion Joint Movements	
										Min. (in) (Contraction)	Max. (in) (Expansion)
Abutment 1	Downstation	1.90	1.90	2.07	2.5	5.87	5.87	0.38	0.38	3.97	1.90
Abutment 2	Upstation	0.71	0.71	0.97	2.5	2.39	2.39	0.14	0.14	1.68	0.71

\* Will vary based on joint manufacturer

Notes:

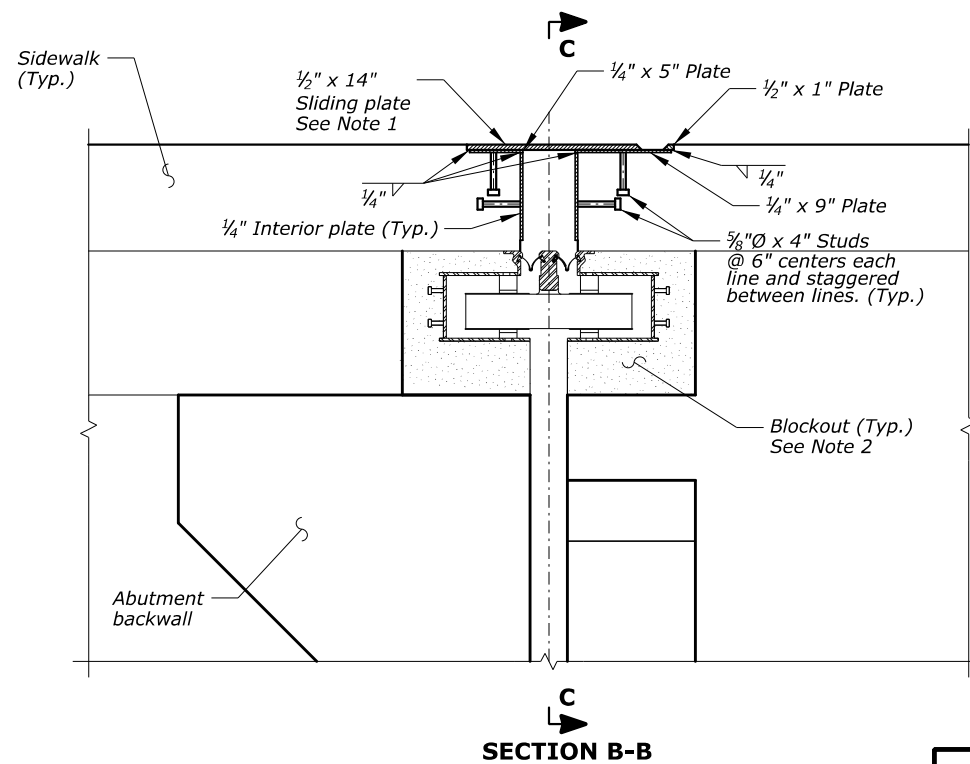
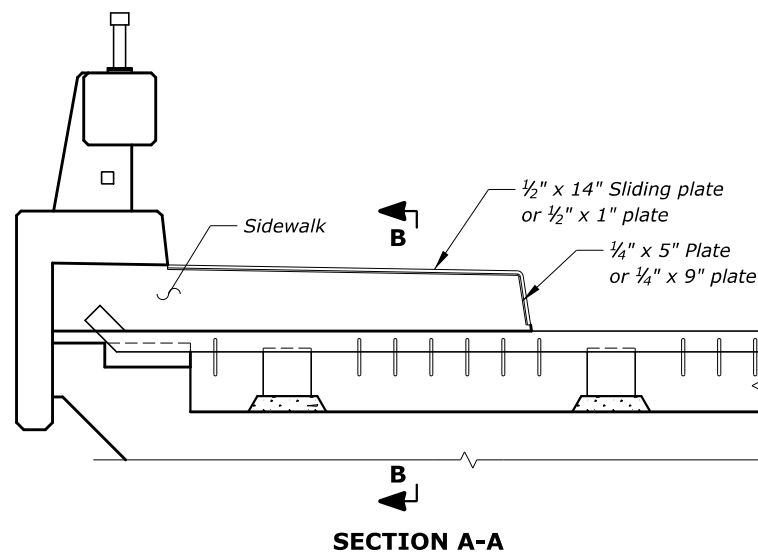
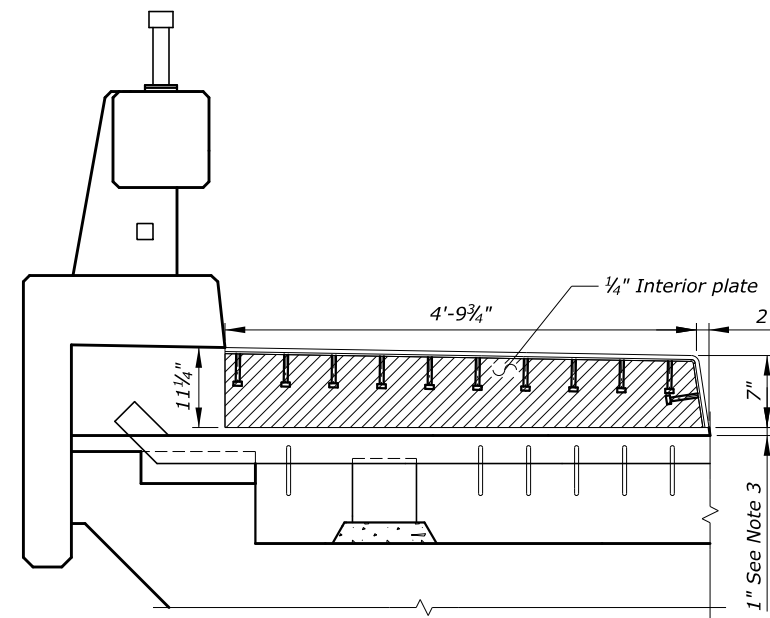
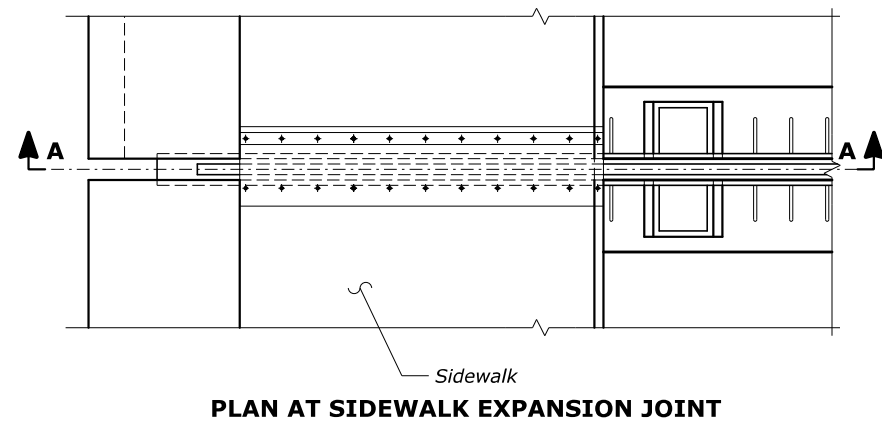
- Modular expansion details shown on this sheet are schematic only.
- Ambient temperature at time of construction (dimension "X") and placing of the expansion joint is 60° F.
- Movement is along centerline of girder.
- Joint configuration and orientation to be in accordance with manufacturer's specifications.
- Coordinate location and dimension of modular joint with blockouts in abutment backwall and superstructure abutment segments.
- Movements shown in table are factored based on AASHTO Strength I load combination.
- The modular joint supplier is responsible for design and supply of all materials required to install the modular joint system according to Note 8.
- Modular expansion joints will be designed, fabricated, tested and installed in accordance with the special provisions, the NCDOT Standard Specifications, Chapter 14 of the AASHTO LRFD Bridge Design Specifications, and Chapter 19 of the AASHTO LRFD Bridge Construction Specifications. The shop drawings will be submitted showing the manufacturer, materials, and dimensions of all components of the modular joint system to the Engineer of Record for approval.
- Movement from DL, PT, Long Term Shrinkage and Creep are based on the expansion joint being installed immediately prior to the wearing surface. This value will vary depending on the construction schedule.

U.S. DEPARTMENT OF TRANSPORTATION  
 FEDERAL HIGHWAY ADMINISTRATION  
 EASTERN FEDERAL LANDS HIGHWAY DIVISION  
  
**BLUE RIDGE PARKWAY**  
  
 BRIDGE OVER I-26  
  
**EXPANSION JOINT DETAILS - 1**

M:\PROJECTS\STATE\_DOT\NC\brl\_126\_nepa\Bridges\Microstation\Bridges Design Files\NO\_PROJECTS.dgn ACTUAL FILE: EXP JT .DGN  
 14-Dec-2018 12:23 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.
								CWN	CWN	HC	Not to Scale	George Choubah	214 of 228	December 2018	BRP-1265

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R215



Notes:

1. Length of plate across joint is based on 2 1/2 inch joint setting dimension shown on "EXPANSION JOINT DETAILS - 1" sheet. Adjust length of plate across joint based on joint manufacturer requirements for minimum setting dimension. Verify dimensions before fabrication of expansion joint.
2. See "EXPANSION JOINT DETAILS - 1" sheet for additional information on modular joint.
3. Dimension is between sliding plate system and top of modular expansion joint and wearing surface.
4. Furnish structural steel for bars, plates, and shapes conforming to ASTM A-588.
5. Furnish headed concrete anchor studs conforming to ASTM A-108.
6. Furnish galvanization for steel bars, plates, and shapes in accordance with NCDOT Standard Specifications (Section 1076).
7. Furnish shop applied Natina color treatment for steel bars, plates, and shapes, to provide a mottled and rustic, brown finish.

U.S. DEPARTMENT OF TRANSPORTATION  
 FEDERAL HIGHWAY ADMINISTRATION  
 EASTERN FEDERAL LANDS HIGHWAY DIVISION  
 BLUE RIDGE PARKWAY  
 BRIDGE OVER I-26  
 EXPANSION JOINT DETAILS - 2

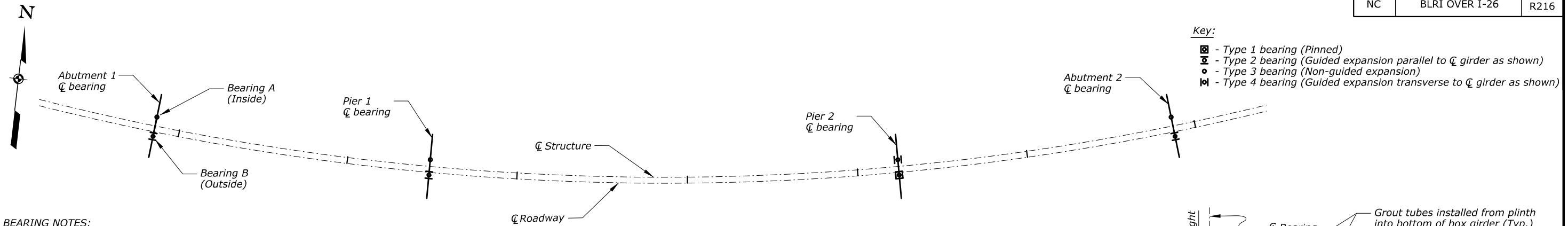
M:\PROJECTS\STATE\_DOT\NC\brl\_126\_nepa\bridge\microstation\bridge Design Files\NO\_OP\PROJECTS.dgn ACTUAL FILE: EXP JT .DGN  
 14-Dec-2018 12:23 PM

NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CWN	CWN	HC	Not to Scale	George Choubah	215 of 228	December 2018	BRP-1265

ACTUAL FILE: R216\_BLR1\_I26\_BEARING\_DETAILS.DGN

M:\PROJECTS\STATE\_DOT\NC\blri\_126\_nepa\Bridges\Microstation\Bridges Design Files\NO\_OP\PROJECTS.dgn

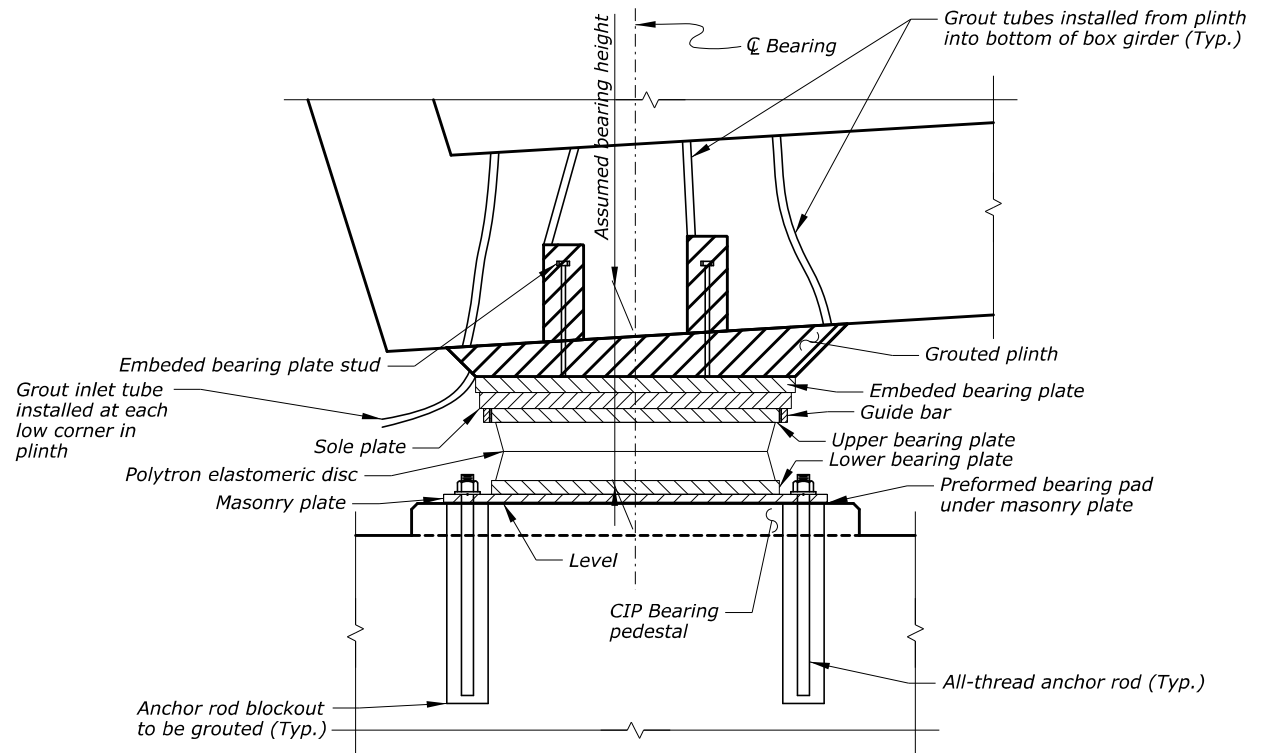
14-Dec-2018 12:23 PM



- Key:**
- ▣ - Type 1 bearing (Pinned)
  - ▣ - Type 2 bearing (Guided expansion parallel to  $\bar{C}$  girder as shown)
  - - Type 3 bearing (Non-guided expansion)
  - ▣ - Type 4 bearing (Guided expansion transverse to  $\bar{C}$  girder as shown)

**BEARING NOTES:**

- Disc bearings will be designed, fabricated, tested and installed in accordance with the special provisions, the NCDOT Standard Specifications, Chapter 14 of the AASHTO LRFD Bridge Design Specifications, and Chapter 18 of the AASHTO LRFD Bridge Construction Specifications. The shop drawings will be submitted showing manufacturer, materials, and dimensions of all components of the bearing assembly to the Engineer of Record for approval. The manufacturer will submit certified copies of test reports to the Engineer of Record for review. Materials certificates for steel, PTFE, and adhesives will also be submitted.
- Bearing assembly shown on this sheet is schematic only.
- At locations where the grouted plinth thickness exceeds 3 inches in height, reinforce with one layer of ASTM A1022 stainless steel W1.4/W1.4 welded wire mesh (centered vertically). Provide an additional layer of reinforcement for each additional 3 inches of plinth height.
- The upper and lower bearing components will be secured with metal clips to avoid separation prior to installation.
- Bearings will be designed and detailed so the bearing assembly can be removed for replacement or repair.
- The direction of stationing and location will be clearly marked on each bearing assembly.
- High strength grout above the embedded bearing plate will be non-shrink, prepackaged portland cement with sand and a minimum compressive strength of 5,000 psi, conforming to the project specifications. Grout will be submitted to the Engineer of Record for review prior to use.
- The anchor bolt blockouts will be filled with non-shrink, prepackaged grout with a minimum compressive strength of 6,000 psi, conforming to the project specifications.
- Anchor rods and embedded plate studs will conform to ASTM F1554, nuts will conform to ASTM A563, washers will conform to ASTM F436. Galvanize rods, nuts, and washers conforming to ASTM F2329. It is the contractor's responsibility to insure proper placement of anchor bolts and embedded plate studs. Anchor rod blockouts and pintle blockout to be free of debris prior to grouting. Coordinate position of anchor rods and embedded plate studs with blockout positions in precast pier cap and precast superstructure segments.
- Maximum length and width of masonry plate at piers is 4 feet by 4 feet, height of plate to be determined by bearing provider. Maximum length and width of masonry plate at abutments is 3 feet long by 2 feet 6 inches wide, height of plate to be determined by bearing provider.
- Grout system for the plinth will be tested with air prior to grouting. Submit grout and grouting plan for the plinth and anchor rods to the Engineer of Record for review.
- The bearing provider is responsible for design and supply of anchor bolts, anchor bolt nuts, preformed bearing pad, masonry plate, lower bearing plate, polytron disc, upper bearing plate, sole plate, embedded bearing plate and associated shear studs, any and all PTFE and stainless steel sliding surfaces.



**BEARING SCHEMATIC ELEVATION VIEW**

BEARING DATA TABLE																		
Location	Bearing type	Vertical - Unfactored Loads (kips)					Service I Wind Load	Service IV Wind Load	Strength III Wind Load	Strength V Wind Load	Horizontal - Factored Loads (kips)		Factored Longitudinal Bearing Movements (inch)*			Factored Design Rotation (Radians)	Assumed Total Bearing Height (inch)	Temperature Correction Per 10°F Rise (inch)
		DC	DW	PT	LL + IM (Max.)	LL + IM (Min.)					Transverse	Longitudinal	Expansion Temp. Rise	Expansion Temp. Fall	DL + DW + PT + Long Term Creep + Shrinkage			
Abutment 1 (A)	3	396	6	24	110	-69	64	97	179	77	0	0	-1.90	1.90	4.32	0.02	19.62	-0.38
Abutment 1 (B)	2	65	50	136	220	-55	64	95	176	77	170	0	-1.90	1.90	4.32	0.02	19.80	-0.38
Pier 1 (A)	3	3233	129	-440	332	-139	146	278	524	174	0	0	-1.19	1.19	3.16	0.02	22.68	-0.24
Pier 1 (B)	2	1078	239	269	542	-14	146	260	488	173	1127	0	-1.19	1.19	3.16	0.02	22.68	-0.24
Pier 2 (A)	4	3208	132	-390	329	-129	102	222	424	119	0	570	-	-	-	0.02	23.64	-
Pier 2 (B)	1	1107	236	260	528	-12	103	206	393	120	1139	570	-	-	-	0.02	23.64	-
Abutment 2 (A)	3	409	7	8	109	-71	73	106	202	89	0	0	0.71	-0.71	-1.74	0.02	19.26	0.14
Abutment 2 (B)	2	48	50	133	221	-56	73	109	196	88	164	0	0.71	-0.71	-1.74	0.02	19.44	0.14

\* = Strength Limit State

**BEARING DATA TABLE NOTES:**

- The bearings will be designed based on the loads and movements shown in the table occurring simultaneously.
- Design is based on 60° F installation temperature. With a temperature range of 110° F maximum and a 10° F minimum.
- Bearing movement values are based on positive movement is toward upstation, and negative movement is toward downstation.
- Vertical load values are based on positive values for the downward direction, and negative values for the upward direction.
- Design construction tolerance for rotation is 0.005 radians and is included in the factored design rotation value shown.
- Movement for DL, DW, PT, Long Term Creep and Shrinkage is based on the assumed erection sequence provided on sheets "CONSTRUCTION SEQUENCE -1", "CONSTRUCTION SEQUENCE - 2", and "CANTILEVER CONSTRUCTION SEQUENCE".

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

**BLUE RIDGE PARKWAY**

BRIDGE OVER I-26

**BEARING DETAILS**

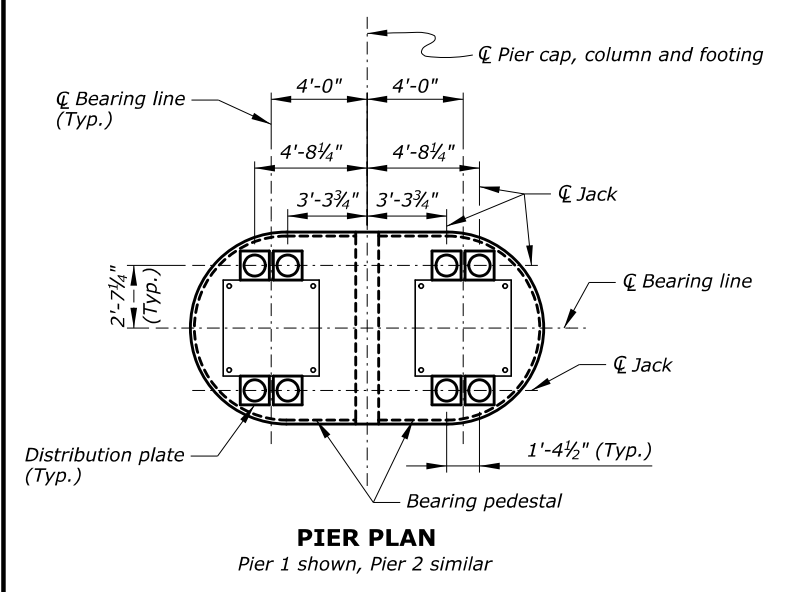
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CWN	CWN	HC	Not to Scale	George Choubah	216 of 228	December 2018	BRP-1265

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R217

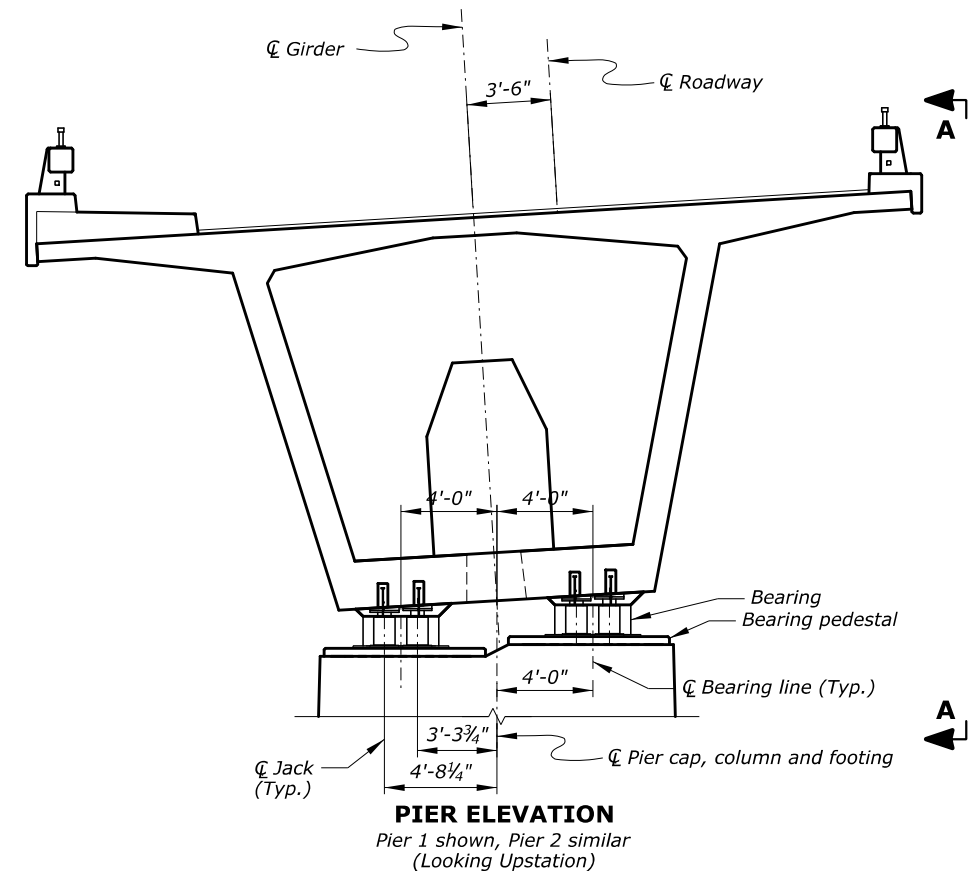
ACTUAL FILE:R217\_BLR1\_I26\_BEARING\_REPLACEMENT\_DETAILS.DGN

M:\PROJECTS\STATE\_DOT\WC\brl\_126\_mepa\Bridg\Microstation\Brlidge Design Files\NO\_OP\PROJECTS.dgn

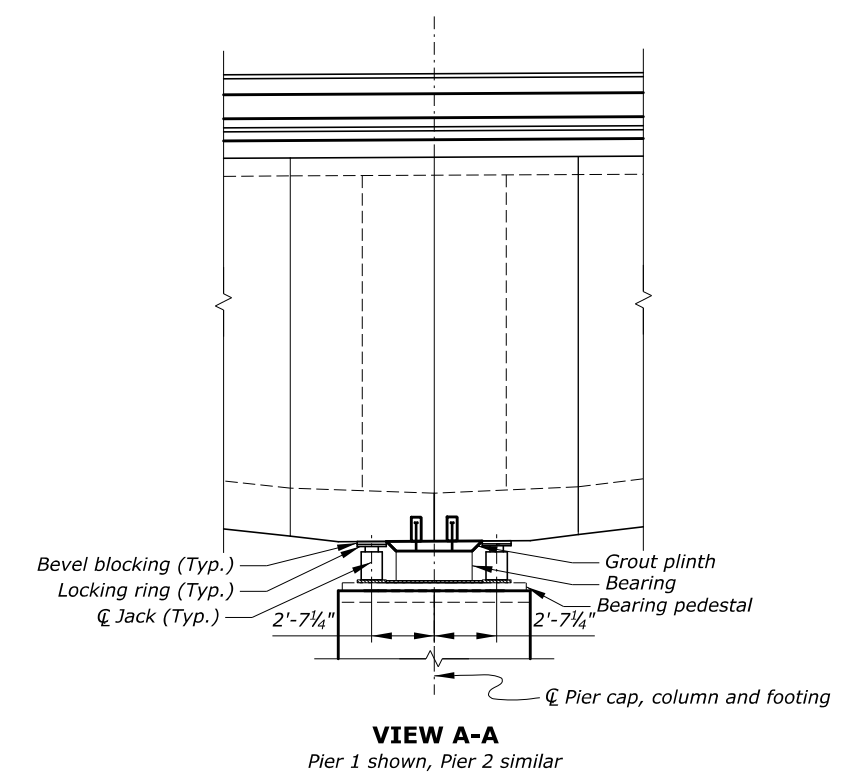
14-Dec-2018 12:23 PM



**PIER PLAN**  
Pier 1 shown, Pier 2 similar



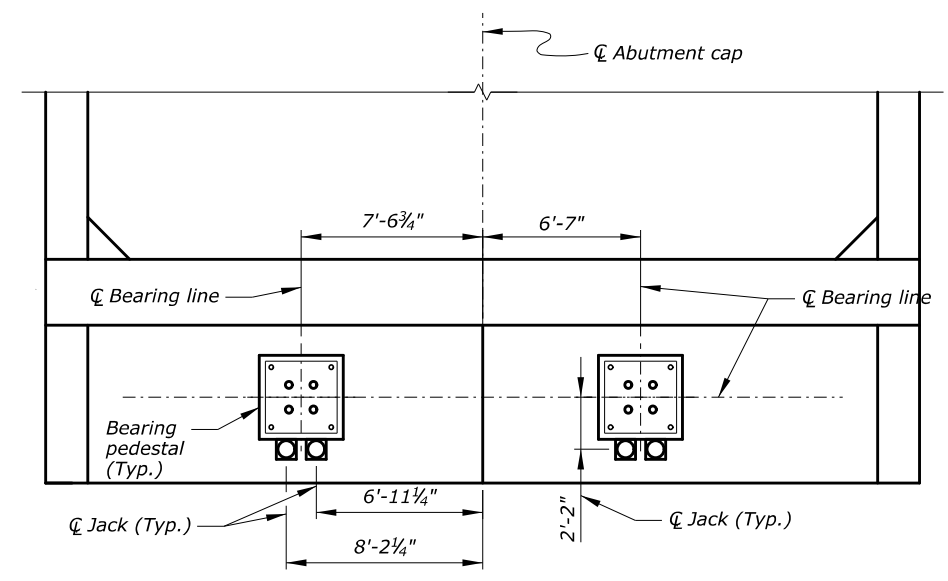
**PIER ELEVATION**  
Pier 1 shown, Pier 2 similar  
(Looking Upstation)



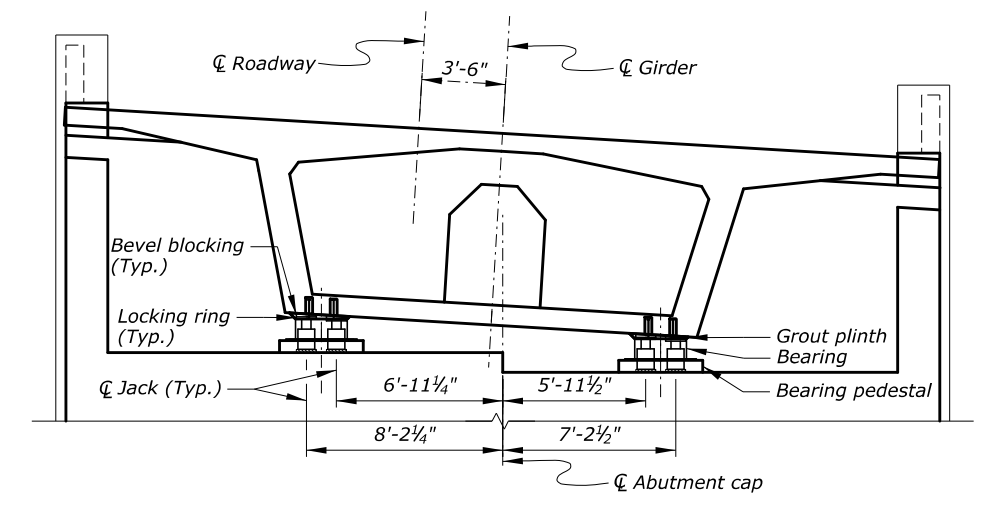
**VIEW A-A**  
Pier 1 shown, Pier 2 similar

**JACKING NOTES:**

- At Abutments 1 and 2, place two jacks at each bearing, with each jack able to safely lift and sustain a minimum of 175 tons of jacking force placed as shown.
- At Piers 1 and 2, place two sets of two jacks at each bearing, with each jack able to safely lift and sustain a minimum of 450 tons of jacking force placed as shown.
- Jacking force required at bearing A and bearing B is different due to curvature of the structure. See "BEARING DETAILS" sheet for bearing details and loads.
- All bearings at each Pier or Abutment will be jacked simultaneously at the same rate, by connecting each bearing to a single hydraulic pump through a manifold to ensure equal distribution between jacks. Operation will be carried out on one Pier or one Abutment at a time. Jacking will continue at each location until bearings can be freed.
- Jacks will be placed on a steel bearing plate and equipped with locking rings. Beveled jacking plates will be used to provide a level jacking surface as necessary.
- Concrete bearing pressures generated by jack supports will not exceed relevant AASHTO values.
- A structural engineer familiar with the analysis and design of precast segmental concrete bridges should be engaged to oversee the bearing replacement work. Bearing replacement plan is provided for future maintenance. Jacking of the superstructure is not included in the contract.



**ABUTMENT PLAN**  
Abutment 1 shown, Abutment 2 similar



**ABUTMENT ELEVATION**  
Abutment 1 shown, Abutment 2 similar  
(Looking downstation)

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

BLUE RIDGE PARKWAY

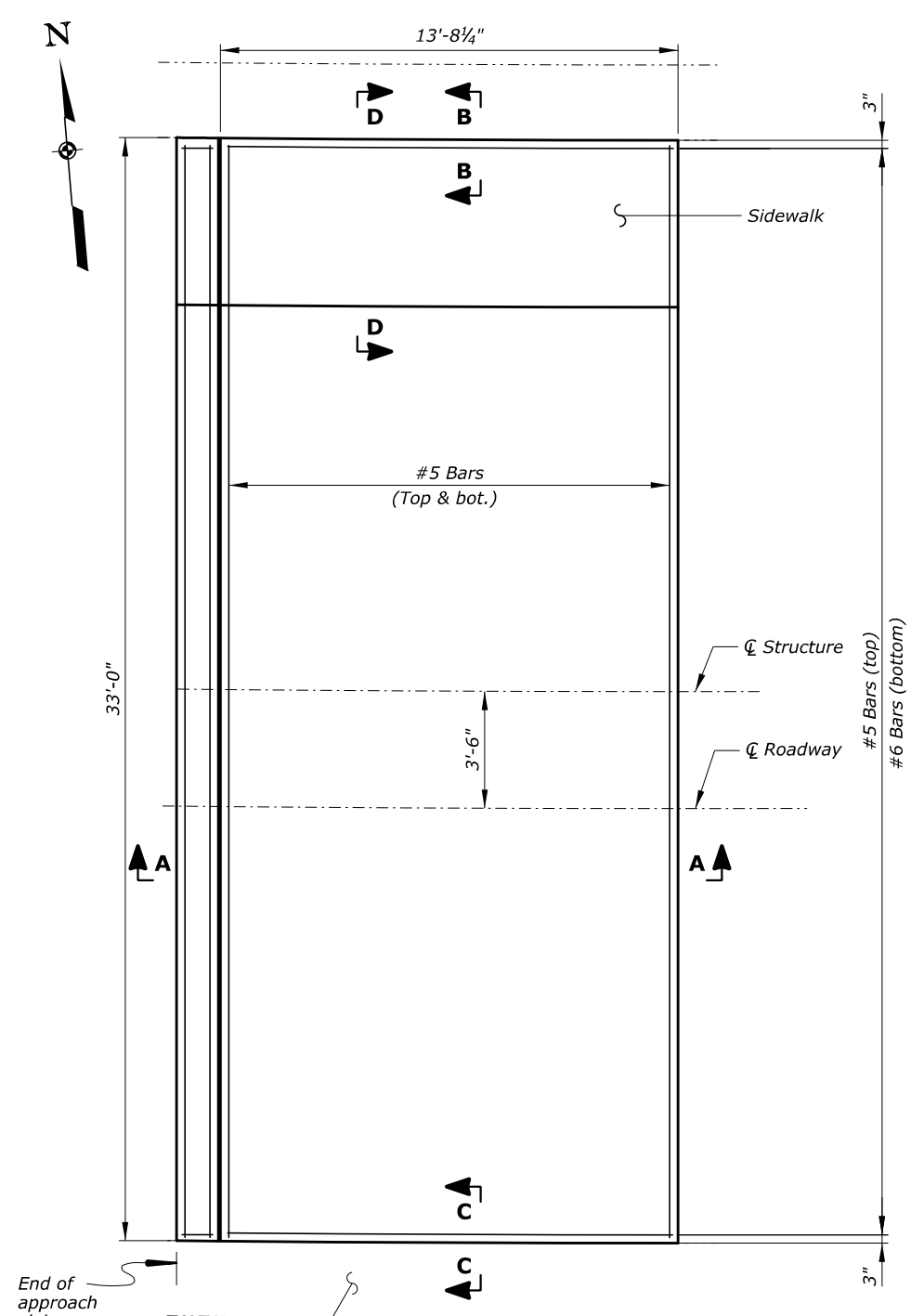
BRIDGE OVER I-26

**BEARING REPLACEMENT DETAILS**

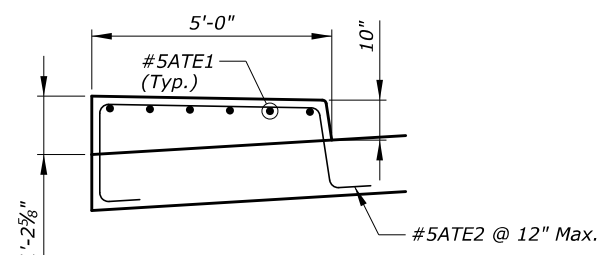
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CWN	CWN	HC	Not to Scale	George Choubah	217 of 228	December 2018	BRP-1265

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R218

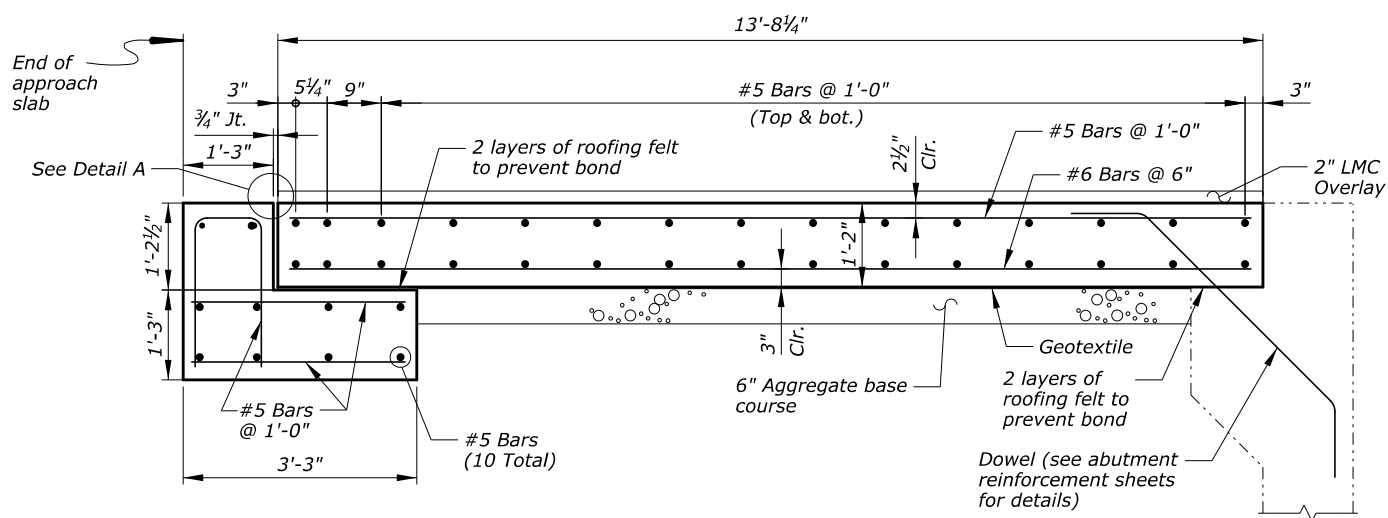
Notes:  
1. Geotextile shall be Type 1 in accordance with the Standard Specifications Section 1056.



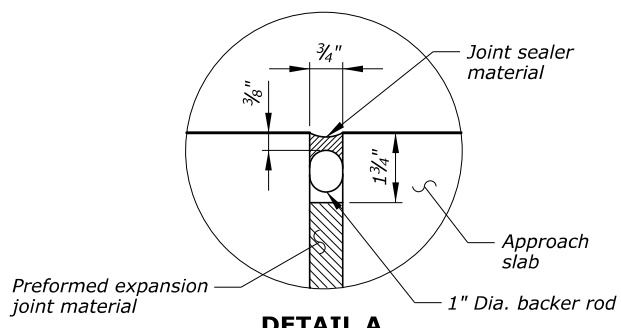
**PLAN**  
Scale: 3/8" = 1'-0"  
(Approach slab at Abutment 1 shown, Abutment 2 similar)



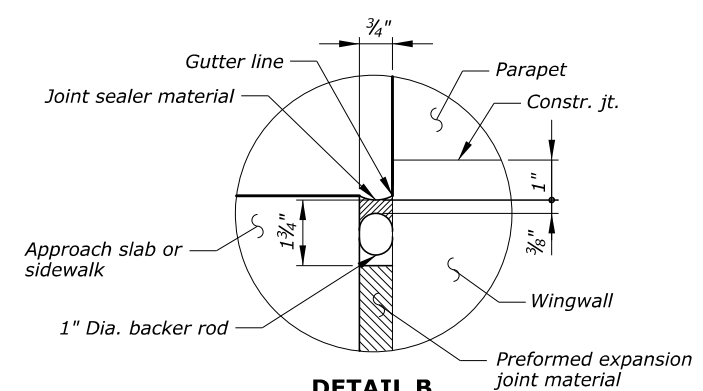
**SECTION D-D - SIDEWALK**  
Scale: 1/2" = 1'-0"



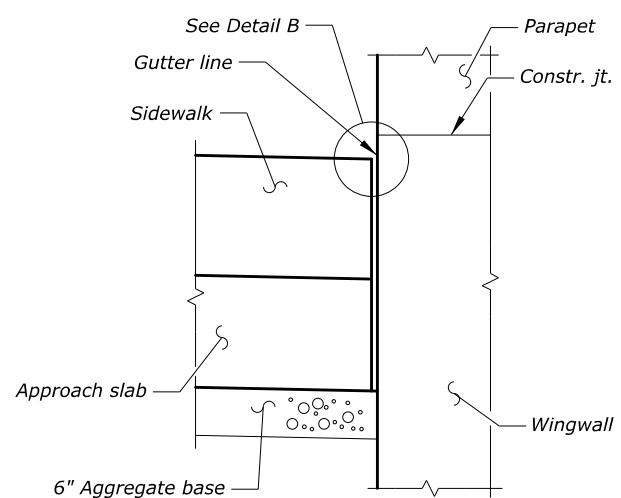
**SECTION A-A**  
Scale: 3/4" = 1'-0"



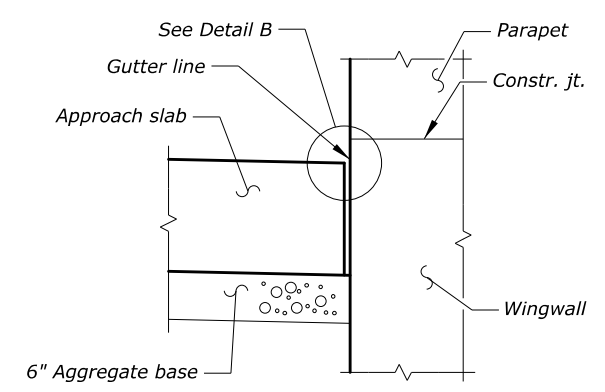
**DETAIL A**  
No Scale



**DETAIL B**  
No Scale



**SECTION B-B**  
No Scale



**SECTION C-C**  
No Scale

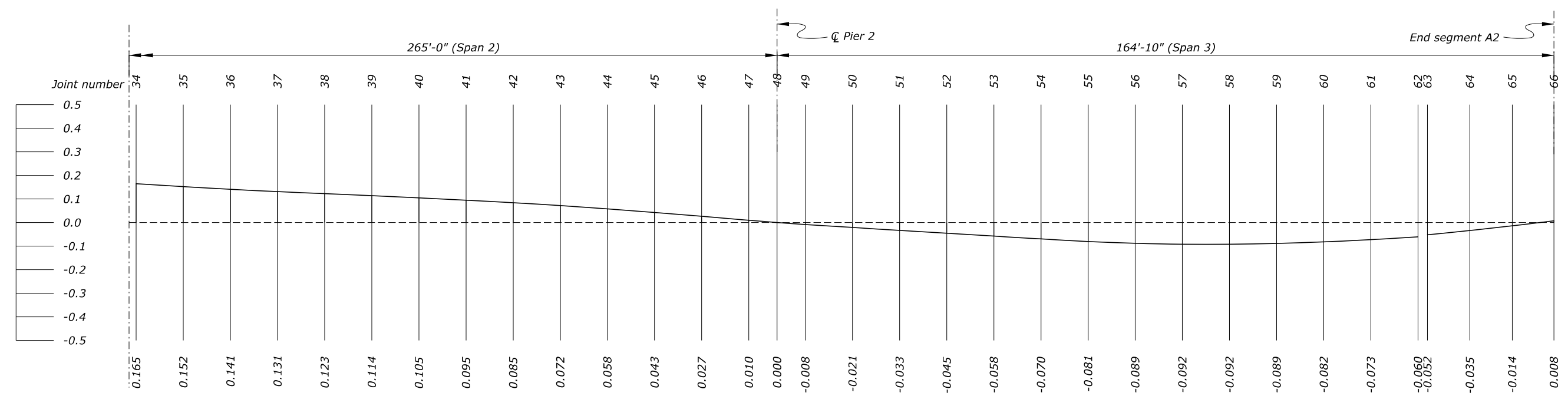
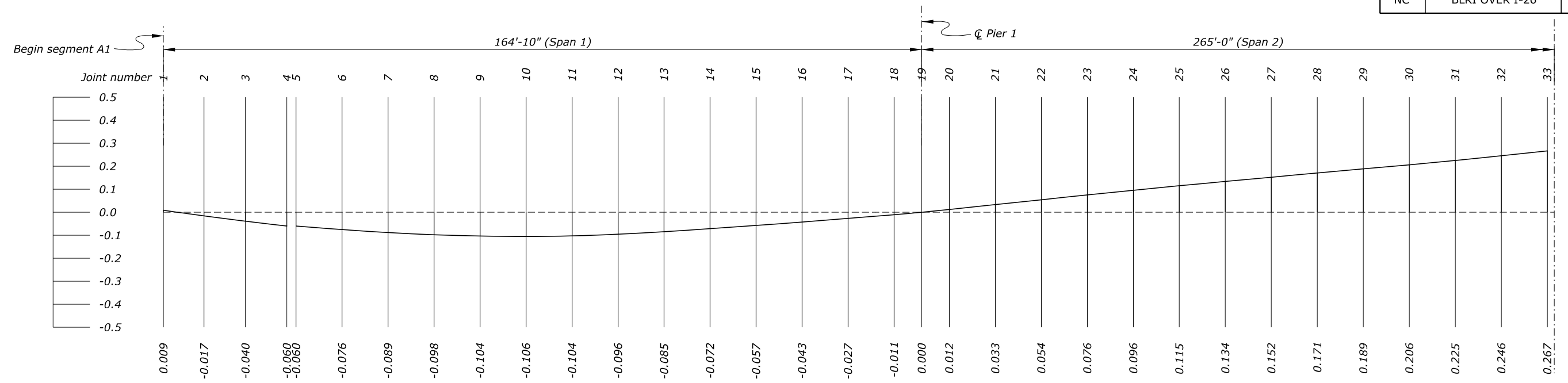
ESTIMATED QUANTITIES FOR ONE APPROACH SLAB				
Slab Length	Slab Width	Concrete (Cu. Yd.)	Reinf.* Steel (Lbs.)	Joint Width
13'-8 1/4"	33'-0"	20	2200	3/4"

\* Does not include dowels, sleeper slab, or sidewalk

U.S. DEPARTMENT OF TRANSPORTATION  
FEDERAL HIGHWAY ADMINISTRATION  
EASTERN FEDERAL LANDS HIGHWAY DIVISION  
  
BLUE RIDGE PARKWAY  
  
BRIDGE OVER I-26  
  
APPROACH 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.
								AR	BK	CC	As Shown	George Choubah	218 of 228	December 2018	BRP-1265

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R219



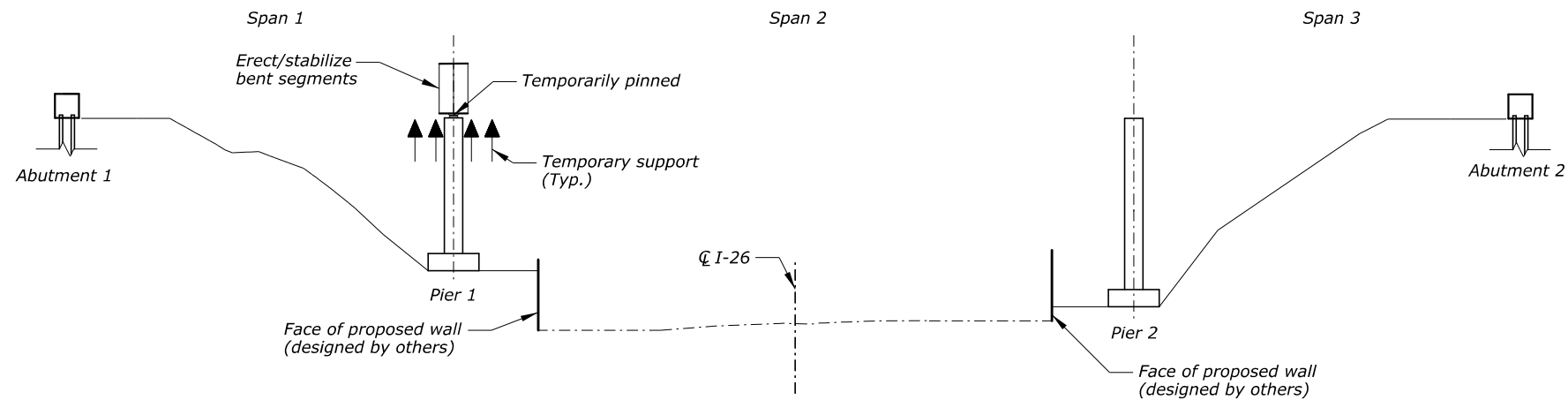
Notes:

- All camber values are in feet.
- Values are structural camber values only. Geometry of roadway is not included.
- The above camber values are provided for information only. The contractor will submit detailed information based on the following:
  - Anticipated construction sequence and schedule;
  - Contractor's means and methods of construction;
  - Details to achieve deformation compatibility at closures.
- Camber values are based on the assumed erection sequence provided on sheets "CONSTRUCTION SEQUENCE - 1", "CONSTRUCTION SEQUENCE - 2", AND "CANTILEVER CONSTRUCTION SEQUENCE", and long-term time-dependent deformation to 10,000 days.
- See "TOP OF DECK ELEVATIONS - 1" sheet for joint number locations.

U.S. DEPARTMENT OF TRANSPORTATION  
 FEDERAL HIGHWAY ADMINISTRATION  
 EASTERN FEDERAL LANDS HIGHWAY DIVISION  
  
**BLUE RIDGE PARKWAY**  
  
 BRIDGE OVER I-26  
  
**CAMBER DIAGRAM**

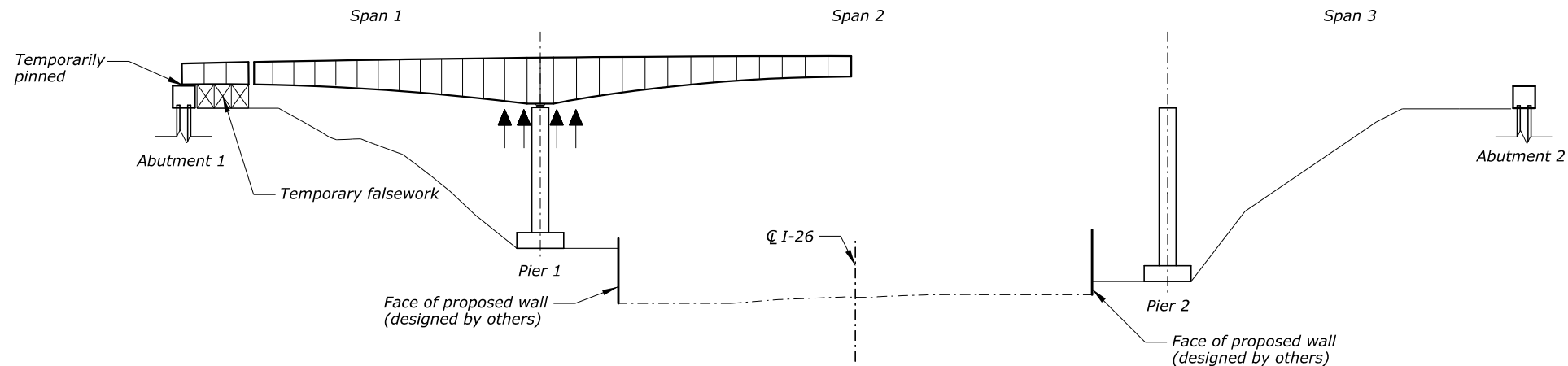
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CWN	CWN	CC	No Scale	George Choubah	219 of 228	December 2018	BRP-1265

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R220



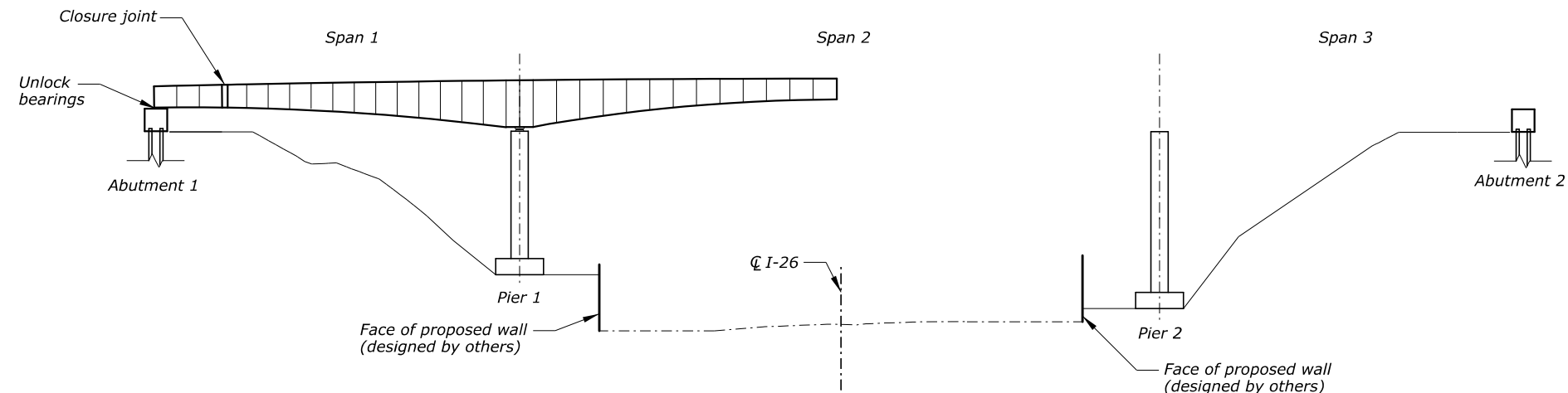
Step 1:

1. Construct pier column/footings in advance of superstructure segment erection.
2. Erect temporary supports at Pier 1.
3. Place permanent bearings on top of Pier 1, and temporarily lock bearing from movement.
4. Erect/stabilize segments P1-1 and P1-2.



Step 2:

1. Continue segment erection of cantilever at Pier 1, as detailed on the "CANTILEVER CONSTRUCTION SEQUENCE" sheet.
2. Remove construction loads from Pier 1 cantilever.
3. Place permanent bearings on top of Abutment 1, and temporarily lock bearing from movement.
4. Install falsework at Abutment 1, and erect abutment segments. See "CANTILEVER CONSTRUCTION SEQUENCE" sheet for additional details.



Step 3:

1. Install strong back and forming system at closure joint in Span 1.
2. Construct closure joint in Span 1.
3. Unlock bearings at Abutment 1.
4. Stress continuity tendons in Span 1, in the following order: T17, B9 through B12, E3.
5. Remove all external 1 3/8" PT bars in Pier 1 Cantilever, except between segments 1-11U, 1-12U, and 1-13U.
6. Remove temporary supports at Pier 1.
7. Remove falsework at Abutment 1.

Notes:

1. The information shown on the "CANTILEVER CONSTRUCTION SEQUENCE" and "CONSTRUCTION SEQUENCE" sheets convey the assumptions made by the designer in designing the structure. All information shown is for the contractor's information only and the contractor is responsible for selecting the means and methods used to construct the structure. The contractor will submit to the Engineer of Record calculations of the influence of erection sequence loads and details on the structure in accordance with the contract documentation.
2. The contractor is responsible for supporting the segments on temporary supports such that the stresses, including effects of construction loads, remain within allowables. The cost of any additional post-tensioning required by actual support conditions and construction loads, will be incidental to the cost of superstructure erection.
3. Falsework is required at the piers to resist unbalanced loadings and provide stability during erection. Foundations and pier columns have not been designed for stability under unbalanced segment loading. Temporary supports are not to be placed on the pier footings.
4. For cantilever erection procedure, see "CANTILEVER CONSTRUCTION SEQUENCE" sheet.
5. For assumed construction loads, see "GENERAL NOTES" sheet.
6. Temporary supports and locations shown are schematic only.

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

BLUE RIDGE PARKWAY

BRIDGE OVER I-26

**CONSTRUCTION SEQUENCE - 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/BK	HC	Not to Scale	George Choubah	220 of 228	December 2018	BRP-1265

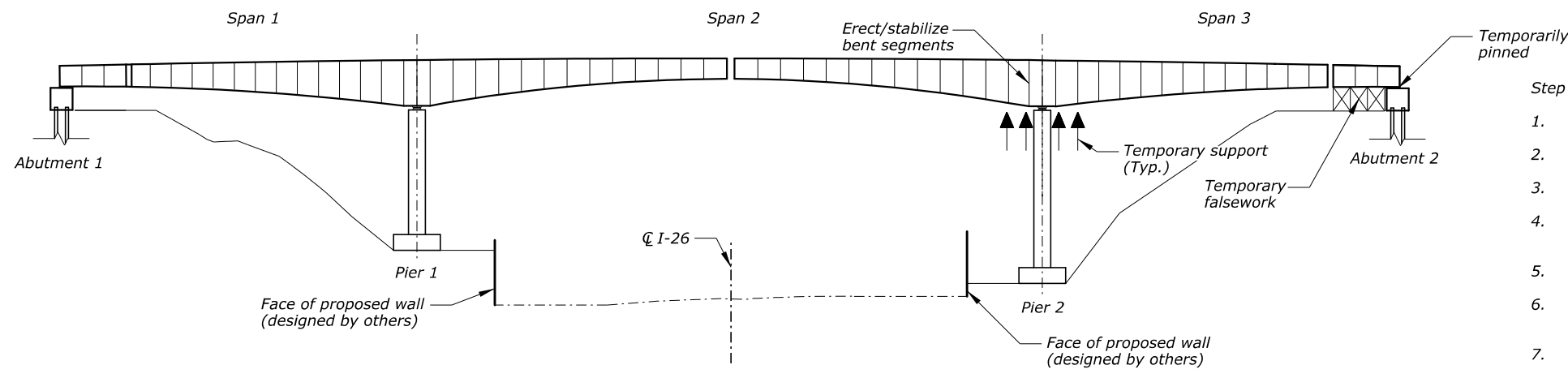


ACTUAL FILE: R221\_BLR1\_I26\_CONSTRUCTION\_SEQUENCE-2.DGN

M:\PROJECTS\STATE\_DOT\NC\brl\_I26\_nepa\Bridges\Microstation\Bridges Design Files\NO\_OP\PROJECTS.dgn

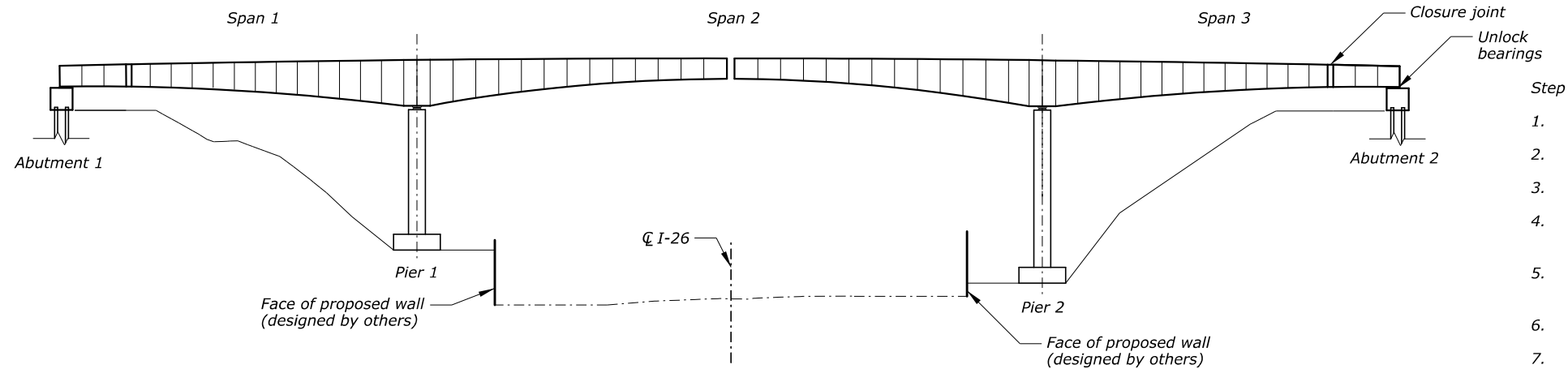
14-Dec-2018 12:23 PM

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R221



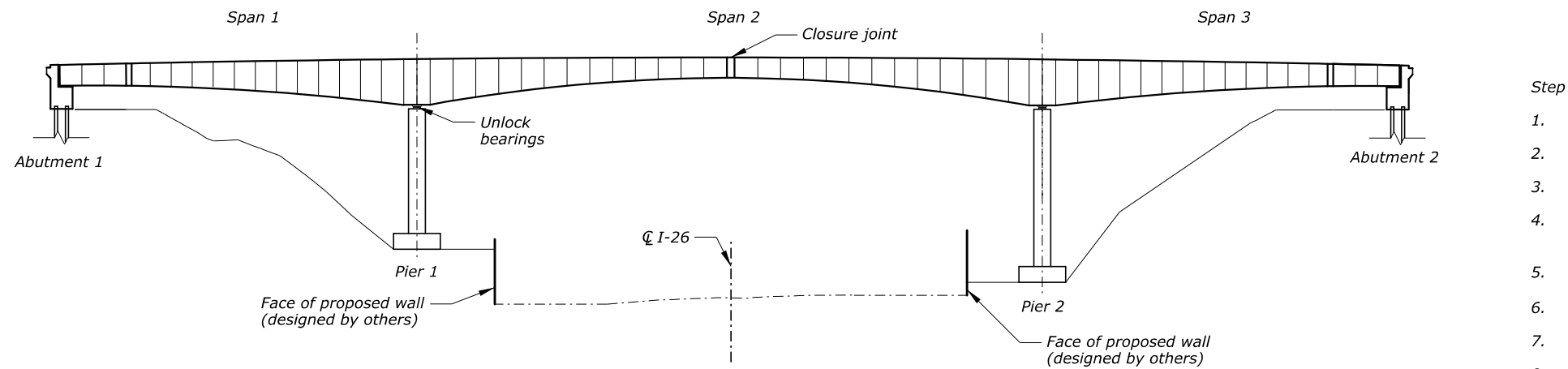
Step 5:

1. Erect temporary supports at Pier 2.
2. Place permanent bearings on top of Pier 2.
3. Erect/stabilize segments P2-1 and P2-2
4. Continue segment erection of cantilever at Pier 2, as detailed on the "CANTILEVER CONSTRUCTION SEQUENCE" sheet.
5. Remove construction erection equipment from Pier 2 cantilever.
6. Place permanent bearings on top of Abutment 2, and temporarily lock bearing from movement.
7. Install falsework at Abutment 2, and erect abutment segments. See "CANTILEVER CONSTRUCTION SEQUENCE" sheet for additional details.



Step 6:

1. Install strong back and forming system at closure joint in Span 3.
2. Construct closure joint in Span 3.
3. Unlock bearings at Abutment 2.
4. Stress continuity tendons in Span 3, in the following order: T17, B9 through B12, E3.
5. Remove all external 1 3/8" PT bars in Pier 2 Cantilever, except between segments 2-11D, 2-12D, and 2-13D.
6. Remove supports at Pier 2.
7. Remove falsework at Abutment 2.



Step 7:

1. Install strong back and forming system at closure joint in span 2.
2. Construct closure joint.
3. Unlock bearings at Pier 1.
4. Stress continuity tendons in Span 2, in the following order: B1, T18, B2 through B8, E1, E2.
5. Remove all remaining external 1 3/8" PT bars.
6. Construct backwall at Abutments 1 and 2.
7. Construct sidewalk and concrete barrier.
8. Construct overlay.

Notes:

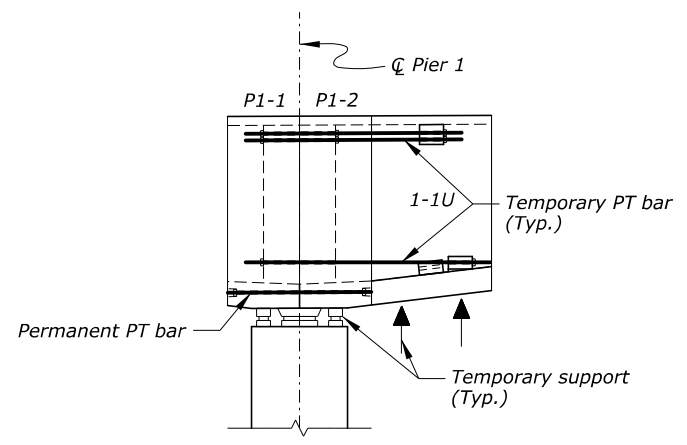
1. For notes, see "CONSTRUCTION SEQUENCE -1" sheet.

U.S. DEPARTMENT OF TRANSPORTATION  
 FEDERAL HIGHWAY ADMINISTRATION  
 EASTERN FEDERAL LANDS HIGHWAY DIVISION  
  
 BLUE RIDGE PARKWAY  
  
 BRIDGE OVER I-26  
  
**CONSTRUCTION SEQUENCE - 2**

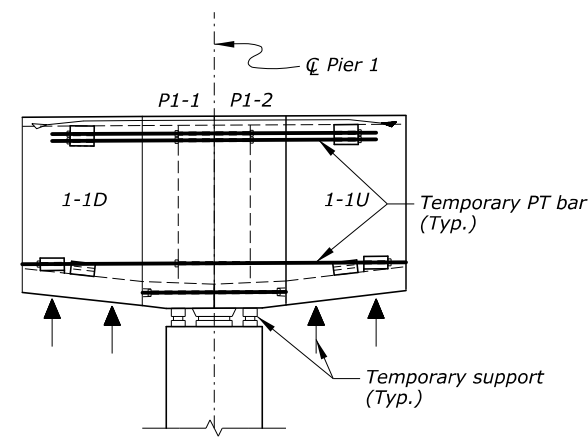
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CWN	CWN/BK	HC	Not to Scale	George Choubah	221 of 228	December 2018	BRP-1265

ACTUAL FILE: R2222\_BLR1\_I26\_CANTILEVER\_CONSTRUCTION\_SEQUENCE.DGN  
 M:\PROJECTS\STATE\_DOT\NC\brl\_I26\_nepa\Bridges\Microstation\Bridges Design Files\NO\_OP\PROJECTS.dgn  
 14-Dec-2018 12:23 PM

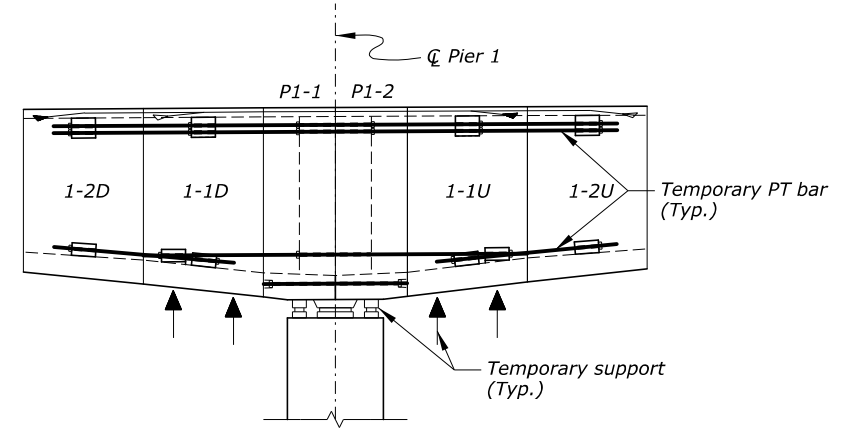
STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R222



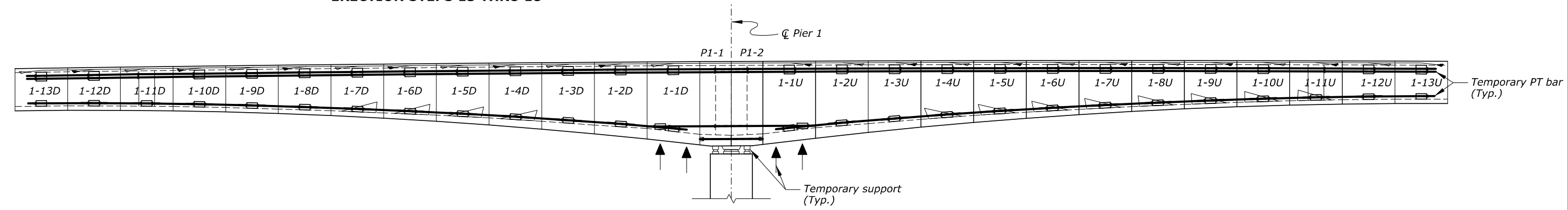
**ERECTION STEPS 1 THRU 8**



**ERECTION STEPS 9 THRU 12**



**ERECTION STEPS 13 THRU 18**



**ERECTION STEPS 19 THRU 27**

**CANTILEVER ERECTION PROCEDURE STEPS:**

- Erect temporary supports at Pier 1.
- Place permanent bearings on top of Pier 1, and temporarily lock bearing from movement.
- Erect and position first of two pier segments, stabilize the segment.
- Erect the second pier segment, position and stabilize the segment by crane.
- Apply epoxy in accordance with the contract documentation to both pier segments.
- Stress temporary PT bars in the top and permanent PT bars in the bottom to squeeze segments together. Release segment from crane.
- Lift by crane, position and stabilize segment 1-1U on temporary supports.
- Apply epoxy to the adjoining face of segments P1-2 and 1-1U. Stress temporary PT bars in the top and bottom of the segments.
- Lift by crane, position and stabilize 1-1D on temporary supports.
- Apply epoxy to the adjoining face of segments P1-1 and 1-1D. Stress temporary PT bars in the top and bottom of the segments.
- Stress permanent cantilever tendons T1.
- Set up erection equipment on pier table or continue erection procedure by crane.
- Lift by crane or other erection equipment and position segment 1-2U.
- Apply epoxy to the adjoining face of segments 1-1U and 1-2U. Stress temporary PT bars in the top and bottom of the segments.
- Lift by crane or other erection equipment and position segment 1-2D.
- Apply epoxy to the adjoining face of segments 1-1D and 1-2D, Stress temporary PT bars in the top and bottom of the segments.
- Stress permanent cantilever tendons T2.
- Stress permanent cantilever tendons T3.
- Set up erection equipment to their respective cantilever tip, or continue installation by crane.
- Lift upstation segment, after the correct position has been achieved, lock the segment in place.
- Apply epoxy to adjoining face of segments. Stress temporary PT bars in the top and bottom of segments.
- Lift downstation segment, after the correct position has been achieved, lock the segment in place.
- Apply epoxy to adjoining face of segments. Stress temporary PT bars in the top and bottom of segments.
- Stress permanent cantilever tendon.
- Repeat steps 19 to 24 for remaining segments.
- Temporary PT bars are to remain until Span 1 continuity tendons are stressed, unless noted otherwise on sheets "CONSTRUCTION SEQUENCE - 1" or "CONSTRUCTION SEQUENCE - 2".
- For Pier 2 cantilever, erect downstation segment and then erect upstation segment.

**PT Bar Notes:**

- Temporary PT bars anchored to the top slab erection PT blocks are assumed to be 1 3/8" Ø 150 ksi bars jacked to 170 kips or 108 ksi. Temporary PT bars anchored to the bottom slab erection PT blocks and pier erection PT blocks are assumed to be 1 3/8" Ø 150 ksi bars jacked to 118 kips or 75ksi.
- Permanent PT bars anchored in the bottom slab of segments P1-1 and P1-2, and P2-1 and P2-2 are assumed to be 1 3/8" Ø 150 ksi bars jacked to 118 kips or 75 ksi.
- PT bar stressing sequence will bring segments together uniformly. Stressing sequence of temporary PT bars to be submitted to the Engineer of Record for approval.
- Empty ducts will be grouted.

**Notes:**

- Grouting the plinth at the permanent bearings can occur at any time during the cantilever erection, prior to the construction of the closure joint. Contractor will submit to the Engineer of Record the means and methods of adjusting the alignment and elevation of the cantilever in accordance with the contract documentation.
- See "GENERAL NOTES" sheet, for assumed construction loads.
- Access openings in precast segments are to be installed in the bottom slab of segments A1-1U and A2-1D, as shown on the plans. No additional access openings are to be installed in other segments.
- Prevent damage to permanent bearings due to excessive rotation during construction.

U.S. DEPARTMENT OF TRANSPORTATION  
 FEDERAL HIGHWAY ADMINISTRATION  
 EASTERN FEDERAL LANDS HIGHWAY DIVISION  
  
**BLUE RIDGE PARKWAY**  
  
 BRIDGE OVER I-26  
  
**CANTILEVER CONSTRUCTION SEQUENCE**

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	No Scale	George Choubah	222 of 228	December 2018	BRP-1265

ACTUAL FILE: R223\_BLR1\_I26\_ABUTMENT BAR LIST.dgn

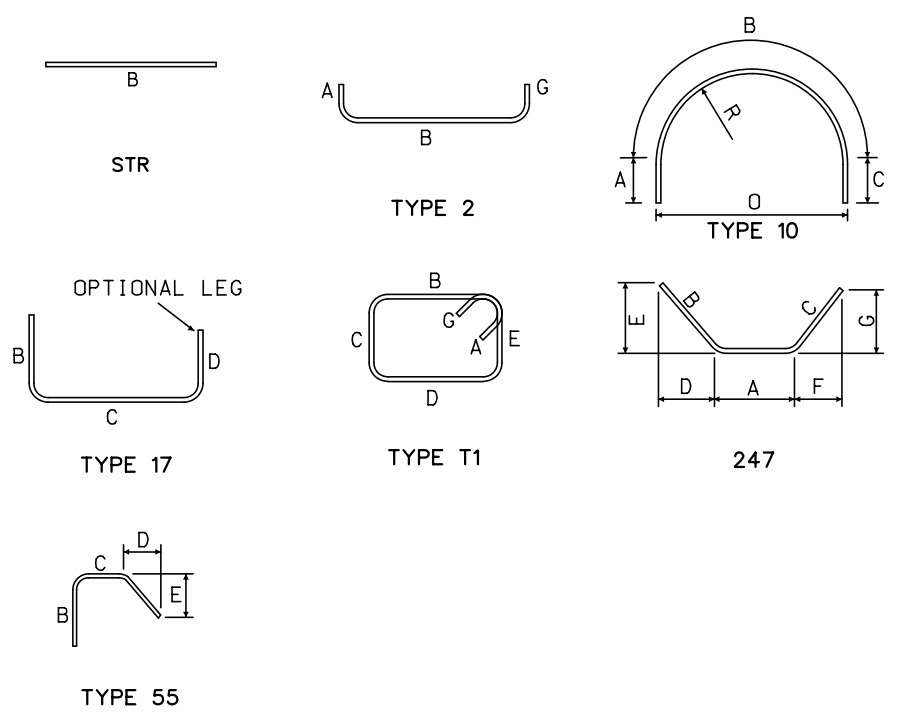
M:\PROJECTS\STATE\_DOT\NC\brl\_r26\_nepa\Bridges\Microstation\Bridges Design Files\NO\_PROJECTS.dgn 14-Dec-2018 12:23 PM

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R223

REINFORCING STEEL SCHEDULE	DIMENSION TABLE
----------------------------	-----------------

ABUTMENT 1 BAR LIST								A	B	C	D	E	F	G	H	J	K	O	R	V or N	
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT														
*5A1	5	55	0'-3 3/4"	Stirrups	37	6'-3 1/2"	243		2'-4"	0'-8 3/4"	2'-3 3/4"	2'-4"									
*5A2	5	17	0'-3 3/4"	Vert.	37	22'-9"	878		10'-10"	1'-1"	10'-10"										
*5A3	5	STR		Horiz.	20	36'-1"	753		36'-1"												
*5A4	5	STR		Trans. bot.	26	11'-9"	319		11'-9"												
*5A5	5	247	0'-3 3/4"	Horiz.	40	11'-8 1/2"	488	7'-9 1/4"	2'-0"	2'-0"	1'-5"	1'-5 1/4"	1'-5"	1'-5 1/4"							
*5A6	5	STR		Vert. n.f.	14	15'-5"	225		15'-5"												
*5A7	5	STR		Vert. f.f.	4	19'-8"	82		19'-8"												
*5A8	5	17	0'-3 3/4"	Stirrups	20	7'-2"	149		2'-0"	3'-2"	2'-0"										
*6A9	6	STR		Horiz. e.f.	2	17'-10 1/2"	54		17'-10 1/2"												
*6A10	6	STR		Horiz. e.f.	28	36'-1"	1518		36'-1"												
*7A11	7	TI	0'-5 5/16"	Stirrups	24	37'-10"	1856	0'-9"	10'-7"	7'-7"	10'-7"	7'-7"								0'-9"	
*7A12	7	TI	0'-5 5/16"	Stirrups	7	36'-0"	515	0'-9"	9'-8"	7'-7"	9'-8"	7'-7"								0'-9"	
*7A13	7	TI	0'-5 5/16"	Stirrups	24	36'-2"	1774	0'-9"	9'-9"	7'-7"	9'-9"	7'-7"								0'-9"	
*7A14	7	TI	0'-5 5/16"	Stirrups	7	34'-4"	491	0'-9"	8'-10"	7'-7"	8'-10"	7'-7"								0'-9"	
*8A15	8	2	0'-6 1/8"	Trans. top	22	20'-6 1/2"	1207	1'-4"	17'-10 1/2"											1'-4"	
*8A16	8	STR		Trans. bot.	14	44'-1"	1648		44'-1"												
*4A17	4	10		Stirrups	28	10'-10"	203	3'-8 1/2"	3'-4 3/4"	3'-8 1/2"									2'-2"	1'-1"	
*5A18	5	STR		Vert.	4	17'-6"	73		17'-6"												
*5A19	5	STR		Vert. f.f.	14	14'-4"	209		14'-4"												
*5A20	5	17	0'-3 3/4"	Vert. f.f.	62	5'-6"	356		2'-0"	2'-6"	1'-0"										
*5A21	5	247	0'-3 3/4"	Vert.	33	6'-10 1/2"	237	2'-10 3/4"	2'-0"	2'-0"	1'-5"	1'-5 1/4"	1'-4 1/2"	1'-5 3/4"							
SUBTOTAL								13277	LBS												

ABUTMENT 2 BAR LIST								A	B	C	D	E	F	G	H	J	K	O	R	V or N	
BAR MK	SIZE	TYPE	PIN SZ	LOCATION	QTY	LENGTH	WEIGHT														
*5A1	5	55	0'-3 3/4"	Stirrups	37	6'-3 1/2"	243		2'-4"	0'-8 3/4"	2'-3 3/4"	2'-4"									
*5A2	5	17	0'-3 3/4"	Vert.	37	22'-7 1/2"	873		10'-9 1/4"	1'-1"	10'-9 1/4"										
*5A3	5	STR		Horiz.	20	36'-1"	753		36'-1"												
*5A4	5	STR		Trans. bot.	26	11'-9"	319		11'-9"												
*5A5	5	247	0'-3 3/4"	Horiz.	40	11'-8 1/2"	488	7'-9 1/4"	2'-0"	2'-0"	1'-5"	1'-5 1/4"	1'-5"	1'-5 1/4"							
*5A6	5	STR		Vert. n.f.	14	15'-4"	224		15'-4"												
*5A7	5	STR		Vert. f.f.	4	19'-7"	82		19'-7"												
*5A8	5	17	0'-3 3/4"	Stirrups	20	7'-2"	149		2'-0"	3'-2"	2'-0"										
*6A9	6	STR		Horiz. e.f.	2	17'-10 1/2"	54		17'-10 1/2"												
*6A10	6	STR		Horiz. e.f.	28	36'-1"	1518		36'-1"												
*7A11	7	TI	0'-5 5/16"	Stirrups	24	37'-10"	1856	0'-9"	10'-7"	7'-7"	10'-7"	7'-7"								0'-9"	
*7A12	7	TI	0'-5 5/16"	Stirrups	7	36'-0"	515	0'-9"	9'-8"	7'-7"	9'-8"	7'-7"								0'-9"	
*7A13	7	TI	0'-5 5/16"	Stirrups	24	36'-2"	1774	0'-9"	9'-9"	7'-7"	9'-9"	7'-7"								0'-9"	
*7A14	7	TI	0'-5 5/16"	Stirrups	7	34'-4"	491	0'-9"	8'-10"	7'-7"	8'-10"	7'-7"								0'-9"	
*8A15	8	2	0'-6 1/8"	Trans. top	22	20'-6 1/2"	1207	1'-4"	17'-10 1/2"											1'-4"	
*8A16	8	STR		Trans. bot.	14	44'-1"	1648		44'-1"												
*4A17	4	10		Stirrups	28	10'-10"	203	3'-8 1/2"	3'-4 3/4"	3'-8 1/2"									2'-2"	1'-1"	
*5A18	5	STR		Vert.	4	17'-5 1/2"	73		17'-5 1/2"												
*5A19	5	STR		Vert. f.f.	14	13'-3"	193		13'-3"												
*5A20	5	17	0'-3 3/4"	Vert. f.f.	62	5'-6"	356		2'-0"	2'-6"	1'-0"										
*5A21	5	247	0'-3 3/4"	Vert.	33	6'-10 1/2"	237	2'-10 3/4"	2'-0"	2'-0"	1'-4 1/2"	1'-5 3/4"	1'-5"	1'-5 1/4"							
SUBTOTAL								13279	LBS												



U.S. DEPARTMENT OF TRANSPORTATION  
 FEDERAL HIGHWAY ADMINISTRATION  
 EASTERN FEDERAL LANDS HIGHWAY DIVISION  
  
 BLUE RIDGE PARKWAY  
  
 BRIDGE OVER I-26  
  
 ABUTMENT 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.
								LE	LE	CWN	No Scale	George Choubah	223 of 228	December 2018	BRP-1265

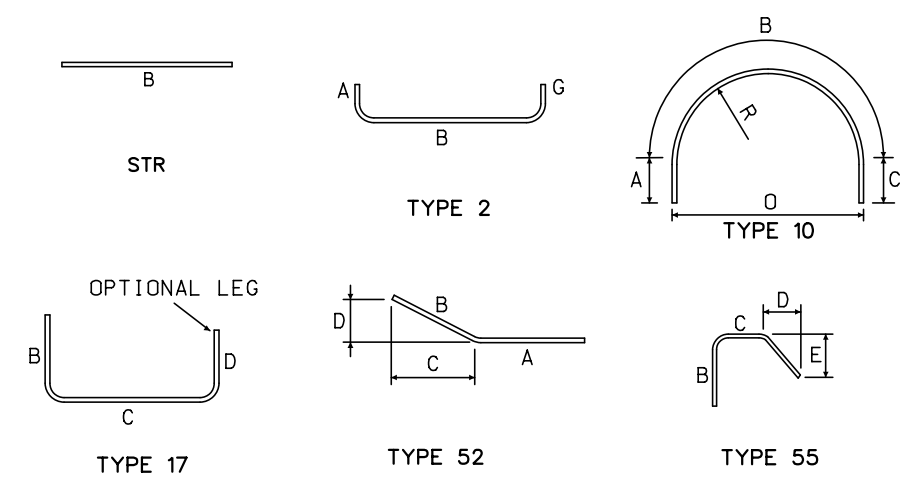
ACTUAL FILE: R224\_BLR1\_I26\_WINGWALL BAR LIST.dgn

M:\PROJECTS\STATE\_DOT\WC\brl\_I26\_nepa\Bridges\Microstation\Bridges Design Files\NO\_PROJECTS.dgn

14-Dec-2018 12:23 PM

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R224

REINFORCING STEEL SCHEDULE					DIMENSION TABLE																
WINGWALL A 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	
*5W1	5	STR		Horiz.	29	14'-8"	444		14'-8"												
*5W2	5	17	0'-3 3/4"	Horiz.	9	34'-3"	322		23'-11"	1'-5"	8'-11"										
*5W3	5	STR		Horiz. n.f.	10	22'-9"	237		22'-9"												
*8W4	8	STR		Horiz. top	53	11'-3"	1592		11'-3"												
*5W5	5	STR		Long. top	28	23'-11"	698		23'-11"												
*5W6	5	17	0'-3 3/4"	Vert. n.f.	23	20'-7 1/2"	495	0'-10"	19'-9 1/2"												
*8W7	8	52	0'-6 1/8"	Vert. f.f.	23	21'-1 1/2"	1297	19'-9 1/2"	1'-4"	0'-0 1/2"	1'-4"										
*5W8	5	55	0'-3 3/4"	Vert.	23	5'-3 1/2"	127		2'-0"	1'-3 3/4"	0'-1"	2'-0"									
*4W9	4	10		Stirrups	12	11'-10 1/2"	95	4'-2 3/4"	3'-4 3/4"	4'-2 3/4"								2'-2"	1'-1"		
*5W10	5	17	0'-3 3/4"	Vert. u-bar	32	8'-11"	298		4'-3"	0'-5"	4'-3"										
*5API	5	STR		Horiz.	8	15'-4"	128		15'-4"												
SUBTOTAL							5733	LBS													
WINGWALL B 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	
*5W1	5	STR		Horiz.	28	14'-8"	428		14'-8"												
*5W2	5	17	0'-3 3/4"	Horiz.	11	34'-3"	393		23'-11"	1'-5"	8'-11"										
*5W3	5	STR		Horiz. n.f.	11	22'-9"	261		22'-9"												
*8W4	8	STR		Horiz. top	53	11'-3"	1592		11'-3"												
*5W5	5	STR		Long. top	28	23'-11"	698		23'-11"												
*5W6	5	17	0'-3 3/4"	Vert. n.f.	23	21'-8"	520	0'-10"	20'-10"												
*8W7	8	52	0'-6 1/8"	Vert. f.f.	23	22'-1 1/2"	1359	20'-10"	1'-3 1/2"	0'-0 1/2"	1'-3 1/2"										
*5W8	5	55	0'-3 3/4"	Vert.	23	5'-3 1/2"	127		2'-0"	1'-3 3/4"	0'-1"	2'-0"									
*4W9	4	10		Stirrups	12	11'-10 1/2"	95	4'-2 3/4"	3'-4 3/4"	4'-2 3/4"								2'-2"	1'-1"		
*5W10	5	17	0'-3 3/4"	Vert. u-bar	32	8'-11"	298		4'-3"	0'-5"	4'-3"										
*5API	5	STR		Horiz.	8	15'-4"	128		15'-4"												
SUBTOTAL							5899	LBS													
WINGWALL C 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	
*5W1	5	STR		Horiz.	29	14'-8"	444		14'-8"												
*5W2	5	17	0'-3 3/4"	Horiz.	9	34'-3"	322		23'-11"	1'-5"	8'-11"										
*5W3	5	STR		Horiz. n.f.	10	22'-9"	237		22'-9"												
*8W4	8	STR		Horiz. top	53	11'-3"	1592		11'-3"												
*5W5	5	STR		Long. top	28	23'-11"	698		23'-11"												
*5W6	5	17	0'-3 3/4"	Vert. n.f.	23	20'-7 1/2"	495	0'-10"	19'-9 1/2"												
*8W7	8	52	0'-6 1/8"	Vert. f.f.	23	21'-1 1/2"	1297	19'-9 1/2"	1'-4"	0'-0 1/2"	1'-4"										
*5W8	5	55	0'-3 3/4"	Vert.	23	5'-3 1/2"	127		2'-0"	1'-3 3/4"	0'-1"	2'-0"									
*4W9	4	10		Stirrups	12	11'-10 1/2"	95	4'-2 3/4"	3'-4 3/4"	4'-2 3/4"								2'-2"	1'-1"		
*5W10	5	17	0'-3 3/4"	Vert. u-bar	32	8'-11"	298		4'-3"	0'-5"	4'-3"										
*5API	5	STR		Horiz.	8	15'-4"	128		15'-4"												
SUBTOTAL							5733	LBS													
WINGWALL D 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	
*5W1	5	STR		Horiz.	30	14'-8"	459		14'-8"												
*5W2	5	17	0'-3 3/4"	Horiz.	11	34'-3"	393		23'-11"	1'-5"	8'-11"										
*5W3	5	STR		Horiz. n.f.	11	22'-9"	261		22'-9"												
*8W4	8	STR		Horiz. top	53	11'-3"	1592		11'-3"												
*5W5	5	STR		Long. top	28	23'-11"	698		23'-11"												
*5W6	5	17	0'-3 3/4"	Vert. n.f.	23	21'-8"	520	0'-10"	20'-10"												
*8W7	8	52	0'-6 1/8"	Vert. f.f.	23	22'-1 1/2"	1359	20'-10"	1'-3 1/2"	0'-0 1/2"	1'-3 1/2"										
*5W8	5	55	0'-3 3/4"	Vert.	23	5'-3 1/2"	127		2'-0"	1'-3 3/4"	0'-1"	2'-0"									
*4W9	4	10		Stirrups	12	11'-10 1/2"	95	4'-2 3/4"	3'-4 3/4"	4'-2 3/4"								2'-2"	1'-1"		
*5W10	5	17	0'-3 3/4"	Vert. u-bar	32	8'-11"	298		4'-3"	0'-5"	4'-3"										
*5API	5	STR		Horiz.	8	15'-4"	128		15'-4"												
SUBTOTAL							5899	LBS													



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

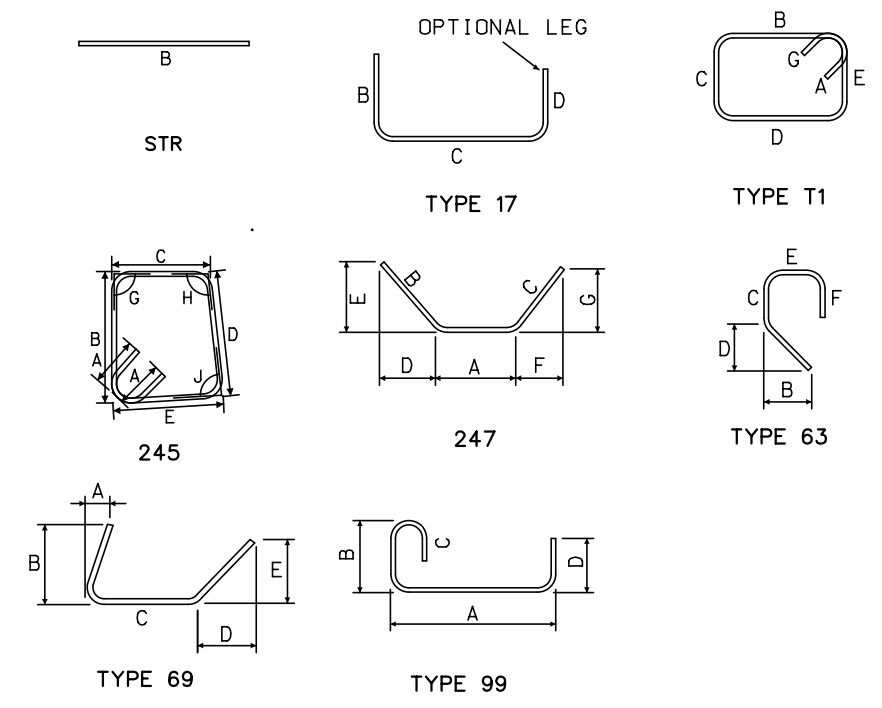
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								LE	LE	CWN	No scale	George Choubah	224 of 228	December 2018	BRP-1265

ACTUAL FILE:R225\_BLR\_I26\_BRIDGE RAILING & SIDEWALK BAR LIST.dgn

M:\PROJECTS\STATE\_DOT\NC\brl\_126\_nepa\Bridges\Microstation\Bridg Design Files\NO\_OP\PROJECT.s.dgn

14-Dec-2018 12:23 PM

REINFORCING STEEL SCHEDULE				DIMENSION TABLE																		
BRIDGE RAILING & SIDEWALK 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		
*5RE1	5	STR		Longitudinal	319	Varies 51'-7 3/4" to 56'-11"	18230		Varies 51'-7 3/4" to 56'-11"													
*6RE2	6	STR		Longitudinal	132	Varies 51'-7 3/4" to 56'-11"	10863		Varies 51'-7 3/4" to 56'-11"													
*8RE3	8	STR		Longitudinal	44	Varies 51'-7 3/4" to 56'-11"	6437		Varies 51'-7 3/4" to 56'-11"													
*6RE4	6	99	0'-4 1/2"	Stirrups	1080	4'-6 1/2"	7367	0'-10 1/2"	2'-3 1/4"	0'-5 3/4"	0'-5"											
*6RE5	6	63	0'-4 1/2"	Stirrups	1080	3'-5 1/2"	5610		0'-4 1/4"	0'-5 3/4"	1'-8"	0'-10 1/2"	0'-5"									
*4RE6	4	TI	0'-1 5/16"	Stirrups	3630	4'-1"	9901	0'-4 1/2"	0'-10"	0'-10"	0'-10"	0'-10"	0'-10"								0'-4 1/2"	
*5RE7	5	247	0'-3 3/4"	Vert.	300	7'-3"	2269	1'-3"	3'-0"	3'-0"	2'-11 3/4"	0'-4 3/4"	2'-11 3/4"	0'-4 3/4"								
*4RE8	4	TI	0'-1 5/16"	Ties	216 sets of 6 at 0'-1" Incr.	4'-9"	3739	0'-4 1/2"	1'-1"	0'-11"	1'-1"	0'-11"									0'-4 1/2"	
*4RE9	4	17	0'-3 1/8"	Vert.	1212	4'-4"	3508		1'-11"	0'-6 3/4"	1'-10 1/4"											
*5RE10	5	17	0'-3 3/4"	Vert.	598	3'-7 1/2"	2261		1'-3 3/4"	1'-0"	1'-3 3/4"											
*5RE11	5	17	0'-3 3/4"	Vert.	612	6'-4"	4043		2'-8"	1'-0"	2'-8"											
*4RE12	4	17	0'-3 1/8"	Horiz.	132	3'-2"	279		1'-3"	0'-8"	1'-3"											
*5SWE1	5	STR		Longitudinal	77	Varies 52'-10" to 56'-11"	4337		Varies 52'-10" to 56'-11"													
*6SWE2	6	STR		Longitudinal	22	Varies 52'-10" to 56'-11"	1784		Varies 52'-10" to 56'-11"													
*5SWE3	5	69	0'-3 3/4"	Horiz.	460	8'-1 1/2"	3898	0'-0 3/4"	1'-1"	6'-5 1/4"	0'-1 1/4"	0'-7"										
*6SWE4	6	245	0'-4 1/2"	Stirrups	918	7'-4"	10111	0'-7 1/2"	1'-8 1/2"	1'-3 1/2"	1'-7 3/4"	1'-5 1/4"			90°	96°	87°					
SUBTOTAL							94856 LBS															



STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R225

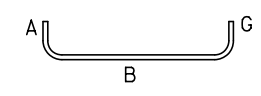
U.S. DEPARTMENT OF TRANSPORTATION  
 FEDERAL HIGHWAY ADMINISTRATION  
 EASTERN FEDERAL LANDS HIGHWAY DIVISION  
 BLUE RIDGE PARKWAY  
 BRIDGE OVER I-26  
 BRIDGE RAILING & SIDEWALK BAR LIST

NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								CWN	LE	CC	No Scale	George Choubah	225 of 228	December 2018	BRP-1265

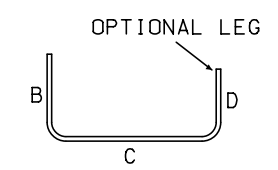
13-Mar-2019 04:23 PM M:\PROJECTS\STATE\_DOT\NC\brl\_126\_nepa\Bridges\Microstation\Bridges Design Files\NO\_PROJECTS.dgn  
 ACTUAL FILE: R226\_BLR1\_I26\_PIER FOOTING BAR LIST.dgn

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R226

REINFORCING STEEL SCHEDULE				DIMENSION TABLE																	
PIER 1 FOOTING 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	
*9PF1	9	2	0'-9 <sup>7</sup> / <sub>16</sub> "		32	26'-8"	2901	1'-7"	23'-6"					1'-7"							
*9PF2	9	2	0'-9 <sup>7</sup> / <sub>16</sub> "		47	18'-8"	2983	1'-7"	15'-6"					1'-7"							
*7PF3	7	17	0'-5 <sup>5</sup> / <sub>16</sub> "	Horiz.	17	32'-4"	1124		4'-5"	23'-6"	4'-5"										
*7PF4	7	17	0'-5 <sup>5</sup> / <sub>16</sub> "	Horiz.	25	24'-4"	1243		4'-5"	15'-6"	4'-5"										
*7PF5	7	2	0'-5 <sup>5</sup> / <sub>16</sub> "	Horiz.	12	25'-10"	634	1'-2"	23'-6"					1'-2"							
*7PF6	7	2	0'-5 <sup>5</sup> / <sub>16</sub> "	Horiz.	12	17'-10"	437	1'-2"	15'-6"					1'-2"							
*5PF7	5	17	0'-3 <sup>3</sup> / <sub>4</sub> "	Stirrups	66	3'-10"	264		1'-5"	1'-0"	1'-5"										
SUBTOTAL							9586	LBS													
PIER 2 FOOTING 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	
*9PF1	9	2	0'-9 <sup>7</sup> / <sub>16</sub> "		32	26'-8"	2901	1'-7"	23'-6"					1'-7"							
*9PF2	9	2	0'-9 <sup>7</sup> / <sub>16</sub> "		47	18'-8"	2983	1'-7"	15'-6"					1'-7"							
*7PF3	7	17	0'-5 <sup>5</sup> / <sub>16</sub> "	Horiz.	17	32'-4"	1124		4'-5"	23'-6"	4'-5"										
*7PF4	7	17	0'-5 <sup>5</sup> / <sub>16</sub> "	Horiz.	25	24'-4"	1243		4'-5"	15'-6"	4'-5"										
*7PF5	7	2	0'-5 <sup>5</sup> / <sub>16</sub> "	Horiz.	12	25'-10"	634	1'-2"	23'-6"					1'-2"							
*7PF6	7	2	0'-5 <sup>5</sup> / <sub>16</sub> "	Horiz.	12	17'-10"	437	1'-2"	15'-6"					1'-2"							
*5PF7	5	17	0'-3 <sup>3</sup> / <sub>4</sub> "	Stirrups	116	3'-10"	464		1'-5"	1'-0"	1'-5"										
SUBTOTAL							9786	LBS													



TYPE 2



TYPE 17

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

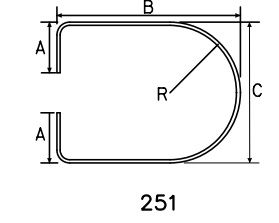
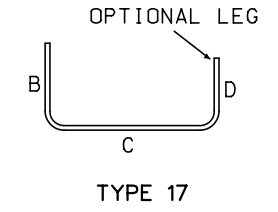
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								HC	LE	LE	No Scale	George Choubah	226 of 228	March 2019	BRP-1265

ACTUAL FILE:R227\_BLR1\_I26\_BEARING PEDESTAL BAR LIST.dgn

M:\PROJECTS\STATE\_DOT\NC\brl\_I26\_nepa\Bridges\Microstation\Bridg Design Files\NO\_PROJECTS.dgn

14-Dec-2018 12:23 PM

REINFORCING STEEL SCHEDULE				DIMENSION TABLE																	
BEARING PEDESTAL 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	
*5B1	5	17	0'-3 3/4"	Horiz.	16	11'-4"	189		2'-0"	7'-4"	2'-0"										
*5B2	5	17	0'-3 3/4"	Horiz.	4	11'-1"	46		2'-0"	7'-1"	2'-0"										
*5B3	5	17	0'-3 3/4"	Horiz.	4	10'-7"	44		2'-0"	6'-7"	2'-0"										
*5B4	5	17	0'-3 3/4"	Horiz.	4	9'-9 1/2"	41		2'-0"	5'-9 1/2"	2'-0"										
*5B5	5	17	0'-3 3/4"	Horiz.	4	8'-6"	35		2'-0"	4'-6"	2'-0"										
*5B6	5	17	0'-3 3/4"	Horiz.	8	10'-1"	84		2'-0"	6'-1"	2'-0"										
*5B7	5	17	0'-3 3/4"	Horiz.	8	10'-0"	83		2'-0"	5'-11 3/4"	2'-0"										
*5B8	5	17	0'-3 3/4"	Horiz.	8	9'-9"	81		2'-0"	5'-8 3/4"	2'-0"										
*5B9	5	17	0'-3 3/4"	Horiz.	8	9'-4"	78		2'-0"	5'-3 3/4"	2'-0"										
*5B10	5	17	0'-3 3/4"	Horiz.	8	8'-8"	72		2'-0"	4'-8"	2'-0"										
*5B11	5	251	0'-3 3/4"	Horiz.	4	28'-9 1/2"	120	4'-9 1/2"	6'-0"	7'-2 3/4"											3'-6 3/4"
SUBTOTAL							875	LBS													



STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	R227

U.S. DEPARTMENT OF TRANSPORTATION  
 FEDERAL HIGHWAY ADMINISTRATION  
 EASTERN FEDERAL LANDS HIGHWAY DIVISION  
  
 BLUE RIDGE PARKWAY  
  
 BRIDGE OVER I-26  
  
**BEARING PEDESTAL BAR LIST**

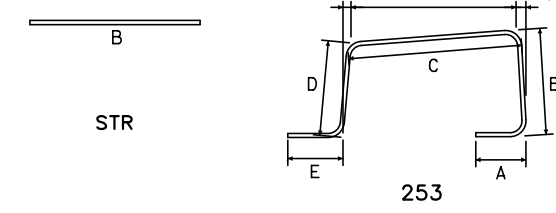
NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE PLAN SHEET	DATE	BRP NO.
								HC	LE	LE	No Scale	George Choubah	227 of 228	December 2018	BRP-1265

ACTUAL FILE:R228\_BLR\_I26\_APPROACH SIDEWALK BAR LIST.DGN

M:\PROJECTS\STATE\_DOT\NC\brl\_126\_nepa\bridge\microstation\bridge Design Files\0\_PROJECTS.dgn

14-Dec-2018 12:23 PM

REINFORCING STEEL SCHEDULE				DIMENSION TABLE																	
APPROACH SIDEWALK 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	
*5ATE1	5	STR			12	14'-8"	184		14'-8"												
*5ATE2	5	253	0'-3 3/4"		30	9'-11"	310	0'-10"	2'-0 1/4"	4'-6 3/4"	1'-8 1/4"	0'-10"	0'-1 1/4"	4'-6 1/2"	0'-1 1/4"						
SUBTOTAL							494 LBS														

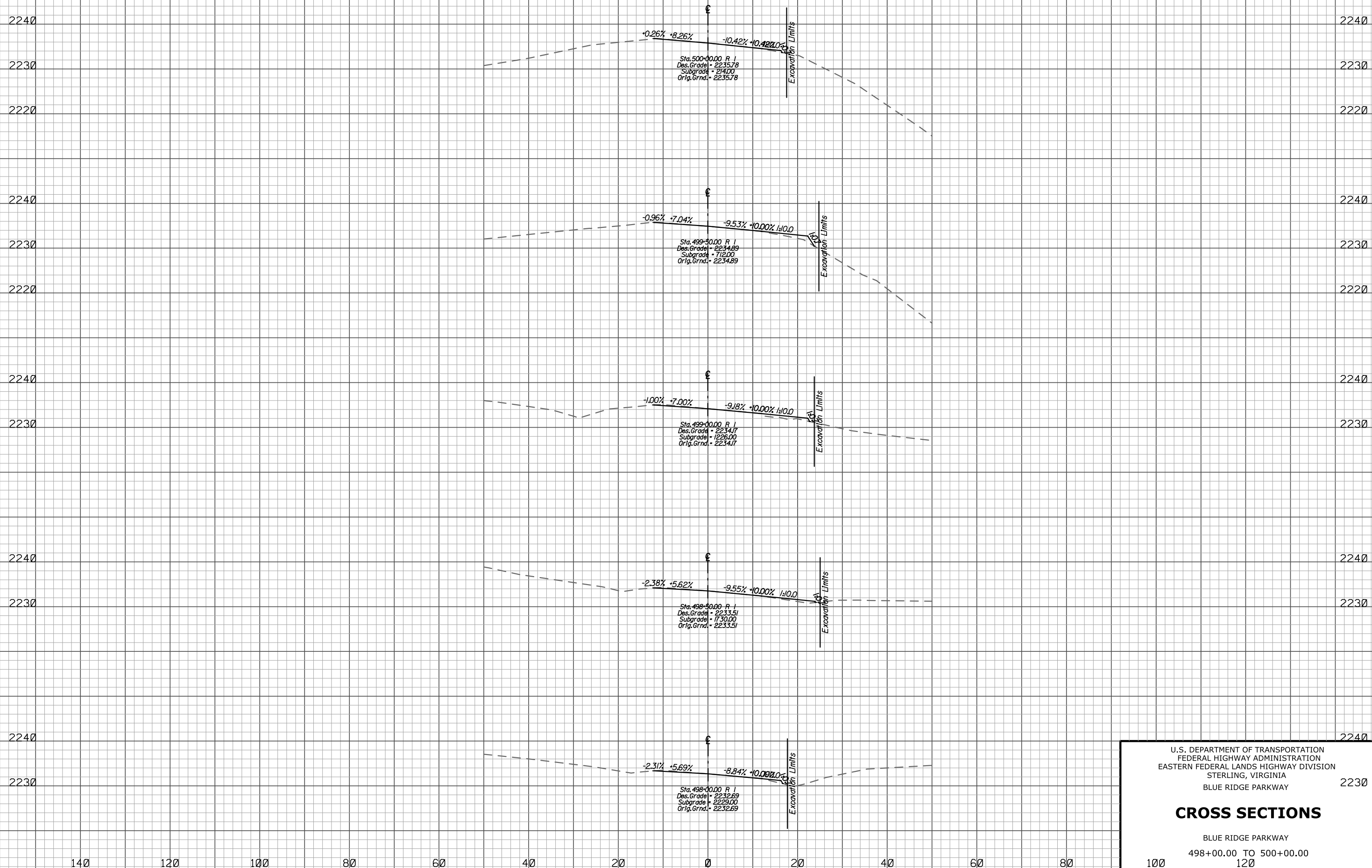


U.S. DEPARTMENT OF TRANSPORTATION  
 FEDERAL HIGHWAY ADMINISTRATION  
 EASTERN FEDERAL LANDS HIGHWAY DIVISION  
 BLUE RIDGE PARKWAY  
 BRIDGE OVER I-26  
 APPROACH SIDEWALK BAR LIST

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	CWN	No Scale	George Choubah	228 of 228	December 2018	BRP-1265



STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	T1



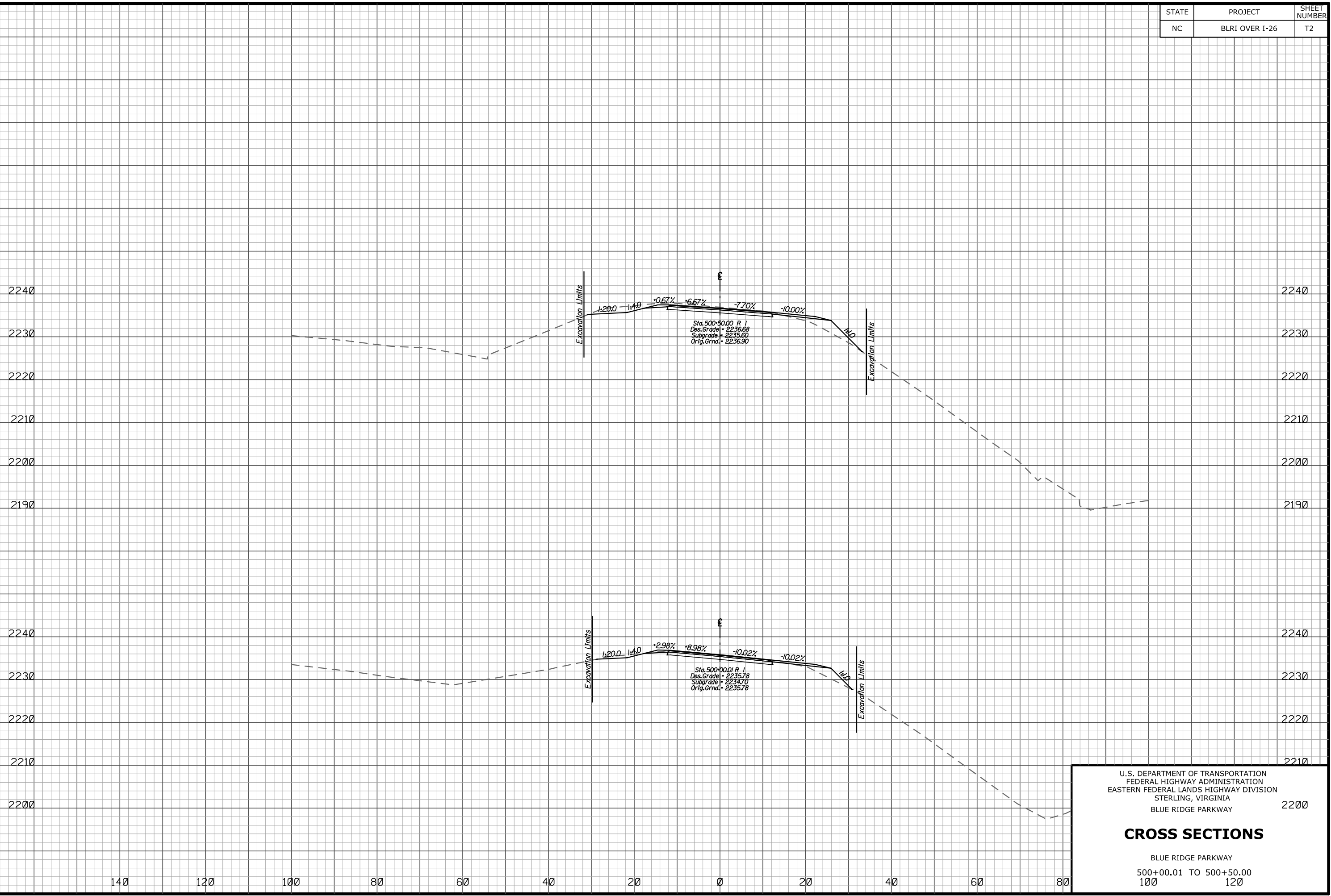
13-Mar-2019 12:49 PM \\fhf115f1\eserve\fhf\hvac\dot\gov\data\proj\proj\STATE\_DOT\NC\blri\26\_nepa\proj\Dev\CAD\From\_Eng\_Support\As\_Requested\_3\_2017\T01-BLRI\_L26\_exs\_498+00-500+00.dgn

U.S. DEPARTMENT OF TRANSPORTATION  
 FEDERAL HIGHWAY ADMINISTRATION  
 EASTERN FEDERAL LANDS HIGHWAY DIVISION  
 STERLING, VIRGINIA  
 BLUE RIDGE PARKWAY

**CROSS SECTIONS**

BLUE RIDGE PARKWAY  
 498+00.00 TO 500+00.00  
 120

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	T2



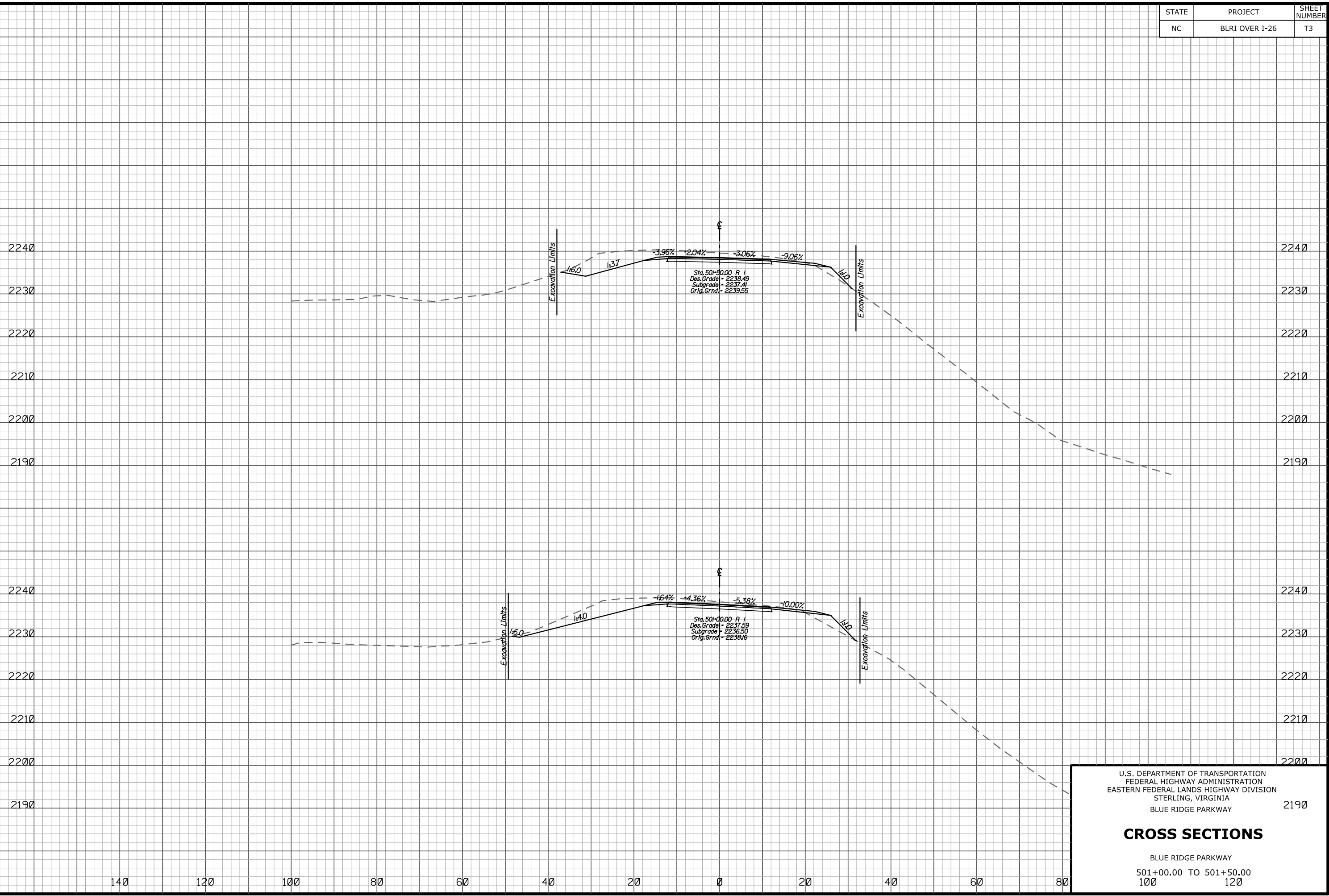
U.S. DEPARTMENT OF TRANSPORTATION  
 FEDERAL HIGHWAY ADMINISTRATION  
 EASTERN FEDERAL LANDS HIGHWAY DIVISION  
 STERLING, VIRGINIA  
 BLUE RIDGE PARKWAY 2200

**CROSS SECTIONS**

BLUE RIDGE PARKWAY  
 500+00.01 TO 500+50.00  
 100 120

13-Mar-2019 12:49 PM \\fhf115f1\reserv\fhf\hvac\dot\gov\data\projects\STATE\_DOT\NC\blri\_126\_nepa\proj\_dev\CADD\From\_Eng\_Support\As\_Requested\_3\_2017\T-BLRI\_126\_NEPA\_E.xsdgn

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	T3



U.S. DEPARTMENT OF TRANSPORTATION  
 FEDERAL HIGHWAY ADMINISTRATION  
 EASTERN FEDERAL LANDS HIGHWAY DIVISION  
 STERLING, VIRGINIA  
 BLUE RIDGE PARKWAY 2190

**CROSS SECTIONS**

BLUE RIDGE PARKWAY  
 501+00.00 TO 501+50.00  
 100 120

13-Mar-2019 12:49 PM \\fhf115f1\eserve\fhf\hvac\dot\gov\data\projects\STATE\_DOT\NC\blri\26\_nepa\proj\_dev\CADD\From\_Eng\_Support\As\_Requested\_3\_2017\BLRI\_126\_NEPA\_E.xsdgn

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	T4



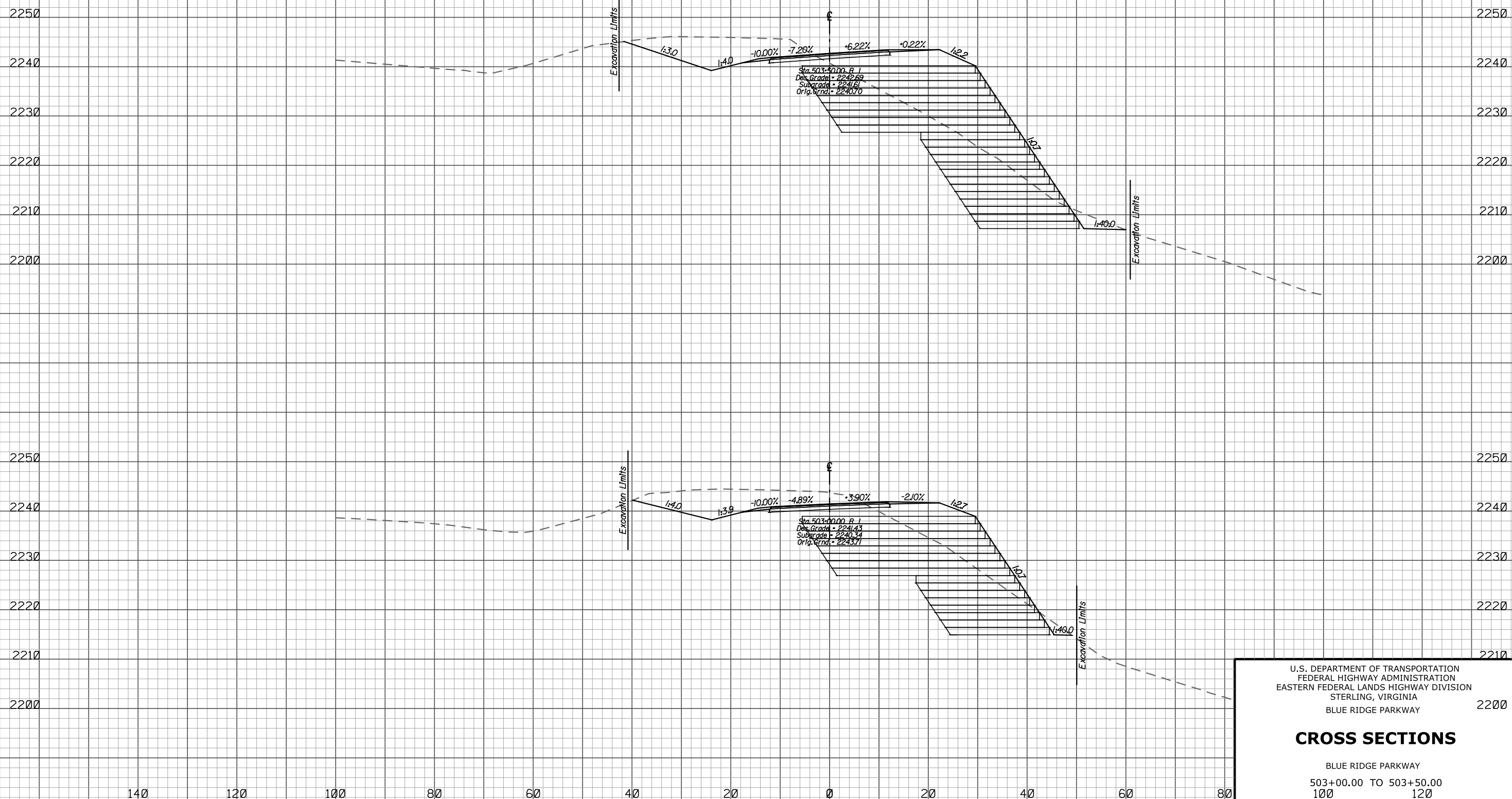
U.S. DEPARTMENT OF TRANSPORTATION  
 FEDERAL HIGHWAY ADMINISTRATION  
 EASTERN FEDERAL LANDS HIGHWAY DIVISION  
 STERLING, VIRGINIA  
 BLUE RIDGE PARKWAY 2200

**CROSS SECTIONS**

BLUE RIDGE PARKWAY  
 502+00.00 TO 502+50.00  
 100 120

13-Mar-2019 12:49 PM \\fhf115f1\eserve\fhf\hvac\dot\gov\data\projects\STATE\_DOT\NC\blri\_126\_nepa\proj\_dev\cad\vd\from\_eng\_support\as\_requested\_3\_2017\T-BLRI\_126\_NEPA\_Ex.sxdgn

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	T5



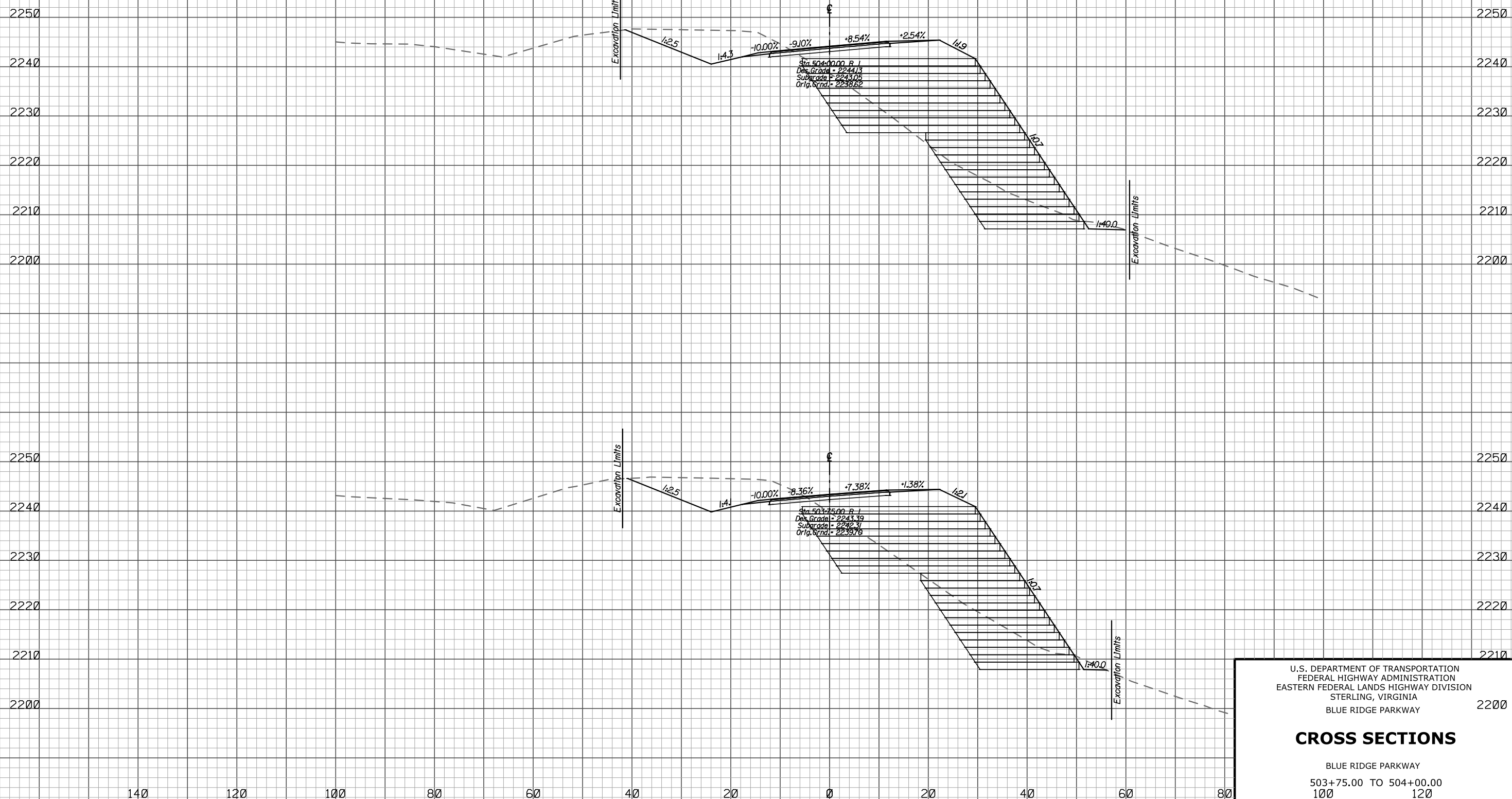
U.S. DEPARTMENT OF TRANSPORTATION  
 FEDERAL HIGHWAY ADMINISTRATION  
 EASTERN FEDERAL LANDS HIGHWAY DIVISION  
 STERLING, VIRGINIA  
 BLUE RIDGE PARKWAY

**CROSS SECTIONS**

BLUE RIDGE PARKWAY  
 503+00.00 TO 503+50.00  
 100 120

13-Mar-2019 12:49 PM \\fhf115f1ieserve\fhf\hvacadot\proj\PROJECTS\STATE\_DOT\NC\blri\_126\_nepa\proj\_dev\CADD\From\_Eng\_Support\As\_Requested\_3\_2017\BLRI\_126\_NE\PA\_E.xsdgn

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	T6



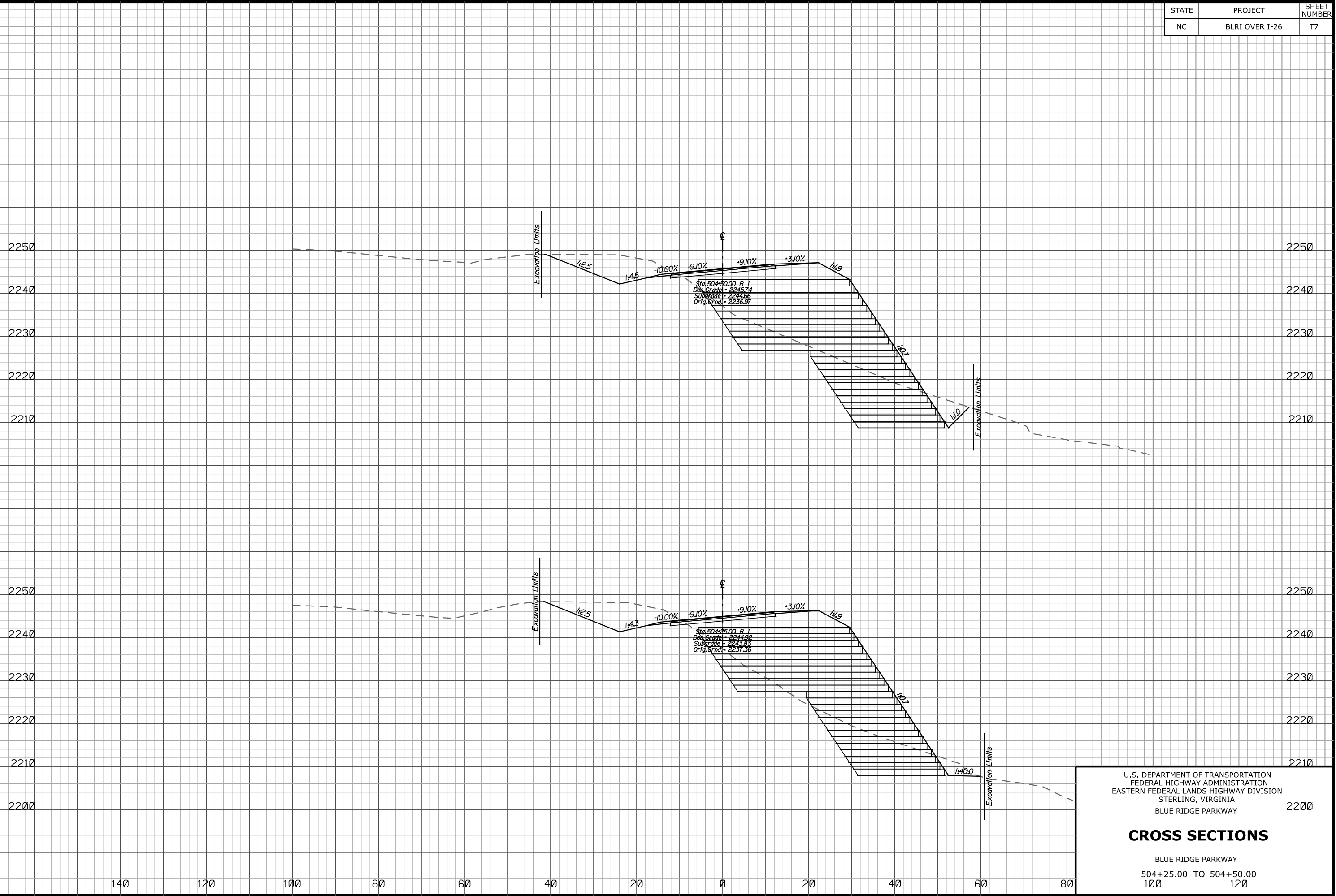
U.S. DEPARTMENT OF TRANSPORTATION  
 FEDERAL HIGHWAY ADMINISTRATION  
 EASTERN FEDERAL LANDS HIGHWAY DIVISION  
 STERLING, VIRGINIA  
 BLUE RIDGE PARKWAY 2200

**CROSS SECTIONS**

BLUE RIDGE PARKWAY  
 503+75.00 TO 504+00.00  
 100 120

13-Mar-2019 12:49 PM \\fhf115f11eserve\fhf\hvacadot\proj\PROJECTS\STATE\_DOT\NC\blri\26\_nepa\proj\Dev\CADD\From\_Eng\_Support\As\_Requested\_3\_2017\BLRI\_126\_NEPA\_E.xsdgn

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	T7



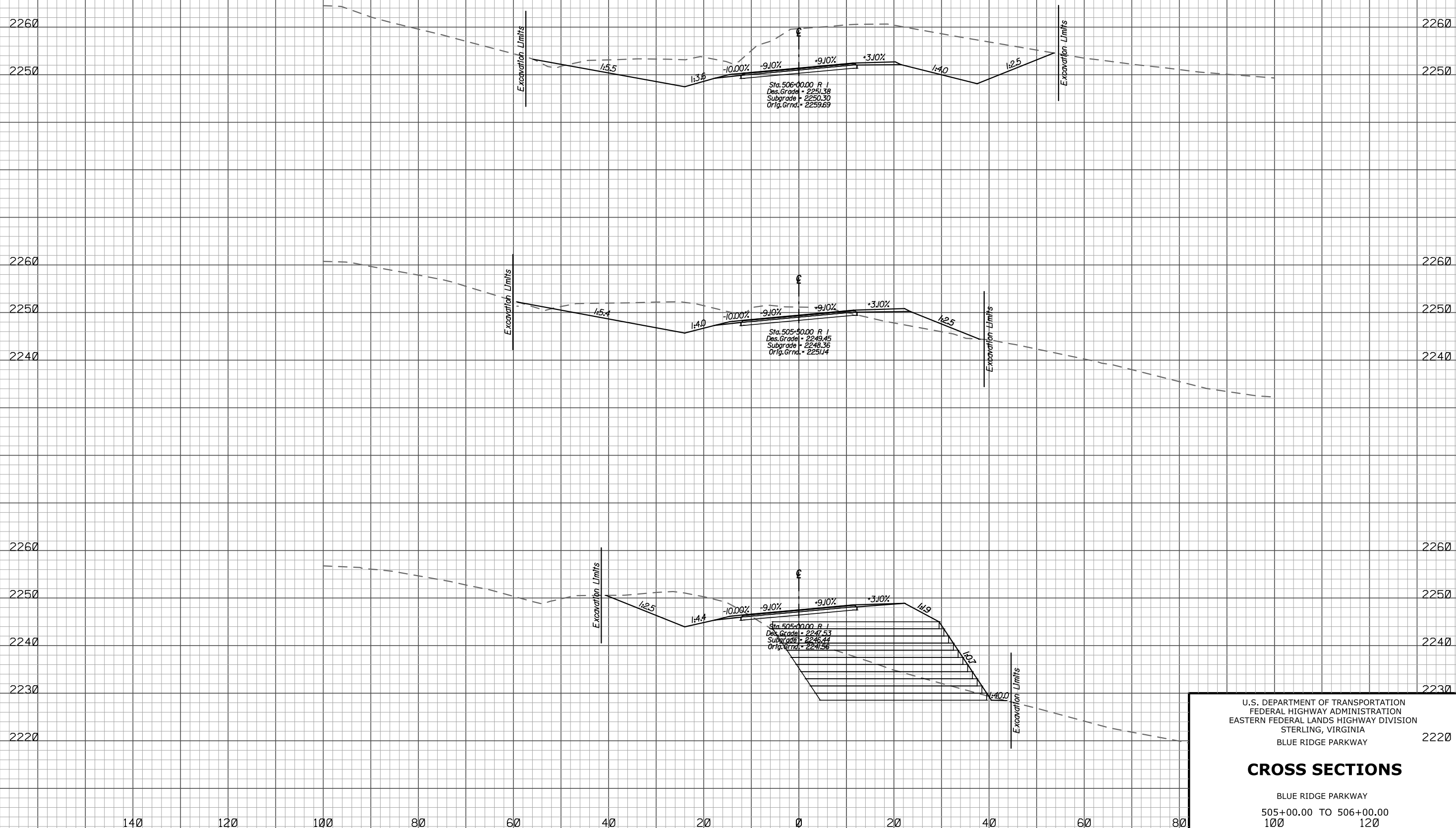
U.S. DEPARTMENT OF TRANSPORTATION  
 FEDERAL HIGHWAY ADMINISTRATION  
 EASTERN FEDERAL LANDS HIGHWAY DIVISION  
 STERLING, VIRGINIA  
 BLUE RIDGE PARKWAY

**CROSS SECTIONS**

BLUE RIDGE PARKWAY  
 504+25.00 TO 504+50.00  
 100 120

13-Mar-2019 12:49 PM \\fhf115f1\reservet\hdf\hvacadot\proj\PROJECTS\STATE\_DOT\NC\blri\26\_nepa\proj\Dev\CADD\From\_Eng\_Support\As\_Requested\_3\_2017\BLRI\_126\_NE\PA\_E.xsdgn

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	T8



U.S. DEPARTMENT OF TRANSPORTATION  
 FEDERAL HIGHWAY ADMINISTRATION  
 EASTERN FEDERAL LANDS HIGHWAY DIVISION  
 STERLING, VIRGINIA  
 BLUE RIDGE PARKWAY

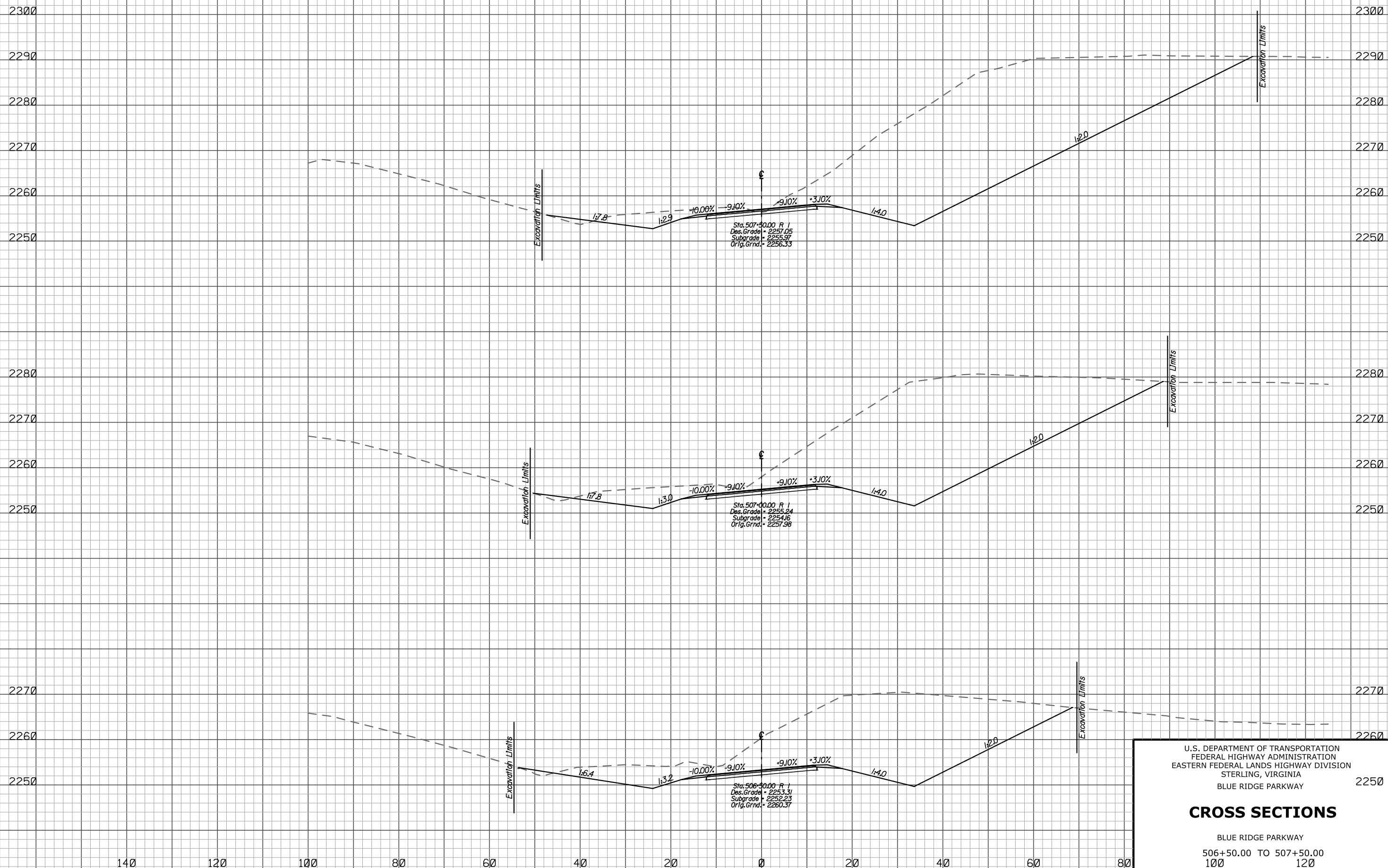
**CROSS SECTIONS**

BLUE RIDGE PARKWAY  
 505+00.00 TO 506+00.00  
 100 120

13-Mar-2019 12:49 PM \\fhf115f11eserve1\hdf\wacdot\proj\PROJECTS\STATE\_DOT\NC\blri\_126\_nepa\proj\_dev\CADD\From\_Eng\_Support\As\_Requested\_3\_2017\BLRI\_126\_NEPA\_E.xsdgn



STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	T9



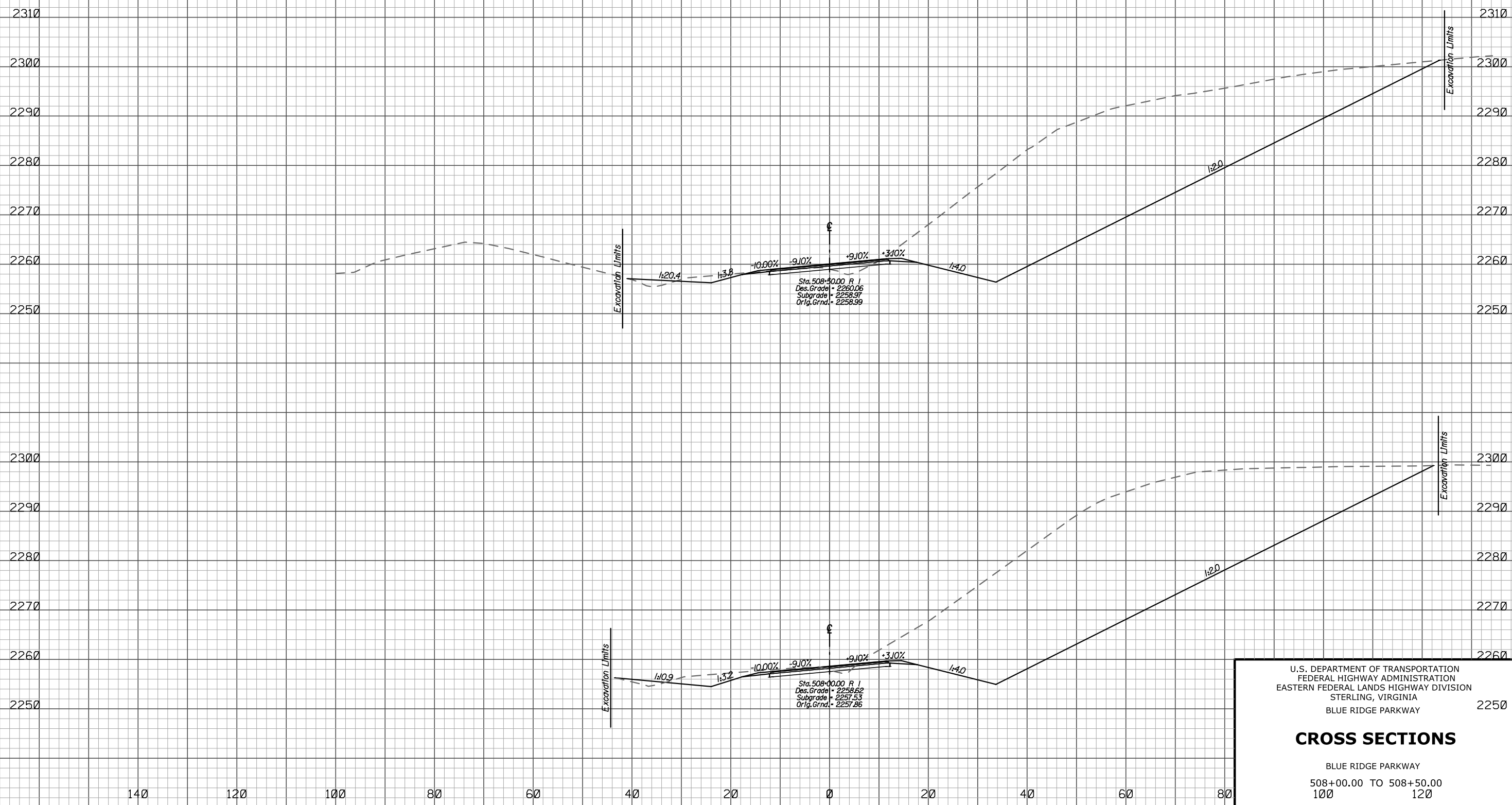
13-Mar-2019 12:49 PM \\fhf115f1\eserve\fhf\hwa\dot\gov\data\projects\state\_dot\nc\blri\_126\_nepa\proj\dev\cadd\from\_eng\_support\as\_requested\_3\_2017\blri\_126\_nepa\_ex.sgn

U.S. DEPARTMENT OF TRANSPORTATION  
 FEDERAL HIGHWAY ADMINISTRATION  
 EASTERN FEDERAL LANDS HIGHWAY DIVISION  
 STERLING, VIRGINIA  
 BLUE RIDGE PARKWAY 2250

**CROSS SECTIONS**  
 BLUE RIDGE PARKWAY  
 506+50.00 TO 507+50.00  
 100 120

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	T10

13-Mar-2019 12:49 PM \\fhf115f1\eserve\fhf\hvacadot\proj\PROJECTS\STATE\_DOT\NC\blri\126\_nepa\proj\Dev\CADD\Fom\_Eng\_Support\As\_Requested\_3\_2017\BLRI\_126\_NEPA\_E.xsdgn



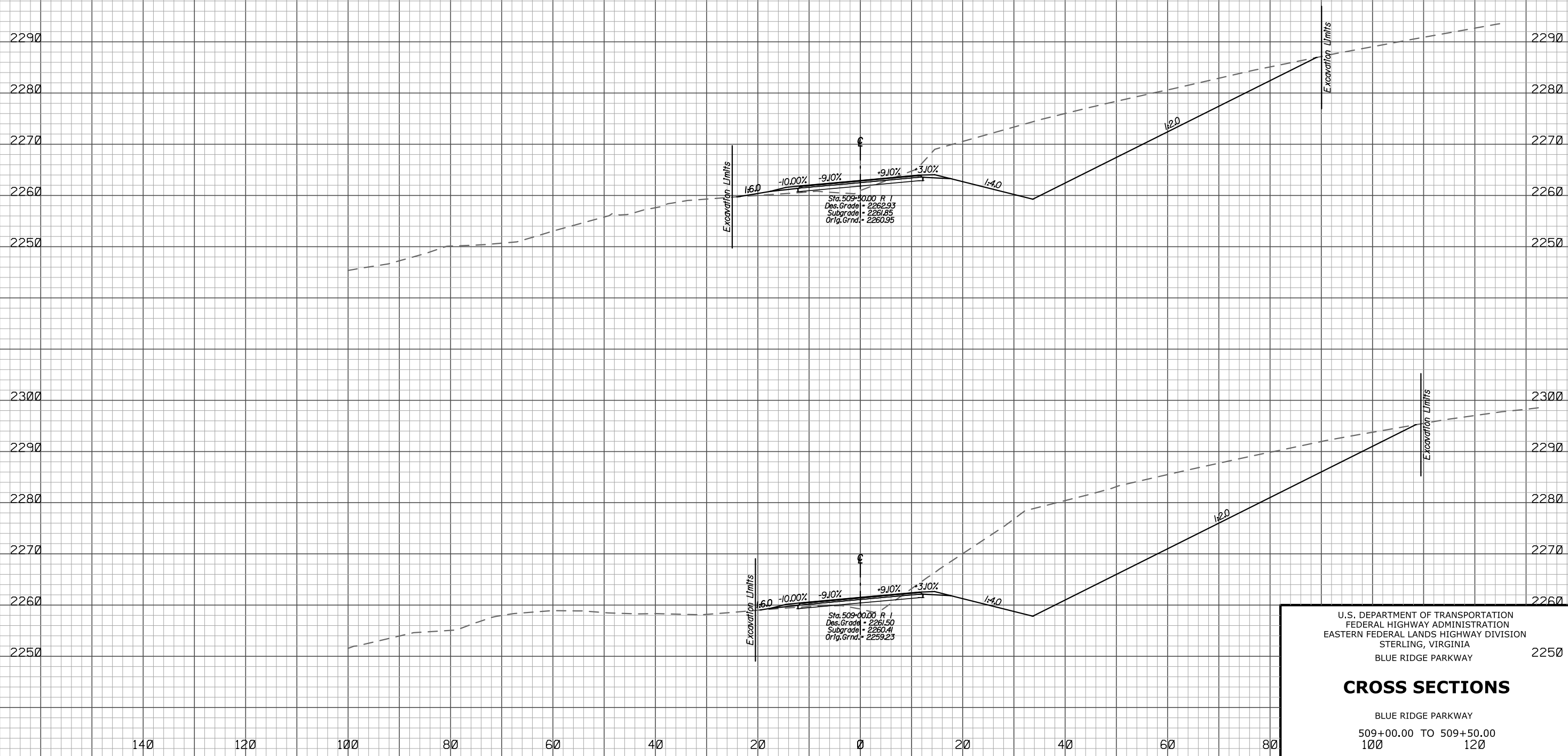
U.S. DEPARTMENT OF TRANSPORTATION  
 FEDERAL HIGHWAY ADMINISTRATION  
 EASTERN FEDERAL LANDS HIGHWAY DIVISION  
 STERLING, VIRGINIA  
 BLUE RIDGE PARKWAY 2250

**CROSS SECTIONS**

BLUE RIDGE PARKWAY  
 508+00.00 TO 508+50.00  
 100 120

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	T11

13-Mar-2019 12:49 PM \\fhf115f1ieserve\fhf\hvac\dot\gov\data\projects\STATE\_DOT\NC\blri\_126\_nepa\proj\_dev\CADD\From\_Eng\_Support\As\_Requested\_3\_2017\BLRI\_126\_NEPA\_E.xsdgn



U.S. DEPARTMENT OF TRANSPORTATION  
 FEDERAL HIGHWAY ADMINISTRATION  
 EASTERN FEDERAL LANDS HIGHWAY DIVISION  
 STERLING, VIRGINIA  
 BLUE RIDGE PARKWAY 2250

**CROSS SECTIONS**  
 BLUE RIDGE PARKWAY  
 509+00.00 TO 509+50.00  
 100 120

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	T12



13-Mar-2019 12:49 PM \\fhf115f1\reserv\fhf\hvac\dot\gov\data\PROJECTS\STATE\_DOT\NC\blri\26\_nepa\proj\_dev\CADD\From\_Eng\_Support\As\_Requested\_3\_2017\BLRI\_126\_NEPA\_E.xsdgn

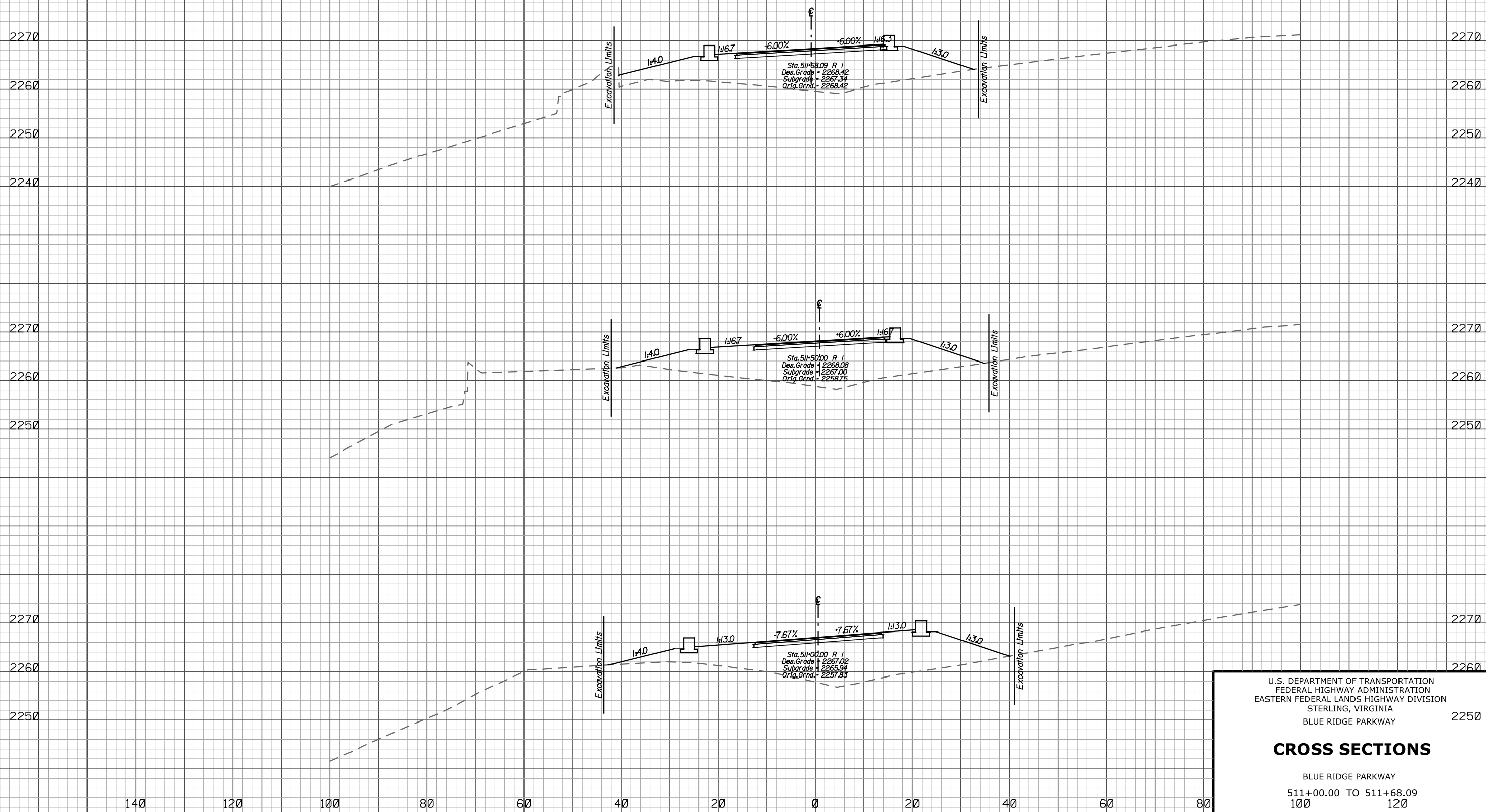
U.S. DEPARTMENT OF TRANSPORTATION  
 FEDERAL HIGHWAY ADMINISTRATION  
 EASTERN FEDERAL LANDS HIGHWAY DIVISION  
 STERLING, VIRGINIA  
 BLUE RIDGE PARKWAY

**CROSS SECTIONS**

BLUE RIDGE PARKWAY  
 510+00.00 TO 510+50.00  
 100 120

2240

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	T13

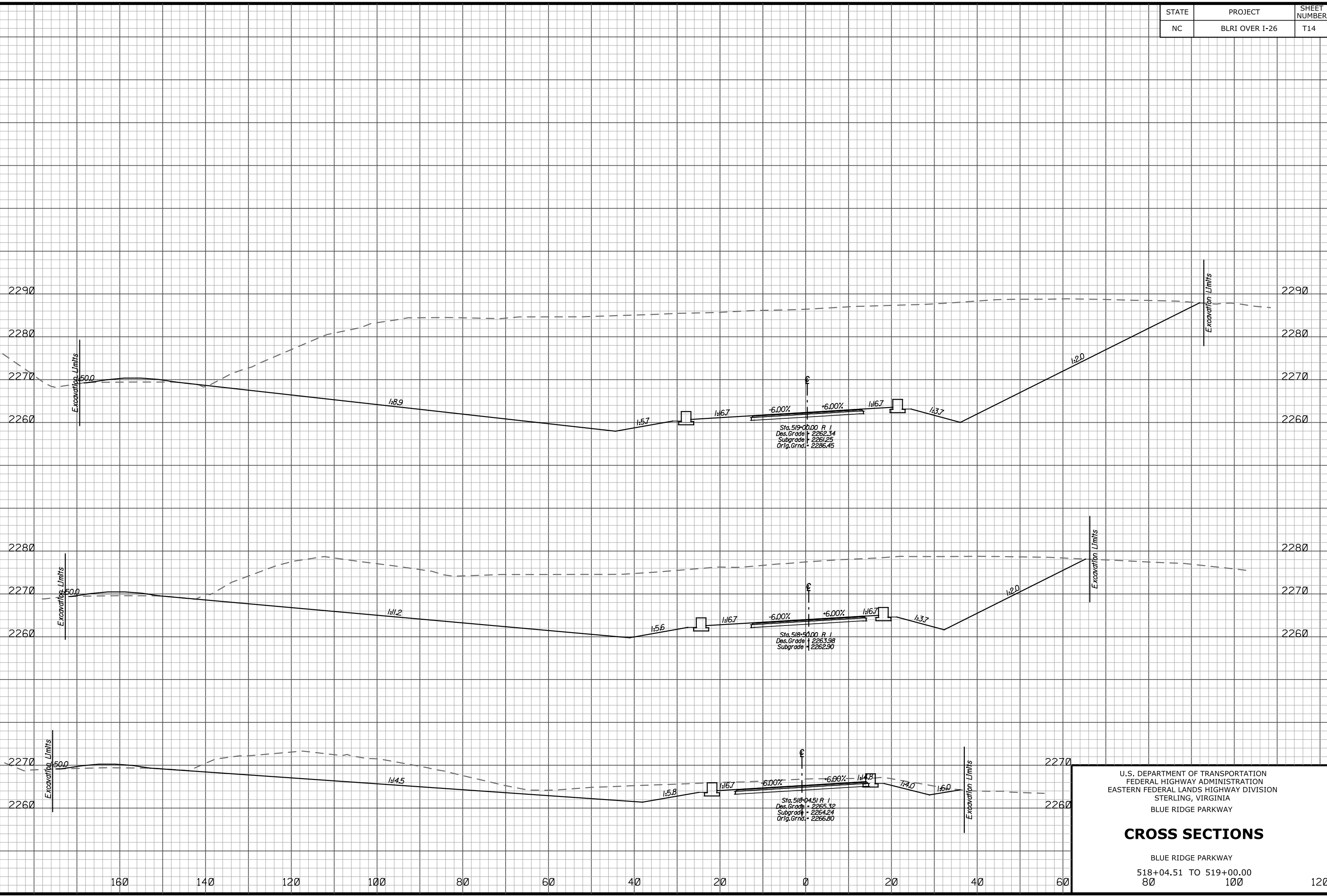


13-Mar-2019 12:49 PM \\fhf115f1reserve1\hd\fwadot\proj\PROJECTS\STATE\_DOT\NC\blri\_126\_nepa\proj\Dev\CADD\From\_Eng\_Support\As\_Requested\_3\_2017\BLRI\_126\_NEPA\_E.xsdgn

U.S. DEPARTMENT OF TRANSPORTATION  
 FEDERAL HIGHWAY ADMINISTRATION  
 EASTERN FEDERAL LANDS HIGHWAY DIVISION  
 STERLING, VIRGINIA  
 BLUE RIDGE PARKWAY 2250  
  
**CROSS SECTIONS**  
  
 BLUE RIDGE PARKWAY  
 511+00.00 TO 511+68.09  
 100 120

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	T14

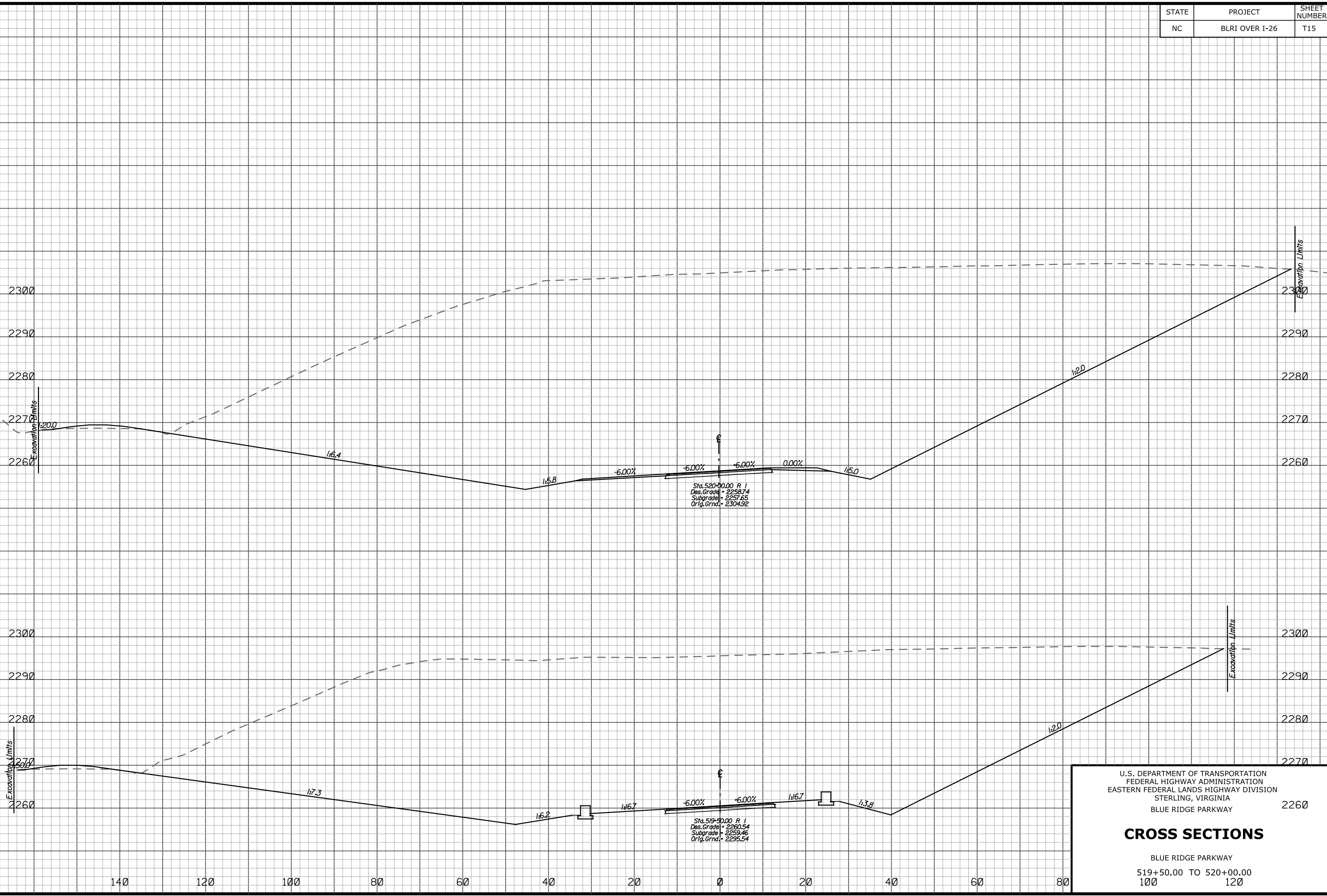
13-Mar-2019 12:49 PM \\FHFI15f1\eserve\fhf\hvacadot\proj\PROJECTS\STATE\_DOT\NC\blri\_126\_nepa\proj\_dev\CADD\From\_Eng\_Support\As\_Requested\_3\_2017\BLRI\_126\_NEPA\_E.xsdgn



U.S. DEPARTMENT OF TRANSPORTATION  
 FEDERAL HIGHWAY ADMINISTRATION  
 EASTERN FEDERAL LANDS HIGHWAY DIVISION  
 STERLING, VIRGINIA  
 BLUE RIDGE PARKWAY  
  
**CROSS SECTIONS**  
 BLUE RIDGE PARKWAY  
 518+04.51 TO 519+00.00  
 80 100 120

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	T15

13-Mar-2019 12:49 PM \\FHFI151fieserve\fhfi\work\proj\proj\STATE\_DOT\NC\blri\126\_nepa\proj\Dev\CAD\Draw\Eng\_Support\As\_Requested\_3\_2017\BLRI\_126\_NEPA\_E.xsdgn



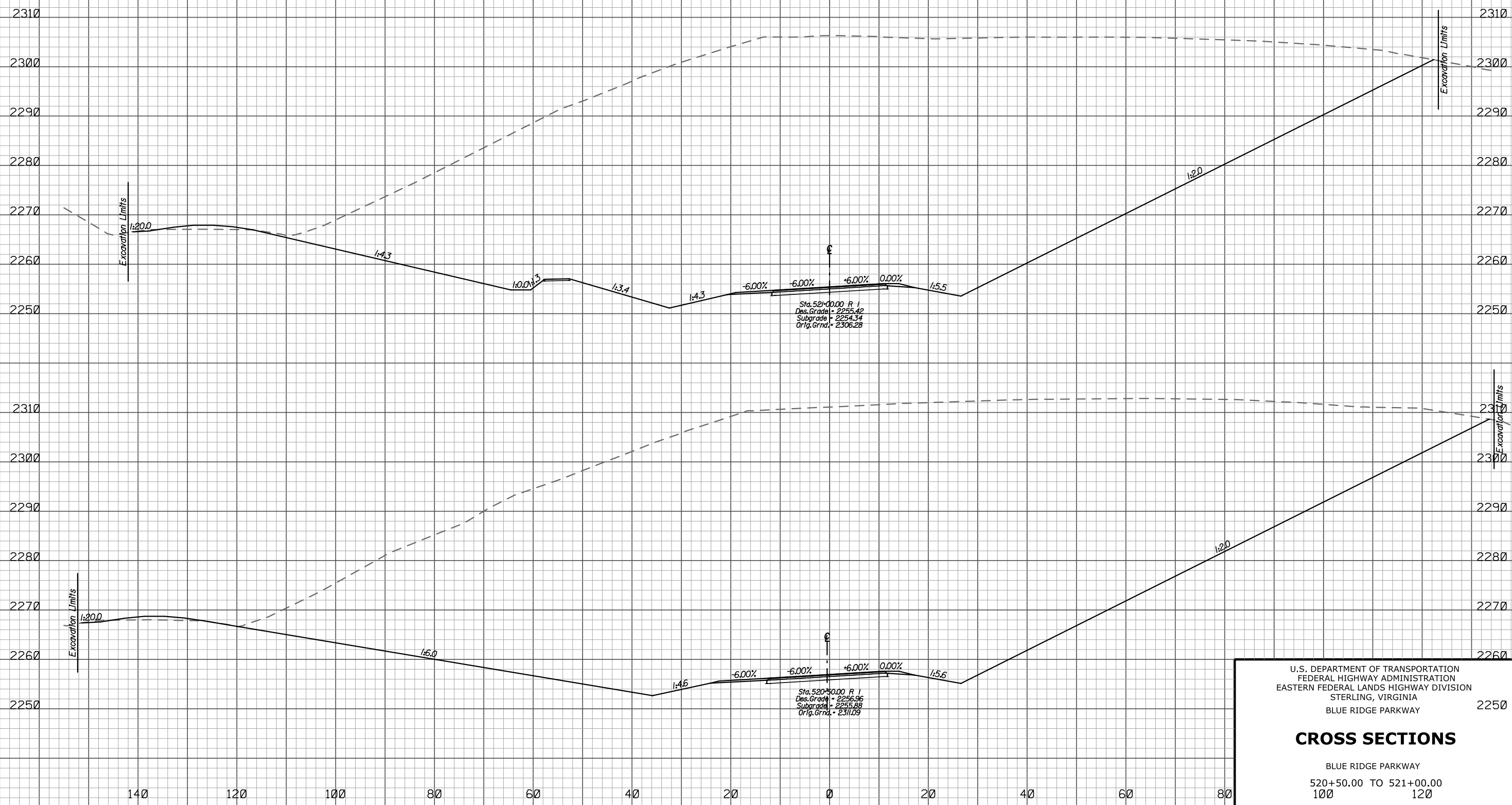
U.S. DEPARTMENT OF TRANSPORTATION  
 FEDERAL HIGHWAY ADMINISTRATION  
 EASTERN FEDERAL LANDS HIGHWAY DIVISION  
 STERLING, VIRGINIA  
 BLUE RIDGE PARKWAY

**CROSS SECTIONS**

BLUE RIDGE PARKWAY  
 519+50.00 TO 520+00.00  
 100 120

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	T16

13-Mar-2019 12:49 PM \\fhf15f1ieserve\fhf\hvac\dot\gov\data\projects\state\_dot\nc\blri\26\_nepa\proj\_dev\cadd\form\_eng\_support\as\_requested\_3\_2017\blri\_126\_nepa\_ex.dgn



U.S. DEPARTMENT OF TRANSPORTATION  
 FEDERAL HIGHWAY ADMINISTRATION  
 EASTERN FEDERAL LANDS HIGHWAY DIVISION  
 STERLING, VIRGINIA  
 BLUE RIDGE PARKWAY 2250

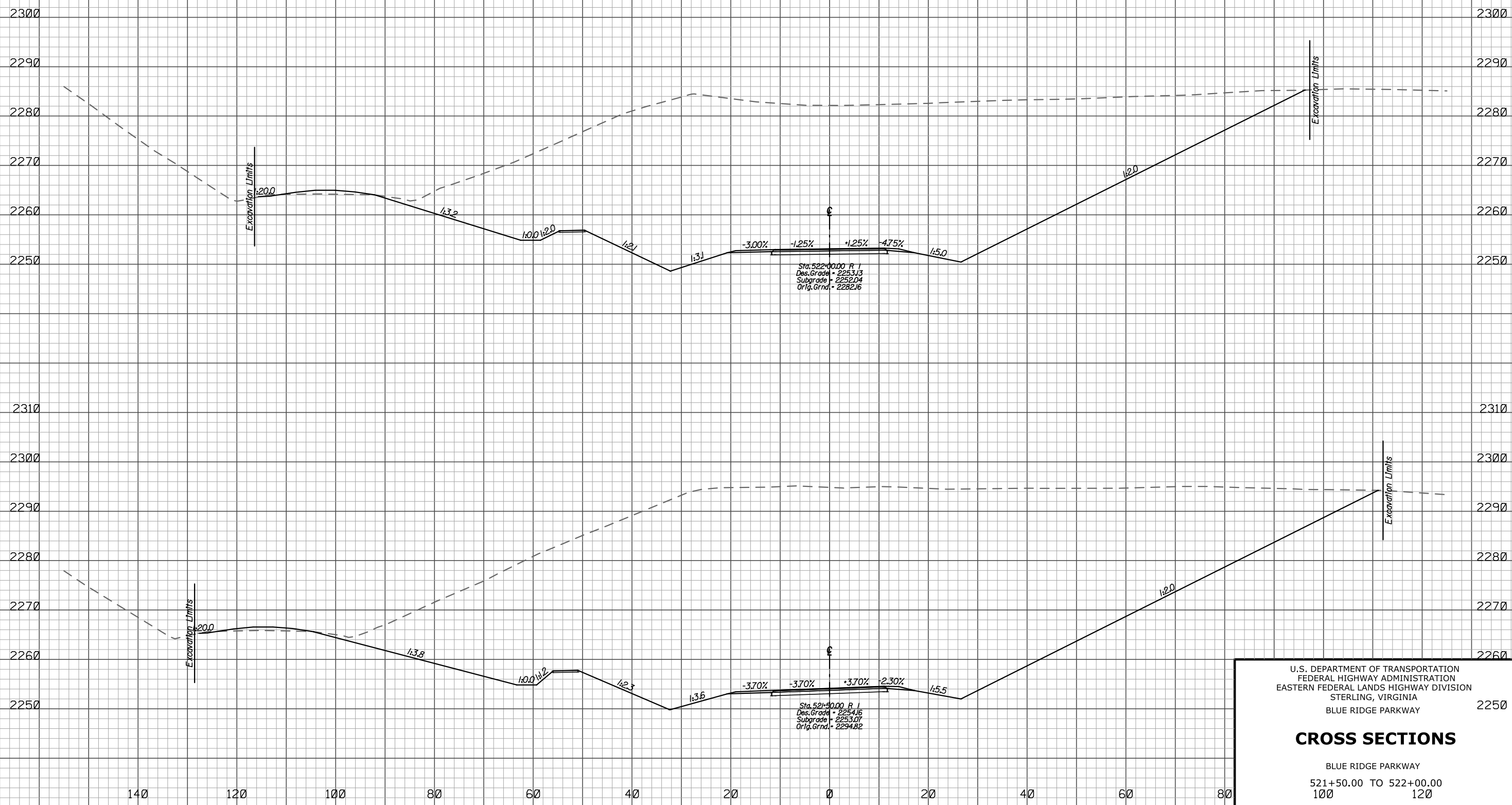
**CROSS SECTIONS**

BLUE RIDGE PARKWAY  
 520+50.00 TO 521+00.00  
 100 120



STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	T17

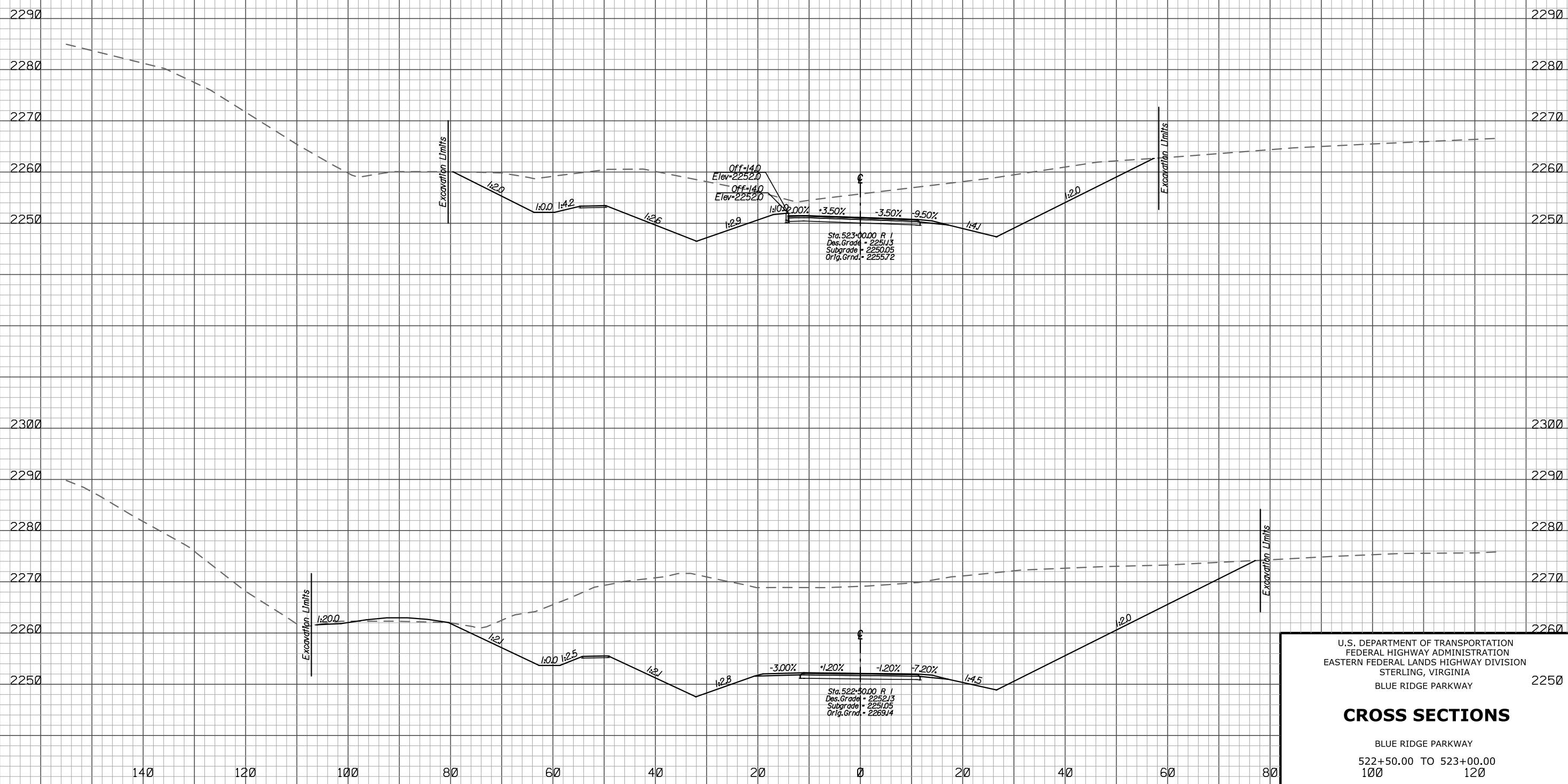
13-Mar-2019 12:49 PM \\fhf115f1\server\fhf\hvac\dot\gov\data\projects\STATE\_DOT\NC\blri\26\_nepa\proj\_dev\cadd\from\_eng\_support\as\_requested\_3\_2017\BLRI\_126\_NEPA\_E.xsdgn



U.S. DEPARTMENT OF TRANSPORTATION  
 FEDERAL HIGHWAY ADMINISTRATION  
 EASTERN FEDERAL LANDS HIGHWAY DIVISION  
 STERLING, VIRGINIA  
 BLUE RIDGE PARKWAY 2250  
  
**CROSS SECTIONS**  
 BLUE RIDGE PARKWAY  
 521+50.00 TO 522+00.00  
 100 120

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	T18

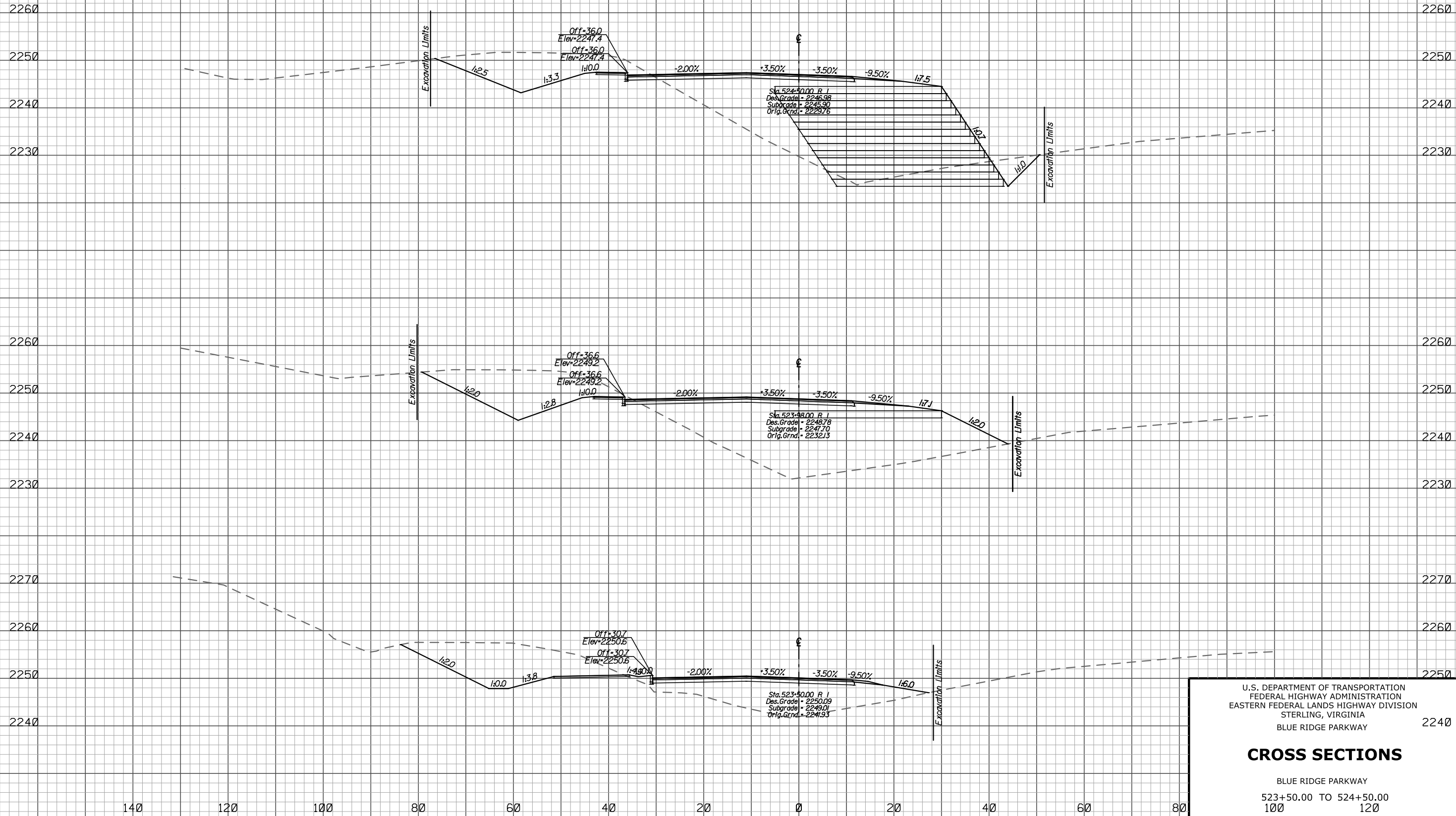
13-Mar-2019 12:49 PM \\fhf115f1\server\fhf\hvac\dot\gov\data\projects\STATE\_DOT\NC\blri\26\_nepa\proj\_dev\CADD\From\_Eng\_Support\As\_Requested\_3\_2017\BLRI\_126\_NEPA\_E.xsdgn



U.S. DEPARTMENT OF TRANSPORTATION  
 FEDERAL HIGHWAY ADMINISTRATION  
 EASTERN FEDERAL LANDS HIGHWAY DIVISION  
 STERLING, VIRGINIA  
 BLUE RIDGE PARKWAY 2250

**CROSS SECTIONS**  
 BLUE RIDGE PARKWAY  
 522+50.00 TO 523+00.00  
 100 120

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	T19



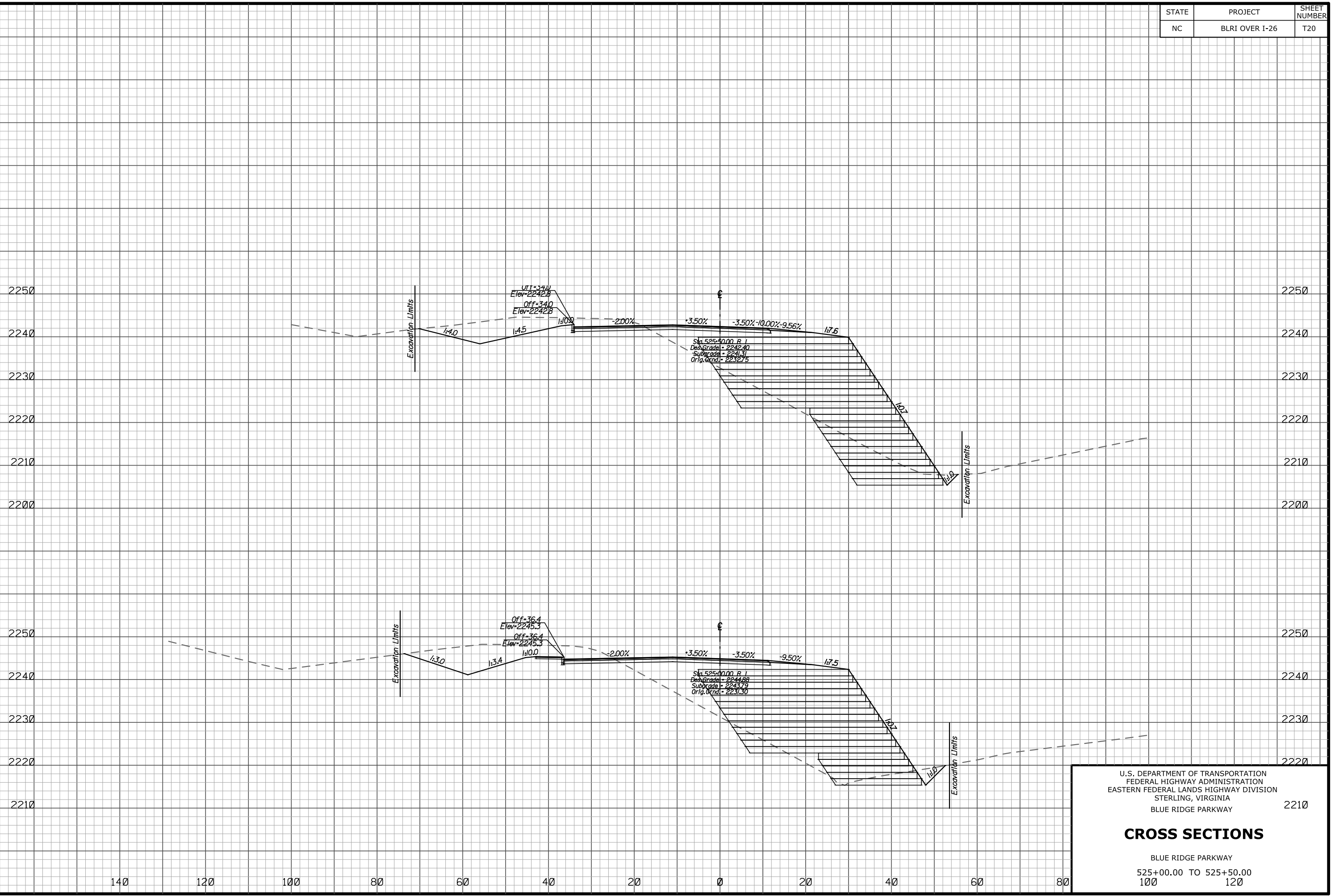
U.S. DEPARTMENT OF TRANSPORTATION  
 FEDERAL HIGHWAY ADMINISTRATION  
 EASTERN FEDERAL LANDS HIGHWAY DIVISION  
 STERLING, VIRGINIA  
 BLUE RIDGE PARKWAY 2240

**CROSS SECTIONS**

BLUE RIDGE PARKWAY  
 523+50.00 TO 524+50.00  
 100 120

13-Mar-2019 12:49 PM \\fhf115f1\reserv\fhf\hvac\dot\gov\data\projects\state\_dot\nc\blri\_126\_nepa\proj\dev\cad\dot\fr\om\_eng\_support\as\_requested\_3\_2017\blri\_126\_nepa\_e.xsdgn

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	T20

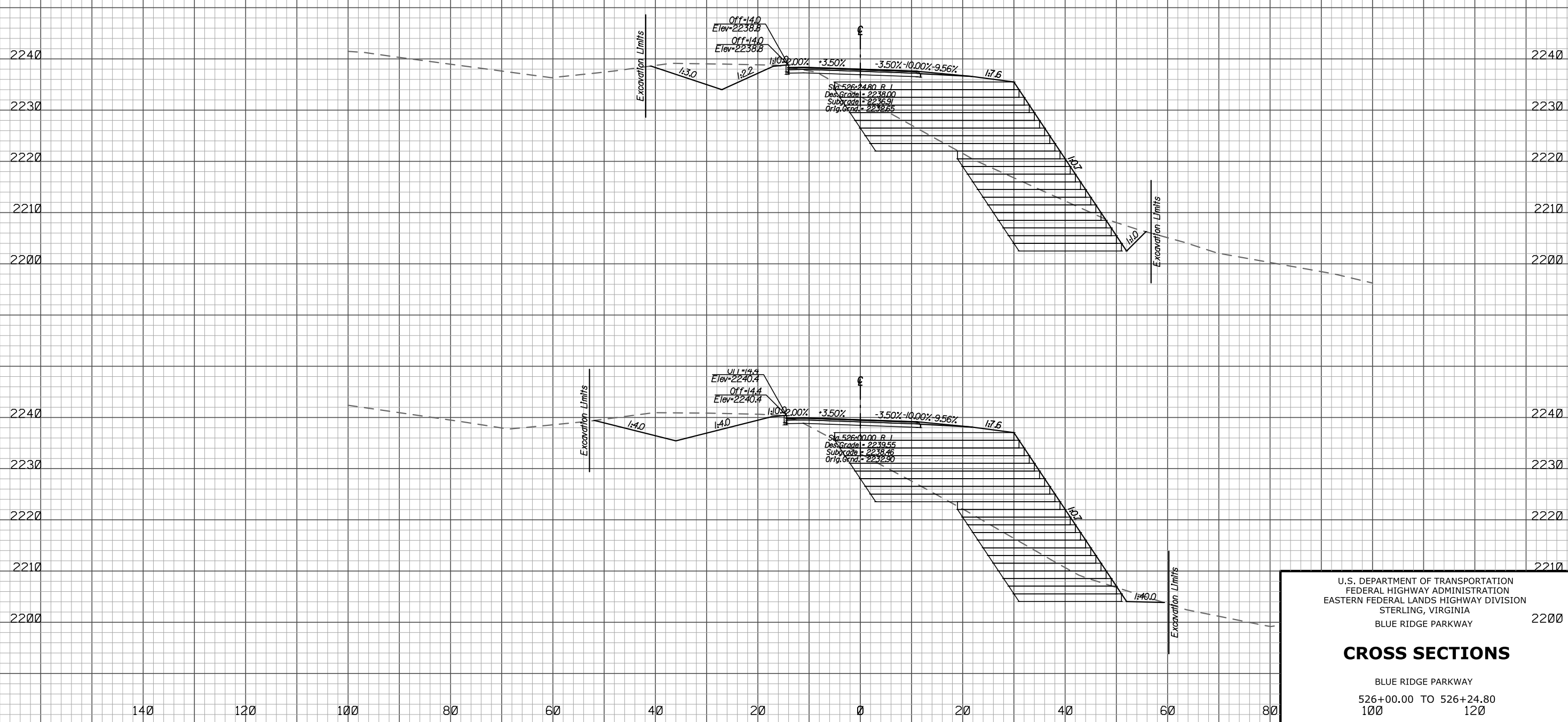


13-Mar-2019 12:49 PM \\fhf115f1ieserve\fhf\hvac\dot\gov\data\projects\state\_dot\nc\blri\26\_nepa\proj\_dev\cad\vd\from\_eng\_support\as\_requested\_3\_2019\T-BLRI\_126\_NEPA\_E.xsdgn

U.S. DEPARTMENT OF TRANSPORTATION  
 FEDERAL HIGHWAY ADMINISTRATION  
 EASTERN FEDERAL LANDS HIGHWAY DIVISION  
 STERLING, VIRGINIA  
 BLUE RIDGE PARKWAY 2210  
  
**CROSS SECTIONS**  
 BLUE RIDGE PARKWAY  
 525+00.00 TO 525+50.00  
 100 120

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	T21

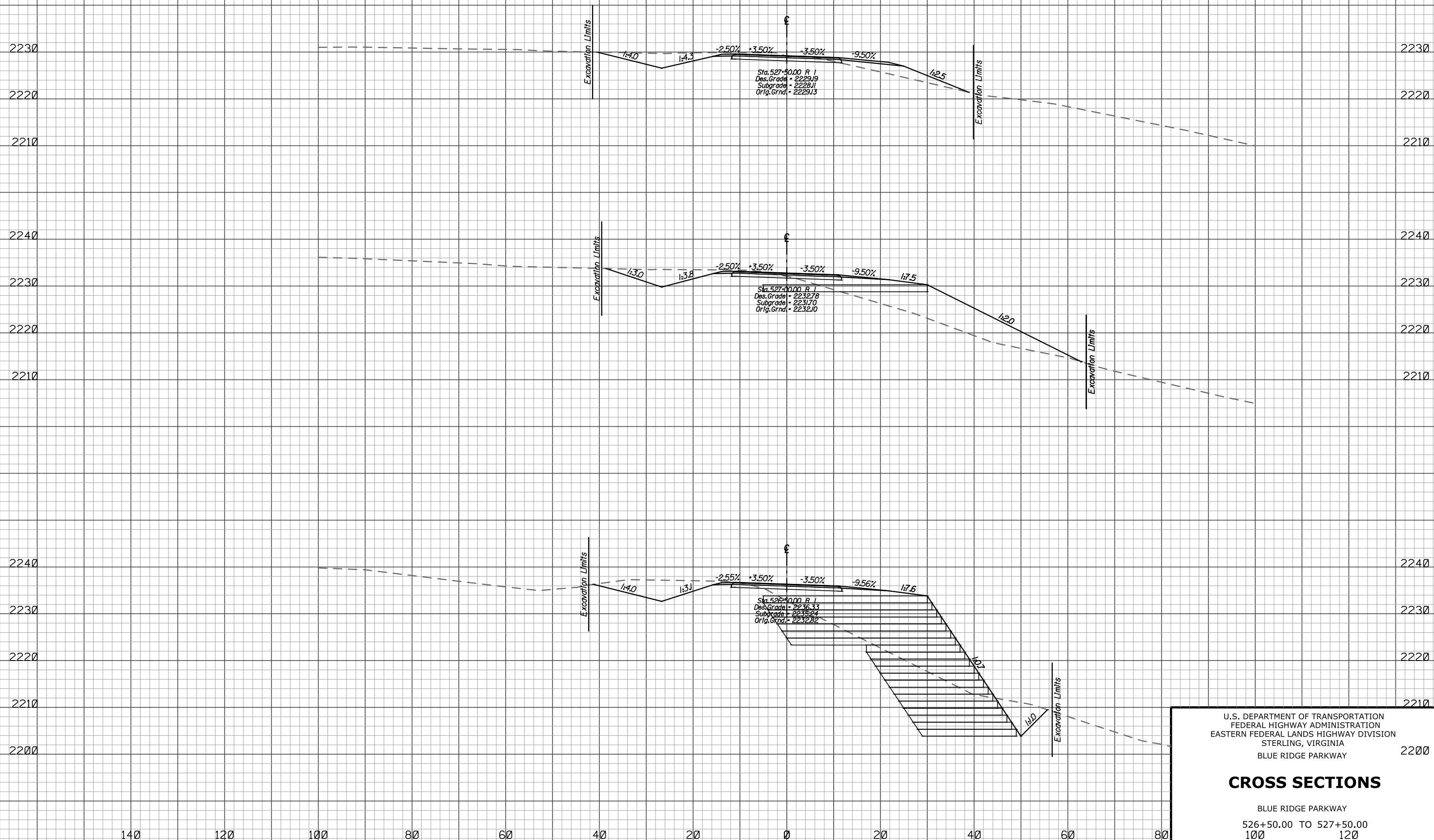
13-Mar-2019 12:49 PM \\FHFI15f1ieserve\fhf\hvacadot\proj\PROJECTS\STATE\_DOT\NC\blri\26\_nepa\proj\Dev\CAD\Draw\Eng\_Support\As\_Requested\_3\_2017\T-BLRI\_126\_NEPA\_E.xsdgn



U.S. DEPARTMENT OF TRANSPORTATION  
 FEDERAL HIGHWAY ADMINISTRATION  
 EASTERN FEDERAL LANDS HIGHWAY DIVISION  
 STERLING, VIRGINIA  
 BLUE RIDGE PARKWAY 2200

**CROSS SECTIONS**  
 BLUE RIDGE PARKWAY  
 526+00.00 TO 526+24.80  
 100 120

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	T22



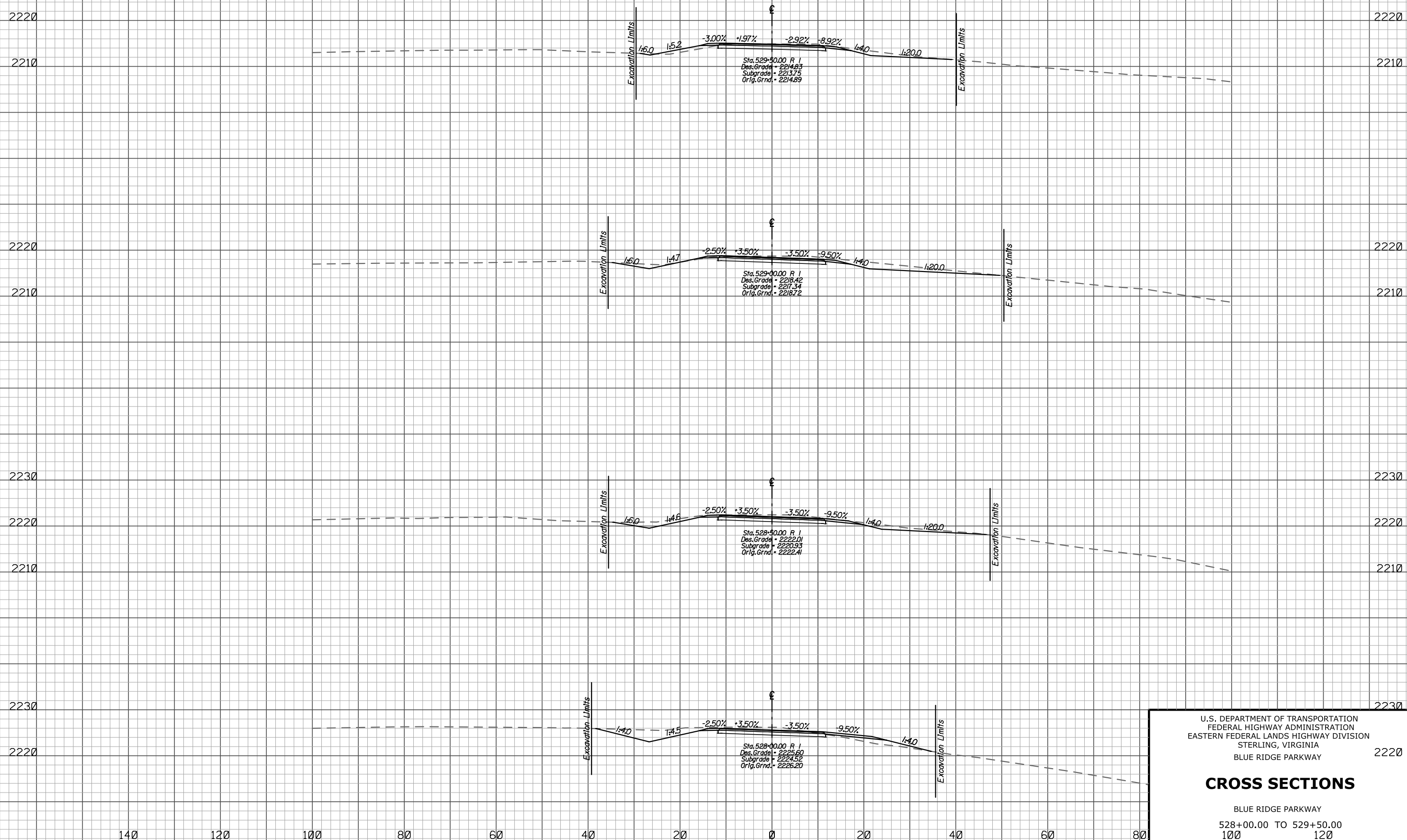
U.S. DEPARTMENT OF TRANSPORTATION  
 FEDERAL HIGHWAY ADMINISTRATION  
 EASTERN FEDERAL LANDS HIGHWAY DIVISION  
 STERLING, VIRGINIA  
 BLUE RIDGE PARKWAY

**CROSS SECTIONS**

BLUE RIDGE PARKWAY  
 526+50.00 TO 527+50.00  
 100 120

13-Mar-2019 12:49 PM \\fhf115f11eserve1\hd\fhwa\dot\gov\data\projects\STATE\_DOT\NC\blri\_126\_nepa\proj\_dev\CADD\From\_Eng\_Support\As\_Requested\_3\_2017\T-BLRI\_126\_NEPA\_E.xsdgn

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	T23



U.S. DEPARTMENT OF TRANSPORTATION  
 FEDERAL HIGHWAY ADMINISTRATION  
 EASTERN FEDERAL LANDS HIGHWAY DIVISION  
 STERLING, VIRGINIA  
 BLUE RIDGE PARKWAY

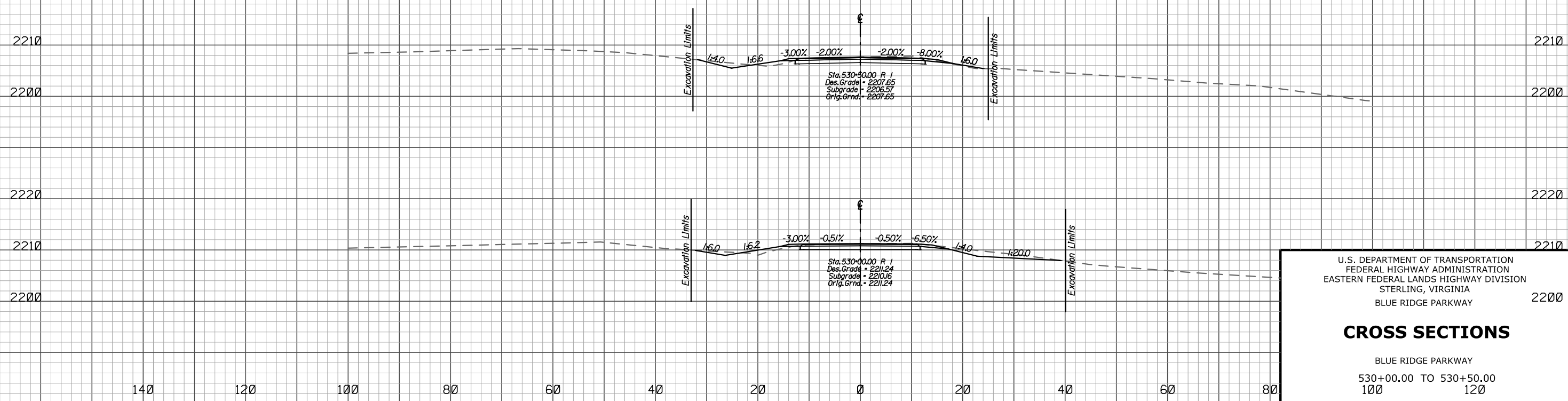
**CROSS SECTIONS**

BLUE RIDGE PARKWAY  
 528+00.00 TO 529+50.00  
 100 120

13-Mar-2019 12:49 PM \\FHFI15f1ieserve\fhf\hvacadot\proj\proj\STATE\_DOT\NC\blri\_126\_nepa\proj\DevCAD\DVFrom\_Eng\_Support\As\_Requested\_3\_2017\T-BLRI\_126\_NEPA\_E.xsdgn

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	T24

13-Mar-2019 12:49 PM \\FHFI15f1reserve1\hd\fwadot\gov\data\projects\state\_dot\nc\blri\_26\_nepa\proj\_dev\cadd\from\_eng\_support\as\_requested\_3\_2017\blri\_26\_nepa\_ex.dgn

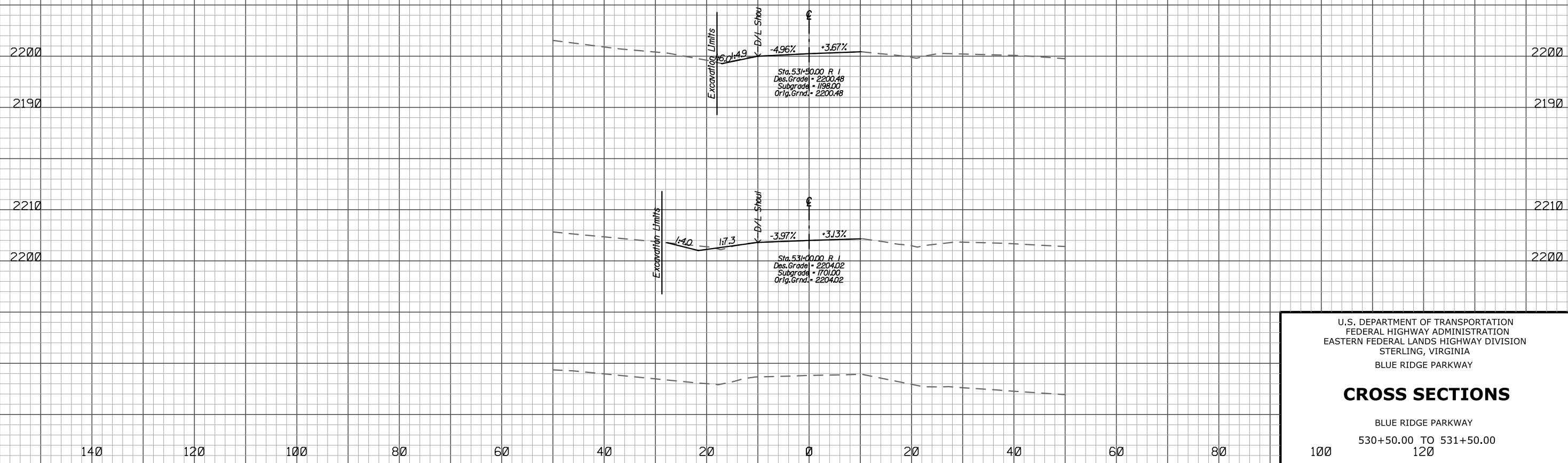


U.S. DEPARTMENT OF TRANSPORTATION  
 FEDERAL HIGHWAY ADMINISTRATION  
 EASTERN FEDERAL LANDS HIGHWAY DIVISION  
 STERLING, VIRGINIA  
 BLUE RIDGE PARKWAY 2200  
  
**CROSS SECTIONS**  
  
 BLUE RIDGE PARKWAY  
 530+00.00 TO 530+50.00  
 100 120



STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	T25

13-Mar-2019 12:49 PM \\fhf115f1\reserv\fhf\hvac\dot\gov\data\proj\PROJECTS\STATE\_DOT\NC\blri\_26\_nepa\proj\DevCAD\From\_Eng\_Support\As\_Requested\_3\_2017\T24-BLRI-I-26\_exs-531+00 to 531+50.dgn

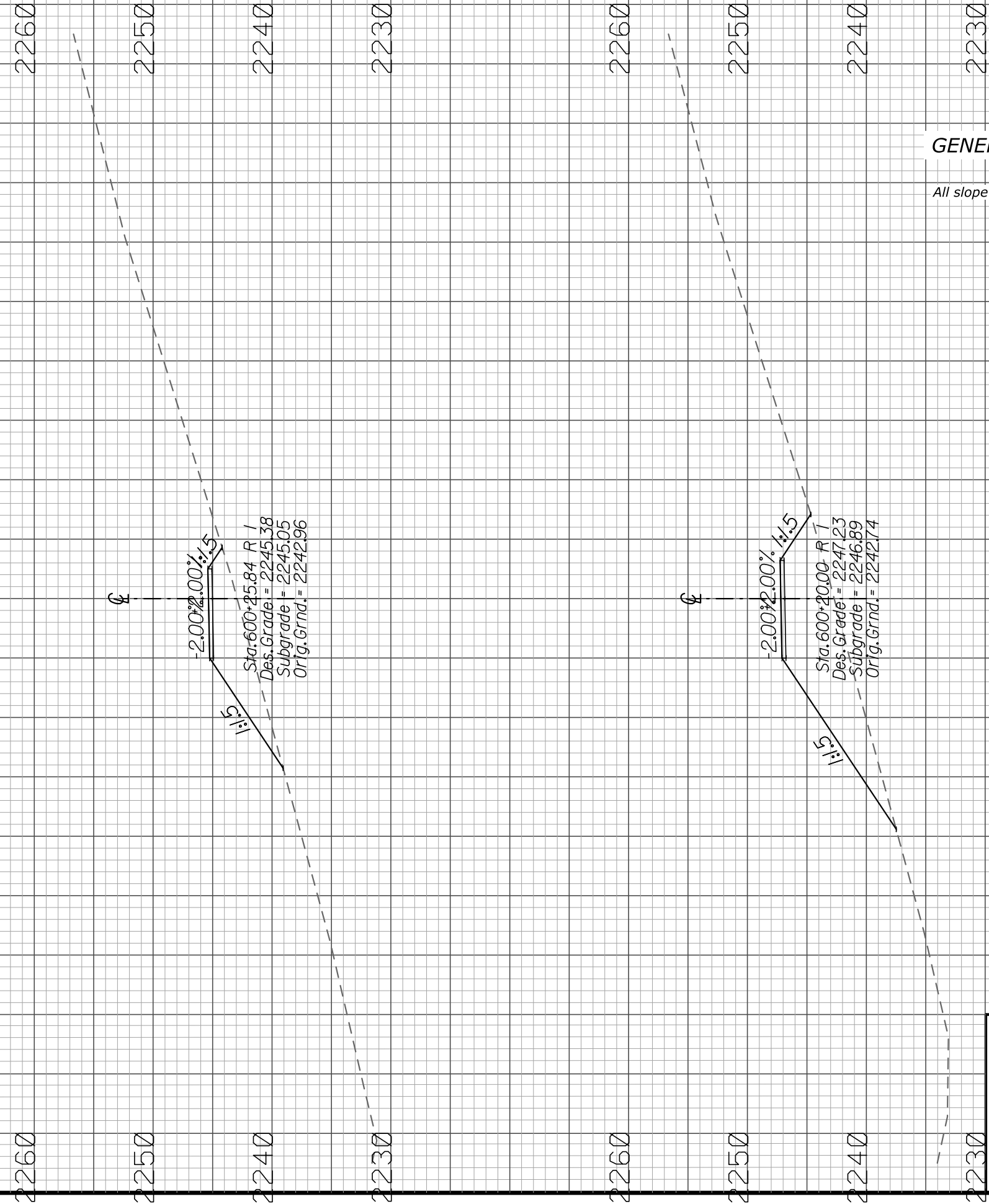


U.S. DEPARTMENT OF TRANSPORTATION  
 FEDERAL HIGHWAY ADMINISTRATION  
 EASTERN FEDERAL LANDS HIGHWAY DIVISION  
 STERLING, VIRGINIA  
 BLUE RIDGE PARKWAY

### CROSS SECTIONS

BLUE RIDGE PARKWAY  
 530+50.00 TO 531+50.00  
 120

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	U01



**GENERAL NOTE:**

All slope ratios in cross sections are shown as V:H.

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

BLUE RIDGE PARKWAY

**CROSS SECTIONS**

MOUNTAIN TO SEA TRAIL #5  
 600+20.00 TO 600+25.84

M:\PROJECTS\STATE DOT\NC\blri\_j26\_nepa\Proj\_Dev\CADD\From\_Eng\_Support\As\_Requested\_3\_2017\U-BLRI\_J\_26\_NEPA\_E.xsdgn

21-Dec-2018 02:35 PM

40

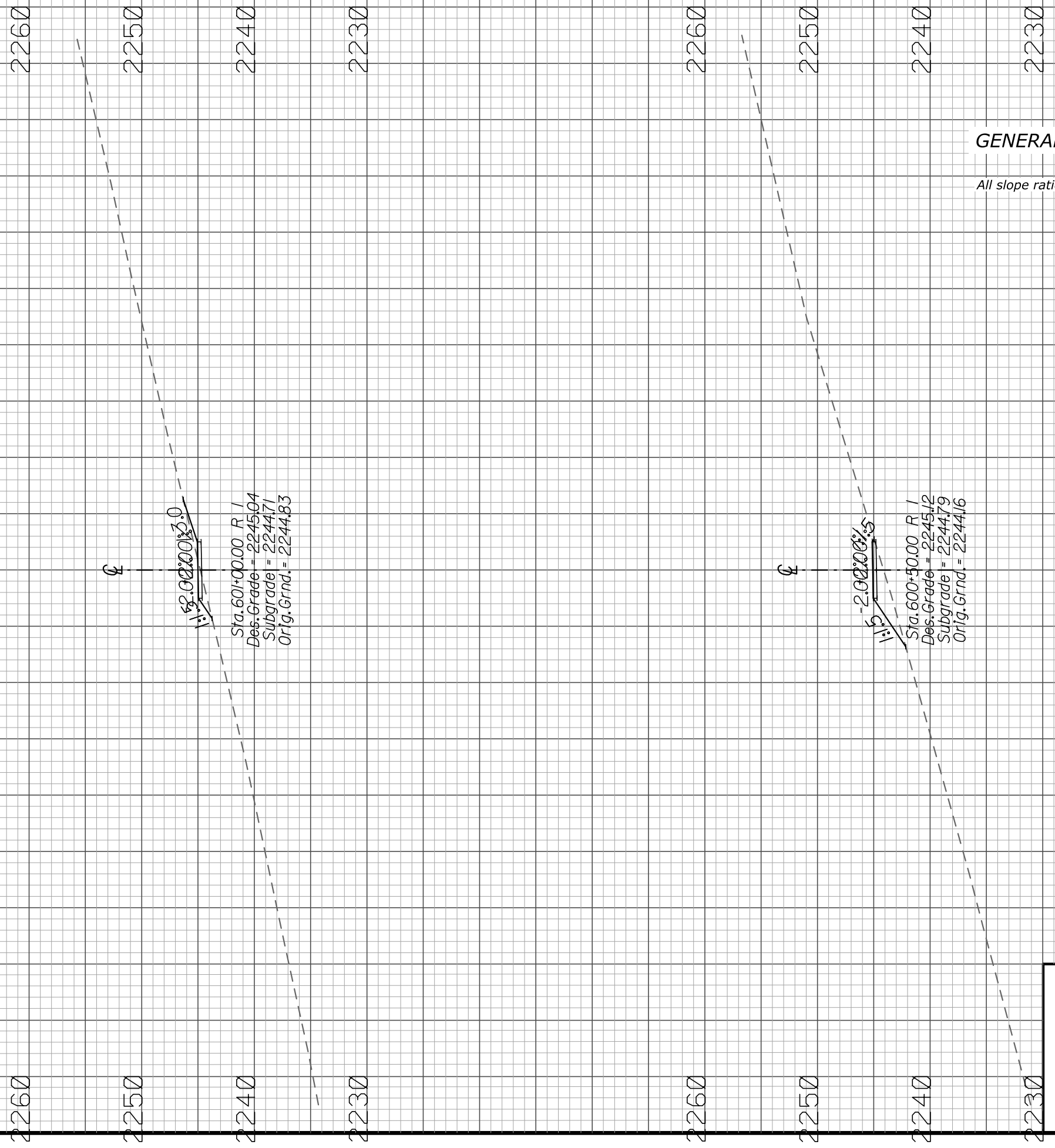
20

0

20

40

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	U02



**GENERAL NOTE:**

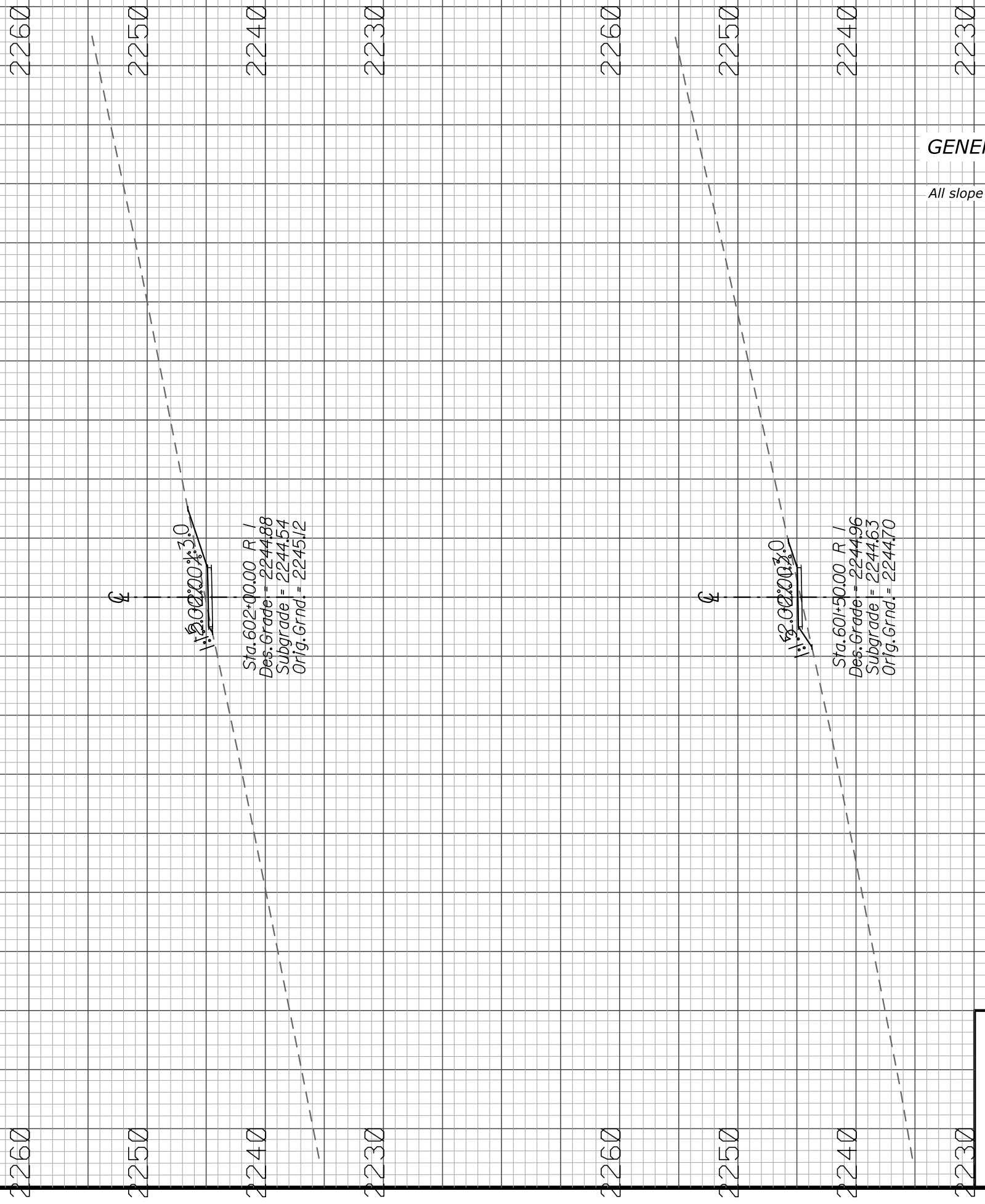
All slope ratios in cross sections are shown as V:H.

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

**CROSS SECTIONS**

MOUNTAIN TO SEA TRAIL #5  
 600+50.00 TO 601+00.00

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	U03



**GENERAL NOTE:**

All slope ratios in cross sections are shown as V:H.

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

**CROSS SECTIONS**

MOUNTAIN TO SEA TRAIL #5  
 601+50.00 TO 602+00.00

21-Dec-2018 02:36 PM M:\PROJECTS\STATE\_DOT\NC\Iri\_126\_nepa\Proj\_Dev\CADD\From\_Eng\_Support\As\_Requested\_3\_2017\U-BLRI\_1\_26\_NEPA\_E.xsdgn

40

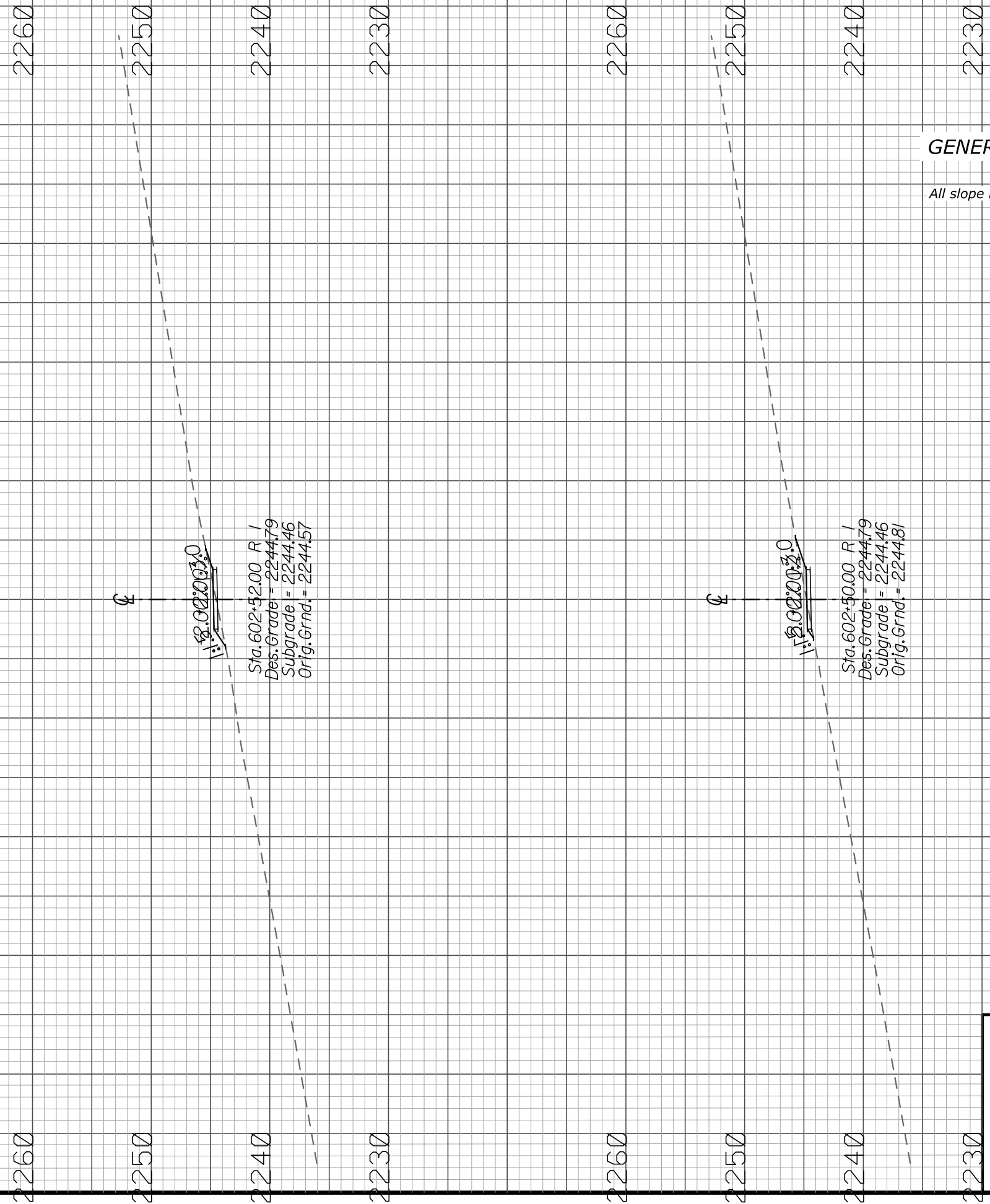
20

0

20

40

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	U04



**GENERAL NOTE:**

All slope ratios in cross sections are shown as V:H.

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

**CROSS SECTIONS**

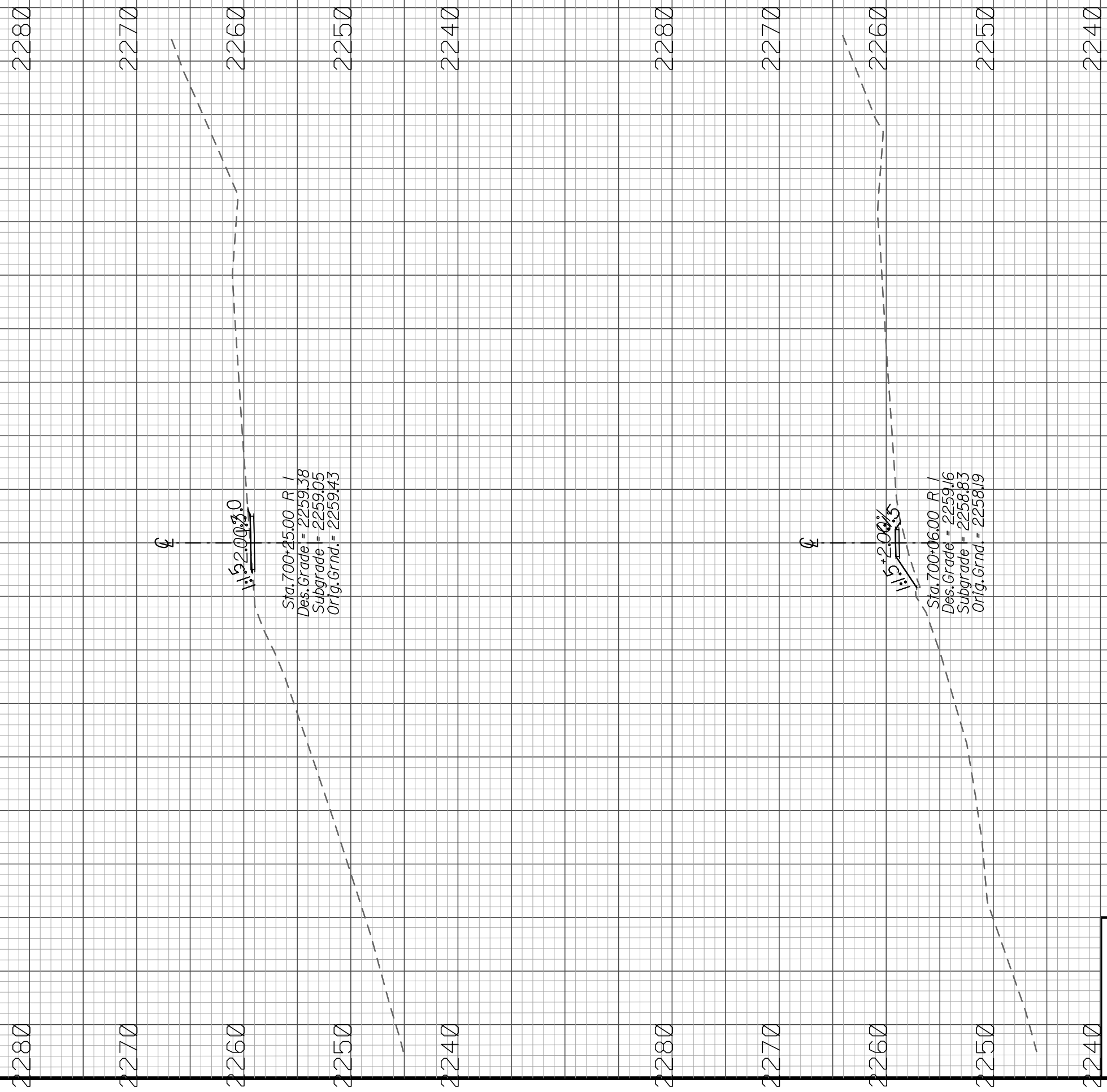
MOUNTAIN TO SEA TRAIL #5  
 602+50.00 TO 602+52.00

21-Dec-2018 02:37 PM M:\PROJECTS\STATE\_DOT\NC\blri\_126\_nepa\Proj\_Devel\CADD\From\_Eng\_Support\As\_Requested\_3\_2017\U-BLRI\_L\_26\_NIEPA\_E.xsdgn

M:\PROJECTS\STATE\_DOT\WC\Brl\26\_nepa\Proj\Dev\CADD\From\_Eng\_Support\As\_Requested\_3\_2017\V-BLRI\1\_26\_NEPA\_F\_x.sgn

14-Dec-2018 02:11 PM

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	V01



1:1.5  
2.00%  
Sta. 700+25.00 R /  
Des. Grade = 2259.38  
Subgrade = 2259.05  
Orig. Grnd. = 2259.43

1:1.5  
2.00%  
Sta. 700+06.00 R /  
Des. Grade = 2259.16  
Subgrade = 2258.83  
Orig. Grnd. = 2258.19

U.S. DEPARTMENT OF TRANSPORTATION  
FEDERAL HIGHWAY ADMINISTRATION  
EASTERN FEDERAL LANDS HIGHWAY DIVISION  
STERLING, VIRGINIA  
BLUE RIDGE PARKWAY

### CROSS SECTIONS

MOUNTAIN TO SEA TRAIL #2  
700+06.00 TO 700+25.00

40

20

0

20

40

14-Dec-2018 02:11 PM MA\PROJECTS\STATE\DOT\W\Birt\_L26\_nepa\Proj\_Dev\CADD\From\_Eng\_Support\As\_Requested\_3\_2017\BRL\_L26\_NEPA\_F.sxdgn

STATE	PROJECT	SHEET NUMBER
NC	BLRI OVER I-26	V02

2270

2260

2250

2240

2270

2260

2250

2240

℄

1:6.0-2.00%:3.0

Sta. 700+58.19 R /  
Des. Grade = 2259.77  
Subgrade = 2259.44  
Orig. Grnd. = 2260.61

2270

2260

2250

2240

2270

2260

2250

2240

℄

1:6.02.00%:3.0

Sta. 700+50.00 R /  
Des. Grade = 2259.68  
Subgrade = 2259.34  
Orig. Grnd. = 2260.32

U.S. DEPARTMENT OF TRANSPORTATION  
FEDERAL HIGHWAY ADMINISTRATION  
EASTERN FEDERAL LANDS HIGHWAY DIVISION  
STERLING, VIRGINIA  
BLUE RIDGE PARKWAY

### CROSS SECTIONS

MOUNTAIN TO SEA TRAIL #2  
700+50.00 TO 700+58.19

40

20

0

20

40