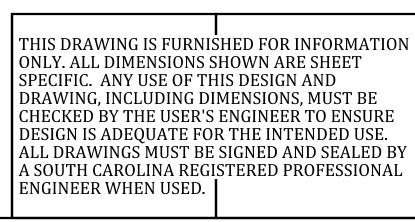
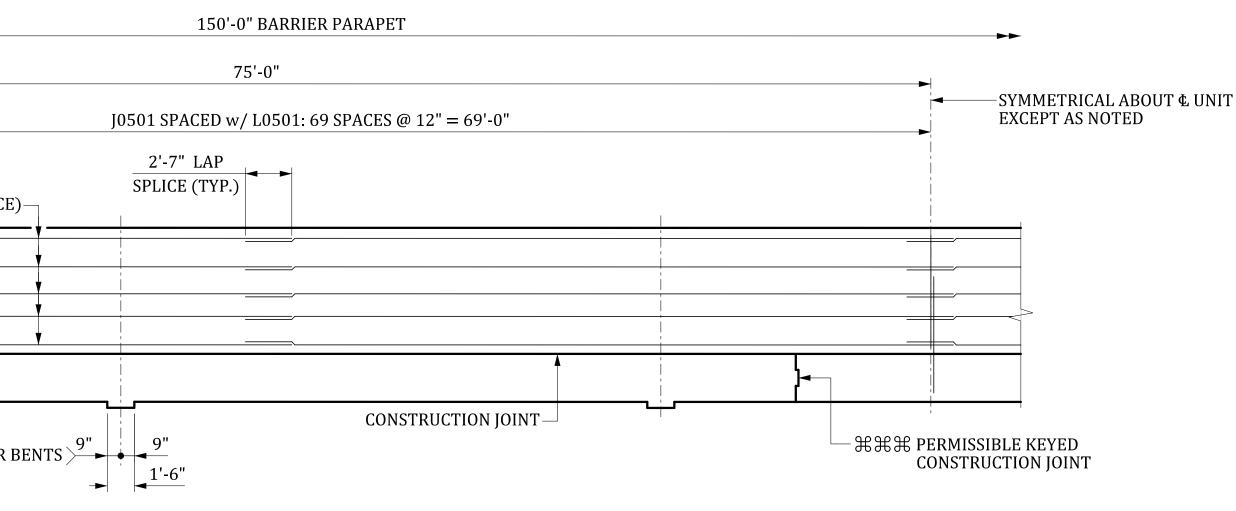
					•		30'-0" SPAN
			₩ 1'-0"	6 ³ / ₄ " 7 ¹ / ₂ "- 9 ³ / ₄ "-	4 SP. @ 12" = 4'-0"	A0502	2'-7" LAP SPLICE A0502 TO A0803
	36'-3"	18'-1½"	34'-0" ROADWAY 17'-0"	BEGIN OR END BRIDGE & $\&$ END BENT 1 OR 6 90°00'00" (TYP.) 3" 2 SP. @ 7 ¹ / ₂ " = 1'-3"-	NOTE A040 IN BU	: , KB0401 (END ILD-DOWNS NOT	BENT) AND K0401 (INTERIO Γ SHOWN.
		18'-1½"	17'-0"	ARMOR PLATE	A05	01 (TOP & BOTT	OM) <u>2'-0" STAGGER</u> A0901
			<u> </u>	- - -	BUILD-D		
DESCRIPTION OF REVISION			J0501 SI 12 SPAC	<u>3"</u> PACED w/ L0501: CES @ 5"=5'-0" J0501 (TYP.)—		9" 	A0503 (4 BAR RUN EACH FACE)-
REV. REV. BY CHK DATE				L0501 (TYP.)—	1'-0"		TYP. AT INTERIOR BE
CTM MWB 04-24 RI SJA DPP 04-24 RI RY CHK DATE							

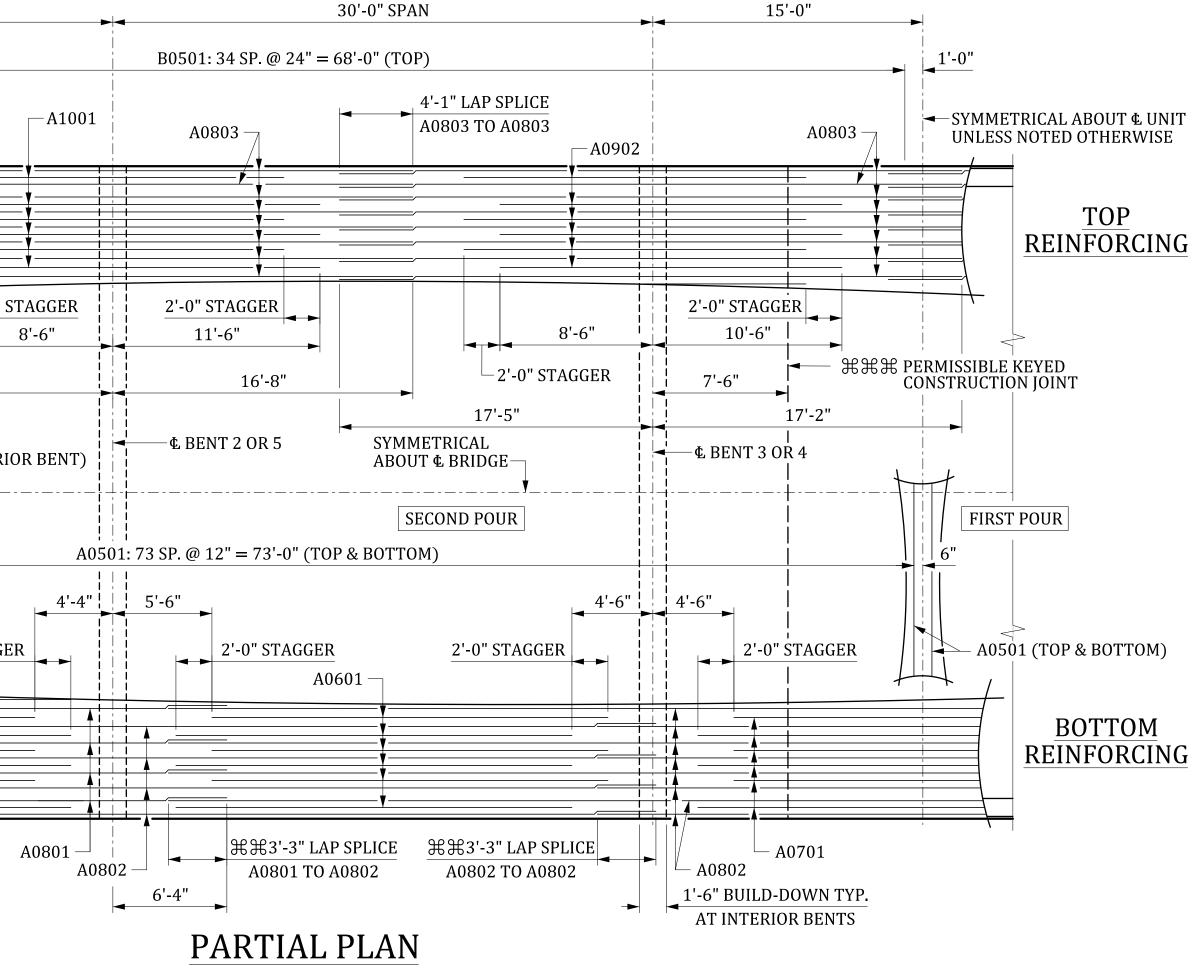
ED CTM MWB 04-2



PARTIAL ELEVATION



150'-0" (OUT TO OUT)



BRIDGE PLANS ID	
####-####	1

SHEET ####

REINFORCING STEEL SCHEDULE										
	NO.]	DI	MENSI					
MARK	REQ'D	"a"	"b"		"c"	"d"	"e"	LENGTH		
A0401	12	19'-2"		-				19'-2"		
A0501	304	35'-11"	_	-				35'-11"		
A0502	78	14'-6"		-				14'-6"		
A0503	80	39'-4"		-				39'-4"		
A0601	72	22'-0"		-				22'-0"		
A0701	36	23'-0"		-				23'-0"		
A0801	39	36'-2"		-				36'-2"		
A0802	78	60'-0"		-				60'-0"		
A0803	156	34'-7"		-				34'-7"		
A0901	72	25'-6"		-				25'-6"		
A0902	72	19'-0"		-				19'-0"		
A1001	72	20'-0"		-				20'-0"		
B0501	140	5'-0"	7"					5'-7"		
B0601	24	7'-0"	8"					7'-8"		
J0501	330	5½"	3'-3	"				7'-0"		
K0401	80	4½"	1'-2	"	1'-2"			4'-3"		
KB0401	40	4½"	1'-2"		8"			3'-9"		
L0501	330	10"	3'-3	"	6¼"	3'-3"		7'-11"		
SB 2" HT.					AS	NECES	SARY			
CHCU	8"	HT.			AS	NECES	SARY			
ESTIMATED QUANTITIES										
ITEM					UNIT	150' SPAN				
2.0" SCH. 80 PVC CONDUIT					LF	600.0				
CONCRETE, CLASS 4000					CY	271.8				
REINFO	ORCING	STEEL			LB		74,38	4		
	CONCRI ER PARA				LF		300.0)		
		E BEARII LAT SLA			EA		6			

NOTES:

CAST THE 150' CONTINUOUS UNIT IN ONE POUR FROM ONE END OF SPAN TO THE OTHER USING A SUITABLE SCREED. USE AN APPROVED RETARDING AGENT AND ESTABLISH AND MAINTAIN A MINIMUM POURING RATE OF 55 CY PER HOUR UNLESS APPROVED OTHERWISE BY THE RCE. IF A POURING RATE OF 55 CY PER HOUR IS NOT POSSIBLE, CAST THE 150' CONTINUOUS UNIT USING THE

OF THE STANDARD SPECIFICATIONS.

PERMISSIBLE KEYED CONSTRUCTION JOINT SHOWN.

DO NOT REMOVE SLAB FALSEWORK UNTIL THE ENTIRE 150' SPAN UNIT HAS BEEN POURED AND CURED ACCORDING TO SECTION 702

CAST BARRIER PARAPET CONCRETE AFTER SLAB FALSEWORK HAS BEEN STRUCK.

FOR ARMOR PLATE DETAIL, SEE "GENERAL DETAILS" SHEET.

FOR TYPICAL SECTION, SECTION THRU BARRIER PARAPET, SLAB BUILD-DOWN DETAILS AND DRAIN DETAILS, SEE "150' FLAT SLAB UNIT (5 SPAN) SUPERSTRUCTURE DETAILS" SHEET.

FOR SLAB DRAIN LOCATIONS, SEE "BRIDGE PLAN AND PROFILE" SHEET.

FOR REINFORCING BENDING DETAILS, SEE "REINFORCING BENDING DETAILS" SHEETS.

\mathfrak{H} MASH BARRIER PARAPET

光光 ALTERNATE SPLICE LOCATIONS ON ALTERNATE BARS

光光光 ONLY ONE CONSTRUCTION JOINT IS ALLOWED IN THE 150' CONTINUOUS UNIT.

CONSULTANT NAME/LOGO

SOUTH CAROLINA

DEPARTMENT OF TRANSPORTATION

150' FLAT SLAB UNIT (5 SPAN) SUPERSTRUCTURE

(34'-0" ROADWAY)

ROUTE:

DRAWING NUMBER: 702-FS.S150.5SP.R34

COUNTY: ####

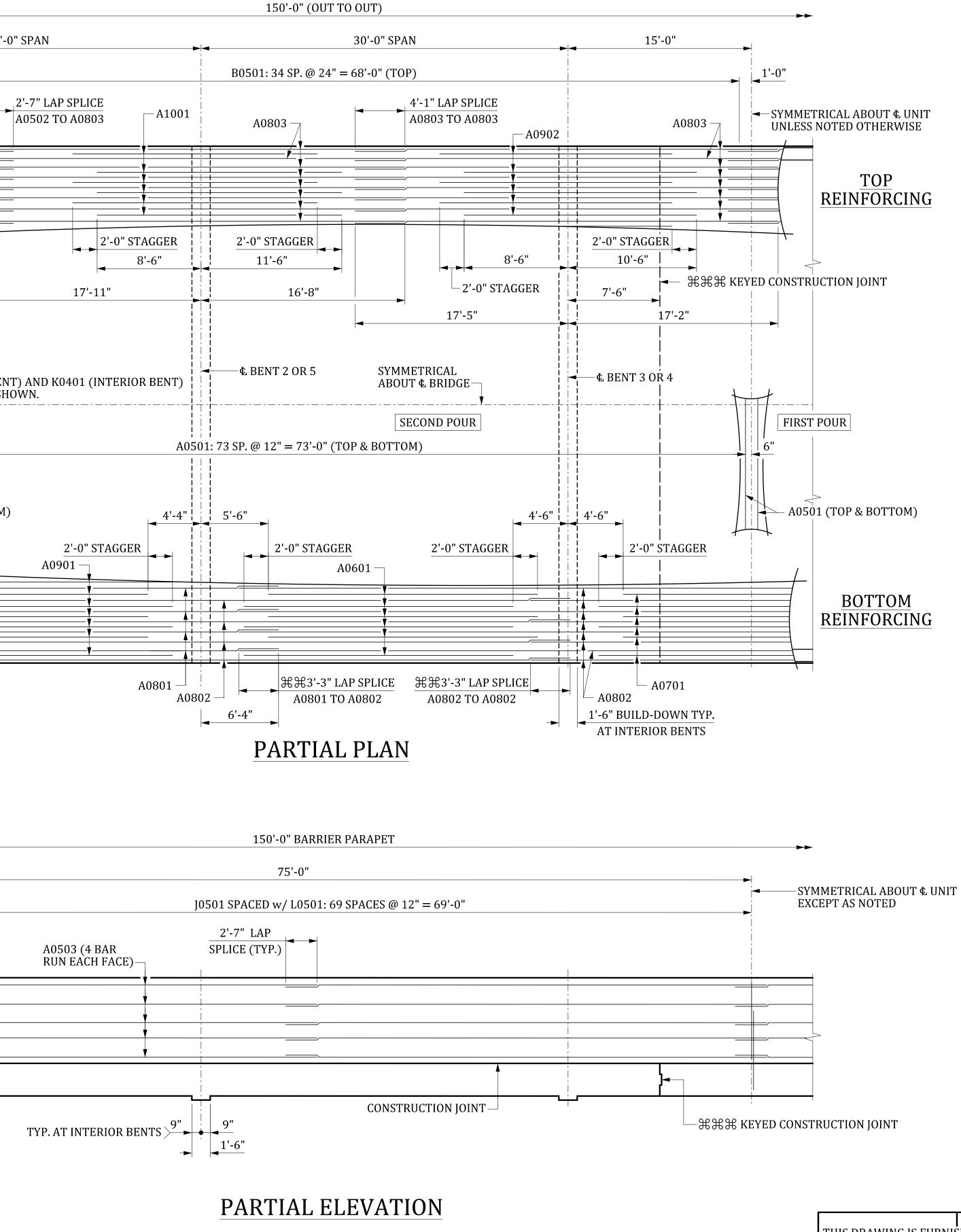
						-		
			<u> </u>	₩ 1'-0"	6 ³ / ₄ " 7 ¹ / ₂ "– 9 ³ / ₄ "– 80601 (TOP)–		4 SP. @ 12" = 4'-0" A05	30'-0" SPAN 2'-7" LA A0502 T
		21'-1 ¹ / ₂ "		20'-0"	B0501 (TOP)			
	42'-3"	– – – –	40'-0" ROADWAY	¥-	BRIDGE & ¢ END BENT 1 OR 6 90°00'00" (TYP.) 3" 2 SP. @ $7\frac{1}{2}$ " = 1'-3"		IN BUILD-DOW	1 (END BENT) AND K VNS NOT SHOWN.
		21'-1½"		20'-0"	ARMOR PLATE		A0501 (TOP	& BOTTOM)
				<u><u> </u></u>	- 1 ¹ ²		1'-0" BUILD-DOWN	
4:29:38 PM 702_FS_150.dgn			J05 12	01 S SPA(3" PACED w/ L0501: CES @ 5"=5'-0" J0501 (TYP.)—			A0 RU
MBreeland 6/26/2024 4:29:3 REV. REV. REV. REV. BY CHK. DATE					,0000 (TTT,) L0501 (TYP.)—		1'-0"	TYP. A
WED CTM MWB 04-24 CTM MWB 04-24 SJA DPP 04-24 BY CHK. DATE								
REVIEWED QUAN. CT DR. CT DES. SJ B								

2'-7" LAP SPLICE

A0502 TO A0803

17'-11"

A0901



THIS DRAWING IS FURNISHED FOR INFORMATION ONLY. ALL DIMENSIONS SHOWN ARE SHEET SPECIFIC. ANY USE OF THIS DESIGN AND DRAWING, INCLUDING DIMENSIONS, MUST BE CHECKED BY THE USER'S ENGINEER TO ENSURE DESIGN IS ADEQUATE FOR THE INTENDED USE. ALL DRAWINGS MUST BE SIGNED AND SEALED BY A SOUTH CAROLINA REGISTERED PROFESSIONAL ENGINEER WHEN USED.

BRIDGE PLANS ID	
####-####	

SHEET ####

MADU	NO.]	DIMENS	ION		LENCTI		
MARK	REQ'D	"a"	"b"	"c"	"d"	"e"	LENGTH		
A0401	12	25'-2"				-	25'-2"		
A0501	304	41'-11"				- [41'-11"		
A0502	90	14'-6"				- [14'-6"		
A0503	80	39'-4"		- [- [39'-4"		
A0601	84	22'-0"				-	22'-0"		
A0701	42	23'-0"				-	23'-0"		
A0801	45	36'-2"		-		-	36'-2"		
A0802	90	60'-0"				- [60'-0"		
A0803	180	34'-7"		-		-	34'-7"		
A0901	84	25'-6"				- [25'-6"		
A0902	84	19'-0"		-		-	19'-0"		
A1001	84	20'-0"				-	20'-0"		
B0501	140	5'-0"	7"			- [- 5'-7"		
B0601	24	7'-0"	8"			- [- 7'-8"		
J0501	330	5½"	3'-3	"		- [- 7'-0"		
K0401	104	4½"	1'-2	" 1'-2"		- [4'-3"		
KB0401	52	4½"	1'-2	" 8"			3'-9"		
L0501	330	10"	3'-3	" 6¼"	3'-3	"	· 7'-11"		
SB	2"	HT.		Α	S NECE	ESSARY			
CHCU	8"]	HT.		Α	S NECE	ESSARY			
ESTIMATED QUANTITIES									
	ITE	М		UNIT		150' S	PAN		
2.0" SC	H. 80 PV	/C CONI	DUIT	LF	600.0				
CONCR	RETE, CL	ASS 400	00	CY	317.2				
REINFO	ORCING	STEEL		LB		84,8	59		
	CONCRE ER PARA			LF		300	.0		
	OMERIC BLY (FI			EA		6			

NOTES:

CAST THE 150' CONTINUOUS UNIT IN TWO POURS USING A SUITABLE SCREED AND THE KEYED CONSTRUCTION JOINT SHOWN. USE AN APPROVED RETARDING AGENT AND ESTABLISH AND MAINTAIN A MINIMUM POURING RATE OF 45 CY PER HOUR UNLESS APPROVED OTHERWISE BY THE RCE.

DO NOT REMOVE SLAB FALSEWORK UNTIL THE ENTIRE 150' SPAN UNIT HAS BEEN POURED AND CURED ACCORDING TO SECTION 702 OF THE STANDARD SPECIFICATIONS.

CAST BARRIER PARAPET CONCRETE AFTER SLAB FALSEWORK HAS BEEN STRUCK.

FOR ARMOR PLATE DETAIL, SEE "GENERAL DETAILS" SHEET.

FOR TYPICAL SECTION, SECTION THRU BARRIER PARAPET, SLAB BUILD-DOWN DETAILS AND DRAIN DETAILS, SEE "150' FLAT SLAB UNIT (5 SPAN) SUPERSTRUCTURE DETAILS" SHEET.

FOR SLAB DRAIN LOCATIONS, SEE "BRIDGE PLAN AND PROFILE" SHEET.

FOR REINFORCING BENDING DETAILS, SEE "REINFORCING BENDING DETAILS" SHEETS.

${\mathbb H}$ mash barrier parapet

光光 ALTERNATE SPLICE LOCATIONS ON ALTERNATE BARS

光光光 ONLY ONE CONSTRUCTION JOINT IS ALLOWED IN THE 150' CONTINUOUS UNIT.

CONSULTANT NAME/LOGO

SOUTH CAROLINA

DEPARTMENT OF TRANSPORTATION

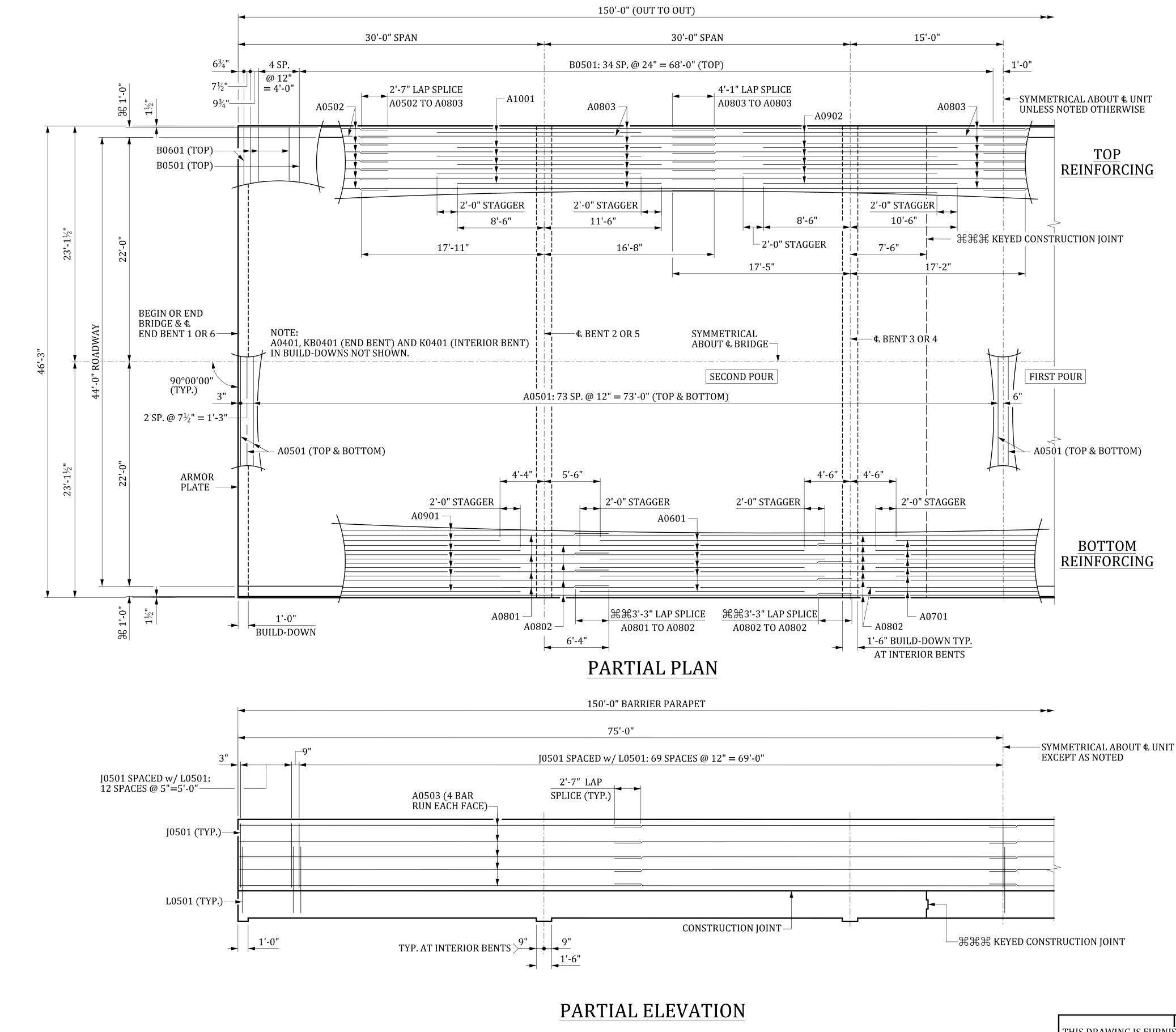
150' FLAT SLAB UNIT (5 SPAN) SUPERSTRUCTURE (40'-0" ROADWAY)

COUNTY: ####

ROUTE: ####

DRAWING NUMBER: 702-FS.S150.5SP.R40

			MBree	land 6/	26/202	MBreeland 6/26/2024 4:29:39]	9 PM 702_FS_150.dgn
CTM MWB 04-24	4-	24	REV.				
CTM MWB 04-24	4-	24	REV.				
DPP 04-24	4	24	REV.				
CHK. DATE	AT	Е		ВΥ		CHK DATE D	DESCRIPTION OF REVISION



THIS DRAWING IS FURNISHED FOR INFORMATION ONLY. ALL DIMENSIONS SHOWN ARE SHEET SPECIFIC. ANY USE OF THIS DESIGN AND DRAWING, INCLUDING DIMENSIONS, MUST BE CHECKED BY THE USER'S ENGINEER TO ENSURE DESIGN IS ADEQUATE FOR THE INTENDED USE. ALL DRAWINGS MUST BE SIGNED AND SEALED BY A SOUTH CAROLINA REGISTERED PROFESSIONAL ENGINEER WHEN USED.

BRIDGE PLANS ID	
####-####	

SHEET ####

REINFORCING STEEL SCHEDULE										
MADIZ	NO.		Ι	DI	MENSI	ON		LENGTH		
MARK	REQ'D	"a"	"b"		"c"	"d"	"e"			
A0401	12	29'-2"		-				29'-2"		
A0501	304	45'-11"		-				45'-11"		
A0502	98	14'-6"		-				14'-6"		
A0503	80	39'-4"		-				39'-4"		
A0601	92	22'-0"		-				22'-0"		
A0701	46	23'-0"		-				23'-0"		
A0801	49	36'-2"		-				36'-2"		
A0802	98	60'-0"		-				60'-0"		
A0803	196	34'-7"		-				34'-7"		
A0901	92	25'-6"		-				25'-6"		
A0902	92	19'-0"		-				19'-0"		
A1001	92	20'-0"		-				20'-0"		
B0501	140	5'-0"	7"					5'-7"		
B0601	24	7'-0"	8"					7'-8"		
J0501	330	5½"	3'-3	"				7'-0"		
K0401	120	4½"	1'-2	"	1'-2"			4'-3"		
KB0401	60	4½"	1'-2"		8"			3'-9"		
L0501	330	10"	3'-3	"	6¼"	3'-3"		7'-11"		
SB 2" HT.					AS	NECES	SARY			
CHCU 8" HT.					AS	NECES	SARY			
ESTIMATED QUANTITIES										
ITEM					UNIT 150' SPAN					
2.0" SC	2.0" SCH. 80 PVC CONDUIT					600.0				
CONCR	CONCRETE, CLASS 4000					347.5				
REINFO	ORCING	STEEL			LB	91,843				
	CONCRE ER PARA				LF		300.0)		
		E BEARIN LAT SLA			EA		6			

NOTES:

CAST THE 150' CONTINUOUS UNIT IN TWO POURS USING A SUITABLE SCREED AND THE KEYED CONSTRUCTION JOINT SHOWN. USE AN APPROVED RETARDING AGENT AND ESTABLISH AND MAINTAIN A MINIMUM POURING RATE OF 45 CY PER HOUR UNLESS APPROVED OTHERWISE BY THE RCE.

DO NOT REMOVE SLAB FALSEWORK UNTIL THE ENTIRE 150' SPAN UNIT HAS BEEN POURED AND CURED ACCORDING TO SECTION 702 OF THE STANDARD SPECIFICATIONS.

CAST BARRIER PARAPET CONCRETE AFTER SLAB FALSEWORK HAS BEEN STRUCK.

FOR ARMOR PLATE DETAIL, SEE "GENERAL DETAILS" SHEET.

FOR TYPICAL SECTION, SECTION THRU BARRIER PARAPET, SLAB BUILD-DOWN DETAILS AND DRAIN DETAILS, SEE "150' FLAT SLAB UNIT (5 SPAN) SUPERSTRUCTURE DETAILS" SHEET.

FOR SLAB DRAIN LOCATIONS, SEE "BRIDGE PLAN AND PROFILE" SHEET.

FOR REINFORCING BENDING DETAILS, SEE "REINFORCING BENDING DETAILS" SHEETS.

 \mathfrak{H} MASH BARRIER PARAPET

光光 ALTERNATE SPLICE LOCATIONS ON ALTERNATE BARS

光光光 ONLY ONE CONSTRUCTION JOINT IS ALLOWED IN THE 150' CONTINUOUS UNIT.

CONSULTANT NAME/LOGO

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION

150' FLAT SLAB UNIT (5 SPAN) SUPERSTRUCTURE

(44'-0" ROADWAY)

COUNTY: ####

ROUTE: ####

DRAWING NUMBER: 702-FS.S150.5SP.R44