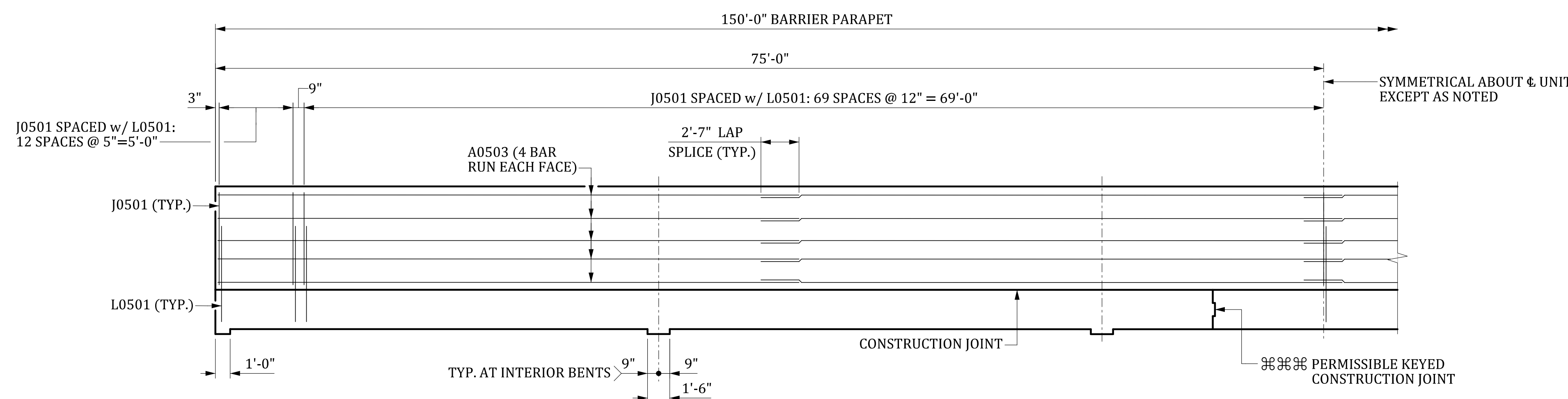


PARTIAL PLAN



PARTIAL ELEVATION

REINFORCING STEEL SCHEDULE							
MARK	NO. REQ'D	DIMENSION					LENGTH
		"a"	"b"	"c"	"d"	"e"	
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	5 1/2"	3'-3"				7'-0"
K0401	80	4 1/2"	1'-2"	1'-2"			4'-3"
KB0401	40	4 1/2"	1'-2"	8"			3'-9"
L0501	330	10"	3'-3"	6 1/4"	3'-3"		7'-11"
SB	2" HT.	AS NECESSARY					
CHCU	8" HT.	AS NECESSARY					

ESTIMATED QUANTITIES		
ITEM	UNIT	150' SPAN
2.0" SCH. 80 PVC CONDUIT	LF	600.0
CONCRETE, CLASS 4000	CY	271.8
REINFORCING STEEL	LB	74,384
MASH CONCRETE BARRIER PARAPET	LF	300.0
ELASTOMERIC BEARING ASSEMBLY (FLAT SLAB)	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 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 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.

⌘ MASH BARRIER PARAPET

⌘⌘ ALTERNATE SPLICE LOCATIONS ON ALTERNATE BARS

⌘⌘⌘ 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)	
COUNTY: #####	ROUTE: #####

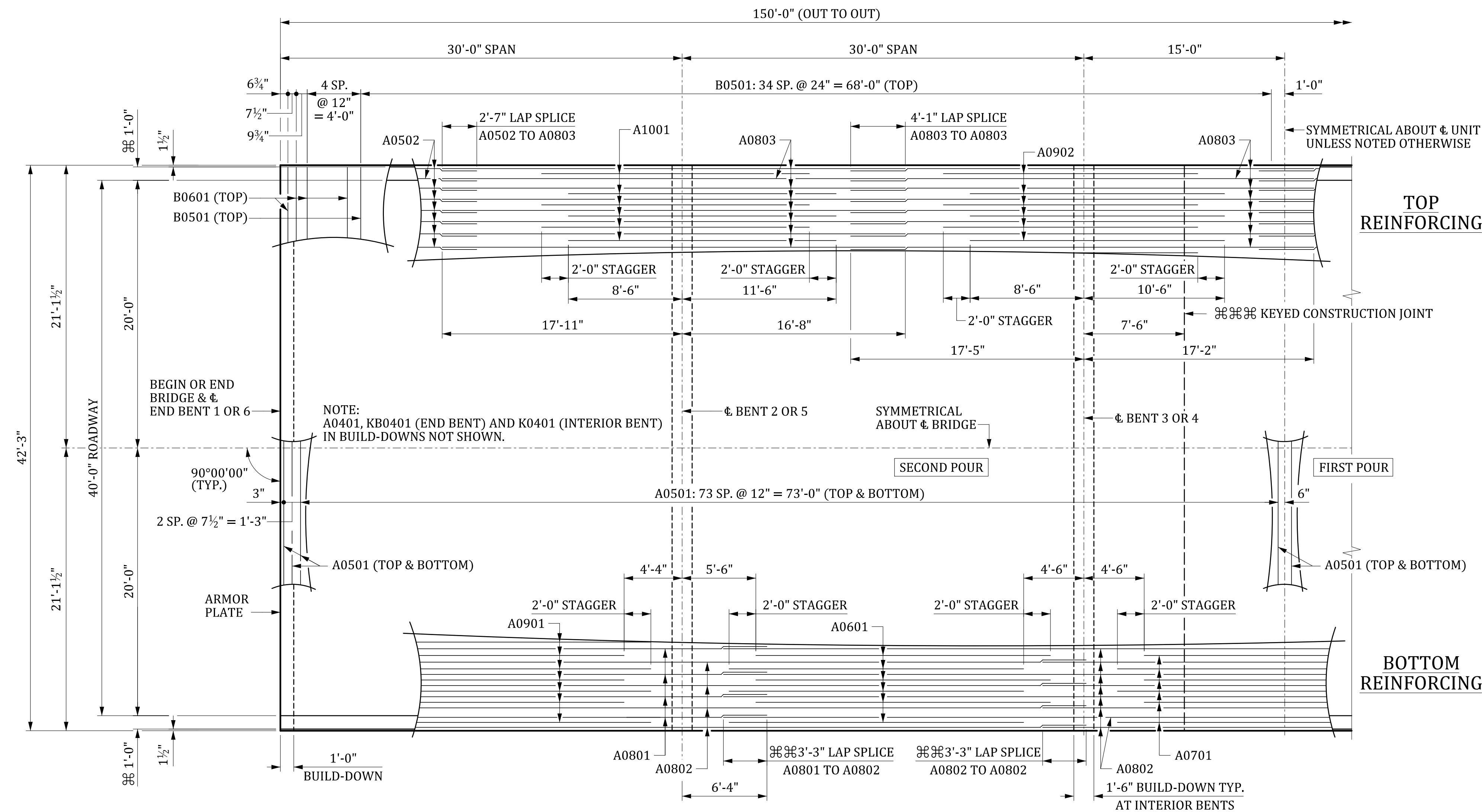
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REVIEWED	CTM	MWB	04-24
QUAN.	CTM	MWB	04-24
DR.	SJA	DPP	04-24
DES.	BY	CHK.	DATE

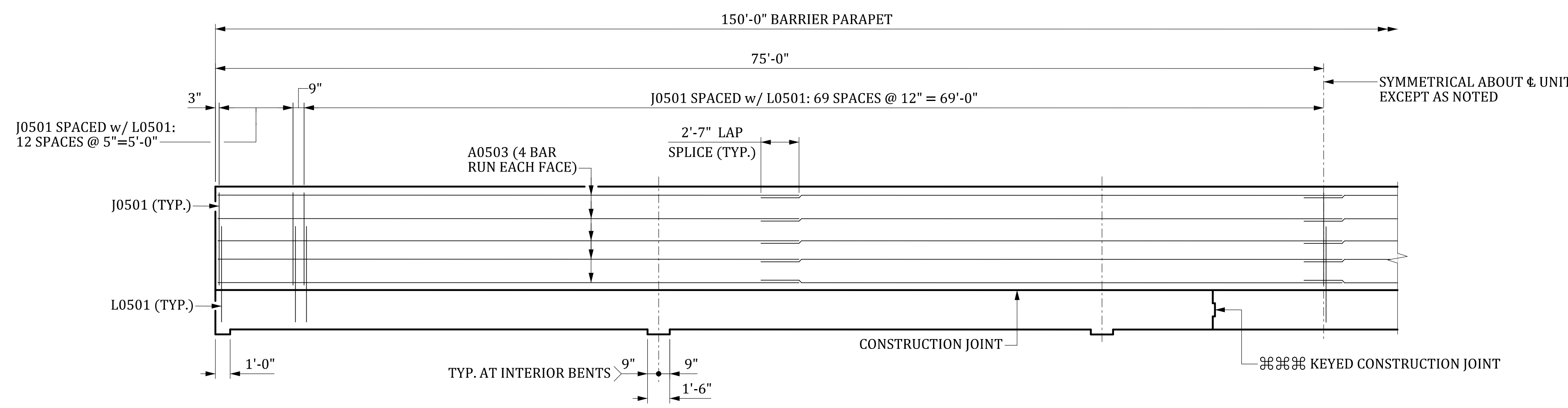
  

REV.	BY	CHK.	DATE	DESCRIPTION OF REVISION

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PARTIAL PLAN



PARTIAL ELEVATION

REINFORCING STEEL SCHEDULE						
MARK	NO. REQ'D	DIMENSION				LENGTH
		"a"	"b"	"c"	"d"	
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.				AS NECESSARY
CHCU		8" HT.				AS NECESSARY

ESTIMATED QUANTITIES		
ITEM	UNIT	150' SPAN
2.0" SCH. 80 PVC CONDUIT	LF	600.0
CONCRETE, CLASS 4000	CY	317.2
REINFORCING STEEL	LB	84,859
MASH CONCRETE BARRIER PARAPET	LF	300.0
ELASTOMERIC BEARING ASSEMBLY (FLAT SLAB)	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.

⊘ MASH BARRIER PARAPET

⊘⊘ ALTERNATE SPLICE LOCATIONS ON ALTERNATE BARS

⊘⊘⊘ 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: #####

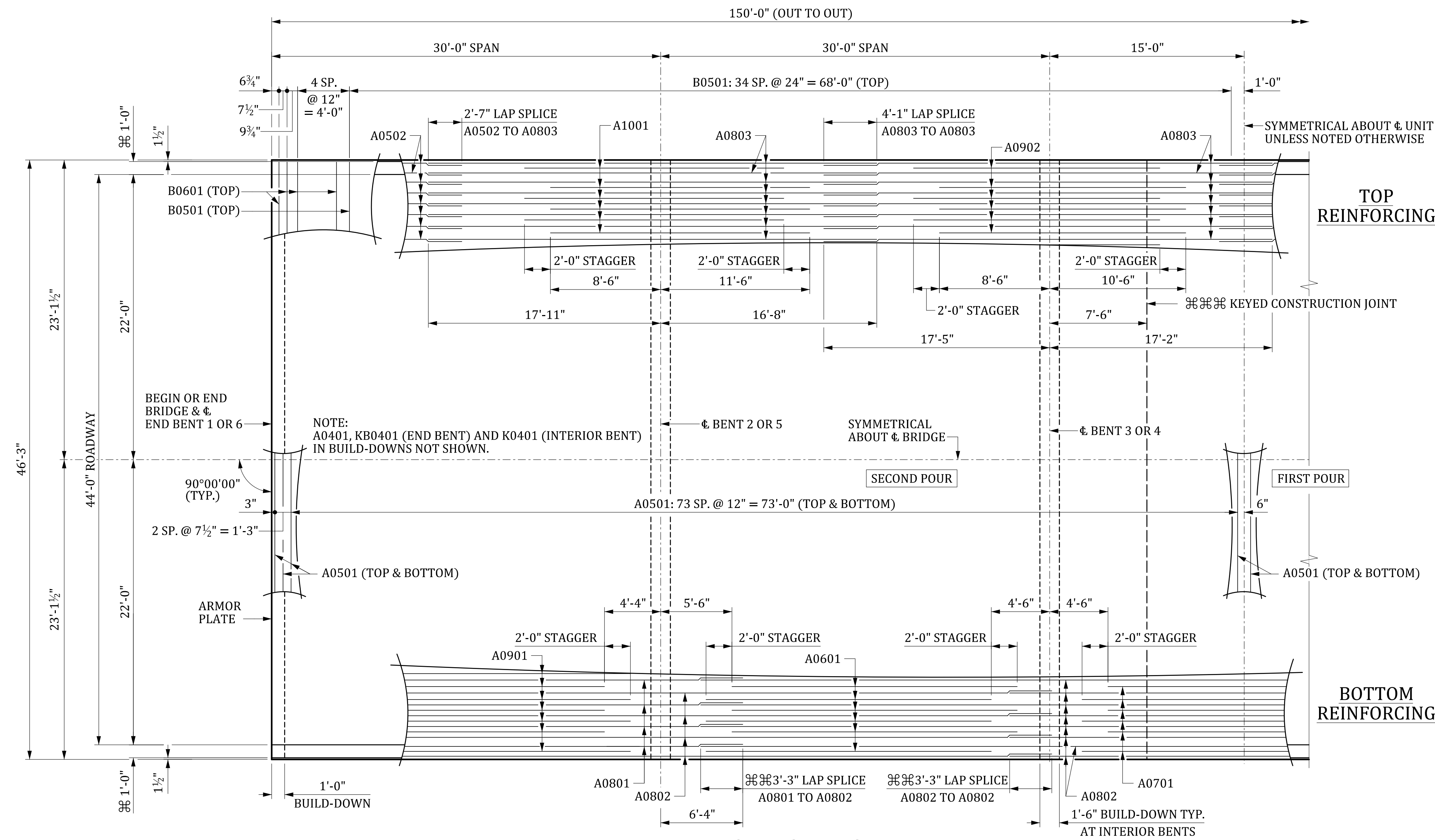
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REV.	BY	CHK.	DATE	DESCRIPTION OF REVISION

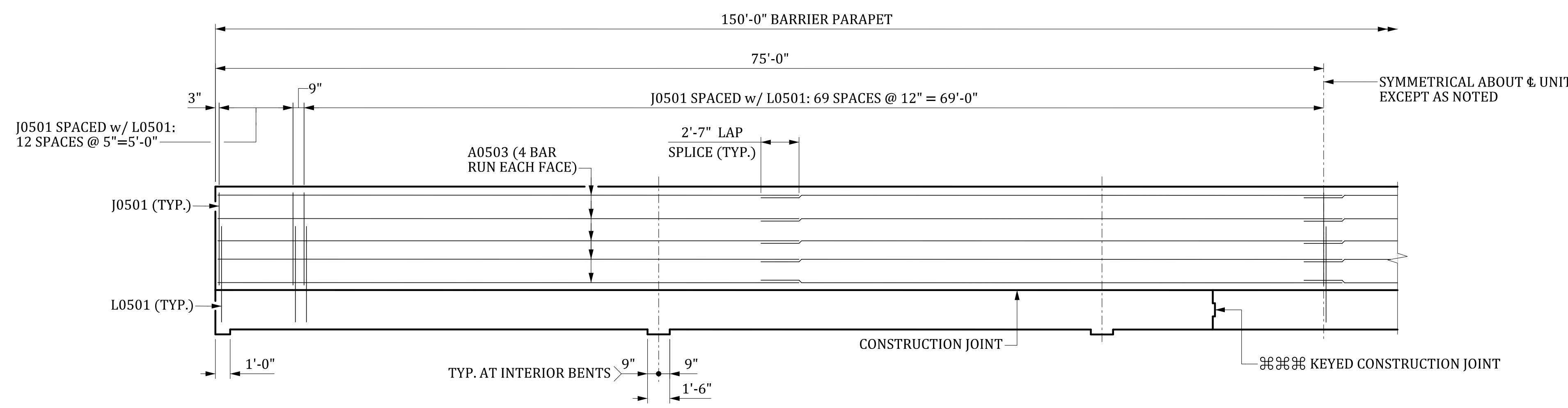
  

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PARTIAL PLAN



PARTIAL ELEVATION

REINFORCING STEEL SCHEDULE							
MARK	NO. REQ'D	DIMENSION					LENGTH
		"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	5 1/2"	3'-3"				7'-0"
K0401	120	4 1/2"	1'-2"	1'-2"			4'-3"
KB0401	60	4 1/2"	1'-2"	8"			3'-9"
L0501	330	10"	3'-3"	6 1/4"	3'-3"		7'-11"
SB		2" HT.	AS NECESSARY				
CHCU		8" HT.	AS NECESSARY				
ESTIMATED QUANTITIES							
ITEM	UNIT	150' SPAN					
2.0" SCH. 80 PVC CONDUIT	LF	600.0					
CONCRETE, CLASS 4000	CY	347.5					
REINFORCING STEEL	LB	91,843					
MASH CONCRETE BARRIER PARAPET	LF	300.0					
ELASTOMERIC BEARING ASSEMBLY (FLAT SLAB)	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.

⊗ MASH BARRIER PARAPET

⊗⊗ ALTERNATE SPLICE LOCATIONS ON ALTERNATE BARS

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

CONSULTANT NAME/LOGO
SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
<b>150' FLAT SLAB UNIT (5 SPAN) SUPERSTRUCTURE (44'-0" ROADWAY)</b>
COUNTY: ##### ROUTE: #####

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REVIEWED	CTM	MWB	04-24
QUAN.	CTM	MWB	04-24
DR.	SJA	DPP	04-24
DES.	BY	CHK.	DATE

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