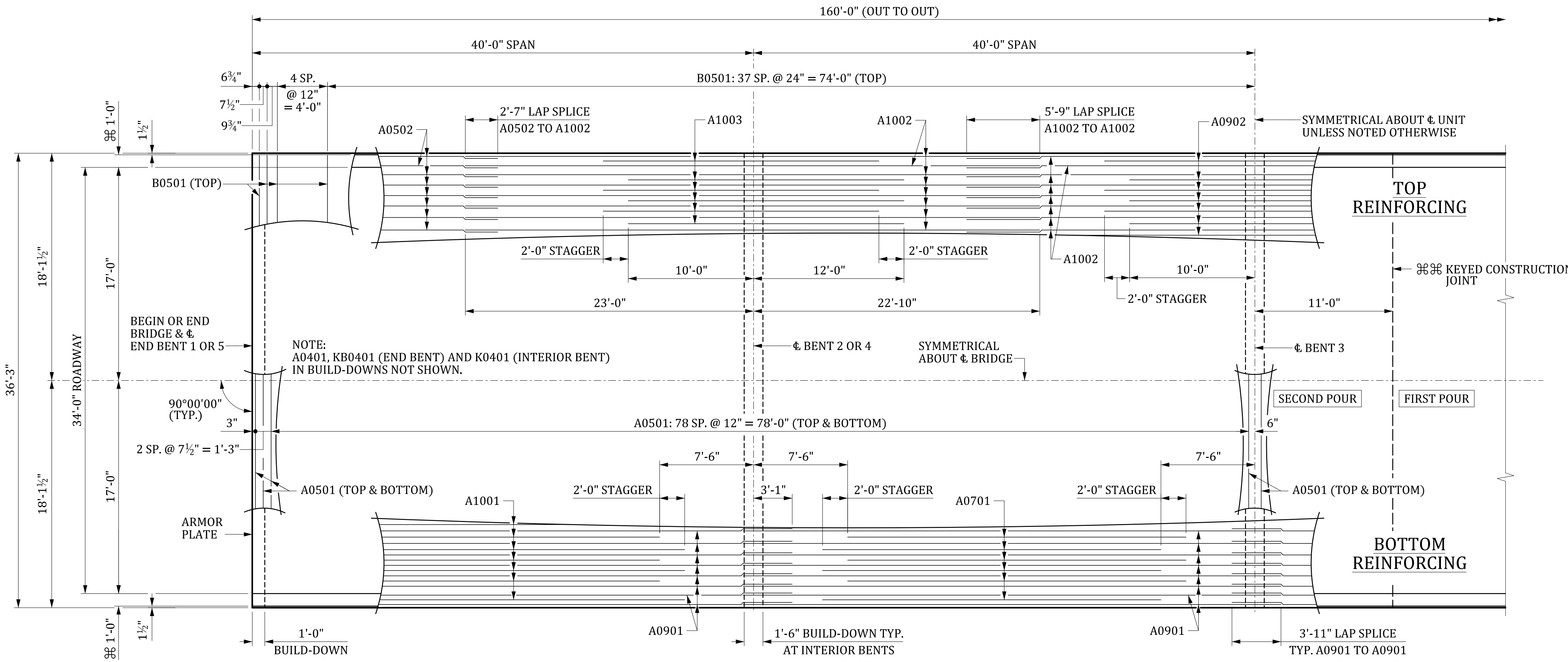
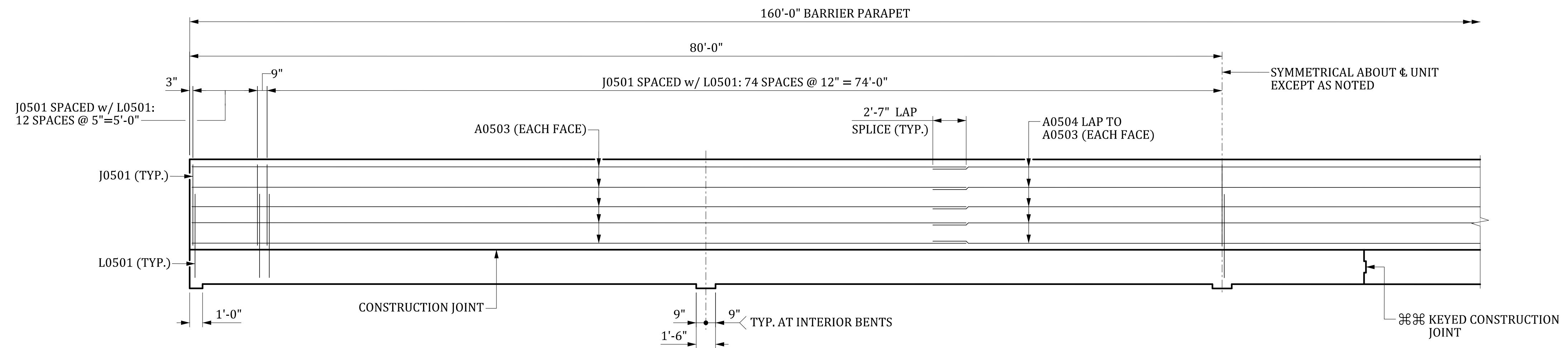


REINFORCING STEEL SCHEDULE							
MARK	NO. REQ'D	DIMENSION					LENGTH
		"a"	"b"	"c"	"d"	"e"	
A0401	10	19'-2"				19'-2"	
A0501	324	35'-11"				35'-11"	
A0502	78	19'-5"				19'-5"	
A0503	40	60'-0"				60'-0"	
A0504	20	44'-10"				44'-10"	
A0701	72	27'-0"				27'-0"	
A0901	156	42'-11"				42'-11"	
A0902	36	22'-0"				22'-0"	
A1001	72	32'-4"				32'-4"	
A1002	117	45'-10"				45'-10"	
A1003	72	22'-0"				22'-0"	
B0501	174	5'-0"	7"			5'-7"	
J0501	350	5½"	3'-3"			7'-0"	
K0401	60	4½"	1'-6"	1'-2"		4'-11"	
KB0401	40	4½"	1'-6"	8"		4'-5"	
L0501	350	10"	3'-7"	6¼"	3'-7"	8'-7"	
SB		2" HT.				AS NECESSARY	
CHCU		11¾" HT.				AS NECESSARY	
ESTIMATED QUANTITIES							
ITEM	UNIT	160' SPAN					
2.0" SCH. 80 PVC CONDUIT	LF	640.0					
CONCRETE, CLASS 4000	CY	360.7					
REINFORCING STEEL	LB	93,637					
MASH CONCRETE BARRIER PARAPET	LF	320.0					
ELASTOMERIC BEARING ASSEMBLY (FLAT SLAB)	EA	5					



PARTIAL PLAN



PARTIAL ELEVATION

NOTES:

CAST THE 160' 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 160' 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 "160' FLAT SLAB UNIT (4 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

☞☞ ONLY ONE CONSTRUCTION JOINT IS ALLOWED IN THE 160' CONTINUOUS UNIT.

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.

CONSULTANT NAME/LOGO

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION

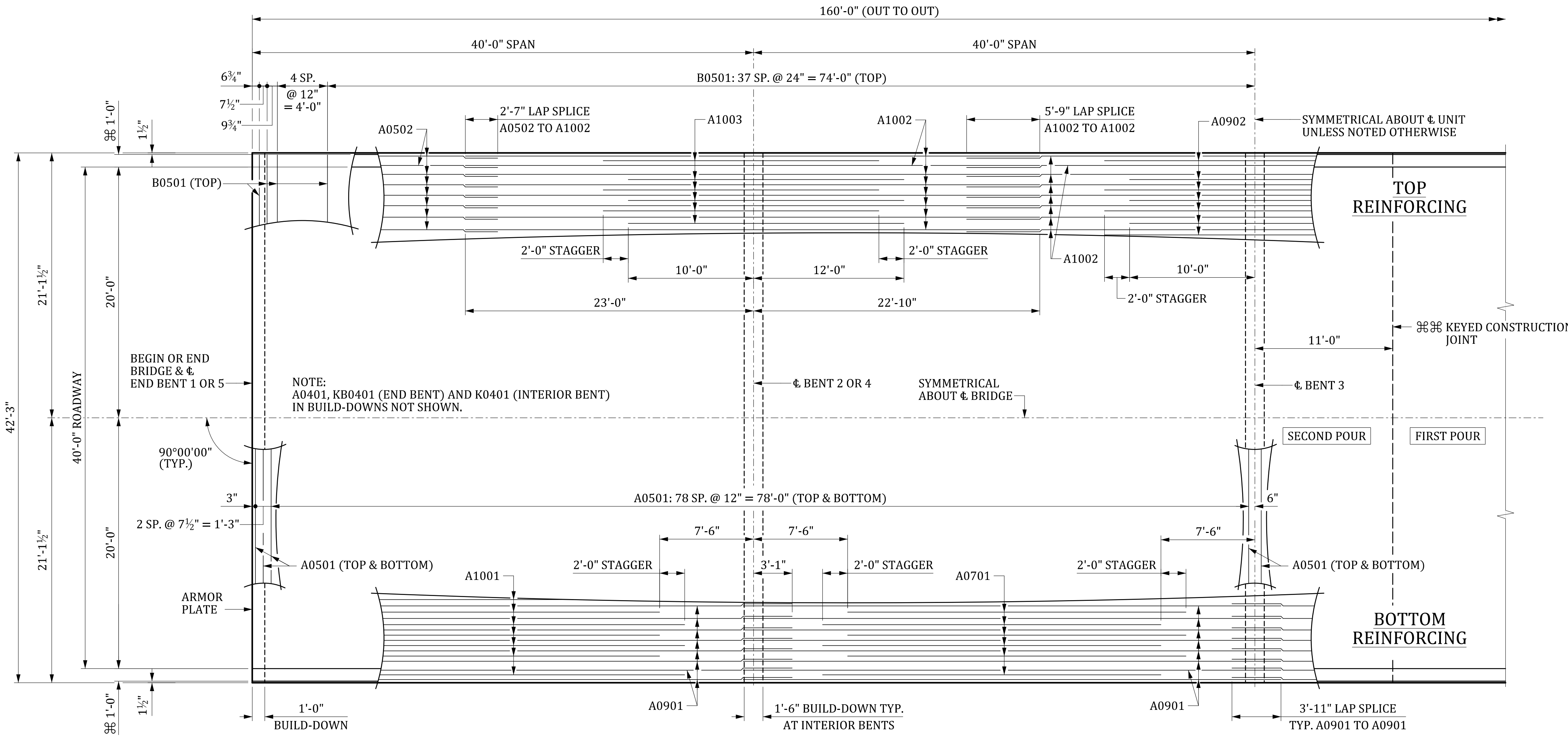
160' FLAT SLAB UNIT (4 SPAN) SUPERSTRUCTURE (34'-0" ROADWAY)

COUNTY: ##### ROUTE: #####

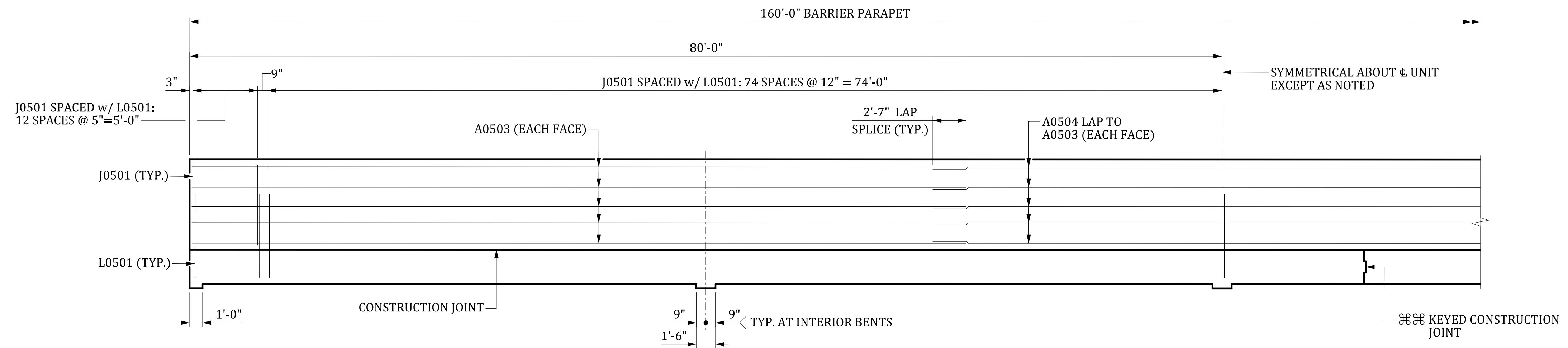
REVIEWED	QUAN.	DR.	DES.	BY	CHK.	DATE	DESCRIPTION OF REVISION

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REINFORCING STEEL SCHEDULE							
MARK	NO. REQ'D	DIMENSION					LENGTH
		"a"	"b"	"c"	"d"	"e"	
A0401	10	25'-2"					25'-2"
A0501	324	41'-11"					41'-11"
A0502	90	19'-5"					19'-5"
A0503	40	60'-0"					60'-0"
A0504	20	44'-10"					44'-10"
A0701	84	27'-0"					27'-0"
A0901	180	42'-11"					42'-11"
A0902	42	22'-0"					22'-0"
A1001	84	32'-4"					32'-4"
A1002	135	45'-10"					45'-10"
A1003	84	22'-0"					22'-0"
B0501	174	5'-0"	7"				5'-7"
J0501	350	5½"	3'-3"				7'-0"
K0401	78	4½"	1'-6"	1'-2"			4'-11"
KB0401	52	4½"	1'-6"	8"			4'-5"
L0501	350	10"	3'-7"	6¼"	3'-7"		8'-7"
SB		2" HT.					AS NECESSARY
CHCU		11¾" HT.					AS NECESSARY
ESTIMATED QUANTITIES							
ITEM	UNIT	160' SPAN					
2.0" SCH. 80 PVC CONDUIT	LF	640.0					
CONCRETE, CLASS 4000	CY	420.7					
REINFORCING STEEL	LB	107,011					
MASH CONCRETE BARRIER PARAPET	LF	320.0					
ELASTOMERIC BEARING ASSEMBLY (FLAT SLAB)	EA	5					



PARTIAL PLAN



PARTIAL ELEVATION

NOTES:

CAST THE 160' 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 50 CY PER HOUR UNLESS APPROVED OTHERWISE BY THE RCE.

DO NOT REMOVE SLAB FALSEWORK UNTIL THE ENTIRE 160' 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 "160' FLAT SLAB UNIT (4 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

⊠⊠ ONLY ONE CONSTRUCTION JOINT IS ALLOWED IN THE 160' CONTINUOUS UNIT.

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CONSULTANT NAME/LOGO

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION

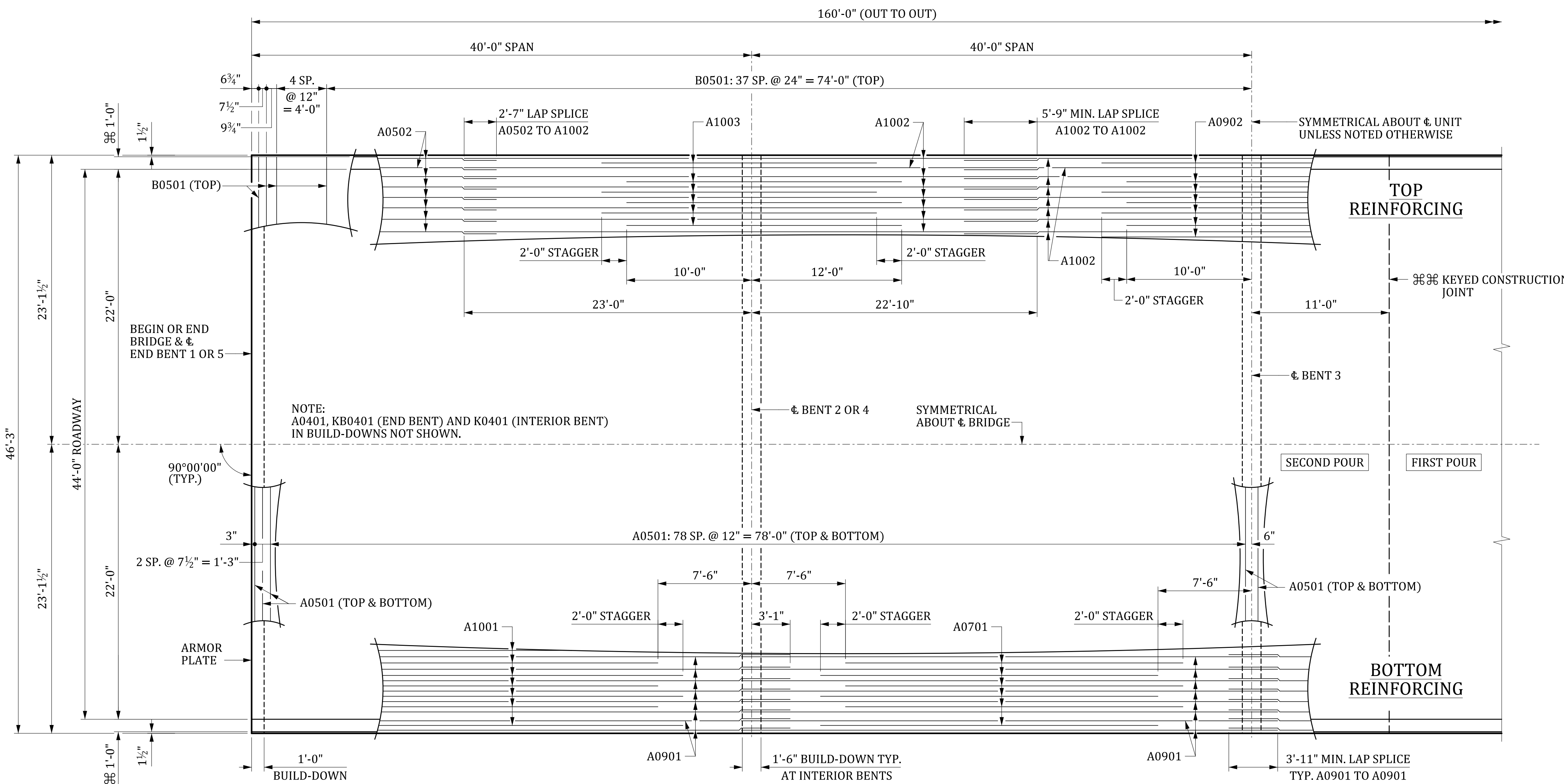
160' FLAT SLAB UNIT (4 SPAN) SUPERSTRUCTURE (40'-0" ROADWAY)

COUNTY: ##### ROUTE: #####

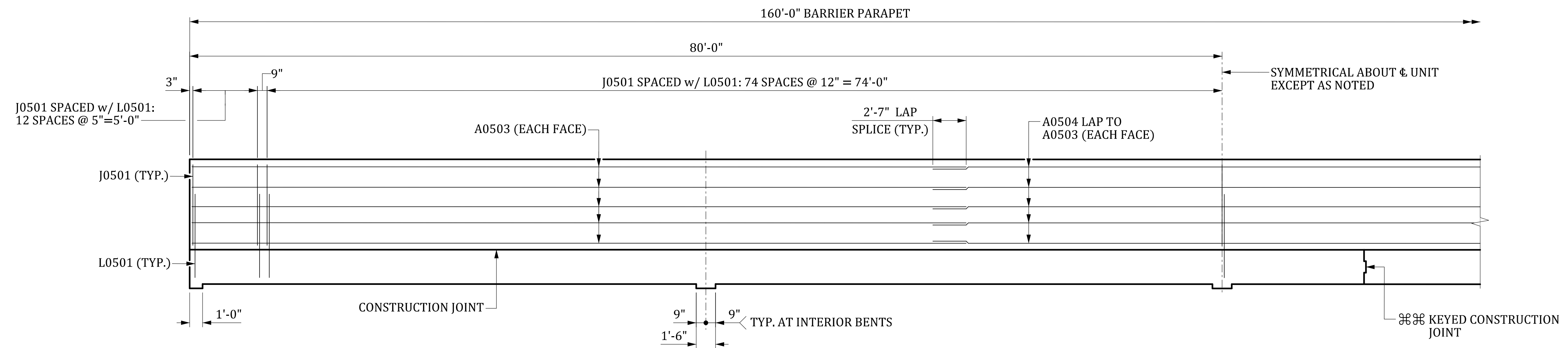
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REV.	BY	CHK.	DATE	DESCRIPTION OF REVISION

REVIEWED	QUAN.	DR.	DES.	GMC	SIA	BY	CHK.	DATE



PARTIAL PLAN



PARTIAL ELEVATION

REINFORCING STEEL SCHEDULE							
MARK	NO. REQ'D	DIMENSION					LENGTH
		"a"	"b"	"c"	"d"	"e"	
A0401	10	29'-2"				29'-2"	
A0501	324	45'-11"				45'-11"	
A0502	98	19'-5"				19'-5"	
A0503	40	60'-0"				60'-0"	
A0504	20	44'-10"				44'-10"	
A0701	92	27'-0"				27'-0"	
A0901	196	42'-11"				42'-11"	
A0902	46	22'-0"				22'-0"	
A1001	92	32'-4"				32'-4"	
A1002	147	45'-10"				45'-10"	
A1003	92	22'-0"				22'-0"	
B0501	174	5'-0"	7"			5'-7"	
J0501	350	5 1/2"	3'-3"			7'-0"	
K0401	90	4 1/2"	1'-6"	1'-2"		4'-11"	
KB0401	60	4 1/2"	1'-6"	8"		4'-5"	
L0501	350	10"	3'-7"	6 1/4"	3'-7"	8'-7"	
SB		2" HT.	AS NECESSARY				
CHCU		1 1/4" HT.	AS NECESSARY				

ESTIMATED QUANTITIES		
ITEM	UNIT	160' SPAN
2.0" SCH. 80 PVC CONDUIT	LF	640.0
CONCRETE, CLASS 4000	CY	460.8
REINFORCING STEEL	LB	115,927
MASH CONCRETE BARRIER PARAPET	LF	320.0
ELASTOMERIC BEARING ASSEMBLY (FLAT SLAB)	EA	5

NOTES:

CAST THE 160' 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 55 CY PER HOUR UNLESS APPROVED OTHERWISE BY THE RCE.

DO NOT REMOVE SLAB FALSEWORK UNTIL THE ENTIRE 160' 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 "160' FLAT SLAB UNIT (4 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

⊘⊘ ONLY ONE CONSTRUCTION JOINT IS ALLOWED IN THE 160' CONTINUOUS UNIT.

CONSULTANT NAME/LOGO

SOUTH CAROLINA
 DEPARTMENT OF TRANSPORTATION

**160' FLAT SLAB UNIT (4 SPAN)
 SUPERSTRUCTURE**
 (44'-0" ROADWAY)

COUNTY: #### ROUTE: ####

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REVIEWED	QUAN.	DR.	DES.	GMC	SIA	BY	CHK.	DATE