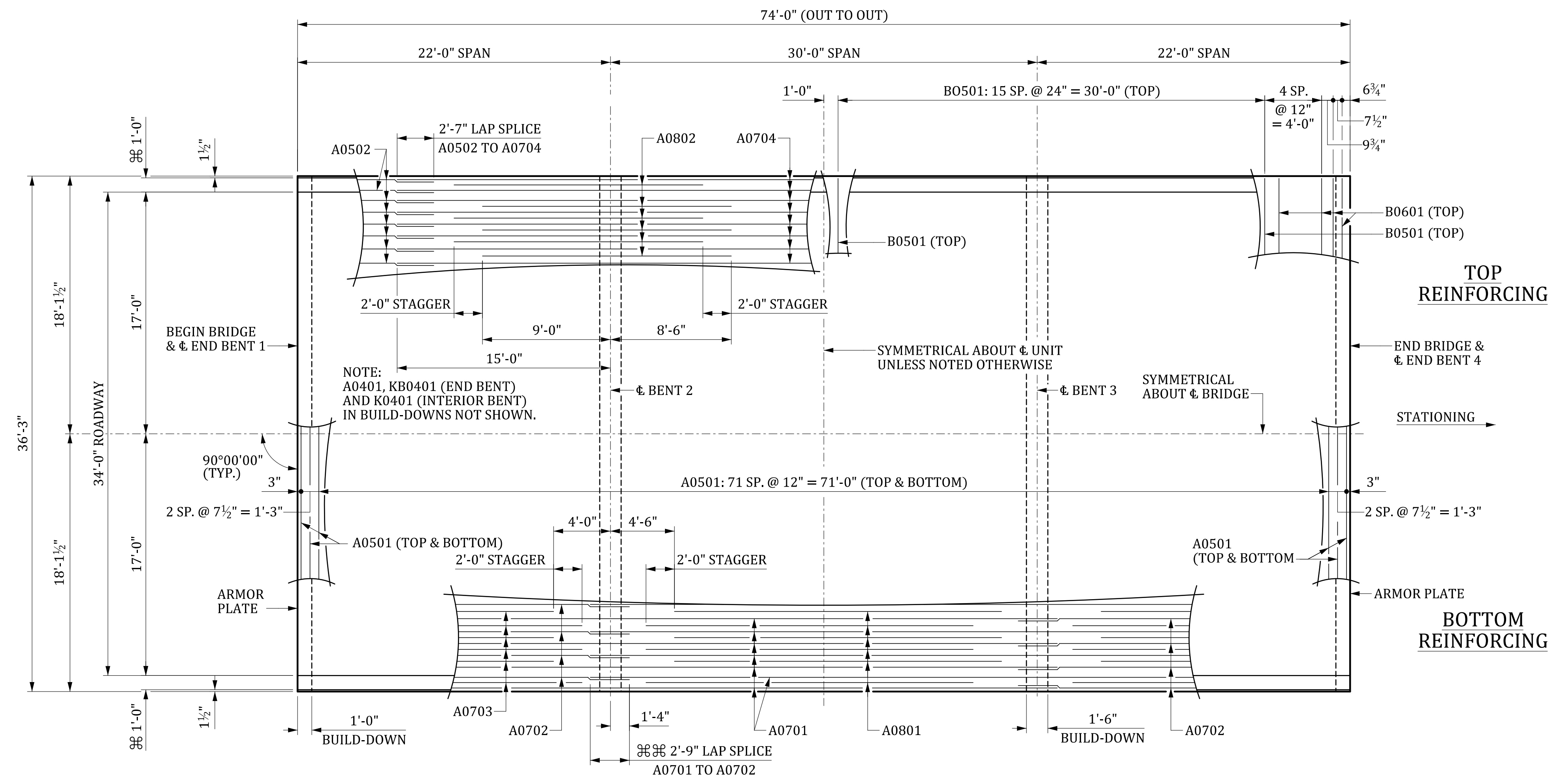
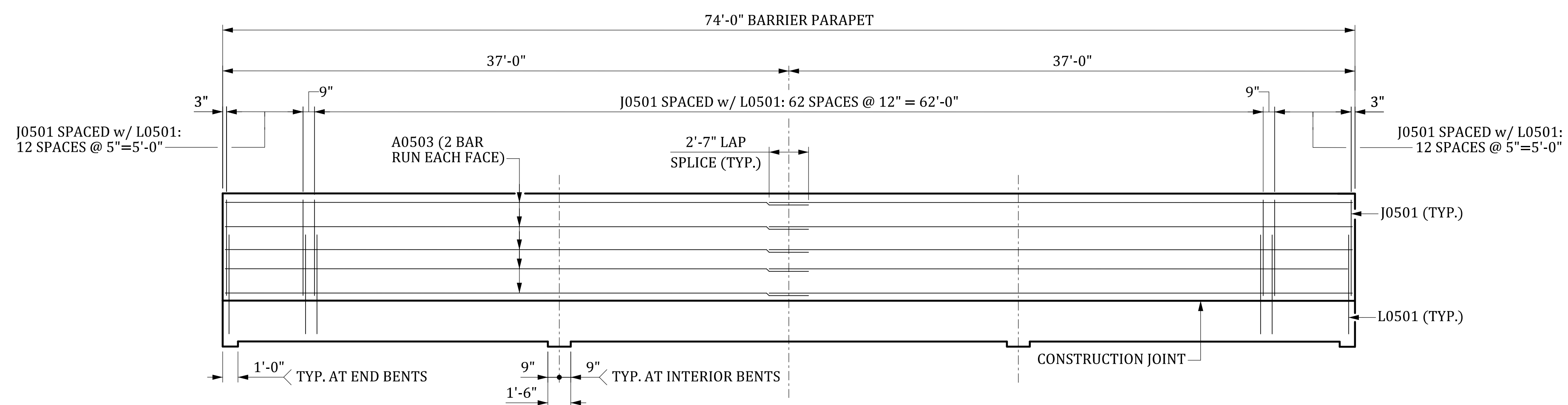


REINFORCING STEEL SCHEDULE						
MARK	NO. REQ'D	DIMENSION				LENGTH
		"a"	"b"	"c"	"d"	
A0401	8	19'-2"				19'-2"
A0501	152	35'-11"				35'-11"
A0502	78	9'-5"				9'-5"
A0503	40	38'-2"				38'-2"
A0701	39	53'-3"				53'-3"
A0702	39	23'-2"				23'-2"
A0703	72	17'-10"				17'-10"
A0704	39	60'-0"				60'-0"
A0801	36	23'-0"				23'-0"
A0802	72	17'-6"				17'-6"
B0501	64	5'-0"	7"			5'-7"
B0601	24	7'-0"	8"			7'-8"
J0501	178	5½"	3'-3"			7'-0"
K0401	40	4½"	1'-2"	1'-2"		4'-3"
KB0401	40	4½"	1'-2"	8"		3'-9"
L0501	178	10"	3'-3"	6¼"	3'-3"	7'-11"
SB		2" HT.	AS NECESSARY			
CHCU		8¼" HT.	AS NECESSARY			
ESTIMATED QUANTITIES						
ITEM	UNIT	74' SPAN				
2.0" SCH. 80 PVC CONDUIT	LF	296.0				
CONCRETE, CLASS 4000	CY	134.5				
REINFORCING STEEL	LB	30,861				
MASH CONCRETE BARRIER PARAPET	LF	148.0				
ELASTOMERIC BEARING ASSEMBLY (FLAT SLAB)	EA	4				



PLAN



ELEVATION

- NOTES:
- CAST THE 74' 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 45 CY PER HOUR UNLESS APPROVED OTHERWISE BY THE RCE.
 - DO NOT REMOVE SLAB FALSEWORK UNTIL THE ENTIRE 74' 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 "74' FLAT SLAB UNIT (3 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 AT BENTS 2 AND 3.

REV.	BY	CHK.	DATE	DESCRIPTION OF REVISION

REVIEWED	CTM	MWB	DATE

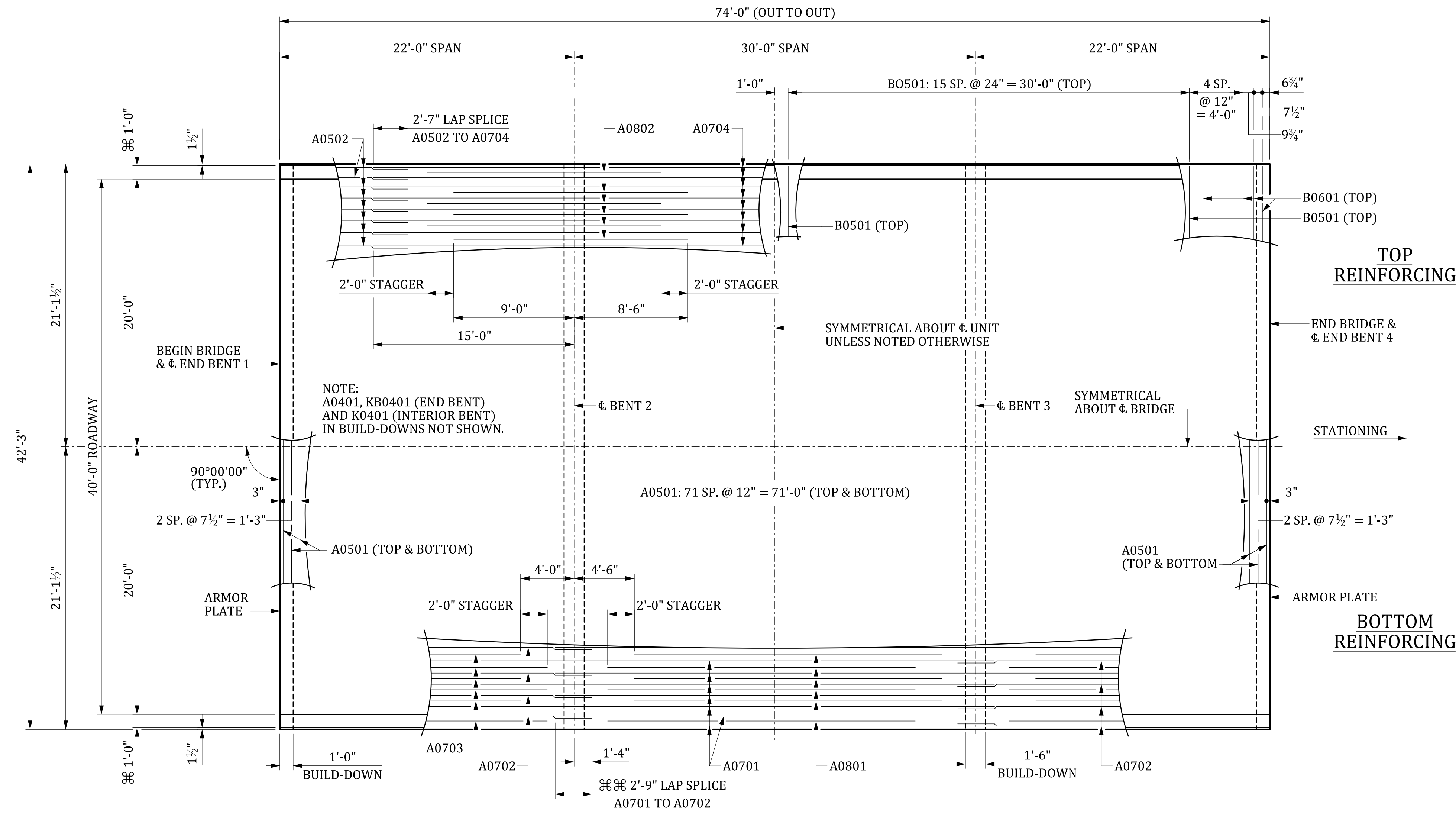
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CONSULTANT NAME/LOGO

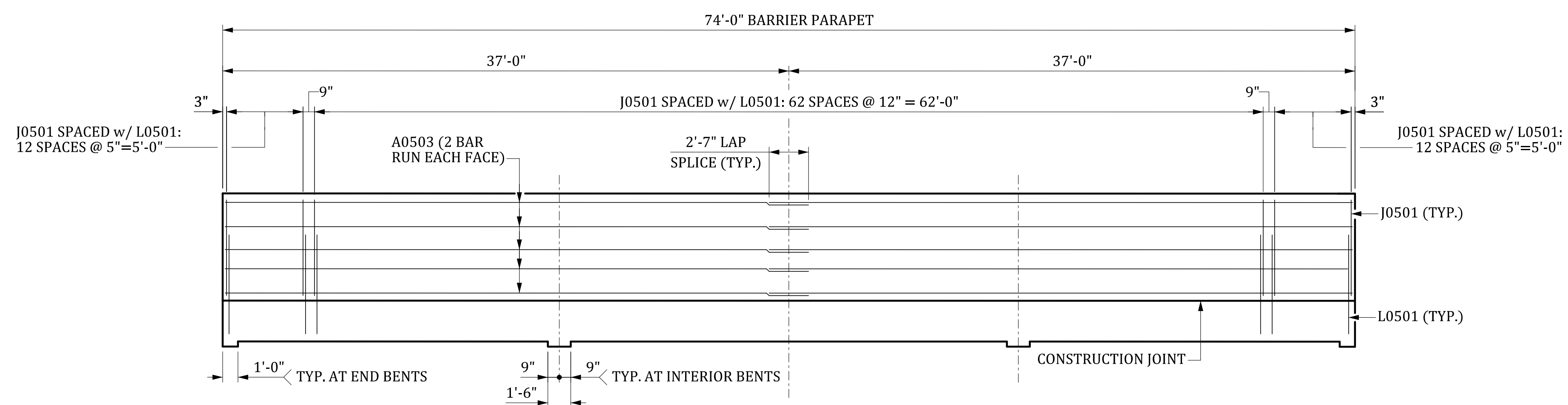
SOUTH CAROLINA
 DEPARTMENT OF TRANSPORTATION

**74' FLAT SLAB UNIT (3 SPAN)
 SUPERSTRUCTURE
 (34'-0" ROADWAY)**

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



PLAN



ELEVATION

REINFORCING STEEL SCHEDULE							
MARK	NO. REQ'D	DIMENSION					LENGTH
		"a"	"b"	"c"	"d"	"e"	
A0401	8	25'-2"				25'-2"	
A0501	152	41'-11"				41'-11"	
A0502	90	9'-5"				9'-5"	
A0503	40	38'-2"				38'-2"	
A0701	45	53'-3"				53'-3"	
A0702	45	23'-2"				23'-2"	
A0703	84	17'-10"				17'-10"	
A0704	45	60'-0"				60'-0"	
A0801	42	23'-0"				23'-0"	
A0802	84	17'-6"				17'-6"	
B0501	64	5'-0"	7"			5'-7"	
B0601	24	7'-0"	8"			7'-8"	
J0501	178	5 1/2"	3'-3"			7'-0"	
K0401	52	4 1/2"	1'-2"	1'-2"		4'-3"	
KB0401	52	4 1/2"	1'-2"	8"		3'-9"	
L0501	178	10"	3'-3"	6 1/4"	3'-3"	7'-11"	
SB		2" HT.	AS NECESSARY				
CHCU		8 1/4" HT.	AS NECESSARY				

ESTIMATED QUANTITIES		
ITEM	UNIT	74' SPAN
2.0" SCH. 80 PVC CONDUIT	LF	296.0
CONCRETE, CLASS 4000	CY	157.0
REINFORCING STEEL	LB	35,066
MASH CONCRETE BARRIER PARAPET	LF	148.0
ELASTOMERIC BEARING ASSEMBLY (FLAT SLAB)	EA	4

NOTES:

CAST THE 74' 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 45 CY PER HOUR UNLESS APPROVED OTHERWISE BY THE RCE.

DO NOT REMOVE SLAB FALSEWORK UNTIL THE ENTIRE 74' 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 "74' FLAT SLAB UNIT (3 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 AT BENTS 2 AND 3.

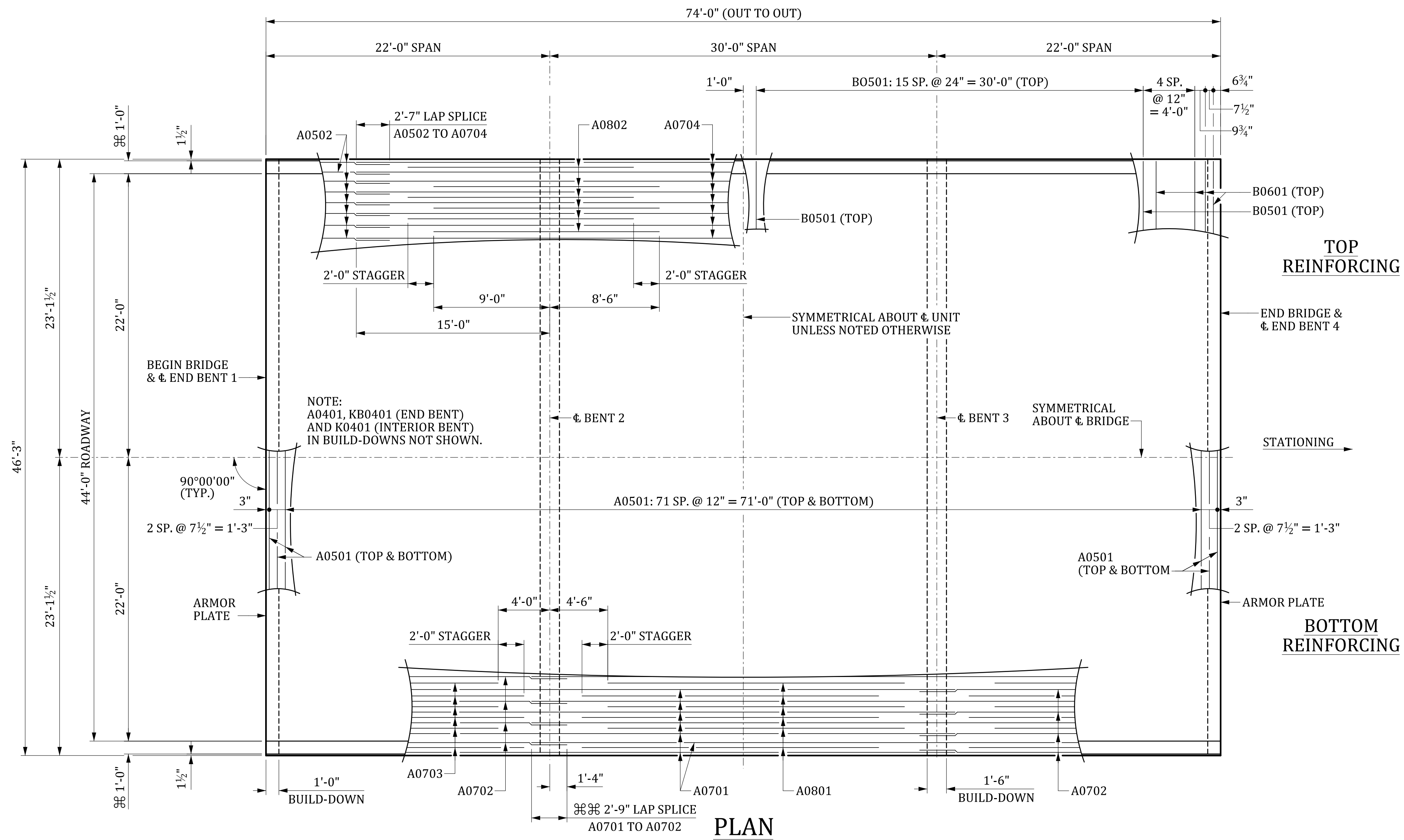
CONSULTANT NAME/LOGO
SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
74' FLAT SLAB UNIT (3 SPAN) SUPERSTRUCTURE (40'-0" ROADWAY)
COUNTY: ##### ROUTE: #####

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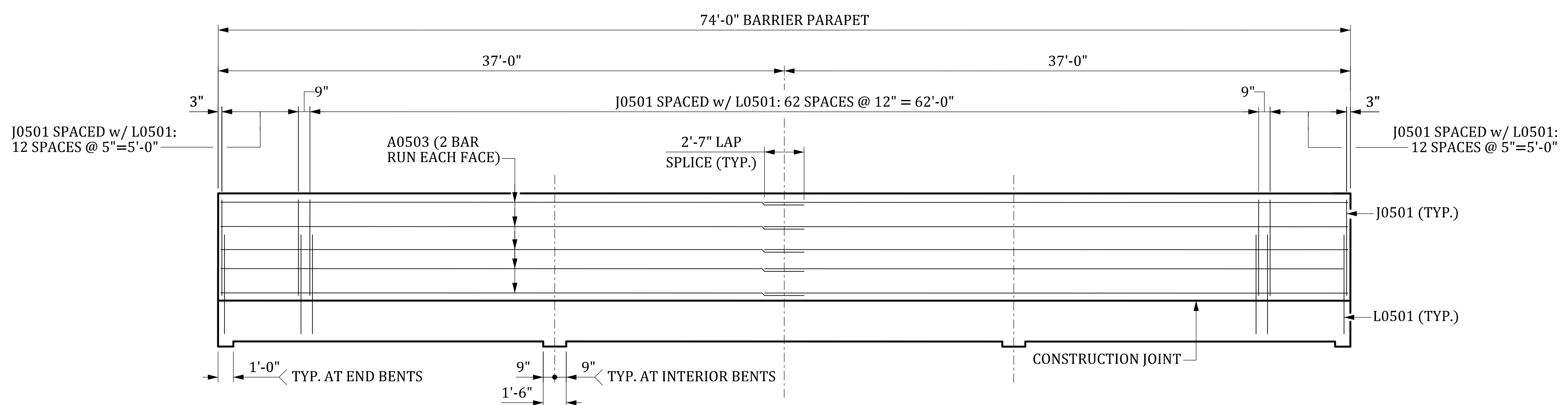
REV.	BY	CHK.	DATE	DESCRIPTION OF REVISION

REVIEWED	CTM	MWB	11-23
QUAN.	CTM	MWB	11-23
DR.	SJA	DPP	10-23
DES.	BY	CHK.	DATE

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PLAN



ELEVATION

REINFORCING STEEL SCHEDULE							
MARK	NO. REQ'D	DIMENSION					LENGTH
		"a"	"b"	"c"	"d"	"e"	
A0401	8	29'-2"					29'-2"
A0501	152	45'-11"					45'-11"
A0502	98	9'-5"					9'-5"
A0503	40	38'-2"					38'-2"
A0701	49	53'-3"					53'-3"
A0702	49	23'-2"					23'-2"
A0703	92	17'-10"					17'-10"
A0704	49	60'-0"					60'-0"
A0801	46	23'-0"					23'-0"
A0802	92	17'-6"					17'-6"
B0501	64	5'-0"	7"				5'-7"
B0601	24	7'-0"	8"				7'-8"
J0501	178	5 1/2"	3'-3"				7'-0"
K0401	60	4 1/2"	1'-2"	1'-2"			4'-3"
KB0401	60	4 1/2"	1'-2"	8"			3'-9"
L0501	178	10"	3'-3"	6 1/4"	3'-3"		7'-11"
SB		2" HT.	AS NECESSARY				
CHCU		8 1/4" HT.	AS NECESSARY				

ESTIMATED QUANTITIES		
ITEM	UNIT	74' SPAN
2.0" SCH. 80 PVC CONDUIT	LF	296.0
CONCRETE, CLASS 4000	CY	172.1
REINFORCING STEEL	LB	37,869
MASH CONCRETE BARRIER PARAPET	LF	148.0
ELASTOMERIC BEARING ASSEMBLY (FLAT SLAB)	EA	4

NOTES:

CAST THE 74' 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 45 CY PER HOUR UNLESS APPROVED OTHERWISE BY THE RCE.

DO NOT REMOVE SLAB FALSEWORK UNTIL THE ENTIRE 74' 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 "74' FLAT SLAB UNIT (3 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 AT BENTS 2 AND 3.

REV.	BY	CHK.	DATE	DESCRIPTION OF REVISION

REVIEWED	CTM	MWB	DATE

CONSULTANT NAME/LOGO

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION

74' FLAT SLAB UNIT (3 SPAN) SUPERSTRUCTURE (44'-0" ROADWAY)

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

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