BRIDGE PLANS ID	SHEET
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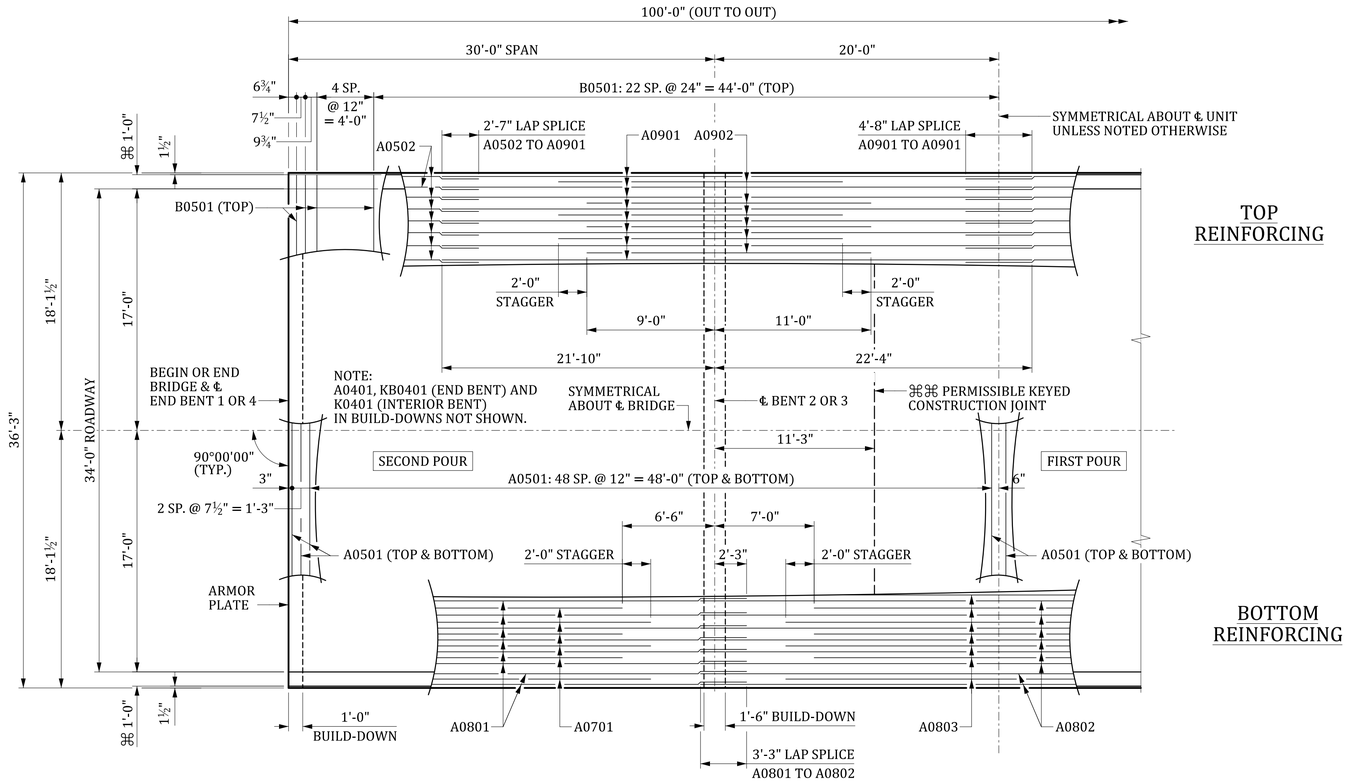
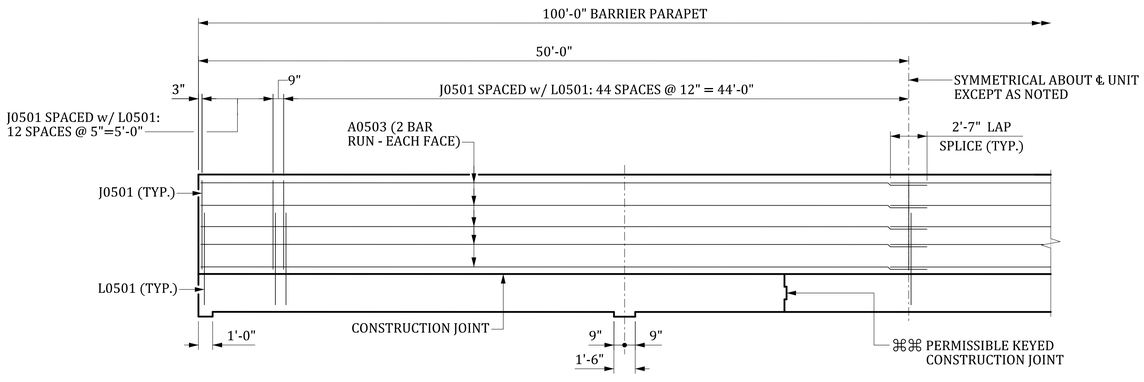


PARTIAL PLAN



PARTIAL ELEVATION

REINFORCING STEEL SCHEDULE

MARK	NO. REQ'D	DIMENSION "a"	"b"	"c"	"d"	"e"	LENGTH
A0401	8	19'-2"	——	——	——	——	19'-2"
A0501	204	35'-11"	——	——	——	——	35'-11"
A0502	78	10'-7"	——	——	——	——	10'-7"
A0503	40	51'-2"	——	——	——	——	51'-2"
A0701	72	23'-4"	——	——	——	——	23'-4"
A0801	78	32'-1"	——	——	——	——	32'-1"
A0802	39	42'-0"	——	——	——	——	42'-0"
A0803	36	28'-0"	——	——	——	——	28'-0"
A0901	78	44'-2"	——	——	——	——	44'-2"
A0902	72	20'-0"	——	——	——	——	20'-0"
B0501	114	5'-0"	7"	——	——	——	5'-7"
J0501	230	5½"	3'-3"	——	——	——	7'-0"
K0401	40	4½"	1'-6"	1'-2"	——	——	4'-11"
KB0401	40	4½"	1'-6"	8"	——	——	4'-5"
L0501	230	10"	3'-7"	6¼"	3'-7"	——	8'-7"
SB	2" HT.	AS NECESSARY					
CHCU	12" HT.	AS NECESSARY					

ESTIMATED QUANTITIES

ITEM	UNIT	100' SPAN
2.0" SCH. 80 PVC CONDUIT	LF	400.0
CONCRETE, CLASS 4000	CY	225.8
REINFORCING STEEL	LB	49,180
MASH CONCRETE BARRIER PARAPET	LF	200.0
ELASTOMERIC BEARING ASSEMBLY (FLAT SLAB)	EA	4

NOTES:

CAST THE 100' 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 50 CY PER HOUR UNLESS APPROVED OTHERWISE BY THE RCE. IF A POURING RATE OF 50 CY PER HOUR IS NOT POSSIBLE, CAST THE 100' CONTINUOUS UNIT USING THE PERMISSIBLE KEYED CONSTRUCTION JOINT SHOWN.

DO NOT REMOVE SLAB FALSEWORK UNTIL THE ENTIRE 100' 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 "100' 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

⌘⌘ ONLY ONE CONSTRUCTION JOINT IS ALLOWED IN THE 100' CONTINUOUS UNIT.

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

REV.				
REV.				
REV.				
	BY	CHK.	DATE	DESCRIPTION OF REVISION

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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

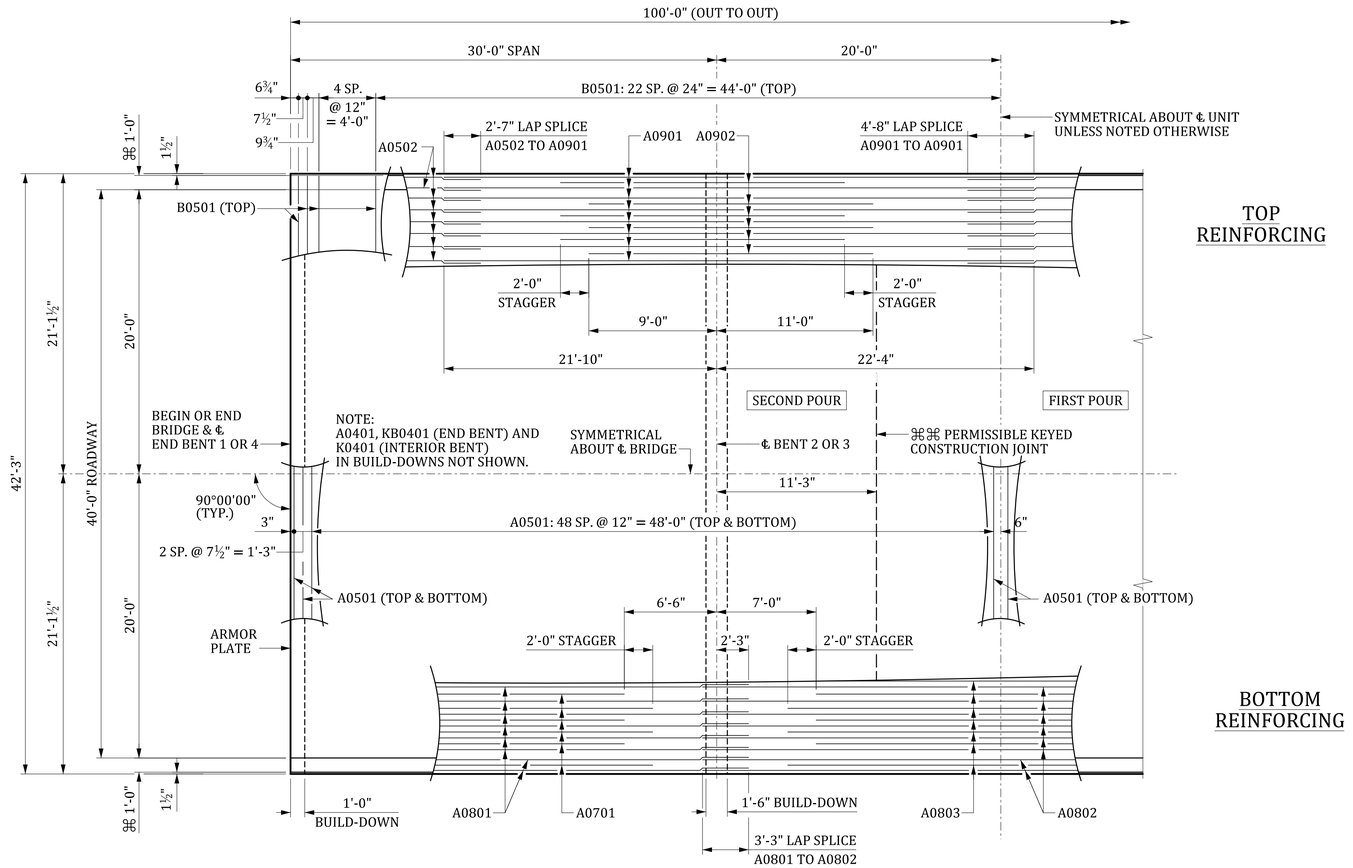
SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION

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

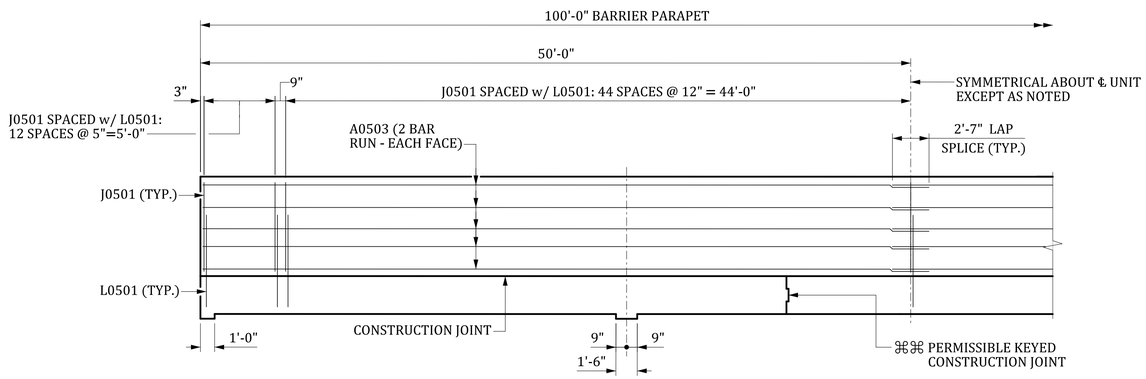
COUNTY: #### | ROUTE: ####

DRAWING NUMBER: 702-FS.S100.3SP.R34

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



PARTIAL PLAN



PARTIAL ELEVATION

REINFORCING STEEL SCHEDULE

MARK	NO. REQ'D	DIMENSION "a"	"b"	"c"	"d"	"e"	LENGTH
A0401	8	25'-2"	——	——	——	——	25'-2"
A0501	204	41'-11"	——	——	——	——	41'-11"
A0502	90	10'-7"	——	——	——	——	10'-7"
A0503	40	51'-2"	——	——	——	——	51'-2"
A0701	84	23'-4"	——	——	——	——	23'-4"
A0801	90	32'-1"	——	——	——	——	32'-1"
A0802	45	42'-0"	——	——	——	——	42'-0"
A0803	42	28'-0"	——	——	——	——	28'-0"
A0901	90	44'-2"	——	——	——	——	44'-2"
A0902	84	20'-0"	——	——	——	——	20'-0"
B0501	114	5'-0"	7"	——	——	——	5'-7"
J0501	230	5½"	3'-3"	——	——	——	7'-0"
K0401	52	4½"	1'-6"	1'-2"	——	——	4'-11"
KB0401	52	4½"	1'-6"	8"	——	——	4'-5"
L0501	230	10"	3'-7"	6¼"	3'-7"	——	8'-7"
SB	2" HT.	AS NECESSARY					
CHCU	12" HT.	AS NECESSARY					

ESTIMATED QUANTITIES

ITEM	UNIT	100' SPAN
2.0" SCH. 80 PVC CONDUIT	LF	400.0
CONCRETE, CLASS 4000	CY	263.4
REINFORCING STEEL	LB	56,036
MASH CONCRETE BARRIER PARAPET	LF	200.0
ELASTOMERIC BEARING ASSEMBLY (FLAT SLAB)	EA	4

NOTES:

CAST THE 100' 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 100' CONTINUOUS UNIT USING THE PERMISSIBLE KEYED CONSTRUCTION JOINT SHOWN.

DO NOT REMOVE SLAB FALSEWORK UNTIL THE ENTIRE 100' 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 "100' 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

⌘⌘ ONLY ONE CONSTRUCTION JOINT IS ALLOWED IN THE 100' CONTINUOUS UNIT.

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

REV.				DESCRIPTION OF REVISION
REV.				
REV.				
	BY	CHK.	DATE	

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CONSULTANT NAME/LOGO

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION

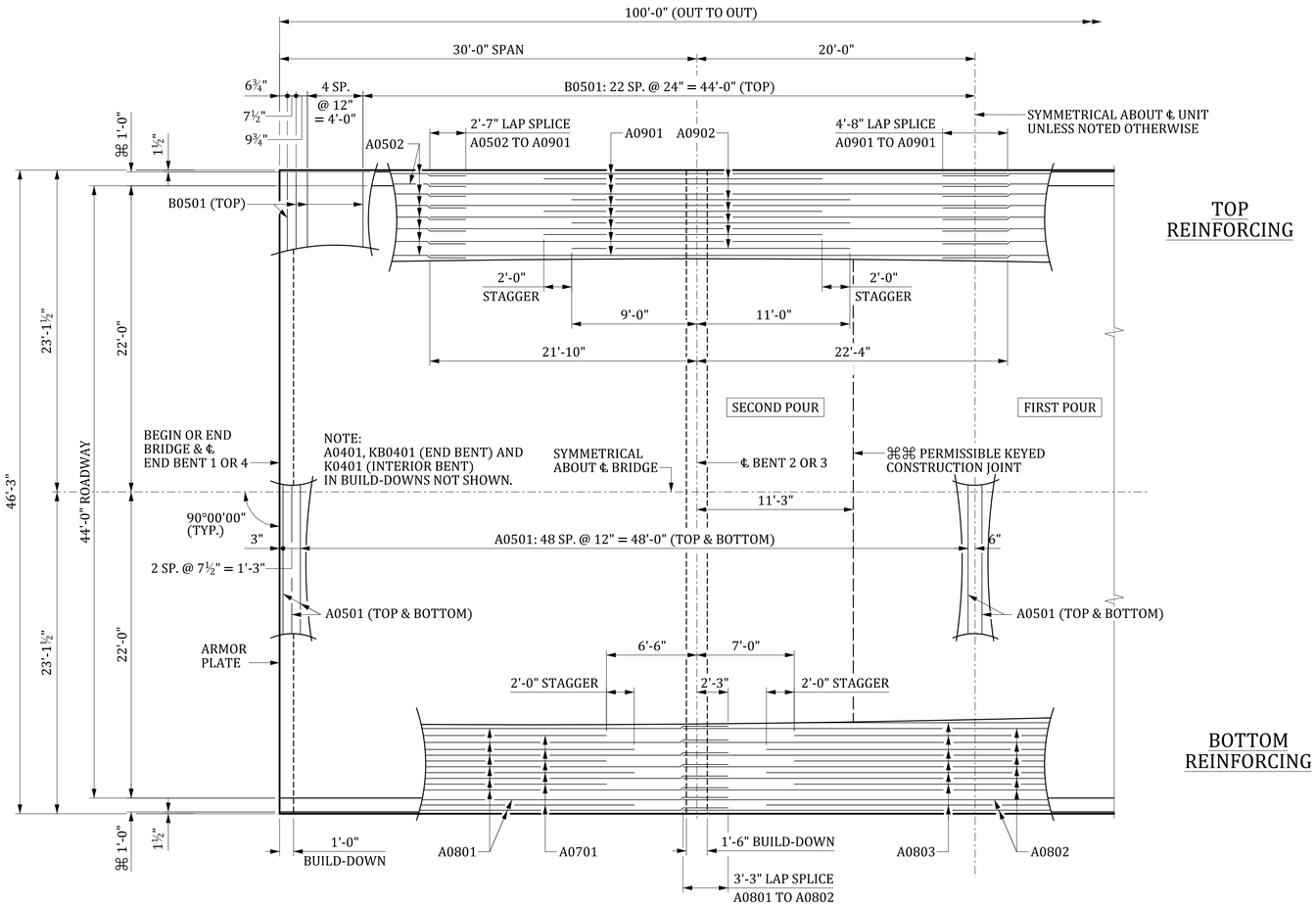
100' FLAT SLAB UNIT (3 SPAN) SUPERSTRUCTURE
(40'-0" ROADWAY)

COUNTY: ####

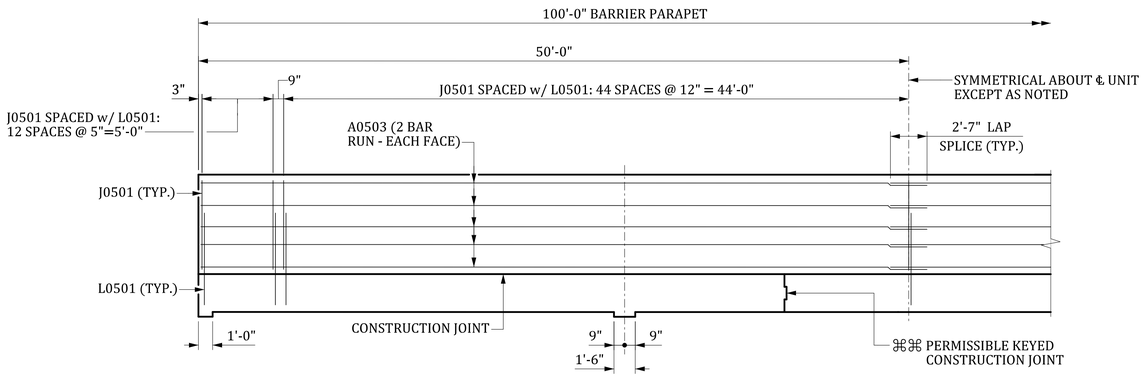
ROUTE: ####

DRAWING NUMBER: 702-FS.S100.3SP.R40

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



PARTIAL PLAN



PARTIAL ELEVATION

REINFORCING STEEL SCHEDULE

MARK	NO. REQ'D	DIMENSION "a"	"b"	"c"	"d"	"e"	LENGTH
A0401	8	29'-2"	——	——	——	——	29'-2"
A0501	204	45'-11"	——	——	——	——	45'-11"
A0502	98	10'-7"	——	——	——	——	10'-7"
A0503	40	51'-2"	——	——	——	——	51'-2"
A0701	92	23'-4"	——	——	——	——	23'-4"
A0801	98	32'-1"	——	——	——	——	32'-1"
A0802	49	42'-0"	——	——	——	——	42'-0"
A0803	46	28'-0"	——	——	——	——	28'-0"
A0901	98	44'-2"	——	——	——	——	44'-2"
A0902	92	20'-0"	——	——	——	——	20'-0"
B0501	114	5'-0"	7"	——	——	——	5'-7"
J0501	230	5½"	3'-3"	——	——	——	7'-0"
K0401	60	4½"	1'-6"	1'-2"	——	——	4'-11"
KB0401	60	4½"	1'-6"	8"	——	——	4'-5"
L0501	230	10"	3'-7"	6¼"	3'-7"	——	8'-7"
SB	2" HT.	AS NECESSARY					
CHCU	12" HT.	AS NECESSARY					

ESTIMATED QUANTITIES

ITEM	UNIT	100' SPAN
2.0" SCH. 80 PVC CONDUIT	LF	400.0
CONCRETE, CLASS 4000	CY	288.5
REINFORCING STEEL	LB	60,608
MASH CONCRETE BARRIER PARAPET	LF	200.0
ELASTOMERIC BEARING ASSEMBLY (FLAT SLAB)	EA	4

NOTES:

CAST THE 100' 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 60 CY PER HOUR UNLESS APPROVED OTHERWISE BY THE RCE. IF A POURING RATE OF 60 CY PER HOUR IS NOT POSSIBLE, CAST THE 100' CONTINUOUS UNIT USING THE PERMISSIBLE KEYED CONSTRUCTION JOINT SHOWN.

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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 "100' 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

⌘⌘ ONLY ONE CONSTRUCTION JOINT IS ALLOWED IN THE 100' CONTINUOUS UNIT.

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REV.	BY	CHK.	DATE	DESCRIPTION OF REVISION
REV.				
REV.				

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

		DATE
		11-23
		11-23
		10-23
		DATE

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CONSULTANT NAME/LOGO

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION

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

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

DRAWING NUMBER: 702-FS.S100.3SP.R44