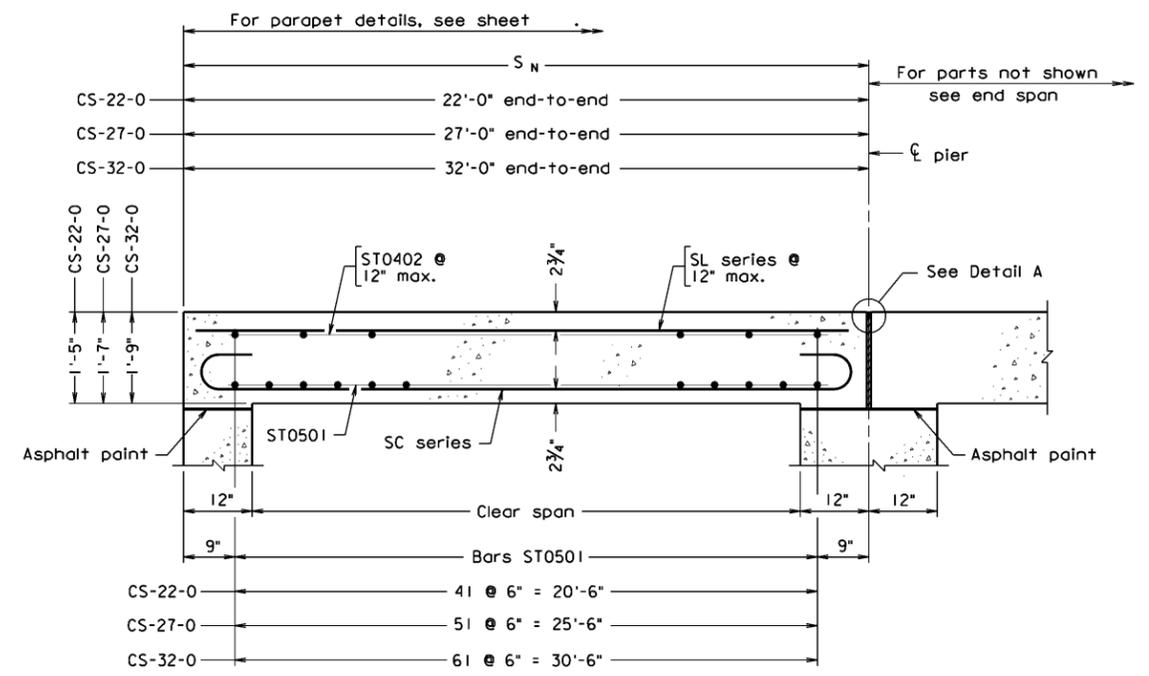
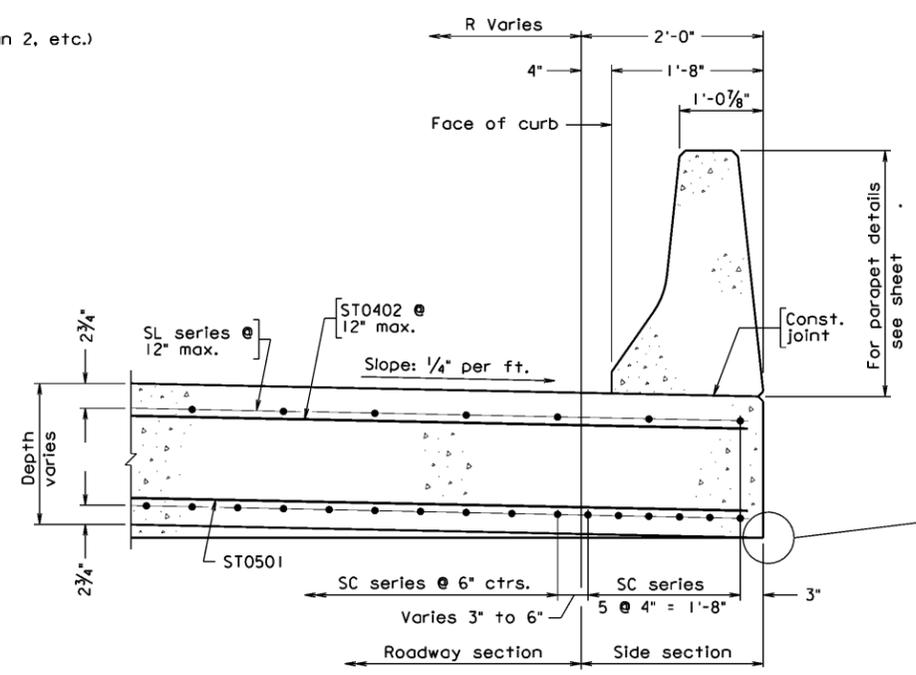


S_N = Span length
(S_1 = Span 1, S_2 = Span 2, etc.)

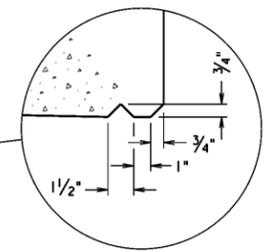


LONGITUDINAL SECTION

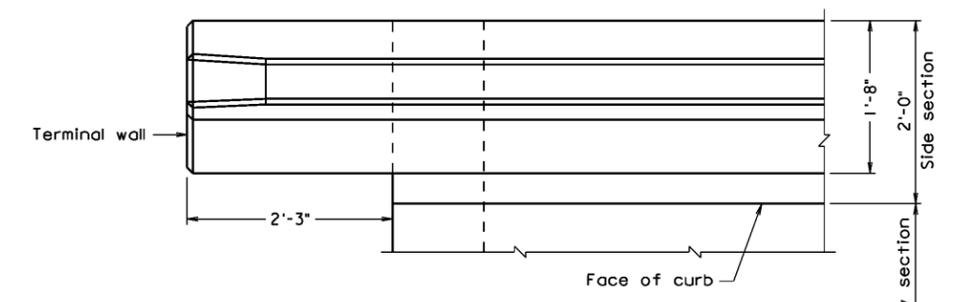


PART TRANSVERSE SECTION

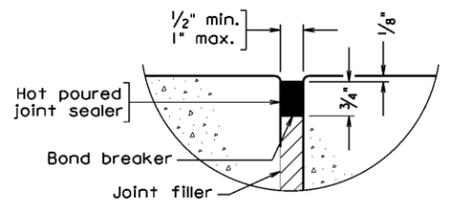
Notes:
R = Width of ROADWAY SECTION.
(R + 8" = Face-to-face of curb dimension)
All reinforcing bars in superstructure shall be Corrosion Resistant Reinforcing Steel, Class ...



DRIP DETAIL



PART PLAN AT ABUTMENT

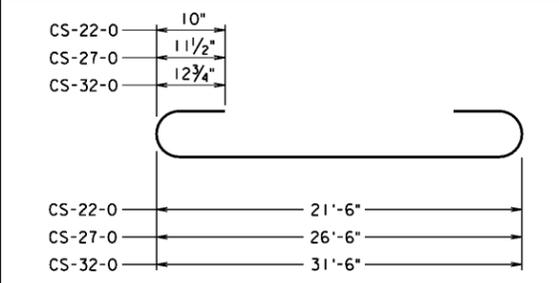


DETAIL A

Note: Joint sealer to extend full width of slab. For sealer in parapet, see Section C-C on sheet

DIMENSION DATA	
R =	
S_1 =	
S_2 =	

Span	2 SIDE SECTIONS**				ROADWAY SECTION												
	Mark	No.	Length	Pin ϕ	Mark	No.	Length	Pin ϕ	Mark	No.	Length	Mark	No.	Length	Mark	No.	Length
CS-22-0	SC0901	12	24'-0"	9"	SC0901	2R	24'-0"	9"	SL0401	R+5	21'-6"	ST0501	42	R+3'-7"	ST0402	22	R+3'-7"
CS-27-0	SC1002	12	29'-3"	10"	SC1002	2R	29'-3"	10"	SL0402	R+5	26'-6"	ST0501	52	R+3'-7"	ST0402	27	R+3'-7"
CS-32-0	SC1103	12	34'-7"	11"	SC1103	2R	34'-7"	11"	SL0403	R+5	31'-6"	ST0501	62	R+3'-7"	ST0402	32	R+3'-7"



SC series
Notes:
Dimensions shown in bending diagram are out-to-out of bars.
*Round number of bars to next highest whole number.
** This does not include SL and ST Series shown in SIDE SECTION. These bars are tabulated in the ROADWAY SECTION.

CS-22-32-0 01-25-2013

Scaled and Signed by:
Julius F.J. Volgyi Jr.
Lic. No. 010487
On the date of
January 25, 2013
A copy of the original
sealed and signed
standard drawing
is on file in the
Central Office.
VDOT S&B DIVISION
RICHMOND, VA
STRUCTURAL ENGINEER

COMMONWEALTH OF VIRGINIA DEPARTMENT OF TRANSPORTATION STRUCTURE AND BRIDGE DIVISION			
CONCRETE SLAB DETAILS			
No.	Description	Date	Designed:
			Drawn:
			Checked:
			Date
			Plan No.
			Sheet No.
Revisions			CS-22-32-0

CAST-IN-PLACE CONCRETE SLAB SPANS

CONCRETE SLAB DETAILS 22' - 32' SPANS – 0° SKEW

NOTES TO DESIGNER:

Standard to be used for the construction of standard cast-in-place concrete slab spans.

Standard is for: 0° skew
22', 27' and 32' span length (end-to-end)

ESTIMATED QUANTITIES				
Span	2 Side Sections		Roadway Section	
	Cl. A4 Conc.	Reinf. Steel	Cl. A4 Conc.	Reinf. Steel
	CY	LB	CY	LB
CS-22-0	4.6	980	1.15R	238(R+1)
CS-27-0	6.3	1510	1.58R	342(R+1)
CS-32-0	8.3	2200	2.07R	473(R+1)

ADD THE FOLLOWING NOTES, DIMENSIONS, DETAILS, ETC. TO STANDARD:

PROJECT/TITLE BLOCKS:

Project block and title block shall be completed in accordance with Manual of the Structure and Bridge Division, Volume V – Part 2, Chapter 4.

DIMENSION DATA:

Enter R, S₁, S₂, etc. in the DIMENSION DATA table.

SLAB SPAN DETAILS:

Indicate appropriate slab depth based on span length for required slab span details.

NOTES:

Complete second note by adding the Class I, II or III of corrosion resistant reinforcing steel required. For additional information on corrosion resistant reinforcing steels (CRR), see Structure and Bridge Division Memorandum (current IIM-S&B-81).

STANDARD CS-22-32-0: NOTES TO DESIGNER

VOL. V - PART 6
DATE: 25Jan2013
SHEET 2 of 2
FILE NO. CS-22-32-0-2