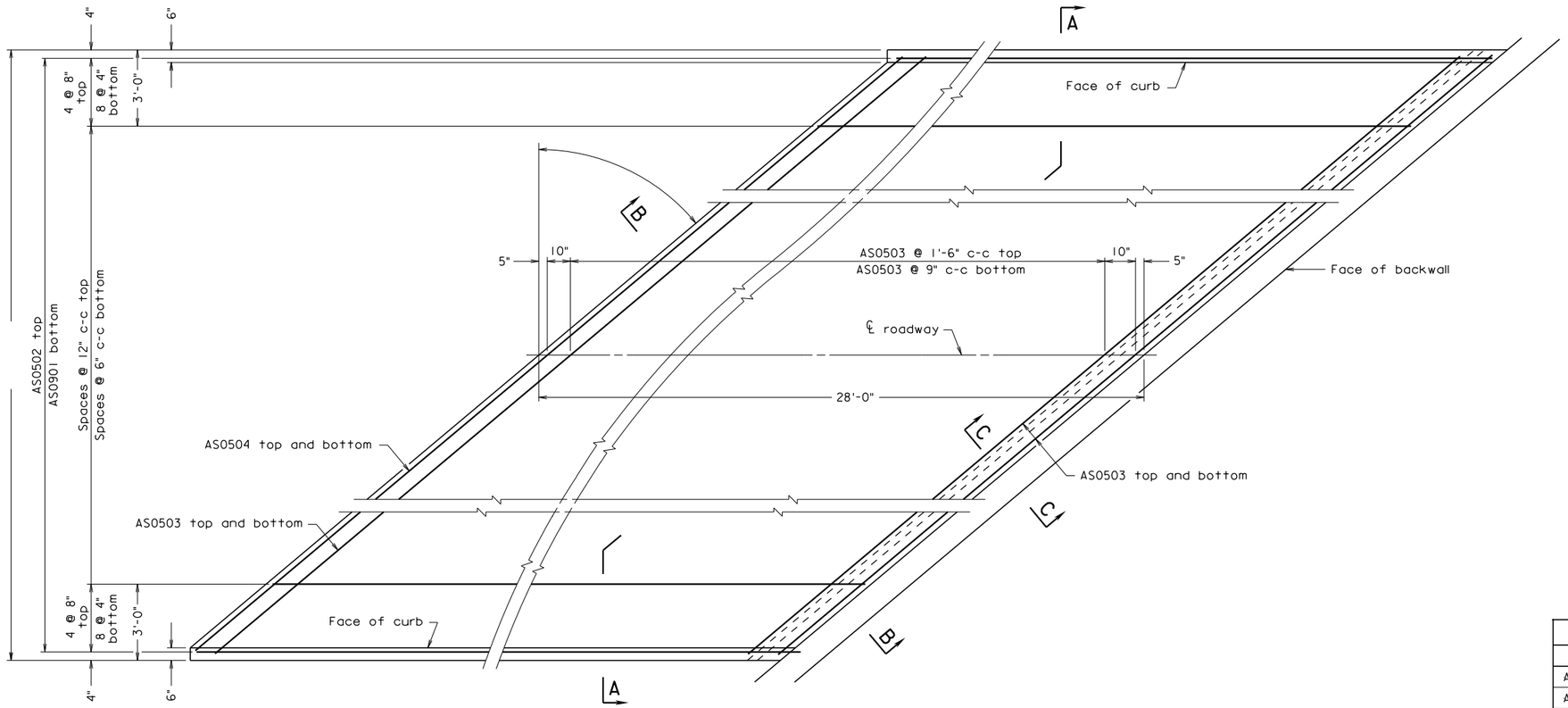
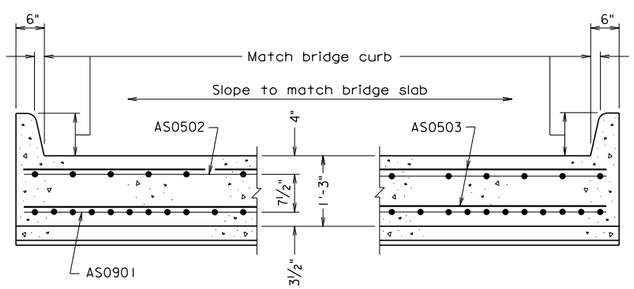
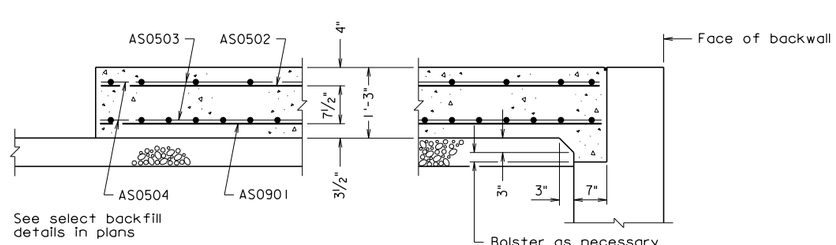
STATE	FEDERAL AID ROUTE	FEDERAL AID PROJECT	STATE ROUTE	STATE PROJECT	SHEET NO.
VA.	—				



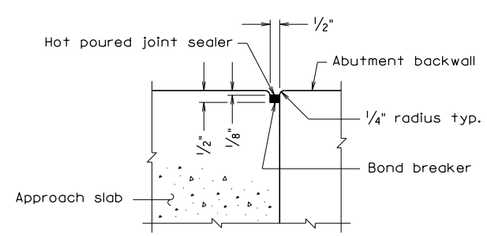
PLAN
Scale: 3/8" = 1'-0"



SECTION A-A
Scale: 3/4" = 1'-0"



SECTION B-B
Scale: 3/4" = 1'-0"



SECTION C-C
Scale: 3" = 1'-0"

Notes:

All joints that are to be sealed shall be free of cracked and spalled areas and their faces shall be free of all foreign matter, curing compound, oils, greases and dirt. All faces must be sandblasted or brushed with a mechanical rotary wire brush. Just prior to sealing, the joint shall be blown out with oil-free compressed air.

Deformed reinforcing bars shall conform to ASTM A615, Grade 60. All reinforcing bar dimensions except for bending diagram are to centers of bars.

See Road and Bridge Standards, Section 300 for dowels in joint between approach slab and concrete pavement.

Prime aggregate base material with 0.35 gal. per sq. yd. Liquid Asphalt Material Type RC-70, RC-250 or MC-250 if aggregate base is exposed for more than two weeks.

Grooving shall be in accordance with VDOT Road and Bridge Specifications, Section 404.07 (f), Class 6, Bridge Deck Finish. Payment for grooving is included in bridge deck grooving quantities.

REINFORCING STEEL SCHEDULE

Mark	No.	Size	Pin ø	Length	Location
AS0901	·	#9	—	27'-5"	Bottom longitudinal
AS0502	·	#5	—	27'-5"	Top longitudinal
AS0503	·	#5	—	·	Top and bottom transverse
AS0504	·	#5	·	·	Top and bottom transverse
·	·	·	·	·	·
·	·	·	·	·	·
·	·	·	·	·	·
·	·	·	·	·	·

ESTIMATED QUANTITIES

	Concrete Class A4 Bridge Approach Slab ⊗ CY	Reinforcing Steel Bridge Approach Slab ⊗ LB
Abutment A	·	·
Abutment B	·	·
Totals	·	·

⊗ Denotes items to be paid for on basis of plan quantities in accordance with current Road and Bridge Specifications.

bas20r.dgn

05-03-2013

BAS-20R

Sealed and Signed by:
Julius F.J. Volgyi Jr.
Lic. No. 010487
On the date of
May 3, 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

No.	Description	Date
	Revisions	

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION

STRUCTURE AND BRIDGE DIVISION

APPROACH SLABS

Designed: S&B DIV
Drawn: S&B DIV
Checked: S&B DIV

Date

Plan No. BAS-20R

Sheet No.

Scale as noted

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APPROACH SLAB

SKEW OVER 45° TO 50°, SKEW RIGHT
STRUCTURE WITH SIDEWALKS;
APPROACH ROADWAY CONCRETE

NOTES TO DESIGNER:

Standard to be used when approach roadway is concrete (not asphalt concrete).

Standard is for: Skew over 45° to 50°, skew right
Structure with sidewalks

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

PLAN:

Enter skew angle, width dimension and number of spaces for AS bars (top and bottom). Check details of corner(s) where approach slab rests on back of abutment backwall. Modify details as needed when using elephant ears, etc. Modify when sidewalk is only on one side.

REINFORCING STEEL SCHEDULE:

Enter number of bars and length of AS0503 and AS0504 bars.

ESTIMATED QUANTITIES:

Enter concrete and reinforcing steel quantities for Abutments A and B as well as Totals.