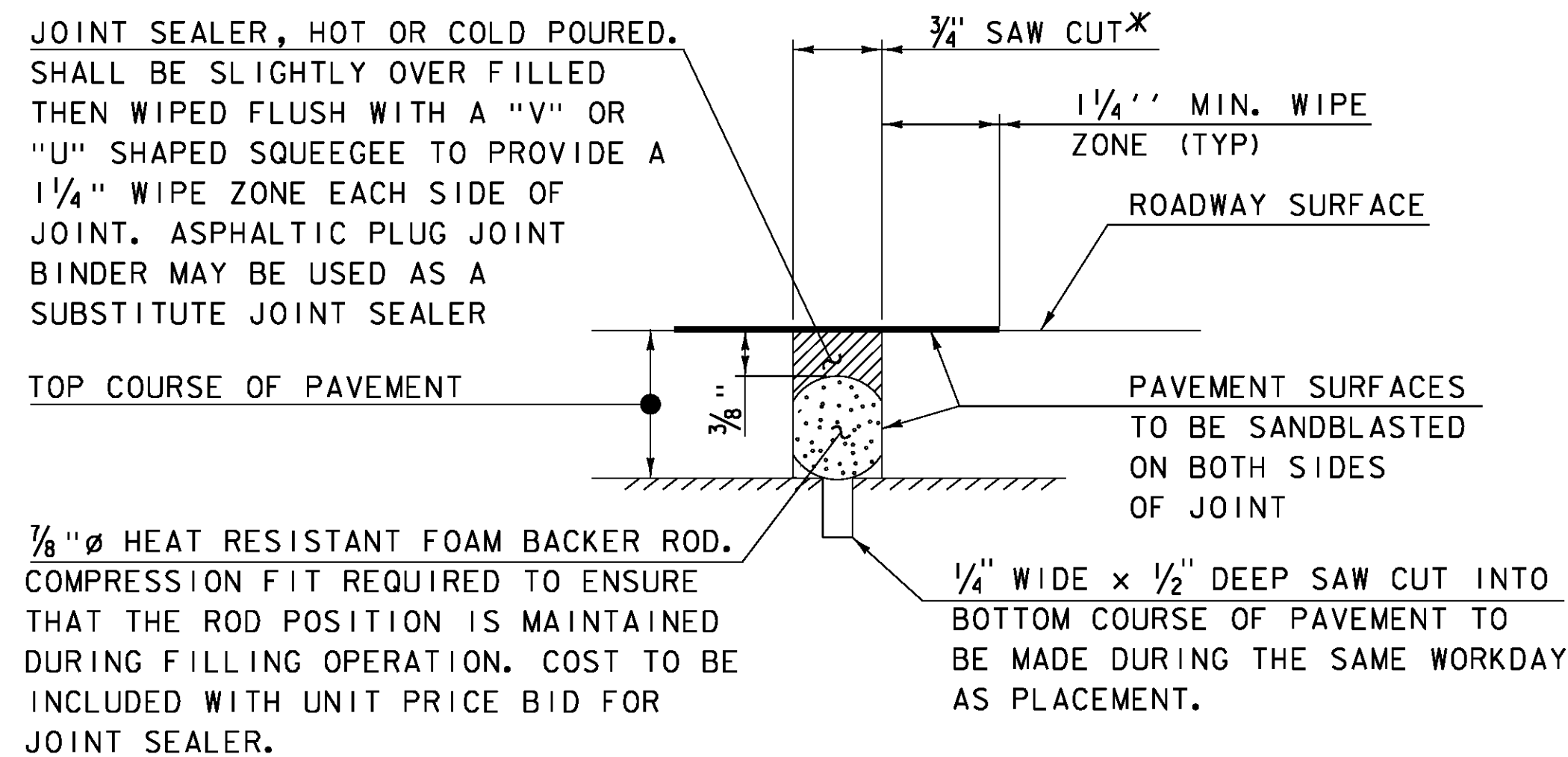


ABUTMENT NO. 2 END DETAIL

(NORMAL TO CL BEARING)
SCALE: 1" = 1'-0"



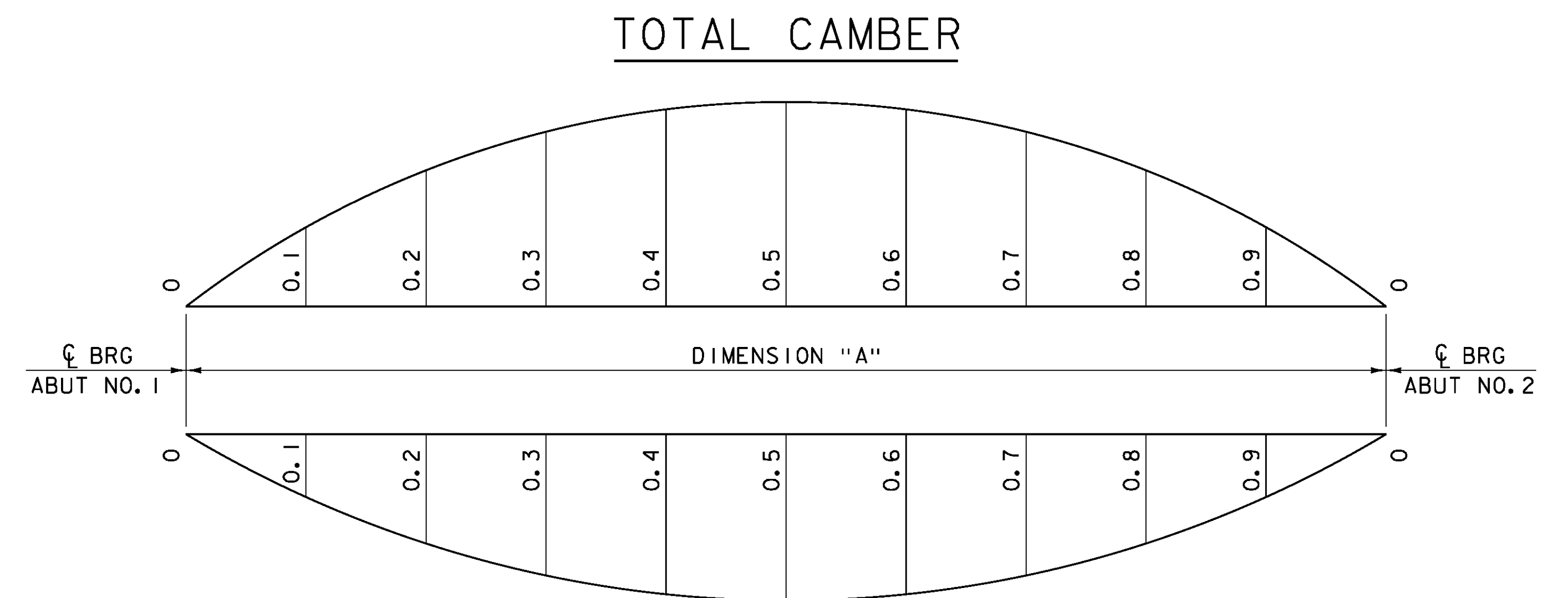
SAWED PAVEMENT JOINT DETAIL

(NOT TO SCALE)

* JOINT IS TO BE LOCATED ACCURATELY BY STRING LINING, OR OTHER MEANS, PRIOR TO PAVING, SO THAT THE SAW CUTS WILL BE MADE DIRECTLY OVER THE END OF CONCRETE DECK. JOINT SHALL BE CUT DRY IN A SINGLE PASS AND BE SEALED WITHIN 24 HOURS OR PRIOR TO EXPOSURE TO TRAFFIC. JOINT SHALL BE CLEANED PRIOR TO APPLYING THE JOINT SEALER.

NOTES:

1. MATERIAL FOR TUBE SHALL MEET THE REQUIREMENTS OF SUBSECTION 740.01. PAYMENT FOR TUBE AND ITS INSTALLATION SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 501.34, "CONCRETE, HIGH PERFORMANCE CLASS B".
2. SEE SD-516.11a AND SD-516.11b FOR ABUTMENT NO. 1 END DETAILS WITH EXPANSION JOINT.



DEAD LOAD DEFLECTION

CAMBER AND DEFLECTION MEASUREMENTS ARE GIVEN IN INCHES AT TENTH POINTS. MEASUREMENTS INCLUDE GIRDER SELF-WEIGHT.

TOTAL CAMBER

GIRDER	"A"	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
1	118' - 2 5/8"	2 1/2"	4 1/8"	6 5/16"	7 3/8"	7 3/4"	7 3/8"	6 5/16"	4 5/8"	2 1/2"
2	118' - 7 1/4"	2 3/16"	4 1/8"	5 5/8"	6 5/8"	6 5/8"	6 1/8"	5 3/4"	4 1/4"	2 1/4"
3	119' - 0"	2"	3 1/16"	5 1/16"	5 5/8"	6 1/4"	6"	5 1/4"	3 7/8"	2 1/16"
4	119' - 5 1/8"	1 5/8"	3 3/8"	4 9/16"	5 3/8"	5 5/8"	5 7/16"	4 1/16"	3 1/2"	1 7/8"
5	119' - 10 1/16"	1 1/16"	3 1/16"	4 3/16"	4 1/8"	5"	4 1/16"	4 1/8"	3 1/16"	1 5/8"

DEAD LOAD DEFLECTION

GIRDER	"A"	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
1	118' - 2 5/8"	1 5/16"	3 1/16"	5 1/16"	5 5/8"	6 1/4"	5 5/8"	5 1/16"	3 1/16"	1 5/16"
2	118' - 7 1/4"	1 5/8"	3 3/8"	4 3/8"	5 3/16"	5 1/16"	5 1/4"	4 1/2"	3 5/16"	1 3/4"
3	119' - 0"	1 7/16"	2 3/4"	3 1/16"	4 1/2"	4 3/4"	4 9/16"	3 5/8"	2 5/16"	1 9/16"
4	119' - 5 1/8"	1 1/4"	2 3/8"	3 5/16"	3 5/8"	4 1/8"	4"	3 7/16"	2 1/2"	1 3/8"
5	119' - 10 1/16"	1 1/8"	2 1/8"	2 7/8"	3 3/8"	3 1/2"	3 3/8"	2 7/8"	2 1/16"	1 1/8"

PROJECT NAME: ROYALTON
PROJECT NUMBER: BRS 0147 (13)

FILE NAME: \BR 28\86e055sup_28.dgn PLOT DATE: 08-OCT-2013
PROJECT LEADER: C. CARLSON DRAWN BY: G. ROY
DESIGNED BY: D. PETERSON CHECKED BY: D. PETERSON
BRIDGE 28 ABUT. NO. 2 END DETAIL AND CAMBER TABLES SHEET III OF 186