

09.06/2019

See Sheet 1A For Index of Sheets  
See Sheet 1B For Conventional Plan Sheet Symbols

# STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

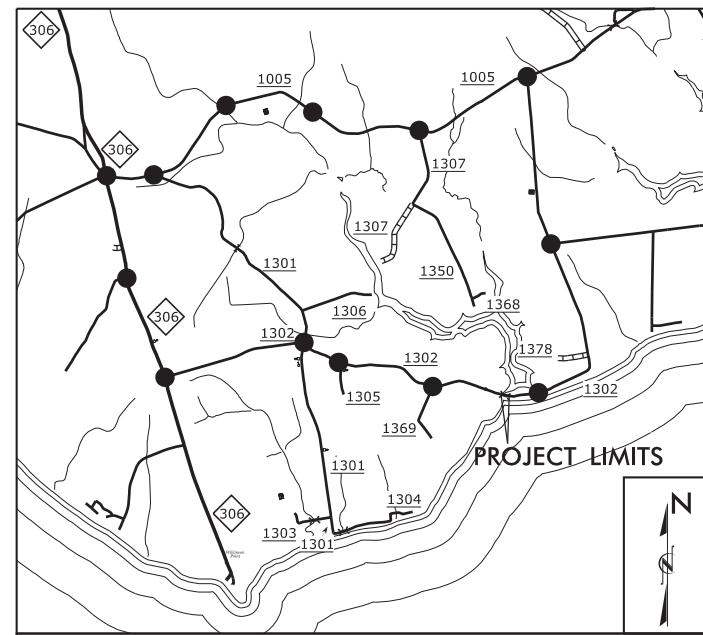
## PAMLICO COUNTY

**LOCATION: REPLACE BRIDGE NO. 57 OVER DAWSON CREEK  
ON SR 1302 (JANIERO RD.)**

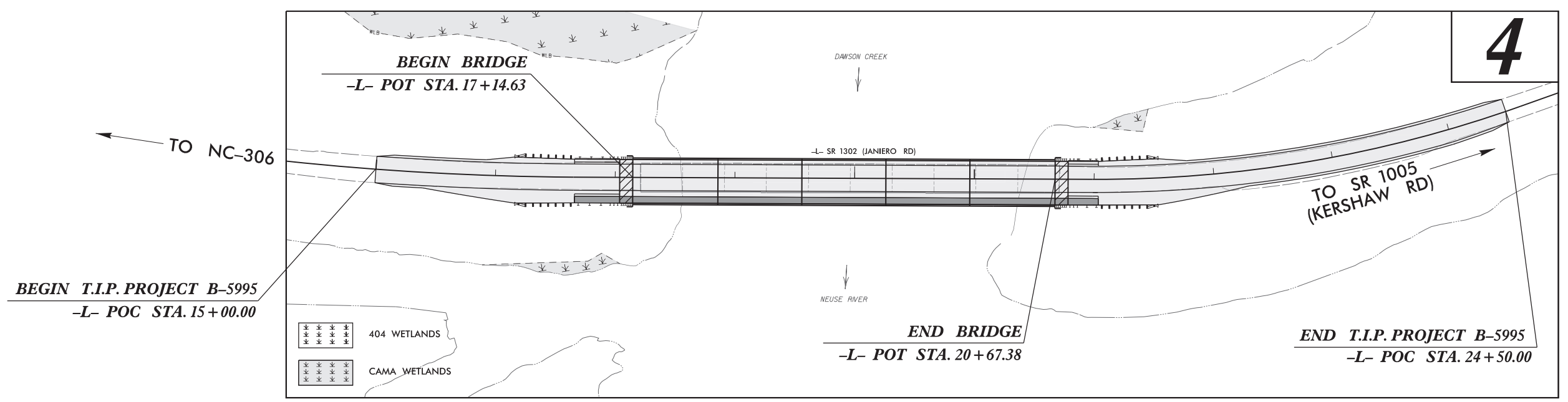
**TYPE OF WORK: GRADING, DRAINAGE, PAVING AND STRUCTURE**

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-5995	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
48190.1.1	BRZ-1302(083)	PE	
48190.2.1	BRZ-1302(083)	ROW/UTIL	

**TIP PROJECT: B-5995**



**ROW REVISION - MARCH 29, 2023**

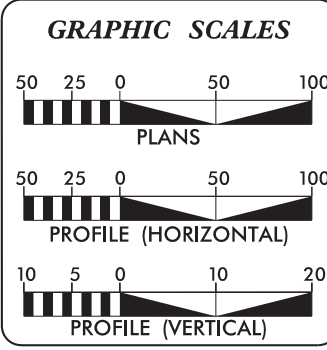


**NOTES:**

- CLEARING ON THIS PROJECT SHALL BE PERFORMED TO THE LIMITS ESTABLISHED BY METHOD II.
- THIS PROJECT IS NOT WITHIN ANY MUNICIPAL BOUNDARIES.

DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED

**CONTRACT:**



**DESIGN DATA**

ADT 2022 =	390
ADT 2032 =	780
K =	10 %
D =	60 %
T =	6 % *
V =	50 MPH
* TTST =	2% DUAL 4%
FUNC CLASS =	MINOR COLLECTOR
	SUB REGIONAL TIER

**PROJECT LENGTH**

LENGTH OF ROADWAY T.I.P. PROJECT B-5995 =	0.113 MILES
LENGTH OF STRUCTURE T.I.P. PROJECT B-5995 =	0.067 MILES
TOTAL LENGTH OF T.I.P. PROJECT B-5995 =	0.180 MILES

PREPARED IN THE OFFICE OF:  
**HNTB**  
 HNTB NORTH CAROLINA, P.C.  
 343 E. Six Forks Road, Suite 200  
 Raleigh, North Carolina 27609  
 NC License No: 0-1554  
 FOR NCDOT DIVISION 2

2018 STANDARD SPECIFICATIONS

**RIGHT OF WAY DATE:**  
AUGUST 10, 2022

**LETTING DATE:**  
AUGUST 23, 2023

**BRIAN P. BLACKWELL, PE**  
PROJECT ENGINEER

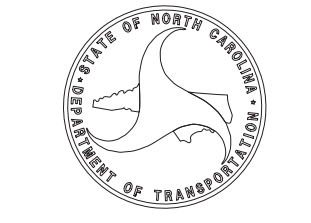
**MICHAEL C. AMAN, PE**  
NCDOT CONTACT

**HYDRAULICS ENGINEER**

SIGNATURE: \_\_\_\_\_ P.E.

**ROADWAY DESIGN ENGINEER**

SIGNATURE: \_\_\_\_\_ P.E.



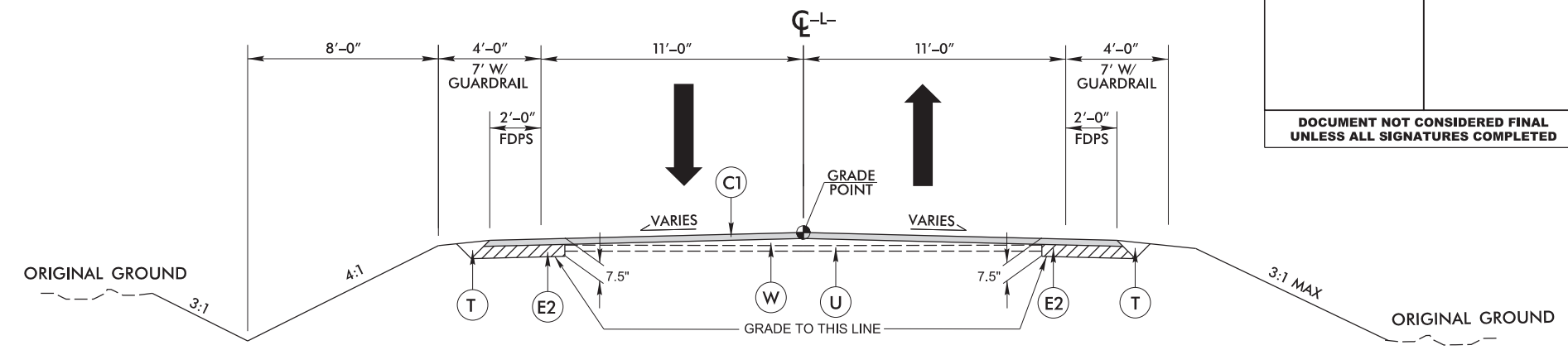
29-MAR-2023 11:11  
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HNTB

6/2/99

PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE TYPE S9.5B AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
C2	PROP. APPROX. 3" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD. PLACED IN TWO LAYERS.
C3	PROP. VAR. DEPTH ASPHALT CONCRETE SURFACE COURSE TYPE S9.5B, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD. PER 1" DEPTH, TO BE PLACED IN LAYERS NOT LESS THAN 1 1/2" IN DEPTH OR GREATER THAN 2" IN DEPTH.
E1	PROP. APPROX. 5" ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 570 LBS. PER SQ. YD.
E2	PROP. APPROX. 6" ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 342 LBS. PER SQ. YD. PLACED IN TWO LAYERS.
E3	PROP. VAR. DEPTH ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 114 LBS. PER SQ. YD. PER 1" DEPTH, TO BE PLACED IN LAYERS NOT LESS THAN 3" IN DEPTH OR GREATER THAN 5 1/2" IN DEPTH.
J	6" AGGREGATE BASE COURSE
R1	2'-6" CONCRETE CURB & GUTTER
R2	SHOULDER BERM GUTTER
S1	4" CONCRETE SIDEWALK
T	EARTH MATERIAL.
U	EXISTING PAVEMENT.
V	INCIDENTAL MILLING
W	VARIABLE DEPTH ASPHALT PAVEMENT (SEE STANDARD WEDGING DETAIL NO.1, THIS SHEET)

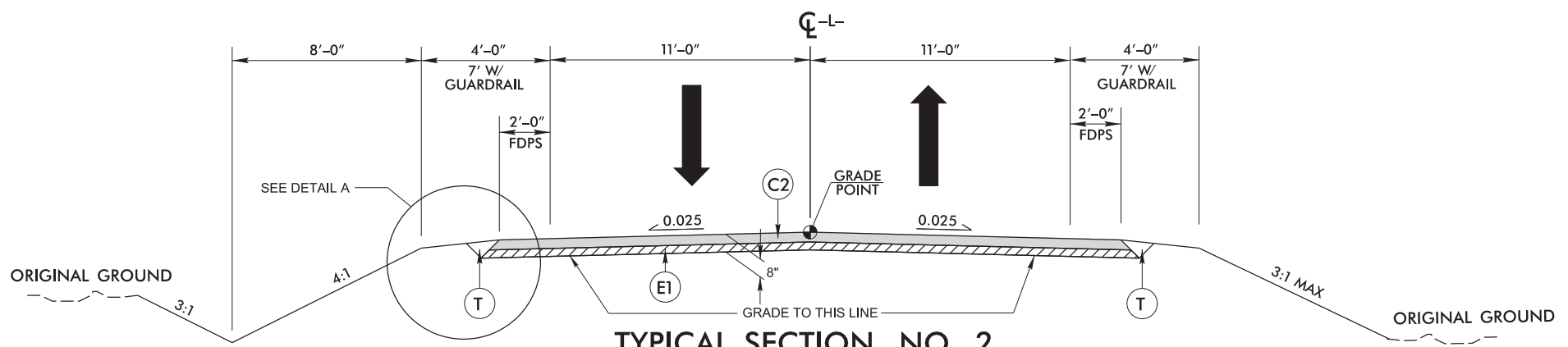
**HNTB** HNTB NORTH CAROLINA, P.C.  
 343 E. SIX FORKS ROAD, SUITE 200  
 RALEIGH, NORTH CAROLINA 27609  
 NC LICENSE NO: C-1554

PROJECT REFERENCE NO. <b>B-5995</b>	SHEET NO. <b>2A-1</b>
ROADWAY DESIGN ENGINEER	
<b>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</b>	



**TYPICAL SECTION NO. 1**  
 -L- SR 1302 (JANIERO RD)

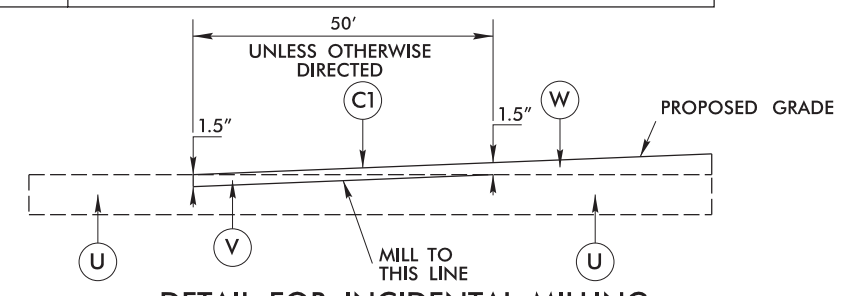
USE TYPICAL SECTION NO. 1 FROM:  
 -L- STA 15+00.00 TO STA 16+00.00  
 -L- STA 21+50.00 TO STA 24+50.00



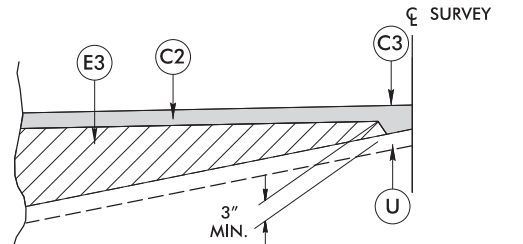
**TYPICAL SECTION NO. 2**  
 -L- SR 1302 (JANIERO RD)

USE TYPICAL SECTION NO. 2 FROM:  
 -L- STA 16+00.00 TO STA 17+14.63 (BRIDGE)  
 -L- STA 20+67.38 (BRIDGE) TO STA 21+50.00

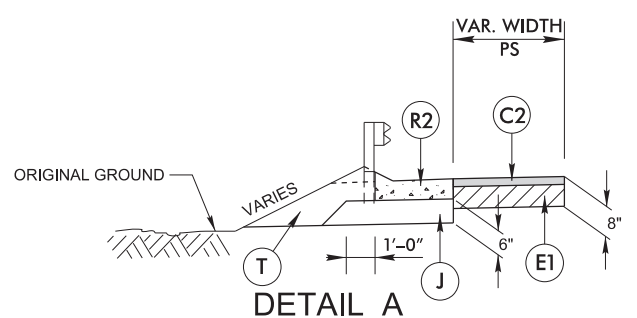
NOTES:  
 GUARDRAIL TO BE PLACED AT MINIMUM 4' FROM EDGE OF TRAVEL.



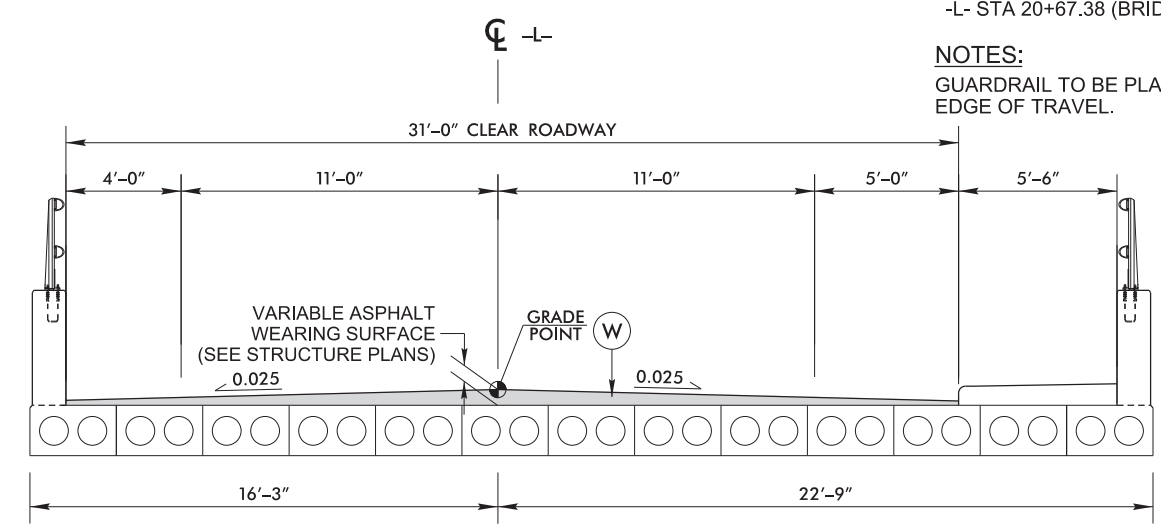
**DETAIL FOR INCIDENTAL MILLING**



**DETAIL SHOWING METHOD OF WEDGING**

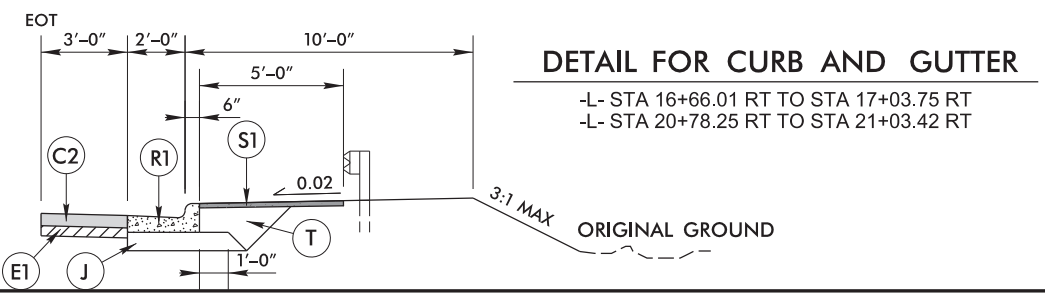


**SHOULDER BERM GUTTER LOCATIONS**  
 -L- STA 16+66.01 LT TO STA 17+03.75 LT  
 -L- STA 20+78.25 LT TO STA 21+03.57 LT



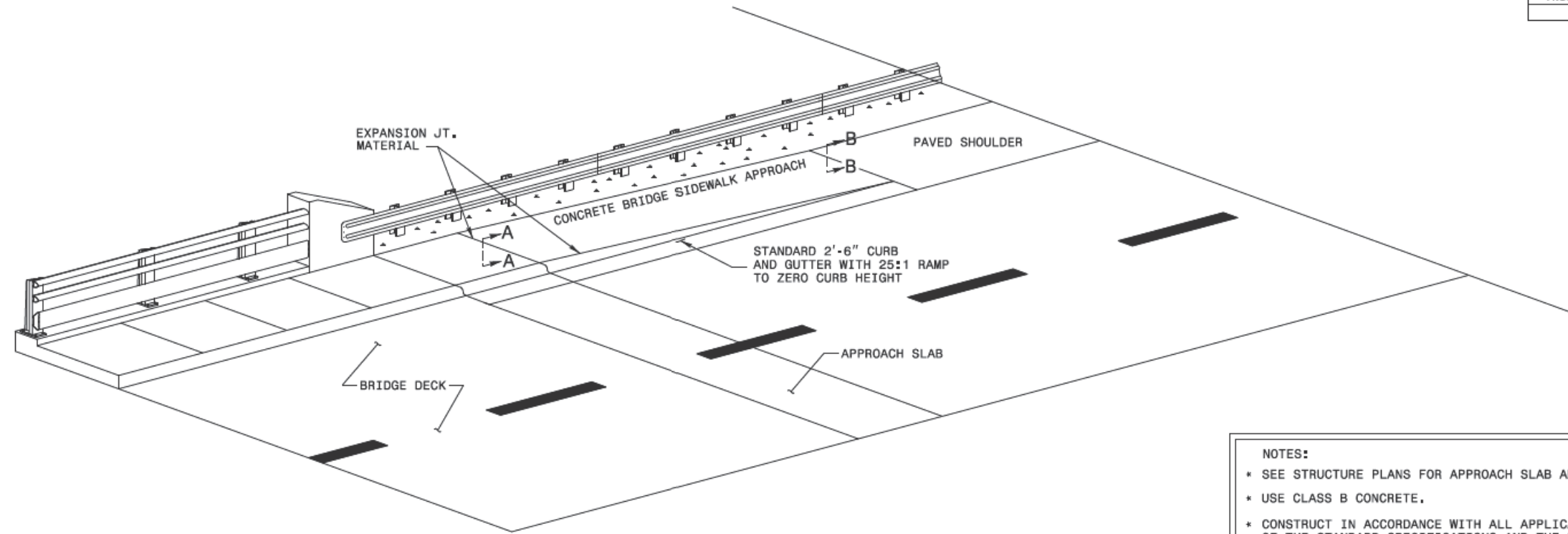
**TYPICAL SECTION NO. 3**  
 -L- SR 1302 (JANIERO RD)  
 CORED SLAB BRIDGE

USE TYPICAL SECTION NO. 3 FROM:  
 -L- STA 17+14.63 TO STA 20+67.38



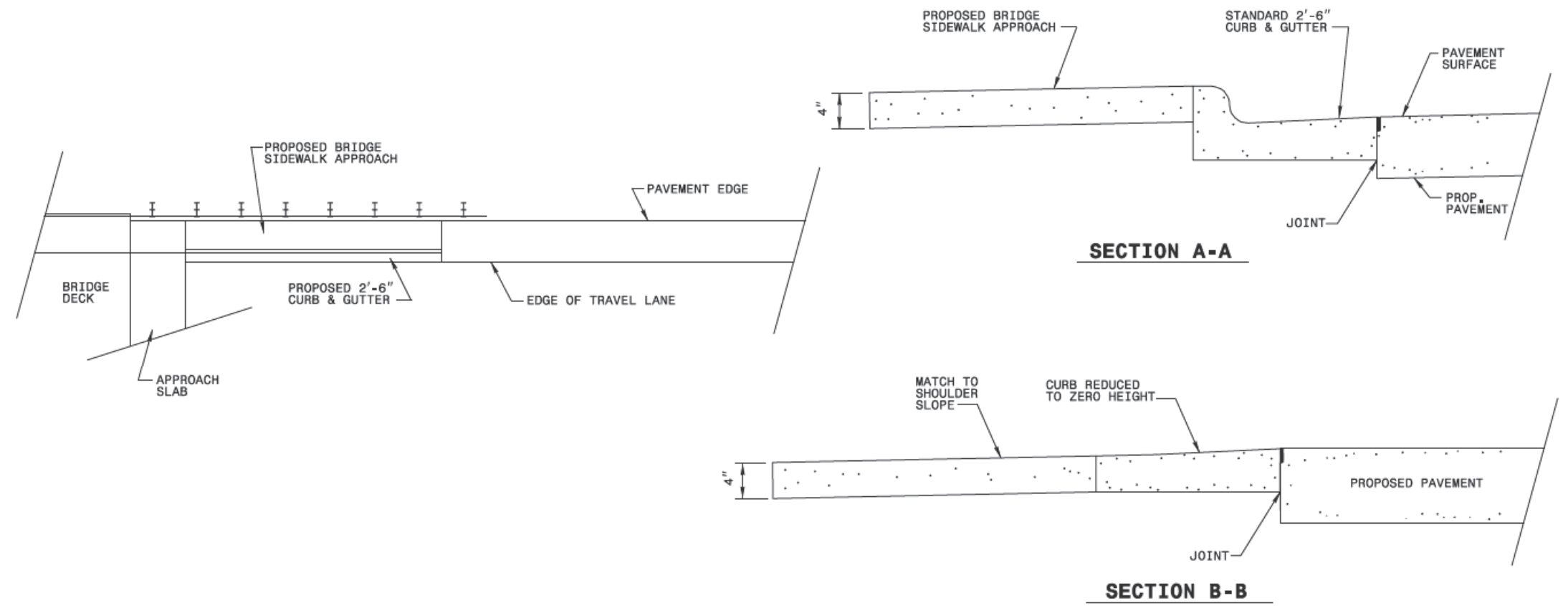
**DETAIL FOR CURB AND GUTTER**  
 -L- STA 16+66.01 RT TO STA 17+03.75 RT  
 -L- STA 20+78.25 RT TO STA 21+03.42 RT

23-MAR-2023 11:11:15 B5995\_RDY\_TYP.dgn  
 HNTB



**DETAIL OF PROPOSED CONCRETE BRIDGE SIDEWALK APPROACH**

- NOTES:**
- \* SEE STRUCTURE PLANS FOR APPROACH SLAB AND CURB DIMENSIONS.
  - \* USE CLASS B CONCRETE.
  - \* CONSTRUCT IN ACCORDANCE WITH ALL APPLICABLE REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE ROADWAY DRAWINGS OR AS DIRECTED BY THE ENGINEER.
  - \* DETERMINE WIDTH OF PROPOSED BRIDGE SIDEWALK APPROACH IN FIELD TO MATCH WALKWAY ON BRIDGE AND APPROACH SLAB OR AS DIRECTED BY THE ENGINEER.
  - \* SEE ROADWAY PLANS FOR GUARDRAIL PLACEMENT.



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 Jhowerton

DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED

**CONTRACT STANDARDS & DEVELOPMENT UNIT**  
**STANDARDS AND SPECIAL DESIGN**  
 Office 919-707-6950 FAX 919-250-4119

**DETAIL OF CONCRETE BRIDGE**  
**SIDEWALK APPROACH**

ORIGINAL BY: _____	DATE: _____
MODIFIED BY: <u>rnbrtt</u>	DATE: 10-12-04
CHECKED BY: _____	DATE: _____
FILE SPEC.: <u>details/nbrtt/metric/nisc/sidewalkapproach.dgn</u>	