



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

JAMES H. TROGDON, III
SECRETARY

April 04, 2019

Addendum No. 1

RE: Contract # C204078

WBS # 40174.3.1

STATE FUNDED

Orange County (B-4962)

BRIDGE #46 OVER ENO RIVER ON US-70 BYPASS

April 16, 2019 Letting

To Whom It May Concern:

Reference is made to the plans furnished to you on this project.

The following revisions have been made to the Structure plans:

Sheet No.	Revisions
S-5 thru S-7	Revised to correct beam bolster dimensions.

Please void the above listed sheets in your plans and staple the revised sheets thereto.

The contract will be prepared accordingly.

Sincerely,

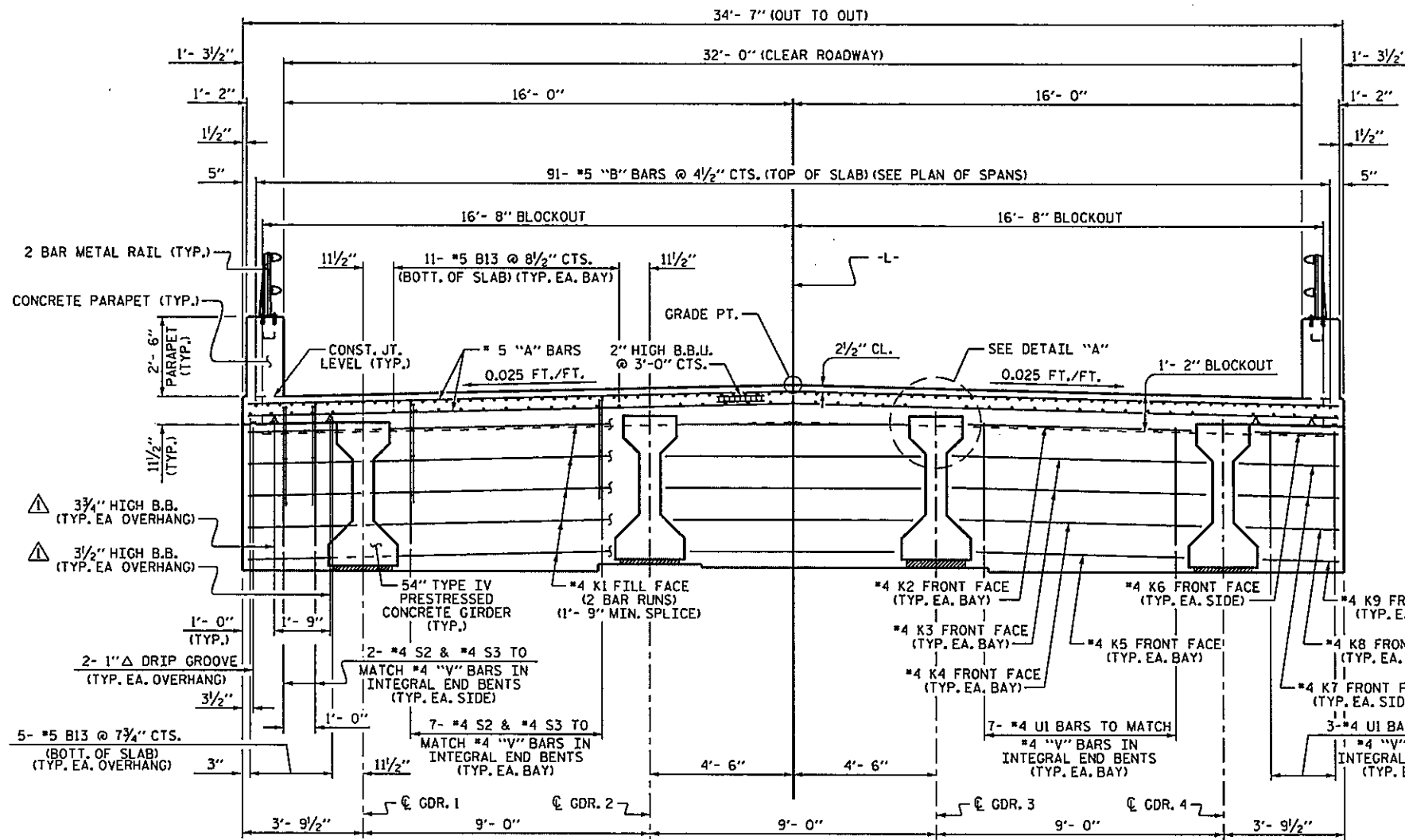
DocuSigned by:
Ronald E. Davenport, Jr.
F81B6038A47A442...

Ronald. E. Davenport, Jr., PE
State Contract Officer

RED/jjr
Attachments

cc: Mr. Lamar Sylvester, PE
Mr. Mike Mills, PE
Mr. Ron Hancock, PE
Mr. Jon Weathersbee, PE
Mr. Ken Kennedy, PE
Mr. Mitchell Dixon
Project File (2)

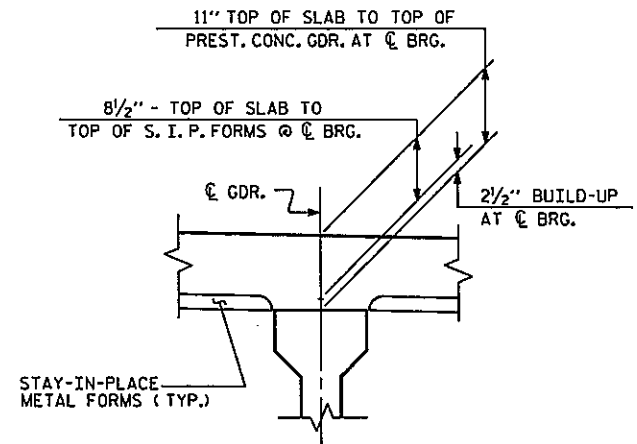
Mr. Ray Arnold, PE
Mr. Jamie Lancaster, PE
Mr. Mike Gwyn
Ms. Lori Strickland
Ms. Jaci Kincaid
Ms. Penny Higgins



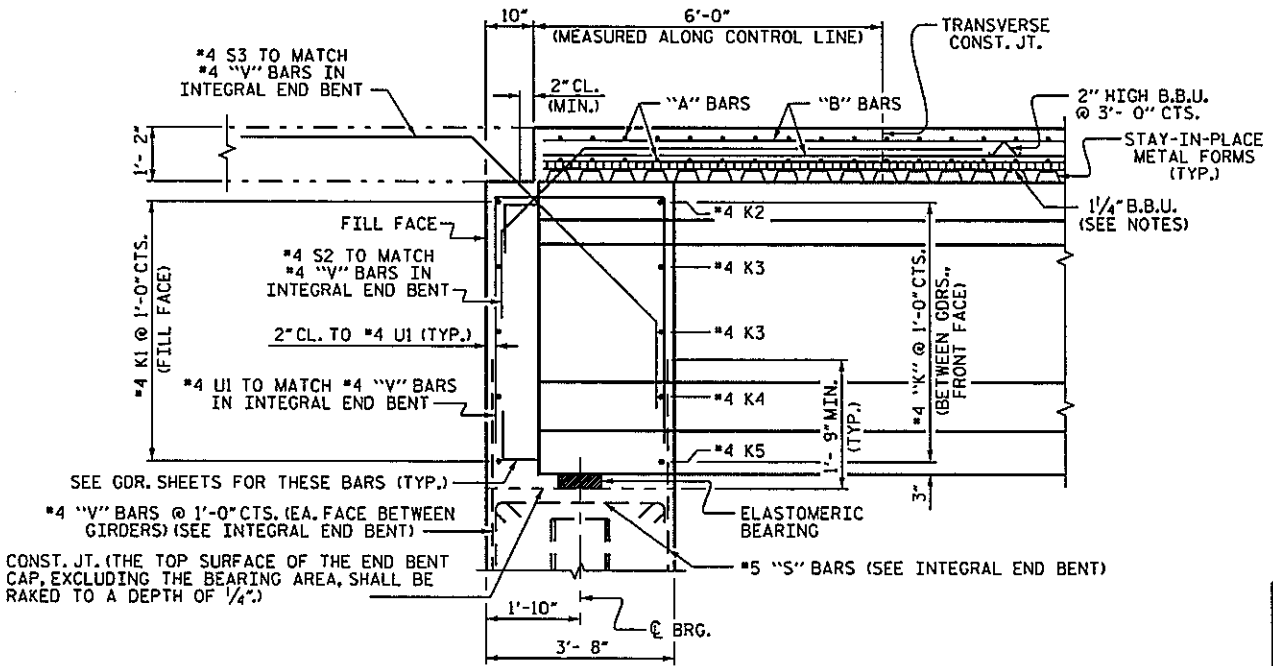
TYPICAL SECTION AT INTEGRAL END BENT

NOTES:

- PROVIDE 1 1/4" HIGH BEAM BOLSTERS UPPER AT 4'-0" CTS. ATOP THE METAL STAY-IN-PLACE FORMS TO SUPPORT THE BOTTOM MAT OF 'A' BARS. WHEN USING REMOVABLE FORMS, PROVIDE CONTINUOUS HIGH CHAIRS FOR METAL DECK (C.H.C.M.) @ 4'-0" CTS. WITH A HEIGHT TO SUPPORT THE BOTTOM MAT OF 'A' BARS A CLEAR DISTANCE OF 2 1/2" ABOVE THE TOP OF THE REMOVABLE FORM.
- LONGITUDINAL STEEL MAY BE SHIFTED SLIGHTLY, AS NECESSARY, TO AVOID INTERFERENCE WITH STIRRUPS IN PRESTRESSED CONCRETE GIRDERS.
- PREVIOUSLY CAST CONCRETE IN A CONTINUOUS UNIT SHALL HAVE ATTAINED A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI BEFORE ADDITIONAL CONCRETE IS CAST IN THE UNIT.
- CONCRETE PARAPET IN A CONTINUOUS UNIT SHALL NOT BE CAST UNTIL ALL SLAB CONCRETE IN THE UNIT HAS BEEN CAST AND HAS REACHED A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI.



DETAIL "A"

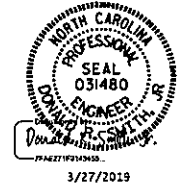


SECTION THROUGH INTEGRAL END BENT

⚠️ ADDED BEAM BOLSTER HEIGHT IN BOTTOM OF OVERHANGS.

PROJECT NO. B-4962
ORANGE COUNTY
 STATION: 17+37.50 -L-

SHEET 1 OF 3



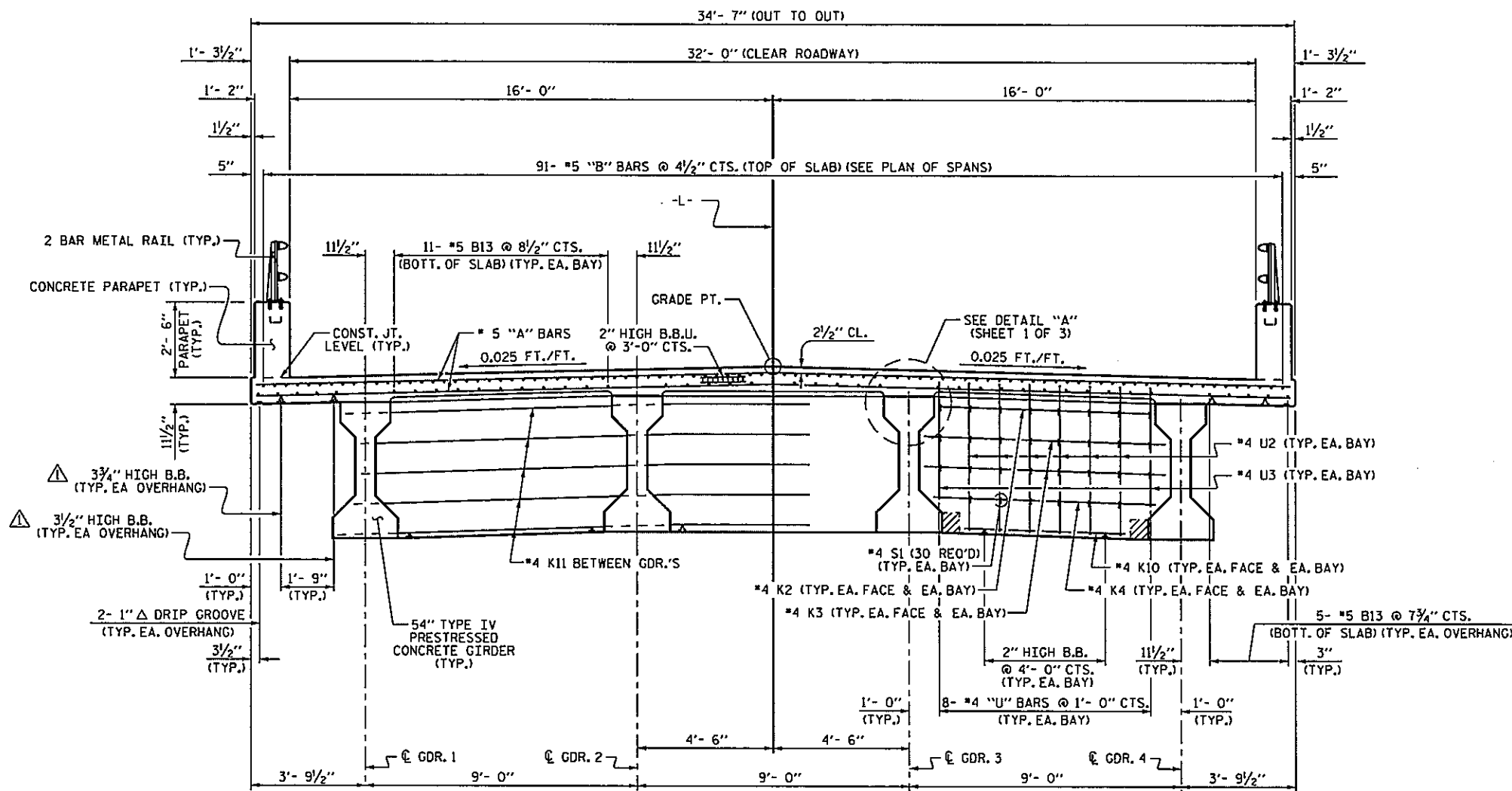
STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
SUPERSTRUCTURE
TYPICAL SECTION

DRAWN BY: D. A. GLADDEN DATE: 3/18
 CHECKED BY: D. R. SMITH DATE: 9/18
 DESIGN ENGINEER OF RECORD: P. N. HOLDER DATE: 10/18

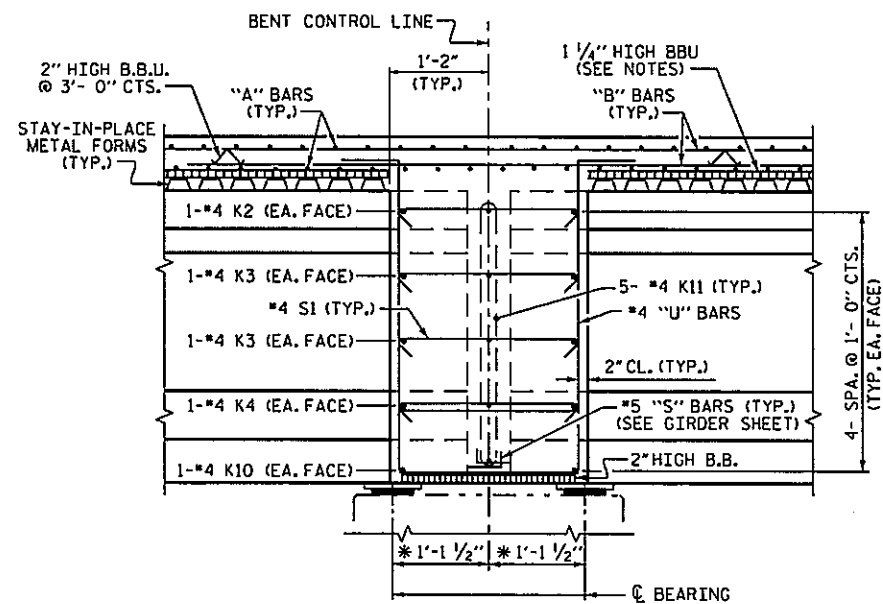
VOLKERT
 5540 Centerview Drive, Suite 305
 Raleigh, NC 27608
 Tel. 919-854-0344 Fax. 919-854-0355
 NC License No. F-0765

DOCUMENT NOT CONSIDERED
 FINAL UNLESS ALL
 SIGNATURES COMPLETED

REVISIONS						SHEET NO.
NO.	BY	DATE	NO.	BY	DATE	S-5
1	D.A.G.	3/27/19	3			TOTAL SHEETS
2			4			47

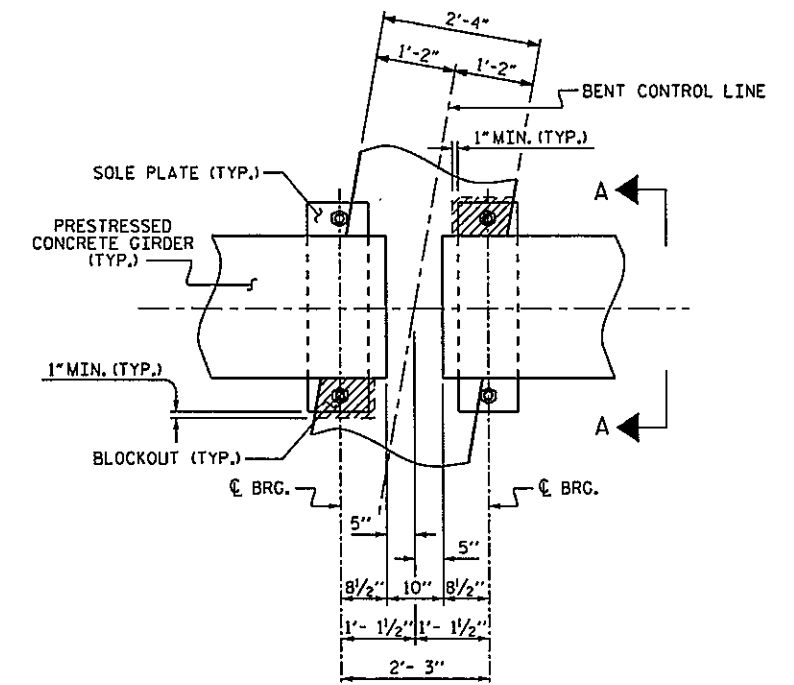


TYPICAL SECTION AT BENT DIAPHRAGM

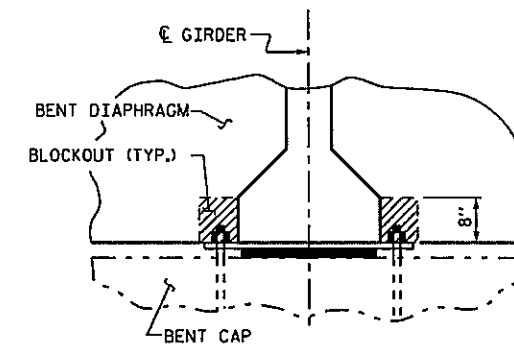


SECTION THRU BENT DIAPHRAGM

* MEASURED ALONG GIRDER



PLAN



SECTION A-A

BENT DIAPHRAGM BLOCKOUT DETAIL

⚠️ ADDED BEAM BOLSTER HEIGHT IN BOTTOM OF OVERHANGS.

PROJECT NO. B-4962
ORANGE COUNTY
 STATION: 17+37.50 -L-

SHEET 2 OF 3

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

SUPERSTRUCTURE
 TYPICAL SECTION



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REVISIONS						SHEET NO.
NO.	BY	DATE	NO.	BY	DATE	5-6
1	D.A.G.	3/27/19	3			TOTAL SHEETS
2			4			47

DRAWN BY: D. A. GLADDEN DATE: 3/18
 CHECKED BY: D. R. SMITH DATE: 9/18
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