



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

J.R. "JOEY" HOPKINS
SECRETARY

June 5, 2024

Addendum No. 4

RE: Contract # C204204

WBS # 46932.3.1

STATE FUNDED

Wake County (P-5720)

GRADE SEPARATION OF SR-2006 (DURANT ROAD) OVER CSX S LINE
RAILROAD IN RALEIGH

June 18, 2024 Letting

To Whom It May Concern:

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

The following revision has been made to the Roadway plans.

Sheet No.	Revision
1	Letting date updated.

Please void the above listed Sheet in your Plans and staple the revised Sheet thereto.

The following revisions have been made to the proposal.

Mailing Address:
NC DEPARTMENT OF TRANSPORTATION
CONTRACT STANDARDS AND DEVELOPMENT
1591 MAIL SERVICE CENTER
RALEIGH, NC 27699-1591

Telephone: (919) 707-6900
Fax: (919) 250-4127
Customer Service: 1-877-368-4968

Website: www.ncdot.gov

Location:
1020 BIRCH RIDGE DR.
RALEIGH, NC 27610

Page No.	Revision
Proposal Cover	Note added that reads “Includes Addendum No. 4 Dated 06-05-2024”. Let date updated to June 18, 2024.
G-29	The Project Special Provision entitled CONTRACT TIME AND LIQUIDATED DAMAGES has been revised.
G-29	The Project Special Provision entitled INTERMEDIATE CONTRACT TIME NUMBER 1 AND LIQUIDATED DAMAGES has been revised.
G-33	The Project Special Provision entitled FUEL PRICE ADJUSTMENT has been updated.
G-36	The Project Special Provision entitled STEEL PRICE ADJUSTMENT has been updated.
G-45	The Project Special Provision entitled SCHEDULE OF ESTIMATED COMPLETION PROGRESS has been updated.
R-9	The Project Special Provision entitled PRICE ADJUSTMENT - ASPHALT BINDER FOR PLANT MIX has been updated.

Please void the above listed existing Pages in your proposal and staple the revised Pages thereto.

The contract will be prepared accordingly.

Sincerely,

DocuSigned by:

 52C46046381F443...

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

RED/cms
 Attachments

cc: Mr. Wiley W. Jones III, PE
 Mr. Brandon H. Jones, PE
 Mr. Ken Kennedy, PE
 Mr. Malcolm Bell

Mr. Forrest Dungan, PE
 Ms. Jaci Kincaid
 Mr. Jon Weathersbee, PE
 Project File (2)

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH, N.C.

PROPOSAL

INCLUDES ADDENDUM No. 4 DATED 06-05-2024

DATE AND TIME OF BID OPENING: **June 18, 2024 AT 02:00 PM**

CONTRACT ID C204204
WBS 46932.3.1

FEDERAL-AID NO. STATE FUNDED
COUNTY WAKE
T.I.P NO. P-5720
MILES 0.677
ROUTE NO. SR-2006
LOCATION GRADE SEPARATION OF SR-2006 (DURANT ROAD) OVER CSX S LINE
RAILROAD IN RALEIGH.

TYPE OF WORK GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURES.

NOTICE:

ALL BIDDERS SHALL COMPLY WITH ALL APPLICABLE LAWS REGULATING THE PRACTICE OF GENERAL CONTRACTING AS CONTAINED IN CHAPTER 87 OF THE GENERAL STATUTES OF NORTH CAROLINA WHICH REQUIRES THE BIDDER TO BE LICENSED BY THE N.C. LICENSING BOARD FOR CONTRACTORS WHEN BIDDING ON ANY NON-FEDERAL AID PROJECT WHERE THE BID IS \$30,000 OR MORE, EXCEPT FOR CERTAIN SPECIALTY WORK AS DETERMINED BY THE LICENSING BOARD. BIDDERS SHALL ALSO COMPLY WITH ALL OTHER APPLICABLE LAWS REGULATING THE PRACTICES OF ELECTRICAL, PLUMBING, HEATING AND AIR CONDITIONING AND REFRIGERATION CONTRACTING AS CONTAINED IN CHAPTER 87 OF THE GENERAL STATUTES OF NORTH CAROLINA. NOTWITHSTANDING THESE LIMITATIONS ON BIDDING, THE BIDDER WHO IS AWARDED ANY FEDERAL - AID FUNDED PROJECT SHALL COMPLY WITH CHAPTER 87 OF THE GENERAL STATUTES OF NORTH CAROLINA FOR LICENSING REQUIREMENTS WITHIN 60 CALENDAR DAYS OF BID OPENING.

BIDS WILL BE RECEIVED AS SHOWN BELOW:

THIS IS A ROADWAY & STRUCTURE PROPOSAL

5% BID BOND OR BID DEPOSIT REQUIRED

In accordance with 49 U.S.C. § 22905(c)(2)(B), if the Project funded by this Agreement uses rights-of-way owned by a railroad, then Contractor will ensure compliance with the protective arrangements that are equivalent to the protective arrangements established under Section 504 of the Railroad Revitalization and Regulatory Reform Act of 1976, 45 U.S.C. § 836, with respect to employees affected by actions taken in connection with the Project financed in whole or in part by this Agreement.

g. Davis-Bacon and Related Acts Provisions

In accordance with 49 U.S.C. § 22905(c)(2)(A), if the Project funded by this Agreement uses rights-of-way owned by a railroad, then, the Contractor will ensure compliance with the standards of 49 U.S.C. § 24312 with respect to the Project in the same manner that Amtrak is required to comply with those standards for construction work financed under an agreement made under 49 U.S.C. § 24308(a). For these purposes, wages in collective bargaining agreements negotiated under the Railway Labor Act are deemed to comply with Davis-Bacon Act requirements.

h. Replacement of Existing Intercity Passenger Rail Service

If an intercity passenger rail transportation provider replaces Amtrak intercity passenger rail service through a Project funded by this Agreement, then such provider must comply with the provisions of 49 U.S.C. § 22905(d).

CONTRACT TIME AND LIQUIDATED DAMAGES:

(4-17-12)(Rev. 5-16-23)

108

SP1 G08 C

The date of availability for this contract is **July 29, 2024**.

The completion date for this contract is **April 30, 2027**.

Except where otherwise provided by the contract, observation periods required by the contract will not be a part of the work to be completed by the completion date and/or intermediate contract times stated in the contract. The acceptable completion of the observation periods that extend beyond the final completion date shall be a part of the work covered by the performance and payment bonds.

The liquidated damages for this contract are **Two Hundred Dollars (\$200.00)** per calendar day. These liquidated damages will not be cumulative with any liquidated damages which may become chargeable under Intermediate Contract Time Number 1.

INTERMEDIATE CONTRACT TIME NUMBER 1 AND LIQUIDATED DAMAGES:

(7-1-95) (Rev. 2-21-12)

108

SP1 G13 A

Except for that work required under the Project Special Provisions entitled *Planting, Reforestation* and/or *Permanent Vegetation Establishment*, included elsewhere in this proposal, the Contractor will be required to complete all work included in this contract and shall place and maintain traffic on same.

The date of availability for this intermediate contract time is **July 29, 2024**.

The completion date for this intermediate contract time is **November 1, 2026**.

The liquidated damages for this intermediate contract time are **Two Thousand Dollars (\$ 2,000.00)** per calendar day.

MAJOR CONTRACT ITEMS:

(2-19-02)(Rev. 1-16-24)

104

SP1 G28

The following listed items are the major contract items for this contract (see Article 104-5 of the *Standard Specifications*):

Line #	Description
7	Borrow Excavation
13	Temporary Shoring

SPECIALTY ITEMS:

(7-1-95)(Rev. 1-16-24)

108-6

SP1 G37

Items listed below will be the specialty items for this contract (see Article 108-6 of the *Standard Specifications*).

Line #	Description
70-77	Guardrail
78-80	Fencing
84-91	Signing
109-115	Long-Life Pavement Markings
116	Removable Tape
129-130	Permanent Pavement Markers
132-169	Utility Construction
170-197	Erosion Control
198-211	Signals/ITS System

FUEL PRICE ADJUSTMENT:

(11-15-05) (Rev. 1-16-24)

109-8

SP1 G43

Revise the *Standard Specifications* as follows:

Page 1-82, Article 109-8, FUEL PRICE ADJUSTMENTS, add the following:

The base index price for DIESEL #2 FUEL is \$ **2.6456** per gallon. Where any of the following are included as pay items in the contract, they will be eligible for fuel price adjustment.

The pay items and the fuel factor used in calculating adjustments to be made will be as follows:

Description	Units	Fuel Usage Factor Diesel
Unclassified Excavation	Gal/CY	0.29
Borrow Excavation	Gal/CY	0.29
Class IV Subgrade Stabilization	Gal/Ton	0.55
Aggregate Base Course	Gal/Ton	0.55
Sub-Ballast	Gal/Ton	0.55
Erosion Control Stone	Gal/Ton	0.55
Rip Rap, Class	Gal/Ton	0.55
Asphalt Concrete Base Course, Type _____	Gal/Ton	0.90 or 2.90

The bidding index for Category 1 Steel items is \$ **41.25** per hundredweight.
 The bidding index for Category 2 Steel items is \$ **56.37** per hundredweight.
 The bidding index for Category 3 Steel items is \$ **61.05** per hundredweight.
 The bidding index for Category 4 Steel items is \$ **44.26** per hundredweight.
 The bidding index for Category 5 Steel items is \$ **53.94** per hundredweight.
 The bidding index for Category 6 Steel items is \$ **60.03** per hundredweight.
 The bidding index for Category 7 Steel items is \$ **42.53** per hundredweight.

The bidding index represents a selling price of steel based on Fastmarkets data for the month of **April 2024**.

MI = Monthly Index. – in Dollars (\$) per hundredweight (CWT). Use the adjustment indices from the month the steel was shipped from the producing mill, received on the project, or member cast as defined in the Product Relationship Table.

BI = Bidding Index. - in Dollars (\$) per hundredweight (CWT). Use the adjustment indices as listed in the proposal.

<i>Steel Product (Title)</i>	BI, MI*	Adjustment Date for MI	Category
Reinforcing Steel, Bridge Deck, and SIP Forms	Based on one or more Fastmarkets indices	Delivery Date from Producing Mill	1
Structural Steel and Encasement Pipe	Based on one or more Fastmarkets indices	Delivery Date from Producing Mill	2
Steel H-Piles, Soldier Pile Walls	Based on one or more Fastmarkets indices	Delivery Date from Producing Mill	3
Guardrail Items and Pipe Piles	Based on one or more Fastmarkets indices	Material Received Date**	4
Fence Items	Based on one or more Fastmarkets indices	Material Received Date**	5
Overhead Sign Assembly, Signal Poles, High Mount Standards	Based on one or more Fastmarkets indices	Material Received Date**	6
Prestressed Concrete Members	Based on one or more Fastmarkets indices	Cast Date of Member	7

Submit documentation to the Engineer for all items listed in the Contract for which the Contractor is requesting a steel price adjustment.

Submittal Requirements

The items in categories 1,2, and 3, shall be specifically stored, labeled, or tagged, recognizable by color marking, and identifiable by Project for inspection and audit verification immediately upon arrival at the fabricator.

Furnish the following documentation for all steel products to be incorporated into the work and documented on Form SPA-2, found on the Departments website at the following address:

<https://connect.ncdot.gov/projects/construction/Construction%20Forms/Form%20SPA-2.xlsx>

SCHEDULE OF ESTIMATED COMPLETION PROGRESS:

(7-15-08)(Rev. 1-16-24)

108-2

SP1 G58

The Contractor's attention is directed to the Standard Special Provision entitled *Availability of Funds Termination of Contracts* included elsewhere in this proposal. The Department of Transportation's schedule of estimated completion progress for this project as required by that Standard Special Provision is as follows:

	<u>Fiscal Year</u>	<u>Progress (% of Dollar Value)</u>
2025	(7/01/24 - 6/30/25)	49% of Total Amount Bid
2026	(7/01/25 - 6/30/26)	44% of Total Amount Bid
2027	(7/01/26 - 6/30/27)	7% of Total Amount Bid

The Contractor shall also furnish his own progress schedule in accordance with Article 108-2 of the *Standard Specifications*. Any acceleration of the progress as shown by the Contractor's progress schedule over the progress as shown above shall be subject to the approval of the Engineer.

DISADVANTAGED BUSINESS ENTERPRISE:

(10-16-07)(Rev. 1-16-24)

102-15(J)

SP1 G61

Description

The purpose of this Special Provision is to carry out the U.S. Department of Transportation's policy of ensuring nondiscrimination in the award and administration of contracts financed in whole or in part with Federal funds. This provision is guided by 49 CFR Part 26.

Definitions

Additional DBE Subcontractors - Any DBE submitted at the time of bid that will not be used to meet the DBE goal. No submittal of a Letter of Intent is required.

Committed DBE Subcontractor - Any DBE submitted at the time of bid that is being used to meet the DBE goal by submission of a Letter of Intent. Or any DBE used as a replacement for a previously committed DBE firm.

Contract Goal Requirement - The approved DBE participation at time of award, but not greater than the advertised contract goal.

DBE Goal - A portion of the total contract, expressed as a percentage, that is to be performed by committed DBE subcontractor(s).

Disadvantaged Business Enterprise (DBE) - A firm certified as a Disadvantaged Business Enterprise through the North Carolina Unified Certification Program.

Goal Confirmation Letter - Written documentation from the Department to the bidder confirming the Contractor's approved, committed DBE participation along with a listing of the committed DBE firms.

Payment will be made under:

Pay Item

Type 1 Bridge Approach Fill, Station _____

Type 2 Bridge Approach Fill, Station _____

Pay Unit

Lump Sum

Lump Sum

PRICE ADJUSTMENT - ASPHALT BINDER FOR PLANT MIX:

(11-21-00)(Rev. 1-16-24)

620

SP6 R25

Price adjustments for asphalt binder for plant mix will be made in accordance with Section 620 of the *Standard Specifications*.

The base price index for asphalt binder for plant mix is \$ **596.88** per ton.

This base price index represents an average of F.O.B. selling prices of asphalt binder at supplier's terminals on **May 1, 2024**.

FINAL SURFACE TESTING NOT REQUIRED:

(5-18-04) (Rev. 2-16-16)

610

SP6 R45

Final surface testing is not required on this project in accordance with Section 610-13, *Final Surface Testing and Acceptance*.

CONVERT EXISTING CATCH BASIN TO 2G.I.:

(1-1-02) (Rev. 1-16-23)

840, 859

SP8 R50

At the proper phase of construction, convert the existing **Catch Basin** at locations indicated in the plans or where directed, to **2G.I.** in accordance with the details in the plans and the applicable requirements of Sections 840 and 859 of the *Standard Specifications*.

Convert Existing Catch Basin to 2G.I. will be measured and paid as each, completed and accepted. Such price and payment is considered full compensation for all equipment, materials, labor, tools, and incidentals necessary to complete each conversion satisfactorily.

Payment will be made under:

Pay Item

Convert Existing **Catch Basin** to **2G.I.**

Pay Unit

Each

TEMPORARY SHORING:

(2-20-07)(Rev. 1-16-24)

SP11 R02

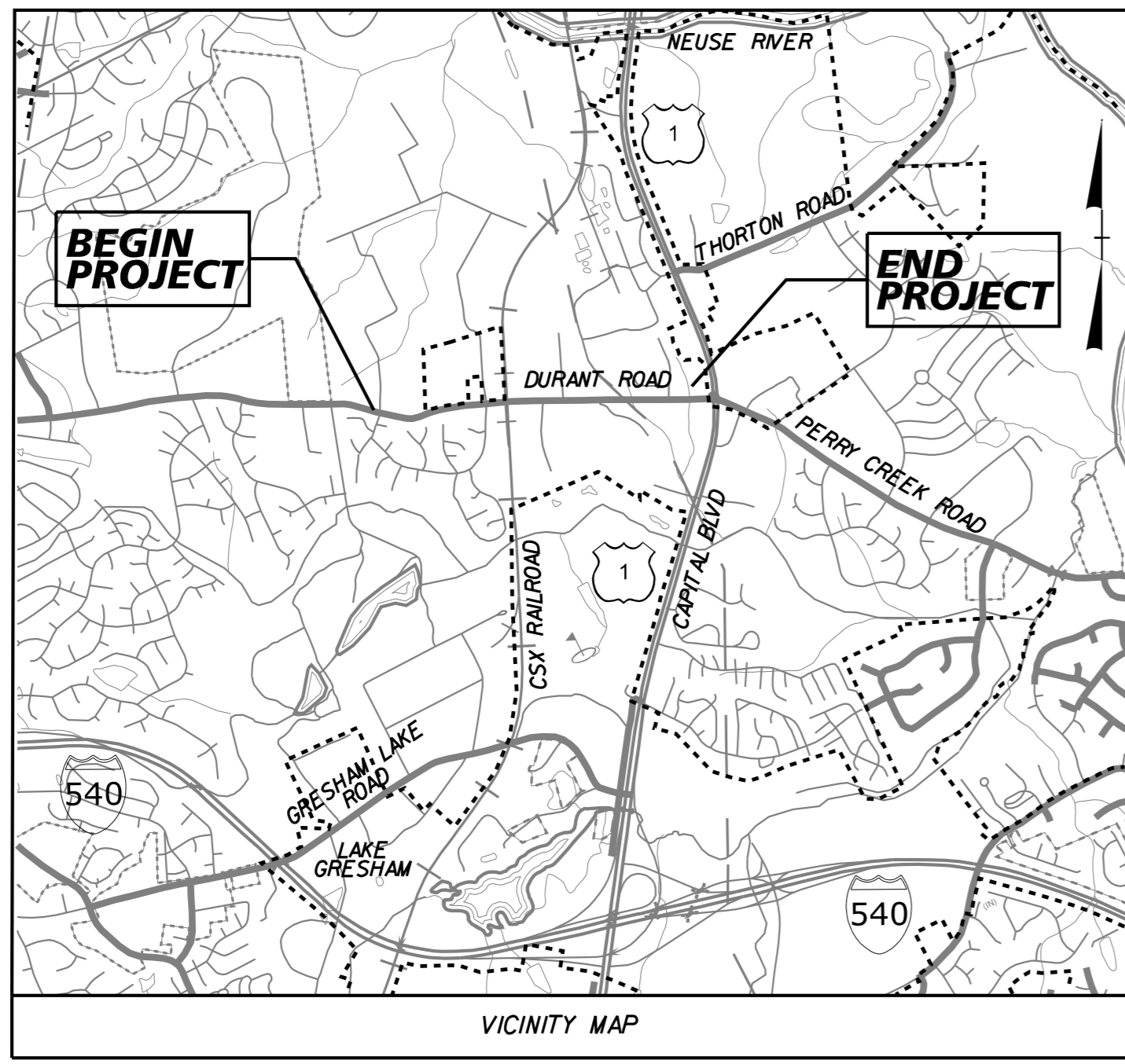
Description

Temporary shoring includes cantilever, braced and anchored shoring and temporary mechanically stabilized earth (MSE) walls. Temporary shoring does not include trench boxes. At the Contractor's option, use any type of temporary shoring unless noted otherwise in the plans or as directed. Design and construct temporary shoring based on actual elevations and shoring dimensions in accordance with the contract and accepted submittals. Construct temporary shoring at locations shown in the plans and as directed. Temporary shoring is required to maintain traffic when a 2:1 (H:V) slope from the top of an embankment or bottom of an excavation will intersect the existing ground line less than 5 feet from the edge of pavement of an open travelway. This

09/28/19

CONTRACT: C204204 TIP PROJECT: P-5720

SEE SHEET 1A FOR INDEX OF SHEETS
SEE SHEET 1B FOR CONVENTIONAL PLAN SHEET SYMBOLS



----- RALEIGH CITY LIMITS

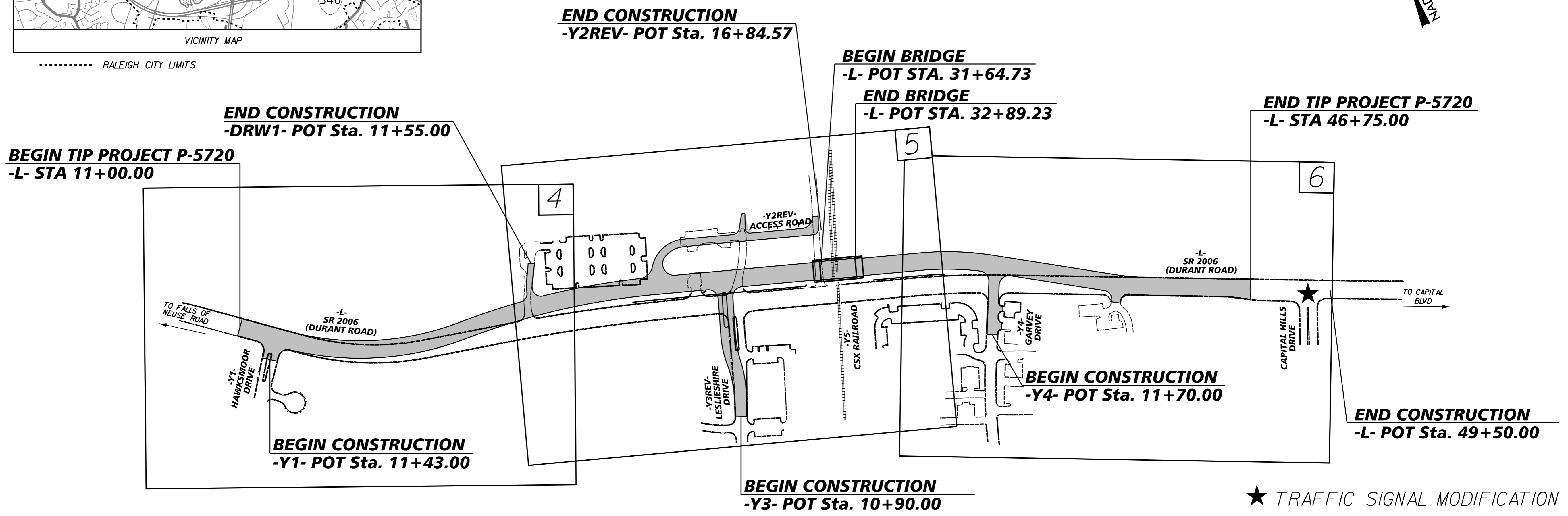
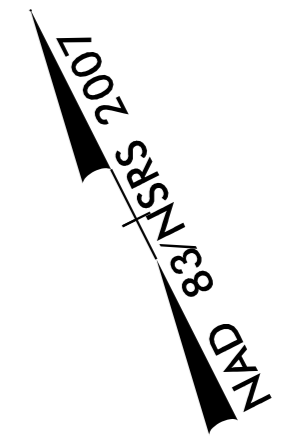
STATE OF NORTH CAROLINA RAIL DIVISION

WAKE COUNTY

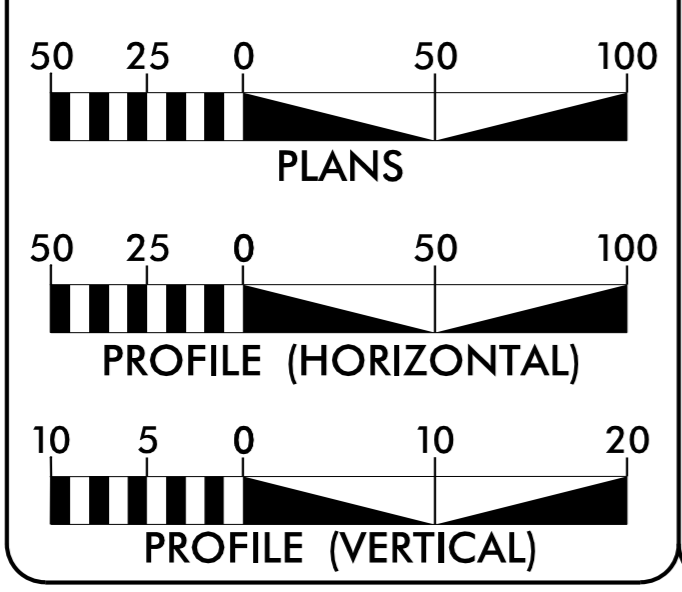
**LOCATION: PROPOSED GRADE SEPARATION OF SR 2006 (DURANT ROAD)
OVER CSX S LINE IN RALEIGH**

**TYPE OF WORK: GRADING, DRAINAGE, PAVING, RETAINING WALLS, STRUCTURE
AND SIGNALS**

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	P-5720	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
46932.1.1		PE	
46932.2.1		RW & UTIL	
46932.3.1		CONST.	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			



GRAPHIC SCALES



DESIGN DATA

ADT 2021 = 22,000
 ADT 2040 = 31,100
 K = 8%
 D = 55%
 T = 3%*
 V = 50 MPH

CLASSIFICATION:
 URBAN COLLECTOR

* 1% TTST 2% DUAL
 SUBREGIONAL TIER

PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT P-5720 = 0.653 MILES
 LENGTH STRUCTURE TIP PROJECT P-5720 = 0.024 MILES
 TOTAL LENGTH TIP PROJECT P-5720 = 0.677 MILES

Prepared in the Office of:

Kimley & Horn

2024 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE: JUNE 7, 2018

LETTING DATE: JUNE 18, 2024

GREGORY BREW, PE
PROJECT ENGINEER

EVERETT LOVING, PE
PROJECT DESIGN ENGINEER

BRIAN GACKSTETTER
ENGINEERING COORDINATION MANAGER
NCDOT RAIL DIVISION

HYDRAULICS ENGINEER

6/5/2024

DocuSigned by:
Gregory Brew
SIGNATURE:

ROADWAY DESIGN ENGINEER

6/5/2024

DocuSigned by:
Gregory Brew
SIGNATURE:

NC DEPARTMENT OF
TRANSPORTATION

RAIL DIVISION

ENGINEERING COORDINATION
AND SAFETY

6/5/2024