

September 6th, 2023

TO ALL PROSPECTIVE BIDDERS

Rogers Road

Bolton & Menk, Inc. Project No. 50501.53

Bid Date: September 14th, 2023
Time 10:00 AM

Bid Submittal: Town of Rolesville
Town Hall
502 Southtown Circle
Rolesville, NC 27571

ADDENDUM #1:

This Addendum, issued prior to receipt of bids, shall and does hereby become part of the Contract Documents for the referenced Project. All Prime Contractors shall be responsible for ensuring that their Subcontractors are properly apprised of the contents of this Addendum. All information contained in this Addendum shall take precedence over any conflicting information in the original Drawings and Specifications, dated **December 21, 2021 (Revised April 20, 2023)**.

SPECIFICATION REVISIONS:

1. BID FORM

DELETE the BID FORM in its entirety and REPLACE with the attached BID FORM (Revised 09/05/2023).

All bids shall be submitted on the attached Bid Form.

This Bid Form ADDED the following items:

Bid Item No. 12 – GRADING.

This Bid Form REVISES the following items:

Bid Item No. 3 – SELECT TREE REMOVAL has increased quantity from 1 EA to 2 EA. *This aligns with the tree removal shown on Sheet C-100.*

Bid Item No. 14 – AGGREGATE BASE COURSE has decreased quantity from 1,200 TON to 400 TON. *This revised quantity accounts for aggregate base course under the Rogers Creek Way and aligns with the typical pavement sections shown on Sheet C-101.*

Bid Item No. 17 – ASPHALT CONCRETE BASE COURSE, TYPE S9.5B has been revised to ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, and quantity has increased from 730 TON to 810 TON. *This aligns with the typical pavement sections shown on Sheet C-101.*

Bid Item No. 18 – ASPHALT CONCRETE BASE COURSE, TYPE SF9.5A has been removed. *This asphalt mix is no longer available.*

Bid Item No. 27 – 15 INCH RC PIPE CULVERTS, CLASS III has been revised to 15 INCH RC PIPE CULVERTS, CLASS IV. *This aligns with Sheet C-500.*

Bid Item No. 28 – 24 INCH RC PIPE CULVERTS, CLASS III has been revised to 24 INCH RC PIPE CULVERTS, CLASS IV. *This aligns with Sheet C-500.*

DRAWING REVISIONS:

1. PLAN SHEETS

- a. DELETE Sheet C-101 and REPLACE with attached revised Sheet C-101. The revision on this sheet consists of changes to the pavement mix used for Rogers Creek Way from SF9.5A to S9.5C.
- b. DELETE Sheet C-501 and REPLACE with attached revised Sheet C-501. The revision on this sheet consists of changes to Construction Note 12 changing “straw-coconut fiber matrix” to “straw/excelsior fiber matrix.”

RESPONSES TO QUESTIONS RECEIVED FROM BIDDERS:

Reference Pre-Bid meeting minutes for all questions and clarifications from the Pre-Bid Meeting.

QUESTION

1. Can you provide clarification to the below question concerning the Rogers Road Street Widening Improvements project? Is the Price Adjustment – Base AC Price Index \$ 618.13 per ton (August 1, 2023)?
2. Is it 1 LS for the 8” and 12” on C500?

RESPONSE

1. Since the project will be bid in September, use the September NCDOT AC price index as the base price.
2. Yes, Bid Item 24 – Watermain Relocation is for the 3 watermain offsets as shown on Sheet C-500.

ATTACHMENTS:

1. Pre-Bid Agenda dated 08/30/23
2. Pre-Bid Meeting Minutes dated 09/01/23
3. Pre-Bid Meeting Attendance Sign-In Sheet dated 08/30/23
4. Bid Form (Revised 09/05/2023)
5. Sheet C-101 (Revised 09/06/2023)
6. Sheet C-501 (Revised 09/06/2023)
7. CAD file (Under separate cover)



Best regards,

BOLTON & MENK, INC., dba COLEJENEST & STONE



Jacqueline Thompson, PE
Associate Project Engineer
Jacqueline.Thompson@bolton-menk.com

cc: Current Plan Holders
Eric Marsh, Assistant Town Manager, Town of Rolesville
Tammy Croom, Town of Rolesville
Todd Fisher, PE, Bolton & Menk/CJS



A. Introductions & Sign-in

- a. Owner – Town of Rolesville
 - i. Eric Marsh, MPA, EI, Assistant Town Manager
- b. Design Consultants
 - i. Jacqueline Thompson, PE – Bolton & Menk, Inc (BMI)

B. Project Description

Work included in the project consists of milling the top 1.5 inches of existing pavement and widening the existing 2 lane roadway to 3 lanes. The widening will occur on both the northbound and outbound sides, tapering from the existing width to a maximum 6.5 ft widening on both sides. New storm sewer structures and pipes will be installed to collect drainage and maintain existing drainage patterns, and ditches will be regraded.

C. Bid Information

- a. Single Prime Unit Cost Bid (review bid form)
 - i. Contract will be awarded based on lowest Total Bid price. Refer to Section 01 22 00 – Unit Prices of the project manual for procedures used to confirm the accuracy of unit price bids.
- b. Bid, Performance, and Payment Bond required
- c. End of day, Monday, September 4th, 2023: Deadline for receiving RFI & clarifications. Final Addenda will be issued Wednesday, September 6th, 2023.
- d. **BID OPENING Wednesday, September 13th, 2023 @ 10 AM, Rolesville Town Hall, 502 Southtown Circle, Rolesville, NC 27571**
- e. Business Diversity and Inclusion (BDI) Participation Goals – 10% MWSBE
- f. Fill out forms indicated in the Bid Proposal Form completely and submit with bid:
 - i. Bid Bond or Bid Deposit
 - ii. BDI Forms

1. **Time of Bid**

In adherence to the Bid due date, along with the Bid documents, the Bidder is required to fully complete and submit the appropriate BDI Program Form(s) relating to potential MWBE utilization on the project.

- Identification of HBU Certified/Minority Business Participation
- Affidavit A – Listing of Good Faith Efforts
- Affidavit B – Intent to Perform Contract with Own Workforce

2. **Time of Intent to Award**

The Bidder that is determined to be the lowest responsible and responsive Bidder (construction) or the best value responsible and responsive Bidder (procurement) is required to submit the appropriate BDI Program Form(s) relating to confirmed MWBE utilization and Good Faith Efforts accomplished (if applicable).

g. Digital Files

- i. CAD files may be provided upon request (Digital Files are provided for informational purposes ONLY and as a convenience to Bidders. The information is provided “as-is” without warranty and is NOT part of the bid documents. Due to the easily alterable nature of electronic/digital files, the County and or its Consultants make no warranties, either express or implied, with respect to the accuracy, completeness, or fitness for any particular purpose, including, but not limited to, performance of electronic/digital files in cost estimating, quantity calculating, survey layout, or other software used by the Bidder).

D. Contract Time

- a. 74 calendar days from issuance of Notice to Proceed.
- b. Liquidated damages apply at a rate of \$500.00/day.

E. Project Details

- a. Permits – The Town of Rolesville has obtained or filed the federal and state permits for this project contained herein. The Town of Rolesville will make available to the Contractor, copies of any additional terms and conditions of the various permits. It shall be the Contractor’s responsibility to comply with all such terms and conditions.
 - i. NCDOT Driveway Permit
 - ii. City of Raleigh Water Permit
 - iii. NCDEQ Sediment & Erosion Control (Contractor responsible for any off-site earthwork disposal permits)
 - iv. Responsibility of Contractor
 1. All other permits necessary to complete the Work.
- b. Engineer’s Estimate of Probable Construction Costs:
 - i. Base Bid: \$300,000 to \$350,000.
- c. Working Hours - Normal working hours are Monday through Friday between the times of 7:00 AM and 5:00 PM, and do not include nationally recognized holidays. Weekend work is permissible upon approval by Owner.
- d. General Requirements & Information:
 - i. It is the Contractor’s responsibility to maintain erosion control devices throughout the duration of project. Self-inspection forms and records required for NPDES permit during construction.
 - ii. Measurement and Payment: Refer to individual Section Numbers for the descriptions and methods of measurement for each unit price. Quantities will be both field reviewed by Town Inspector and during review of Pay Application by consultant. Owner reserves the right to reject Contractor’s measurement of work-in-place that involves use of established unit prices and to have this work

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measured, at Owner's expense, by an independent agent.

- iii. Construction Access – No parking of construction equipment is allowed on neighborhood streets.
- iv. Traffic Control –
 - 1. Traffic must be maintained at all times during construction along Rogers Road; residential access must be maintained at all times during construction.
 - 2. Advanced warning signs shall be in place for 7 calendar days before construction activity begins.
- v. Communication – Communication with adjacent residents will be through the Town.

F. RFI & Clarifications

- a. Direct all questions and request for information to the County's Authorized

Design Consultant:

ColeJenest & Stone/Bolton & Menk, Inc

Contact: Jacqueline Thompson, PE
Jacqueline.thompson@bolton-menk.com
919.417.6753

- b. Expect first bid addendum following pre-bid meeting to include: meeting notes, attendee list, link to CAD files if applicable, and answers to submitted questions to date.

G. Key Dates

- a. Monday, September 4th, 2023, deadline for receiving RFI & clarifications.
- b. Wednesday, September 6th, 2023, final addendum will be issued.
- c. **BID OPENING Wednesday, September 13th, 2023 @ 10 AM**
Rolesville Town Hall
502 Southtown Circle
Rolesville, NC 27571
- d. Notice to Proceed anticipated to be approximately October 9th, 2023.
- e. Anticipated Construction start date will be October 30th, 2023.
- f. A preconstruction meeting to be held within 14 days of project start.

H. Contractor Questions

Attendees:

- Jacqueline Thompson, Bolton & Menk
- Tammy Croom, Town of Rolesville
- Garrius Jones, Lanier Construction
- John Egan, Cardinal Civil
- Randy Talley, Carolina Sunrock
- Justin Darnell, ST Wooten
- BJ Lanier, Lanier Construction

Start Meeting at 10:02 AM

A. Introductions & Sign-in

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 - i. Eric Marsh, MPA, EI, Assistant Town Manager
- b. Design Consultants
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- e. Business Diversity and Inclusion (BDI) Participation Goals – 10% MWSBE
- f. Fill out forms indicated in the Bid Proposal Form completely and submit with bid:
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D. Contract Time

- a. 74 calendar days from issuance of Notice to Proceed.
- b. Liquidated damages apply at a rate of \$500.00/day.

E. Project Details

- a. Permits – The Town of Rolesville has obtained or filed the federal and state permits for this project contained herein. The Town of Rolesville will make available to the Contractor, copies of any additional terms and conditions of the various permits. It shall be the Contractor’s responsibility to comply with all such terms and conditions.
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 - iii. Construction Access – No parking of construction equipment is allowed on neighborhood streets.
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- a. Direct all questions and request for information to the County's Authorized **Design Consultant:**
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 - Jacqueline.thompson@bolton-menk.com
 - 919.417.6753
- b. Expect first bid addendum following pre-bid meeting to include: meeting notes, attendee list, link to CAD files if applicable, and answers to submitted questions to date.

G. Key Dates

- a. ~~Monday, September 4th, 2023~~ **Tuesday, September 5th, 2023**, deadline for receiving RFI & clarifications.
- b. Wednesday, September 6th, 2023, final addendum will be issued.
- c. **BID OPENING ~~Wednesday, September 13th, 2023~~ Thursday, September 14th, 2023 @ 10 AM**

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- d. Notice to Proceed anticipated to be approximately October 9th, 2023.
- e. Anticipated Construction start date will be October 30th, 2023.
- f. A preconstruction meeting to be held within 14 days of project start.

H. Contractor Questions & Discussion:

- a. Expressed concern about the schedule presented, starting end of October and ending in December, due to paving restrictions starting in November depending on temperatures.
 - i. The intent is the project is scheduled and completed per the proposed schedule, completed by December 22nd. The Town recognizes the weather is outside of the contractor's control and will consider liquidated damages accordingly. It is expected that the contractor will present a proposed schedule to meet the completion date.
- b. There is not a grading line item for fine grading to cover incidental grading. Is it intended that unclassified excavation covers it?
 - i. A Bid Item for Grading, Lump Sum, has been added. NCDOT Specification 226 – Comprehensive Grading is inclusive of Specification 500 and Specification 560 so there will be no separate pay item for fine grading.
- c. Should striping be thermoplastic or paint?
 - i. Striping shall be paint, per the bid item.
- d. The decorative light is marked for removal. Is it wired and if so, where is the wiring connected to?
 - i. The decorative light to be relocated is wired but it is unknown where it comes from/goes to. Coordination with the homeowner will be required.
- e. Where is the watermain relocation?
 - i. The water relocation is for the 3 offsets required to install the storm sewer, as identified on Sheet C-500.
- f. Is the water able to be isolated and turned off?
 - i. Yes. This is a dead-end line with valves. City of Raleigh has confirmed the line will be able to be isolated and turned off to complete the water main relocation as identified on the plans.
- g. Are CAD files available and how do we request them?
 - i. The CAD files for the linework has been included as part of Addendum 01.
- h. Item 18 no longer exists for a mix type. What is the preferred mix?
 - i. The plans and bid form have been revised to use S9.5C for the pavement mix at Rogers Creek Way in place of SF9.5A.

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- i. Does the quantity included for the aggregate base course tonnage include just the road connection since the widening less than 6 feet does not account for aggregate base?
 - i. The original quantity presented in the bid form was incorrect. The bid form has been revised to account for 8" of aggregate base under Rogers Creek Way, new sidewalk, and transition from Rogers Creek Way to the widening along Rogers Road, where widening transitions to less than 6 feet wide, to align with the typical pavement sections on Sheet C-101.
- j. What is the DBE requirement?
 - i. 10%

End Meeting at 10:23 AM

BID PROPOSAL FORM

OWNER: Town of Rolesville
502 Southtown Circle
Rolesville, NC 7571

PROJECT: Rolesville Town Hall Renovations

Bidder's Interest: The undersigned, as Bidder, hereby declares that only the person or persons interested in this proposal as principal or principals is or are named herein and that no other person than herein mentioned has any interest in this proposal or in the contract to be entered into; that this proposal is made without connection with any person, company or parties making a bid or proposal. In all respects bidder's proposal is made fairly and in good faith without collusion or fraud.

Knowledge of Local Conditions and Contract Documents: The bidder further declares that he has examined the sites of proposed work and informed himself fully in regard to all conditions relating to the place where the work is to be done. Further, bidder declares he has examined drawings, specifications, and contract documents relative to the work and has read all provisions prior to opening of bids and has satisfied himself relative to work to be performed.

Stipulated Amount: Bidder hereby proposes and agrees if this proposal is accepted to contract with the Town of Rolesville in the form of agreement specified, and to furnish all materials, equipment, machinery, tools, apparatus, means of transportation, services, and labor necessary to complete the Base Bid work for construction this Project.

Owner's Rights Reserved: Undersigned understands the Owner reserves the right to reject any and all proposals or to waive any formality or technicality in any proposal in the interest of the owner.

Additional work: Bidder agrees to perform additional work which may be required to complete the work upon execution by both parties of a proper Change Order. Bidder is not to commence any additional work prior to approval and execution of such Change Orders.

Contract Time: Upon award of contract, Undersigned agrees to fully complete all work prior to schedule, as specified in the Contract Documents.

Addenda: Undersigned hereby acknowledges receipt of the following addenda to the bidding documents:

Addendum Number	Date	Received
_____	_____	_____
_____	_____	_____

Bidder will complete work in full and complete accordance with specifications and contract documents to the full and entire satisfaction of the Town of Rolesville with understanding that no money will be allowed for extra work except as set forth in the General Conditions of the Contract Documents. Bidder will complete the work for the amounts listed hereafter.

CONSTRUCTION CONTRACT – UNIT PRICES

LINE ITEM	SECTION NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT (Qty x Unit Price)
1	800	MOBILIZATION	1.00	LS	\$	\$
2	801	CONSTRUCTION SURVEYING	1.00	LS	\$	\$
3	200	SELECT TREE REMOVAL	2.00	EA	\$	\$
4	SP-01	TRAFFIC CONTROL	1.00	LS	\$	\$
5	340	PIPE REMOVAL	115.00	LF	\$	\$
6	607	MILLED ASPHALT PAVEMENT 1.5" DEPTH	3,935.00	SY	\$	\$
7	848	4 INCH CONCRETE SIDEWALK	45.00	SY	\$	\$
8	848	CONCRETE CURB RAMP	2.00	EA	\$	\$
9	848	6 INCH CONCRETE DRIVEWAY	40.00	SY	\$	\$
10	545	INCIDENTAL STONE BASE (DRIVEWAYS)	70.00	TON	\$	\$
11	225	UNCLASSIFIED EXCAVATION	1,785.00	CY	\$	\$
12	226	GRADING	1.00	LS	\$	\$
13	SP-02	EROSION AND SEDIMENT CONTROL	1.00	LS	\$	\$
14	SP-03	TREE PROTECTION	150.00	LF	\$	\$
15	520	AGGREGATE BASE COURSE	400.00	TON	\$	\$
16	610	ASPHALT CONCRETE BASE COURSE, TYPE B25.0C	40.00	TON	\$	\$
17	610	ASPHALT CONCRETE BASE COURSE, TYPE I19.0C	320.00	TON	\$	\$
18	610	ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C	810.00	TON	\$	\$
19	620	ASPHALT BINDER FOR PLANT MIX	30.00	TON	\$	\$
20	1205	PAINT PAVEMENT MARKING LINES, 4"	10,745.00	LF	\$	\$
21	1205	PAINT PAVEMENT MARKING SYMBOL	10.00	EA	\$	\$
22	846	30 INCH CONCRETE CURB AND GUTTER	60.00	LF	\$	\$
23	848	ADJUSTMENT OF WATER METER BOXES OR VALVES	6.00	EA	\$	\$
24	SP-04	WATERMAIN RELOCATION	1.00	LS	\$	\$

LINE ITEM	SECTION NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT (Qty x Unit Price)
25	310	15 INCH PIPE END SECTION, PRECAST FLARED END	9.00	EA	\$	\$
26	310	24 INCH PIPE END SECTION, PRECAST FLARED END	1.00	EA	\$	\$
27	310	15 INCH R.C. PIPE CULVERTS, CLASS IV	230.00	LF	\$	\$
28	310	24 INCH R.C. PIPE CULVERTS, CLASS IV	60.00	LF	\$	\$
29	840	DRAINAGE STRUCTURE	2.00	EA	\$	\$
30	851	RIP RAP, CLASS B	25.00	TON	\$	\$
31	851	GEOTEXTILE FOR DRAINAGE	80.00	SY	\$	\$
32	901	CONTRACTOR FURNISHED, TYPE E SIGN	1.00	EA	\$	\$
33	SP-05	CONTRACTOR FURNISHED, STREET NAME BLADE SIGN	1.00	EA	\$	\$
34	SP-05	SIGN RELOCATION	2.00	EA	\$	\$
35	SP-06	TEMPORARY MAILBOXES	6.00	EA	\$	\$
36	SP-06	MAILBOX RELOCATION	6.00	EA	\$	\$
37	SP-07	RELOCATED DECORATIVE LIGHT	1.00	EA	\$	\$

A. Base Bid: \$ _____

B. Owner's Contingency: \$ 30,000.00

C. Total Base Bid: \$ _____

The undersigned has enclosed the following with this Proposal:

- _____ Bid Bond or Bid Deposit
- _____ Listing of Good Faith Efforts
- _____ Identification of Subcontractor Participation
- ~~_____ Identification of Subcontractor Participation - Alternates~~

Proposal respectfully submitted this _____ day of _____, 20__.

(Firm or Corporation Name Making Bid)

Witness:

By: _____

By: _____
(proprietorship or partnership)

Title: _____
(owner, partner, corporate president, or vp)

Attest:

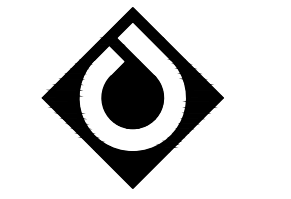
Address: _____

By: _____

NC License No: _____

Title _____
(corporate secretary or assistant secretary)

(Corporate Seal)



ColeJenest & Stone

Shaping the Environment
Realizing the Possibilities

Land Planning
Landscape Architecture
Civil Engineering
Urban Design

131 1/2 Wilmington Street, Suite 200
Raleigh, North Carolina 27601
p+ 919 719 1800 f+ 919 719 1819
url+ www.colejeneststone.com

TOWN OF ROLESVILLE WAKE COUNTY, NC

ROGERS ROAD WIDENING

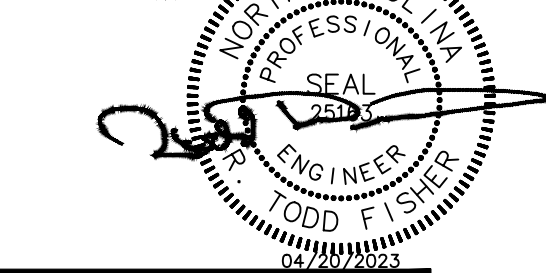
TYPICAL SECTIONS

CJS Project No.
50501.53

Issued
12/21/2021

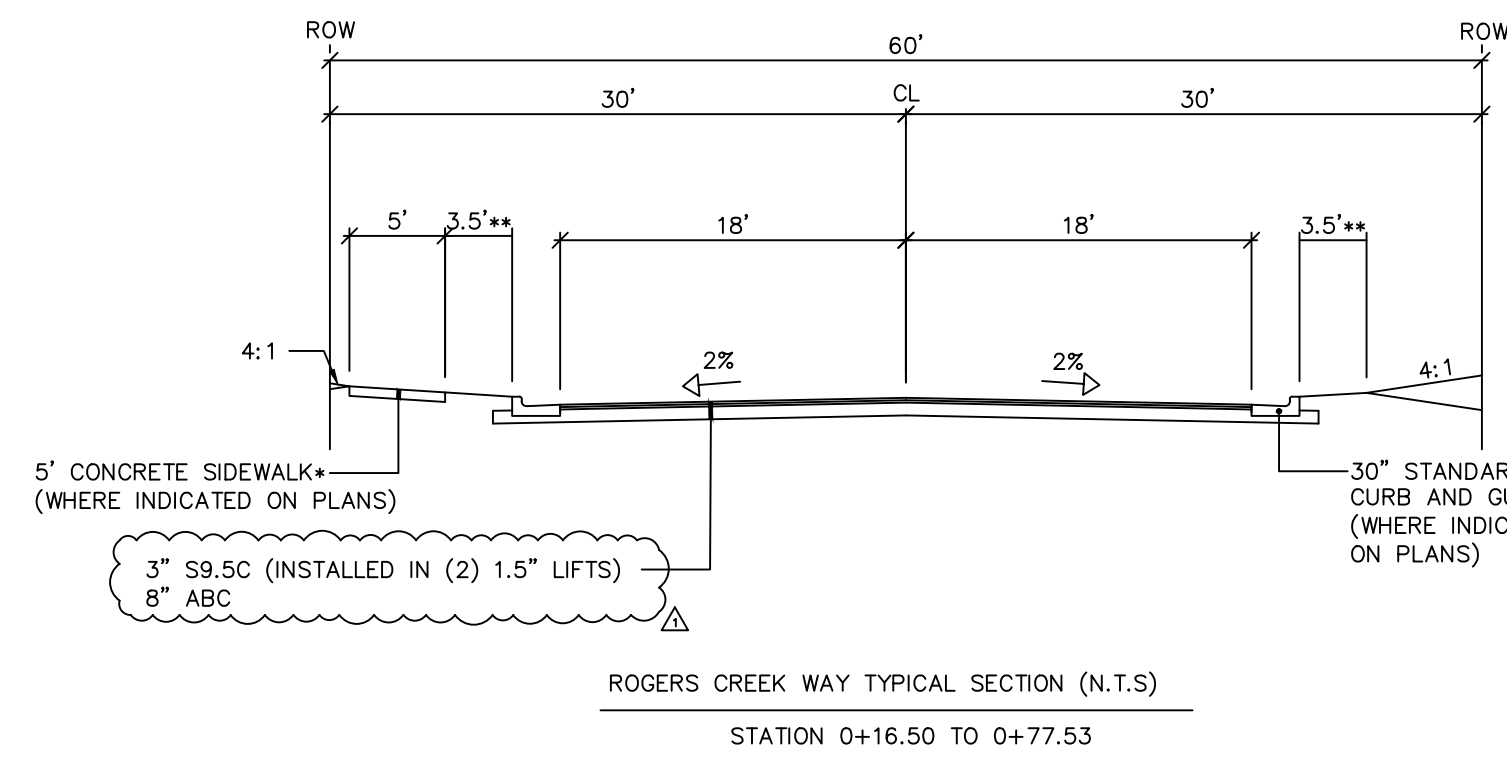
ROADWAY DESIGN

Revised
04/20/2021 - PERMITTING PLAN SET
09/06/2023 - ADDENDUM 01

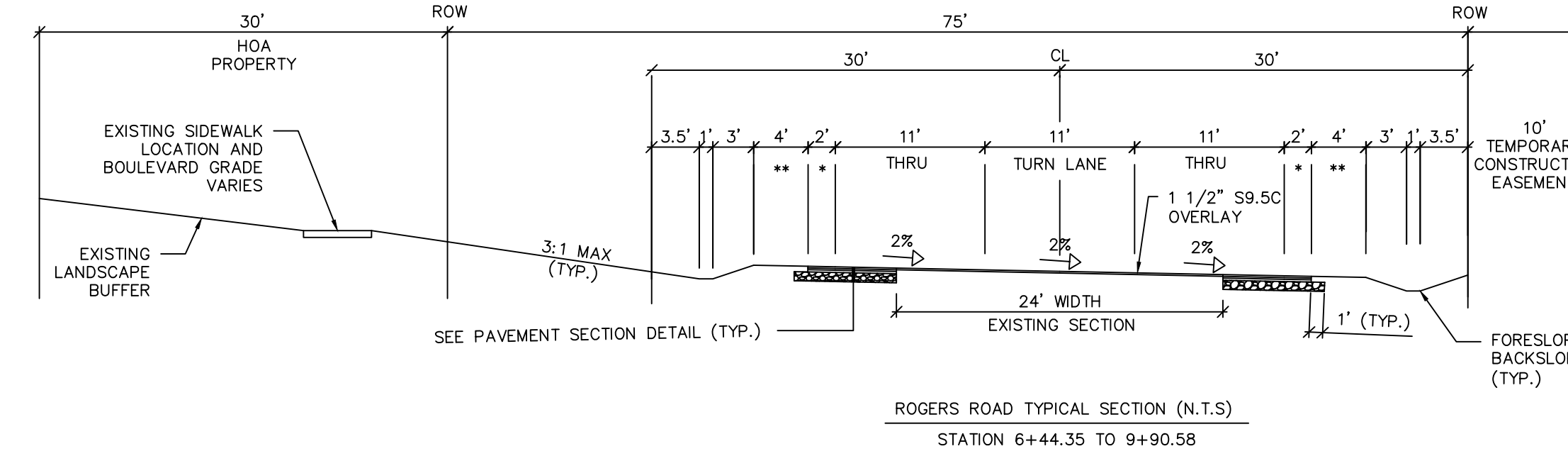


C-101

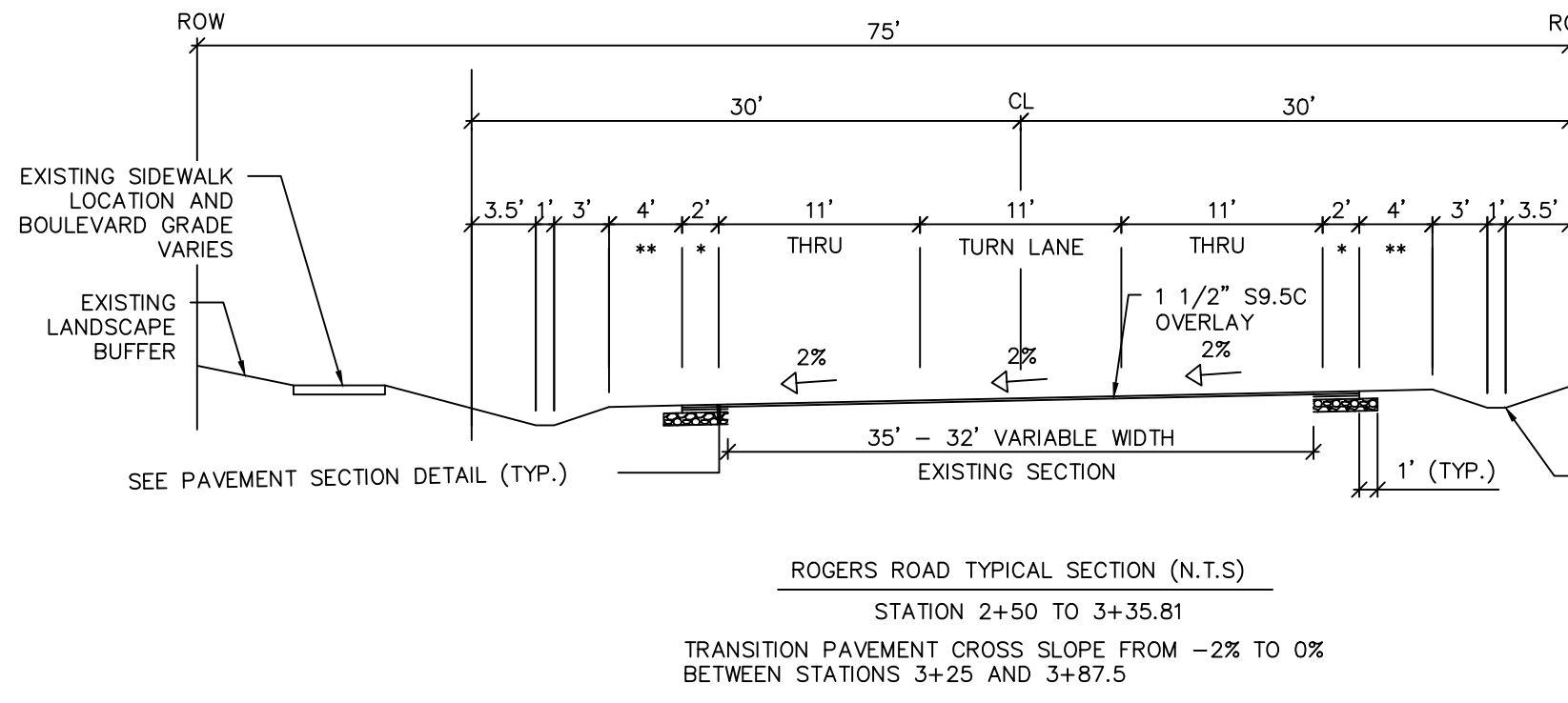
The drawings, the project manual and the design shown
thereon are instruments of Bolton & Menk, Inc.
The reproduction or unauthorized use of the documents
without consent of Bolton & Menk, Inc. is prohibited.
Bolton & Menk, Inc. 2021



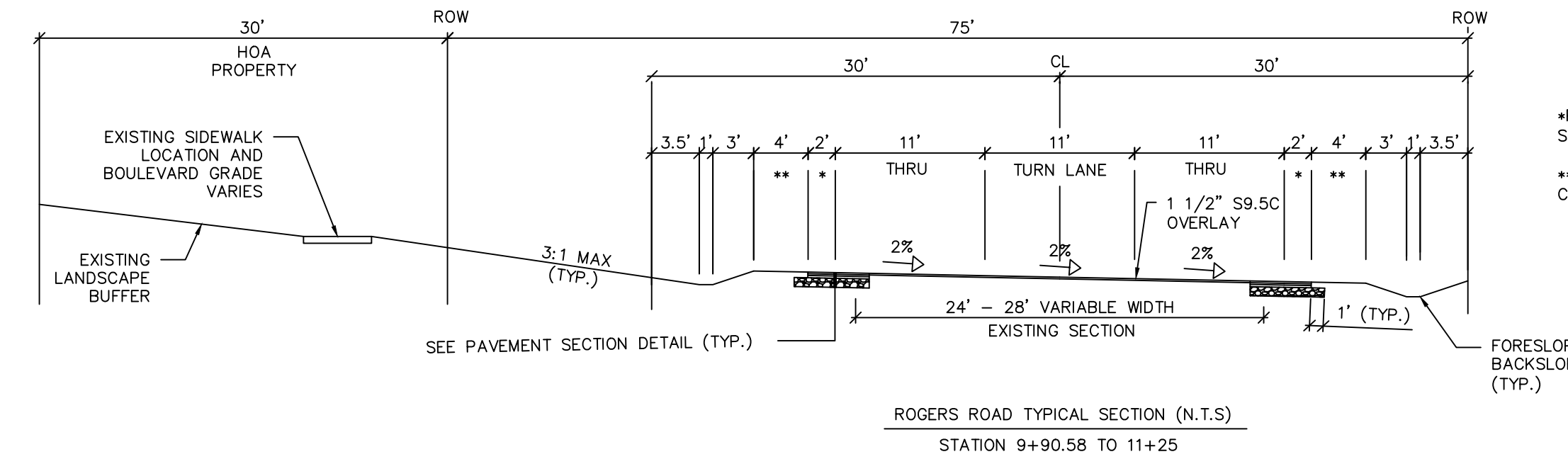
- *SIDEWALK NOTES:**
1. TRANSVERSE EXPANSION JOINTS TO BE A MAXIMUM OF 50' O.C.
 2. ALL CONCRETE TO BE FINISHED WITH CURING COMPOUND.
 3. A 4 INCH DEPTH IS REQUIRED.
 4. SAW CUT JOINTS TO WIDTH OF SIDEWALK AT 5' O.C.
 5. NO ABOVE GROUND UTILITIES OR UTILITY SURFACE COVERS/PLATES/MANHOLES SHALL BE LOCATED WITHIN SIDEWALK AND SHALL BE A MINIMUM OF 2 FEET FROM THE EDGE OF WALK.
 6. SIDE SLOPES SHALL NOT EXCEED 3:1. CUT AND FILL SLOPES SHALL TIE INTO EXISTING SLOPES TO CREATE AN EVEN TRANSITION.
- **BOULEVARD GRADES SHALL BE 1% MINIMUM AND 2% MAXIMUM**



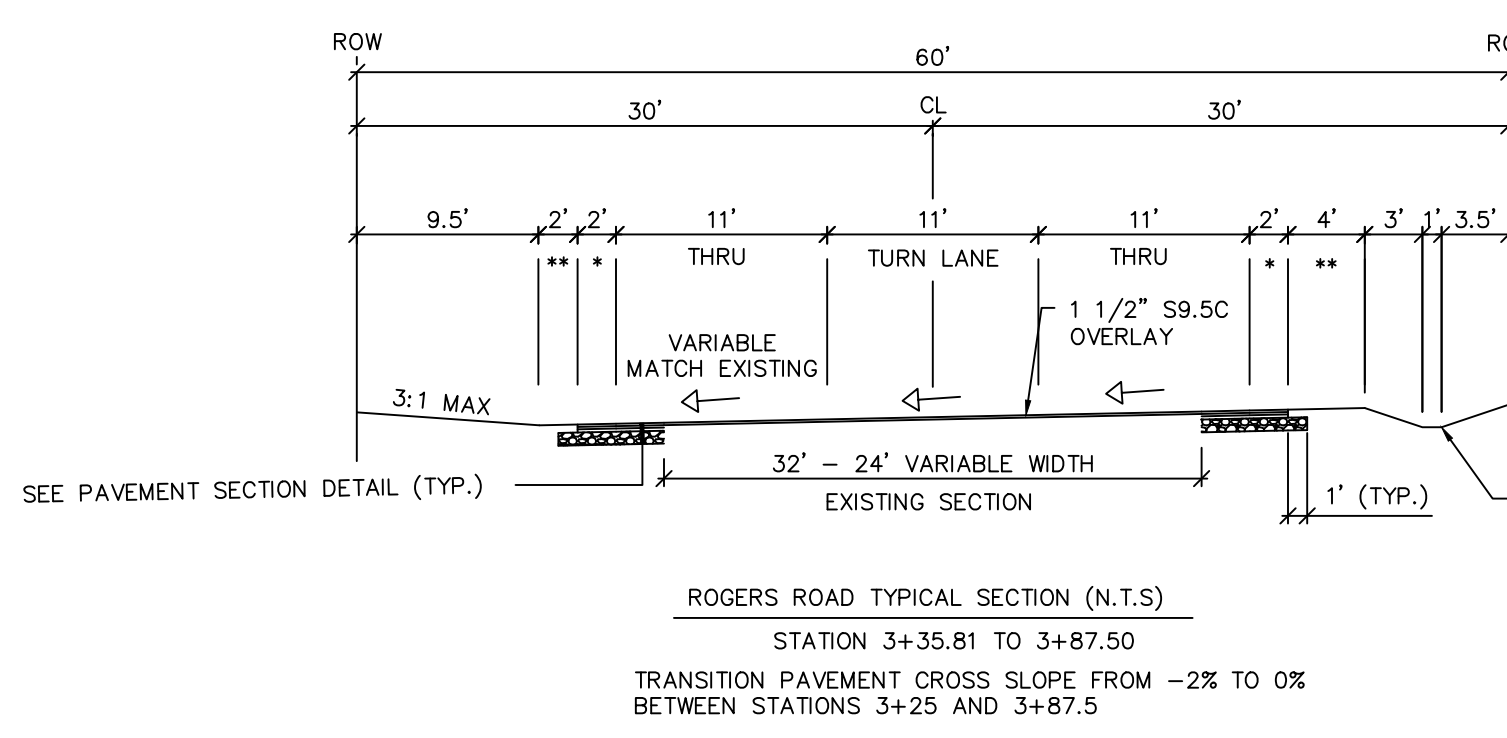
- *PAVED SHOULDER (MATCH STREET CROSS SLOPE)
 - **UN-PAVED SHOULDER (8% CROSS SLOPE)
- FORESLOPE IS 3:1
BACKSLOPE IS 2:1 MAX (TYP.)



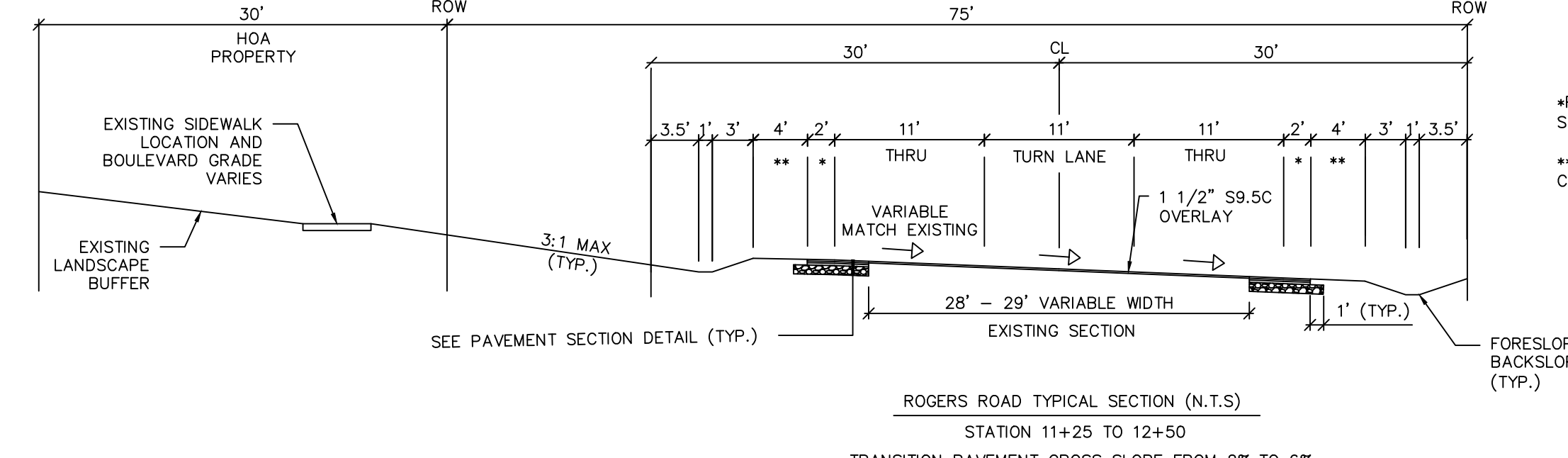
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 - **UN-PAVED SHOULDER (8% CROSS SLOPE)
- FORESLOPE IS 3:1
BACKSLOPE IS 2:1 MAX (TYP.)



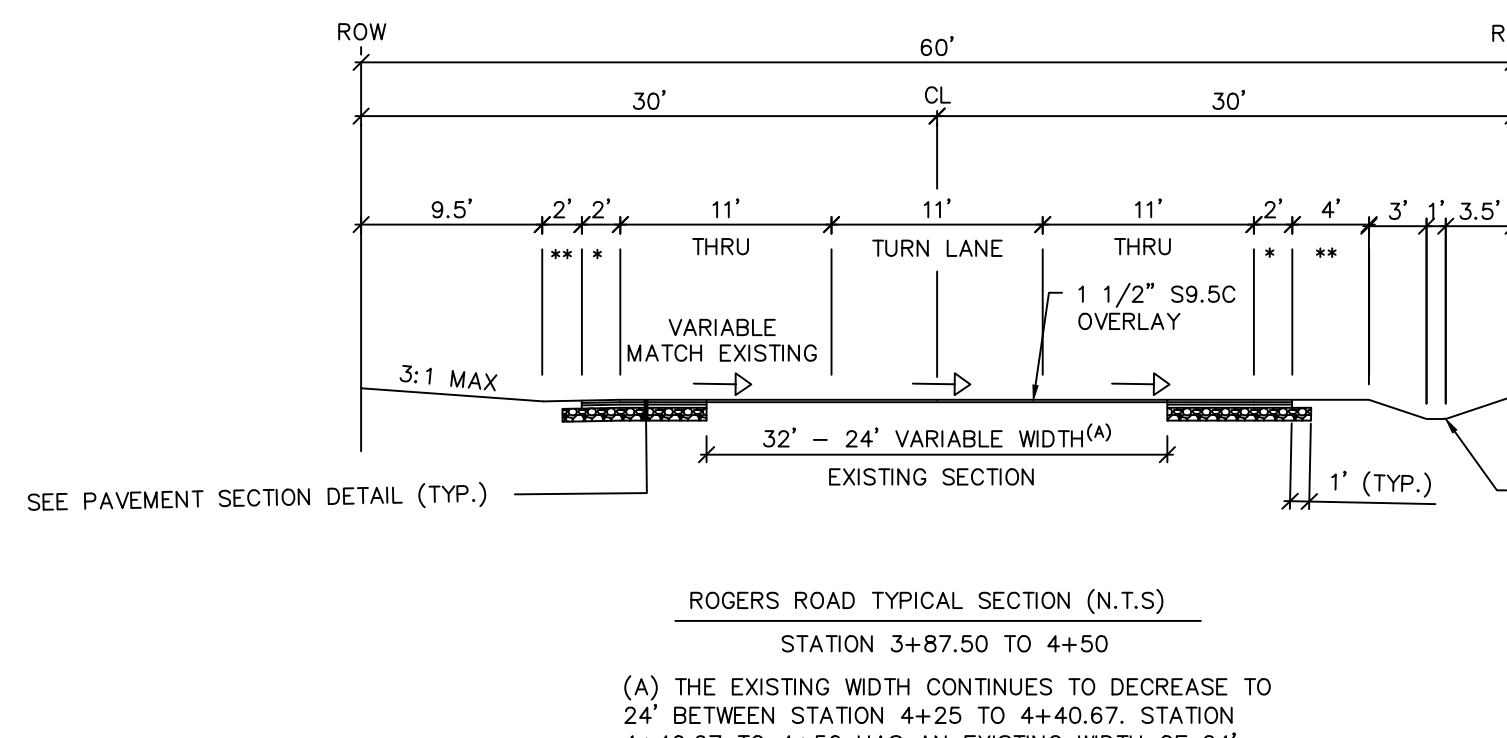
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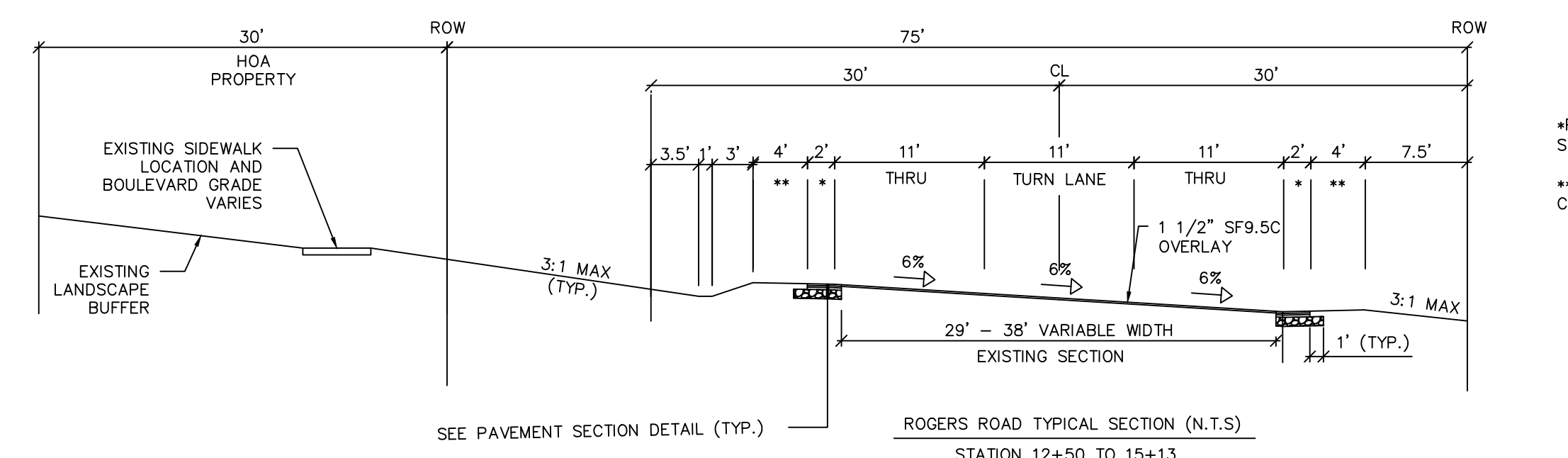
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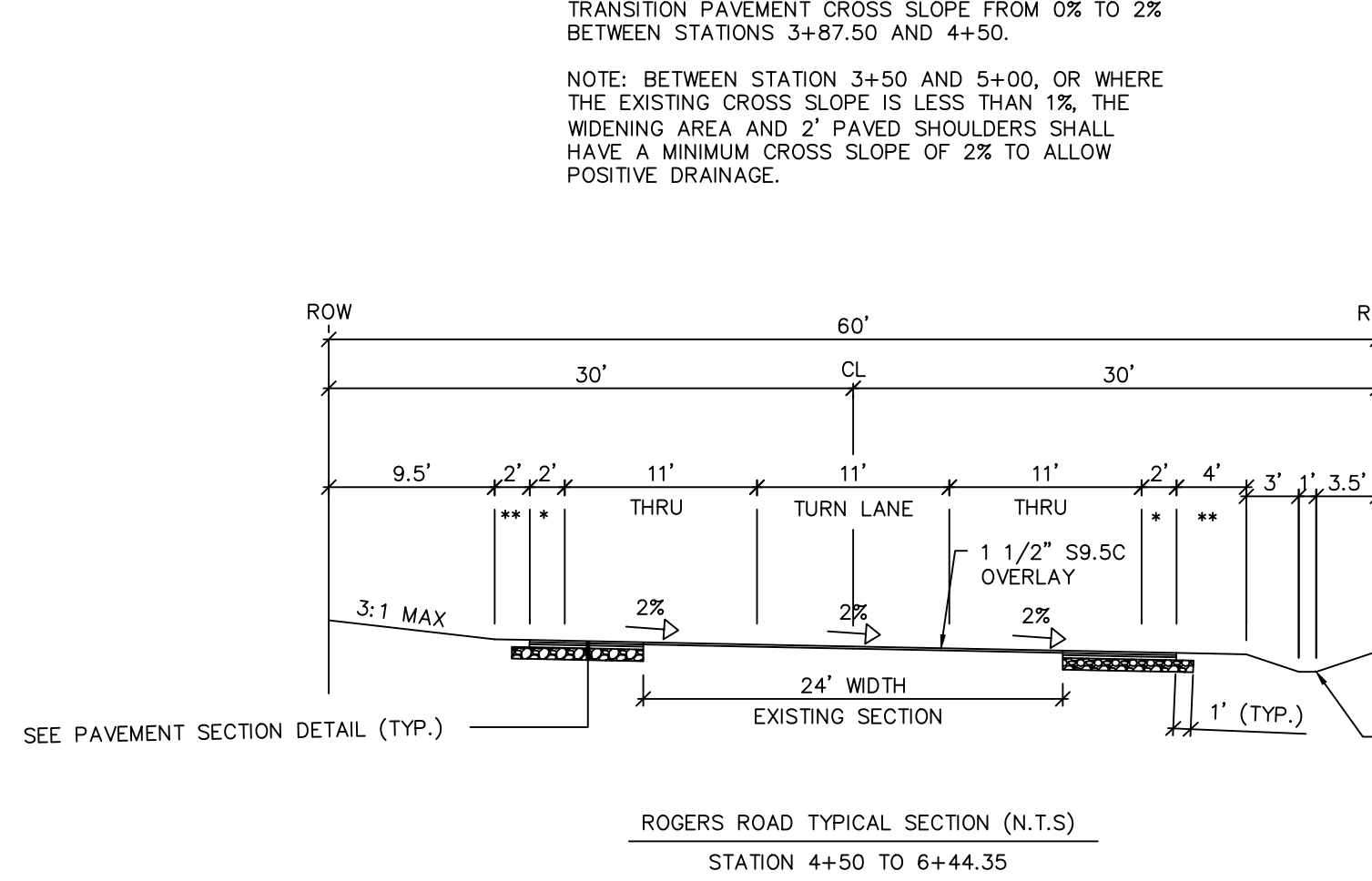
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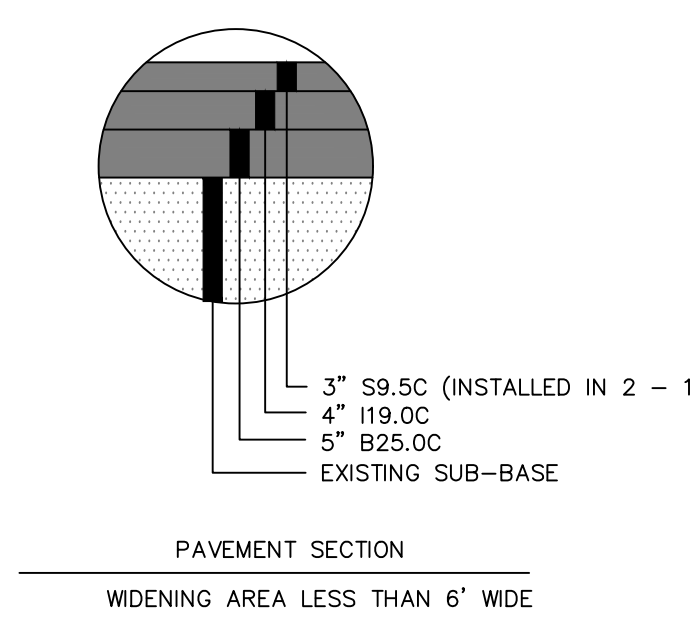
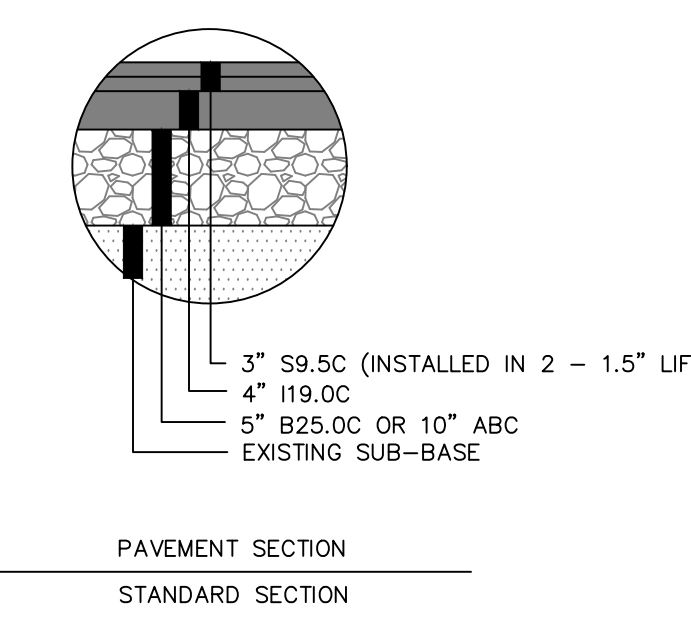


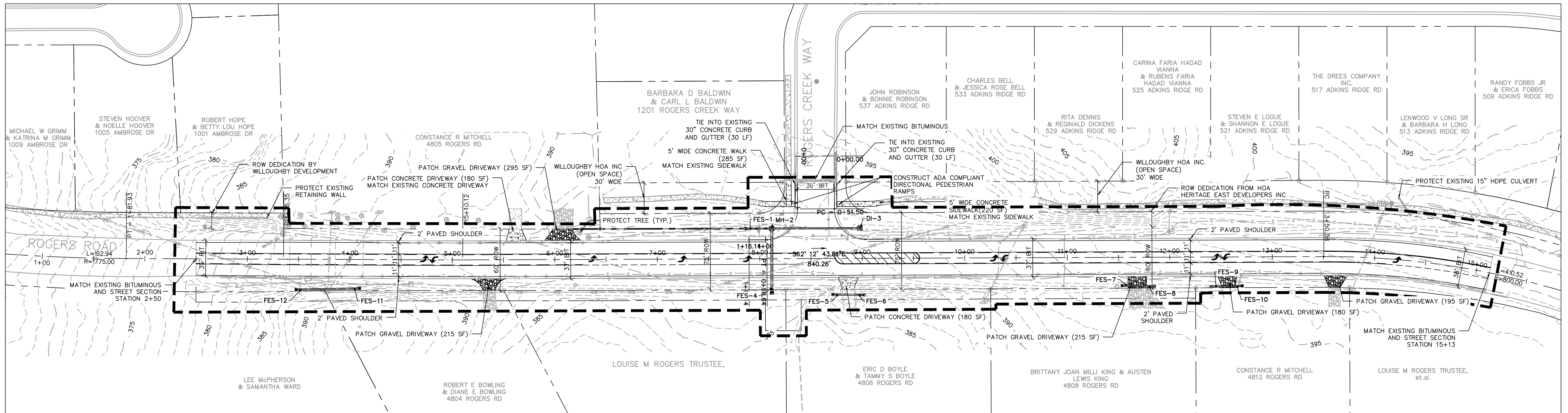
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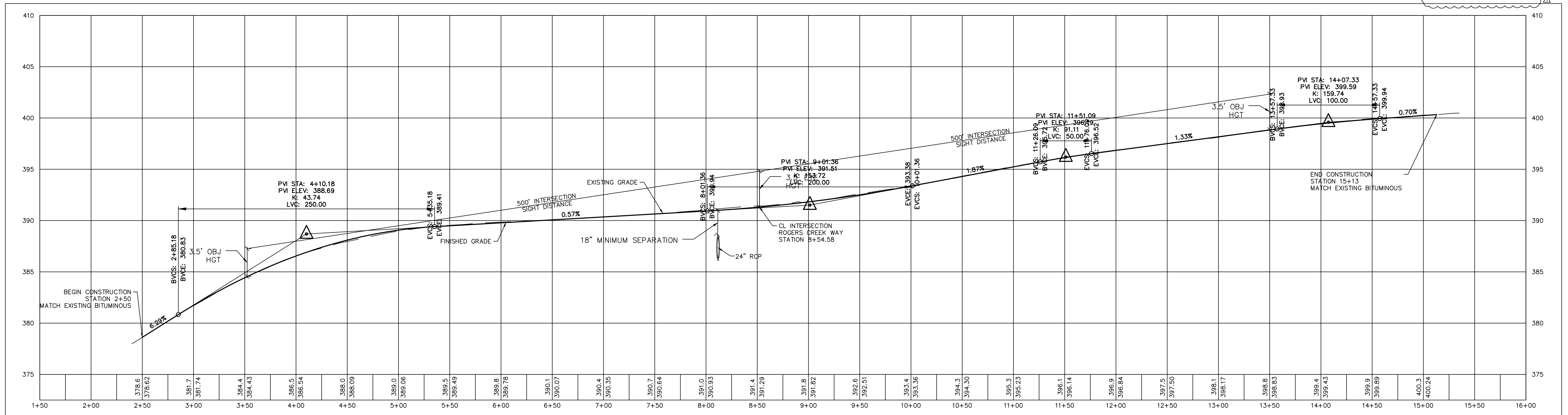
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- CONSTRUCTION NOTES:**
1. ROGERS ROAD ALIGNMENT STATIONS ARE ALONG EXISTING CENTERLINE.
 2. THE CENTERLINE OF ROGERS ROAD IS THE BASELINE FOR THE WIDENING OF THE SECTION.
 3. CROSS-SLOPE AND SUPERELEVATION GRADES SHOWN ON TYPICAL SECTIONS ARE REPRESENTATIVE. ACTUAL CONSTRUCTION OF THE ROADWAY SHALL MATCH EXISTING CONDITIONS. THE WIDENING CROSS-SLOPE SHALL MATCH THE EXISTING CROSS-SLOPE OF THE STREET.
 4. THE EXCEPTION TO THIS IS BETWEEN STATIONS 3+50 AND 5+00, OR WHERE THE EXISTING CROSS SLOPE IS LESS THAN 1% IN THESE LOCATIONS, THE WIDENING AND PAVED SHOULDER CROSS-SLOPE SHALL BE A MINIMUM OF 2% TO ALLOW POSITIVE DRAINAGE.
 5. WIDENING WILL OCCUR ON BOTH THE NORTH AND SOUTH SIDE OF ROGERS ROAD IN VARIABLE WIDTHS DEPENDING ON THE EXISTING SECTION.
 6. WHERE WIDENING WIDTH IS LESS THAN 6', FULL DEPTH ASPHALT (5" B25.0C, 4" I19.0C, 3" S9.5C) SHALL BE INSTALLED.
 7. 1 1/2" OF THE EXISTING PAVEMENT SHALL BE MILLED DURING WIDENING CONSTRUCTION.
 8. 1 1/2" OVERLAY SHALL BE PLACED ON THE EXISTING SECTION WITH THE FINAL LIFT OF PAVEMENT ON THE ENTIRE NEW SECTION.
 9. WHEN TYING INTO EXISTING GRADE ON EACH END, THE SHOULDER WIDTH WILL VARY TO MATCH EXISTING.
 10. GRADING FOR THE SHOULDER AND TIE-OUT SLOPES WILL OCCUR ALONG THE ENTIRE PROJECT AREA TO MATCH INTO EXISTING GROUND. THE TIE-OUT SLOPES ARE INTENDED TO BE 3:1 MAX. 2:1 TIE-OUT SLOPES WILL BE ALLOWED WHERE DEFINED ON SHEET C-400.
 11. DITCHES SHALL BE GRADED AS DEPICTED ON SHEET C-400 AND SHALL CONSIST OF MINIMUM 1" BOTTOM AND TIE INTO EXISTING GRADE ON THE BACKSLOPE WITH A MAXIMUM 2:1 SLOPE.



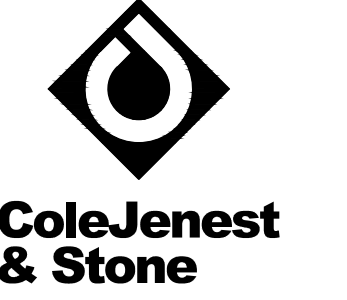


- CONSTRUCTION NOTES:
1. PROPOSED PROFILE IS TO MATCH EXISTING ROAD. ALL CURVE DATA IS BASED ON EXISTING CONDITIONS.
 2. DRIVEWAY ACCESS SHALL REMAIN OPEN THROUGHOUT CONSTRUCTION.
 3. MILL EXISTING ROADWAY AT 1.5" DEPTH.
 4. WIDEN ROAD TO PROVIDE 3 - 11' LANES WITH 2' PAVED SHOULDERS AND 4' UNPAVED SHOULDERS.
 5. FINAL LIFT OF PAVEMENT SHALL BE CONTINUOUS AT THE OVERLAY AND WIDENING AREA.
 6. PRIOR TO FINAL LIFT OF PAVEMENT, REINSTALL MAILBOXES USING EXISTING POSTS AT OUTSIDE EDGE OF SHOULDER. REMOVE TEMPORARY MAILBOXES AS SOON AS MAILBOXES HAVE BEEN REINSTALLED.
 7. CONTRACTOR WILL BE RESPONSIBLE TO MAINTAIN TRAFFIC. A TRAFFIC CONTROL PLAN WILL BE REQUIRED FOR REVIEW PRIOR TO PROJECT START UP. THE TRAFFIC CONTROL PLAN SHALL BE IN CONFORMANCE WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES."
 8. TIE-IN GRADING TO MATCH EXISTING GRADES.
 9. SEE SHEET C-500 FOR STORM SEWER PLAN AND PROFILE.
 10. SEE SHEET C-500 FOR SIGNING AND STRIPING PLAN.
 11. ALL NON-IMPERVIOUS DISTURBED AREA SHALL BE RESTORED WITH 4" TOPSOIL AND NO-MOW HYDROSEED MIX.
 12. ALL SLOPES STEEPER THAN 3:1 SHALL BE STABILIZED WITH EROSION CONTROL FABRIC HAVING A STRAW-EXCELSIOR FIBER MATRIX.



Rogers Road
45 MPH POSTED SPEED LIMIT

CITY OF RALEIGH - PLANS AUTHORIZED FOR CONSTRUCTION
Plans for the proposed use have been reviewed for general compliance with applicable codes. This limited review, and authorization for construction is not to be considered to represent total compliance with all legal requirements for development and construction. The property owner, design consultants, and contractors are each responsible for compliance with all applicable City, State and Federal laws. This specific authorization below is not a permit, nor shall it be construed to permit any violation of City, State or Federal Law. All Construction must be in accordance with all Local, State, and Federal Rules and Regulations. This approval of this electronic document is only valid if the document has not been modified and the digital signature below is valid:
City of Raleigh Development Approval



ColeJenest & Stone
Shaping the Environment
Realizing the Possibilities
Land Planning
Landscape Architecture
Civil Engineering
Urban Design
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Raleigh, North Carolina 27601
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url: www.colejeneststone.com

TOWN OF ROLESVILLE
WAKE COUNTY, NC

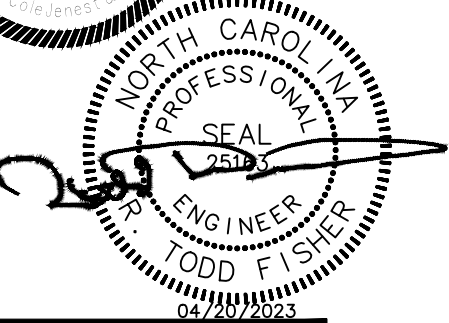
ROGERS ROAD WIDENING

ROADWAY PLAN & PROFILE

CJS Project No.
50501.53
Issued
12/21/2021

ROADWAY DESIGN

Revised
04/20/2021 - PERMITTING PLAN SET
09/06/2023 - ADDENDUM 01



SCALE: 1"=50'
0 25' 50' 100'

C-501

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Bolton & Menk, Inc. 2021