



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

ROY COOPER  
GOVERNOR

J. R. "JOEY" HOPKINS  
SECRETARY

March 8, 2024

**ADDENDUM NUMBER 1**

Division Eleven

**Contract No.:** DK00385  
**WBS:** 48467.3.1  
**County:** Yadkin  
**Location:** Construct Roundabout at SR 1605  
 (Old US 421)/SR 1600 (Falcon Rd) Intersection  
**Type of Work:** Grading, Drainage, Pavement, And Curb & Gutter  
**Bid Opening:** April 18, 2024

To Whom It May Concern:

Reference is made to the proposal furnished to you for this project.

The following revisions have been made to the Pavement Marking Plan and Traffic Management Plan.

Sheet Number	Revision
PMP1	Summary of Quantities-Removed Thermoplastic Pavement Symbol and Added Thermoplastic Yield Line Pavement Marking 24", 120 Mils
PMP2	Pavement Marking Schedule- Thermoplastic Pavement Symbol and Added Thermoplastic Yield Line Pavement Marking 24", 120 Mils
TMP1A	Temporary Pavement Marking-Symbol and Description- Thermoplastic Pavement Symbol and Added Thermoplastic Yield Line Pavement Marking 24", 120 Mils

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

The following revisions have been made to the proposal.

Page Number	Revision
Proposal Cover	Note added that reads: "Includes Addendum Number 1 – Dated 04-08-2024"
R-6 and R-7	Yield Line Pavement Marking Special Provision

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

**Mailing Address:**  
 NC DEPT. OF TRANSPORTATION  
 DIVISION ELEVEN  
 P. O. BOX 250  
 NORTH WILKESBORO, NC 28659

*Telephone:* (336) 903-9101  
*Website:* [www.ncdot.org](http://www.ncdot.org)

**Location:**  
 NC DEPT. OF TRANSPORTATION  
 DIVISION ELEVEN  
 801 STATESVILLE RD  
 NORTH WILKESBORO, NC 28659

On the item sheets the following pay item revisions have been made:

<u>Item</u>	<u>Section</u>	<u>Description</u>	<u>Old Quantity</u>	<u>New Quantity</u>
4845000000-N	1205	PAINT PAVEMENT MARKING SYMBOL	24 EA	0
4725000000-E	1205	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	24 EA	0
4890000000-E	SP	GENERIC PAVEMENT MARKING ITEM PAINT YEILD LINE PAVEMENT MARKING 24", 15 MIL	0	48 LF
4890000000-E	SP	GENERIC PAVEMENT MARKING ITEM THERMOPLASTIC YIELD LINE PAVEMENT MARKING 24", 120 MIL	0	48 LF

The Contractor's bid must include these pay item revisions.

The electronic bidding file has been updated to reflect these revisions. Please download the Addendum File and follow the instructions for applying the addendum. Bid Express will not accept your bid unless the addendum has been applied.

This revision is reflected on the Proposal and Plans currently on the Division 11 Letting Page.

The contract will be prepared accordingly.

If you have questions about bidding on this project or any other question concerning this project, please contact me at (336) 903-9115 or [belmore@ncdot.gov](mailto:belmore@ncdot.gov).

Sincerely,

DocuSigned by:  
  
 Bethany Elmore, PE  
 Division Contract Engineer

CC: Michael Poe, PE, Division Engineer  
 Ivan Dishman, PE, Division Construction Engineer  
 Brandon Whitaker, PE, Division Maintenance Engineer  
 Ramie Shaw, PE, Division Program Development Engineer

STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
HIGHWAY DIVISION 11

**PROPOSAL**

**INCLUDES ADDENDUM NUMBER 1-DATED 04-08-2024**

**DATE AND TIME OF BID OPENING: APRIL 18, 2024 AT 2:00 PM**

**CONTRACT ID: DK00385**

**WBS ELEMENT NO.: 48467.3.1**

**FEDERAL AID NO.: STATE FUNDED**

**COUNTY: YADKIN COUNTY**

**TIP NO.: R-5912**

**MILES: 0.212**

**ROUTE NO.: SR 1605 (OLD US 421)/SR 1600 (FALCON ROAD)**

**LOCATION: CONSTRUCT ROUNDABOUT AT SR 1605  
(OLD US 421)/SR 1600 (FALCON RD) INTERSECTION**

**TYPE OF WORK: GRADING, DRAINAGE, PAVEMENT, AND CURB & GUTTER**

**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.**

**THIS IS A ROADWAY PROJECT.**

**BID BOND IS REQUIRED.**

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**NAME OF BIDDER**

---

**ADDRESS OF BIDDER**



DocuSigned by:  
 Matthew V. Springer, PE  
 BC60F6E8B584403...

**YIELD LINES PAVEMENT MARKING:**

(01-15-24)

**Description**

Install yield lines in accordance with this special provision, Section 1205 of the *Standard Specifications* and as directed by the Engineer.

**Materials**

Refer to Division 10 of the *2024 Standard Specifications*.

**Item**

Pavement Markings

**Section**

1087

**Application**

Refer to Section 1205 of the *Standard Specifications* and refer to Division 12 of the *Roadway Standard Drawings* on application of products used for yield lines. Yield lines shall be a row of solid white isosceles triangles with 3 to 12 inches between each one, 12 to 24 inches in width, with a height 1.5 times the width. Yield lines shall point towards traffic, and they shall be placed at least 4 feet before the nearest controlled crosswalk. For unsignalized midblock crosswalks, yield lines shall be placed with the Yield Here to Pedestrians sign located 20 to 50 feet in advance of the crosswalk. Yield lines are not symbols or characters.

**Measurement and Payment**

*Yield Line Pavement Marking*, \_\_\_" \_\_\_mils will be measured and paid as the actual number of linear feet of pavement marking lines satisfactorily placed and accepted by the Engineer. The quantity of lines will be the summation of the linear feet of solid line measured end-to-end of the line.

DK00385 R-5912

**R-7**

Yadkin County

Payment will be made under:

**Pay Item**

Yield Line Pavement Marking \_\_" \_\_mils

**Pay Unit**

Linear Feet

County: YADKIN

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
ROADWAY ITEMS						
0001	0000100000-N	800	MOBILIZATION	Lump Sum	L.S.	
0002	0000400000-N	801	CONSTRUCTION SURVEYING	Lump Sum	L.S.	
0003	0008000000-E	200	SUPPLEMENTARY CLEARING & GRUBBING	1 ACR		
0004	0063000000-N	SP	GRADING	Lump Sum	L.S.	
0005	0196000000-E	270	GEOTEXTILE FOR SOIL STABILIZATION	1,310 SY		
0006	0335200000-E	305	15" DRAINAGE PIPE	132 LF		
0007	0335300000-E	305	18" DRAINAGE PIPE	32 LF		
0008	0378000000-E	310	24" RC PIPE CULVERTS, CLASS III	20 LF		
0009	0448300000-E	310	18" RC PIPE CULVERTS, CLASS IV	20 LF		
0010	0973100000-E	330	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL 20", 0.250	68 LF		
0011	0973100000-E	330	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL 24", 0.500	76 LF		
0012	0995000000-E	340	PIPE REMOVAL	51 LF		
0013	1099500000-E	505	SHALLOW UNDERCUT	310 CY		
0014	1099700000-E	505	CLASS IV SUBGRADE STABILIZATION	440 TON		
0015	1121000000-E	520	AGGREGATE BASE COURSE	320 TON		
0016	1220000000-E	545	INCIDENTAL STONE BASE	100 TON		
0017	1330000000-E	607	INCIDENTAL MILLING	360 SY		

County: YADKIN

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0018	1491000000-E	610	ASPHALT CONC BASE COURSE, TYPE B25.0C	570 TON		
0019	1503000000-E	610	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	260 TON		
0020	1519000000-E	610	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	670 TON		
0021	1575000000-E	620	ASPHALT BINDER FOR PLANT MIX	80 TON		
0022	2275000000-E	SP	FLOWABLE FILL	16 CY		
0023	2286000000-N	840	MASONRY DRAINAGE STRUCTURES	1 EA		
0024	2396000000-N	840	FRAME WITH COVER, STD 840.54	1 EA		
0025	2535000000-E	846	*** X *** CONCRETE CURB (9" X 12" CONCRETE CURB)	190 LF		
0026	2577000000-E	846	CONCRETE EXPRESSWAY GUTTER	310 LF		
0027	2655000000-E	852	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)	330 SY		
0028	2738000000-E	SP	GENERIC PAVING ITEM (CONCRETE TRUCK APRON-7" JOINTED)	420 SY		
0029	3649000000-E	876	RIP RAP, CLASS B	10 TON		
0030	3656000000-E	876	GEOTEXTILE FOR DRAINAGE	365 SY		
0031	4072000000-E	903	SUPPORTS, 3-LB STEEL U-CHANNEL	375 LF		
0032	4102000000-N	904	SIGN ERECTION, TYPE E	20 EA		
0033	4116100000-N	904	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (SIGN ERECTION, RELOCATE TYPE D (GROUND MOUNTED))	2 EA		
0034	4155000000-N	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	3 EA		

County: YADKIN

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0035	4430000000-N	1130	DRUMS	105 EA		
0036	4455000000-N	1150	FLAGGER	460 DAY		
0037	4516000000-N	1180	SKINNY DRUM	20 EA		
0038	4685000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)	4,530 LF		
0039	4695000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	275 LF		
0041	4810000000-E	1205	PAINT PAVEMENT MARKING LINES (4")	4,480 LF		
0043	4905100000-N	1253	NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER	21 EA		
0044	6000000000-E	1605	TEMPORARY SILT FENCE	1,430 LF		
0045	6006000000-E	1610	STONE FOR EROSION CONTROL, CLASS A	145 TON		
0046	6009000000-E	1610	STONE FOR EROSION CONTROL, CLASS B	55 TON		
0047	6012000000-E	1610	SEDIMENT CONTROL STONE	45 TON		
0048	6015000000-E	1615	TEMPORARY MULCHING	4 ACR		
0049	6018000000-E	1620	SEED FOR TEMPORARY SEEDING	300 LB		
0050	6021000000-E	1620	FERTILIZER FOR TEMPORARY SEEDING	1.5 TON		
0051	6024000000-E	1622	TEMPORARY SLOPE DRAINS	200 LF		
0052	6029000000-E	SP	SAFETY FENCE	180 LF		
0053	6030000000-E	1630	SILT EXCAVATION	120 CY		

County: YADKIN

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0054	6036000000-E	1631	MATTING FOR EROSION CONTROL	9,000 SY		
0055	6042000000-E	1632	1/4" HARDWARE CLOTH	95 LF		
0056	6071002000-E	1642	FLOCCULANT	10 LB		
0057	6071010000-E	1642	WATTLE	260 LF		
0058	6084000000-E	1660	SEEDING & MULCHING	3 ACR		
0059	6087000000-E	1660	MOWING	3 ACR		
0060	6090000000-E	1661	SEED FOR REPAIR SEEDING	50 LB		
0061	6093000000-E	1661	FERTILIZER FOR REPAIR SEEDING	0.25 TON		
0062	6096000000-E	1662	SEED FOR SUPPLEMENTAL SEEDING	75 LB		
0063	6108000000-E	1665	FERTILIZER TOPDRESSING	2.25 TON		
0064	6114500000-N	1667	SPECIALIZED HAND MOWING	10 MHR		
0065	6117000000-N	1675	RESPONSE FOR EROSION CONTROL	25 EA		
0066	6117500000-N	SP	CONCRETE WASHOUT STRUCTURE	3 EA		
0067	4890000000-E	SP	GENERIC PAVEMENT MARKING ITEM PAINT YEILD LINE PAVEMENT MARKING 24", 15 MIL	48 LF		
0068	4890000000-E	SP	GENERIC PAVEMENT MARKING ITEM THERMOPLASTIC YIELD LINE PAVEMENT MARKING 24", 120 MIL	48 LF		

1545/Apr08/Q28870/D239442912000/E66

Total Amount Of Bid For Entire Project :

# ROADWAY STANDARD DRAWINGS

THE FOLLOWING ROADWAY STANDARDS AS APPEAR IN "ROADWAY STANDARD DRAWINGS" - N.C. DEPARTMENT OF TRANSPORTATION - RALEIGH, N.C., DATED JANUARY 2024 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

STD. NO.	TITLE
1101.01	WORK ZONE ADVANCE WARNING SIGNS
1101.02	TEMPORARY LANE CLOSURES
1101.11	TRAFFIC CONTROL DESIGN TABLES
1110.01	STATIONARY WORK ZONE SIGNS
1110.02	PORTABLE WORK ZONE SIGNS
1130.01	DRUMS
1135.01	CONES
1150.01	FLAGGERS
1180.01	SKINNY - DRUMS
1205.01	PAVEMENT MARKINGS - LINE TYPES AND OFFSETS
1205.02	PAVEMENT MARKINGS - TWO LANE AND MULTILANE ROADWAYS
1205.08	PAVEMENT MARKINGS - SYMBOLS AND WORD MESSAGES
1205.14	PAVEMENT MARKINGS - ROUNDABOUTS

# LEGEND

## GENERAL

- DIRECTION OF TRAFFIC FLOW
- DIRECTION OF PEDESTRIAN TRAFFIC FLOW
- EXIST. PVMT.
- NORTH ARROW
- PROPOSED PVMT.
- TEMP. SHORING (LOCATION PURPOSES ONLY)



## SIGNALS

- EXISTING
- PROPOSED
- TEMPORARY

## PAVEMENT MARKINGS

- EXISTING LINES
- TEMPORARY LINES

## TRAFFIC CONTROL DEVICES

- BARRICADE (TYPE III)
- CONE
- DRUM SKINNY DRUM TUBULAR MARKER
- TEMPORARY CRASH CUSHION
- FLASHING ARROW BOARD
- FLAGGER
- LAW ENFORCEMENT
- TRUCK MOUNTED ATTENUATOR (TMA)
- CHANGEABLE MESSAGE SIGN

## TEMPORARY SIGNING

- PORTABLE SIGN
- STATIONARY SIGN
- STATIONARY OR PORTABLE SIGN

## PAVEMENT MARKERS

- CRYSTAL/CRYSTAL
- CRYSTAL/RED
- YELLOW/YELLOW

## PAVEMENT MARKING SYMBOLS

- PAVEMENT MARKING SYMBOLS

## TEMPORARY PAVEMENT MARKING

SYMBOL	DESCRIPTION
PAINT (4")	
P1	WHITE EDGELINE
P11	YELLOW SINGLE CENTER
P13	YELLOW DOUBLE CENTER
PAINT PAVEMENT MARKING	
P103	24" YIELD LINE TRIANGLE

R-5912  
 TMP IA  
 WORK ZONE TRAFFIC CONTROL ENGINEER  
 NORTH CAROLINA PROFESSIONAL ENGINEER  
 TRUNG T. NGUYEN  
 046766  
 4/5/2024

DOCUMENT NOT CONSIDERED FINAL  
 UNLESS ALL SIGNATURES COMPLETED  
 STATE OF NORTH CAROLINA  
 WORK ZONE TRAFFIC CONTROL UNIT  
 PREPARED BY

**CDM Smith**  
 CDM Smith Inc.  
 4500 Park Road  
 Suite 140  
 Charlotte, NC 28209  
 NC CCR No. F-1255

STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

**PAVEMENT MARKING PLAN**  
**YADKIN COUNTY**

**LOCATION: CONSTRUCT ROUNDABOUT AT SR 1605  
(OLD US 421)/SR 1600 (FALCON RD) INTERSECTION**

TIP PROJECT: R-5912

CONTRACT: DK00385

**ROADWAY STANDARD DRAWING**

THE FOLLOWING ROADWAY STANDARDS AS APPEAR IN "ROADWAY STANDARD DRAWINGS" - N.C. DEPARTMENT OF TRANSPORTATION - RALEIGH, N.C., DATED JANUARY 2024 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

STD. NO.	TITLE
1205.01	PAVEMENT MARKINGS - LINE TYPES AND OFFSETS
1205.02	PAVEMENT MARKINGS - TWO-LANE AND MULTILANE ROADWAYS
1205.08	PAVEMENT MARKINGS - SYMBOLS AND WORD MESSAGES
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1205.14	PAVEMENT MARKINGS - ROUNDABOUTS
1250.01	RAISED PAVEMENT MARKERS - INSTALLATION SPACING

**GENERAL NOTES**

THE FOLLOWING GENERAL NOTES APPLY AT ALL TIMES FOR THE DURATION OF THE CONSTRUCTION PROJECT, EXCEPT WHEN OTHERWISE NOTED IN THE PLAN, OR DIRECTED BY THE ENGINEER.

- A) INSTALL PAVEMENT MARKINGS AND PAVEMENT MARKERS ON THE FINAL SURFACE AS FOLLOWS:
 

ROAD NAME	MARKING	MARKER
ALL	THERMOPLASTIC	SNOWPLOWABLE
- B) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.
- C) REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKINGS AND MARKERS.
- D) PASSING ZONES WILL BE DETERMINED IN THE FIELD AND MUST BE APPROVED BY THE ENGINEER.
- E) UNLESS OTHERWISE SPECIFIED, HEATED-IN-PLACE THERMOPLASTIC MAY BE USED IN LIEU OF COLD APPLIED PLASTIC FOR STOP BARS, SYMBOLS, CHARACTERS AND DIAGONALS ON ASPHALT OR CONCRETE ROADWAYS. IF HEATED-IN-PLACE IS USED, IT SHALL BE PAID FOR USING THE COLD APPLIED PAY ITEM.

**SUMMARY OF QUANTITIES**

ITEM NO.		ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.			
4685000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)	4,530	L.F.
4695000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	275	L.F.
4890000000-E	SP	THERMOPLASTIC YIELD LINE PAVEMENT MARKING 24" 120 MILS	48	L.F.
4905100000-N	1253	NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER	21	EA.

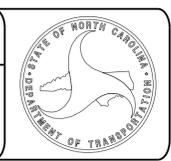
**PLAN PREPARED BY: CDM SMITH, INC.**

KITA. PERSIANI, P. E. PROJECT MANAGER  
 TRUNG T. NGUYEN, P. E. PROJECT DESIGN ENGINEER



**PLAN REVIEWED BY: N.C.D.O.T. DIVISION II**

CHRIS BROWN DIVISION TRAFFIC ENGINEER  
 IVAN H. DISHMAN, P.E. DIVISION CONSTRUCTION ENGINEER



**INDEX**

SHEET NO.	DESCRIPTION
PMP-1	PAVEMENT MARKING PLAN TITLE SHEET
PMP-2	PAVEMENT MARKING SCHEDULE/PAVEMENT MARKING DETAIL

R-5912  
 PMP 1  
 ROADWAY DESIGN ENGINEER  
 NORTH CAROLINA PROFESSIONAL ENGINEERS  
 TRUNG T. NGUYEN  
 046766  
 ENGINEER  
 4/5/2024

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 STATE OF NORTH CAROLINA  
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 CDM Smith Inc.  
 4600 Park Road  
 Suite 240  
 Charlotte, NC 28209  
 NC COA No. F-1255

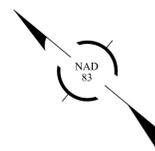
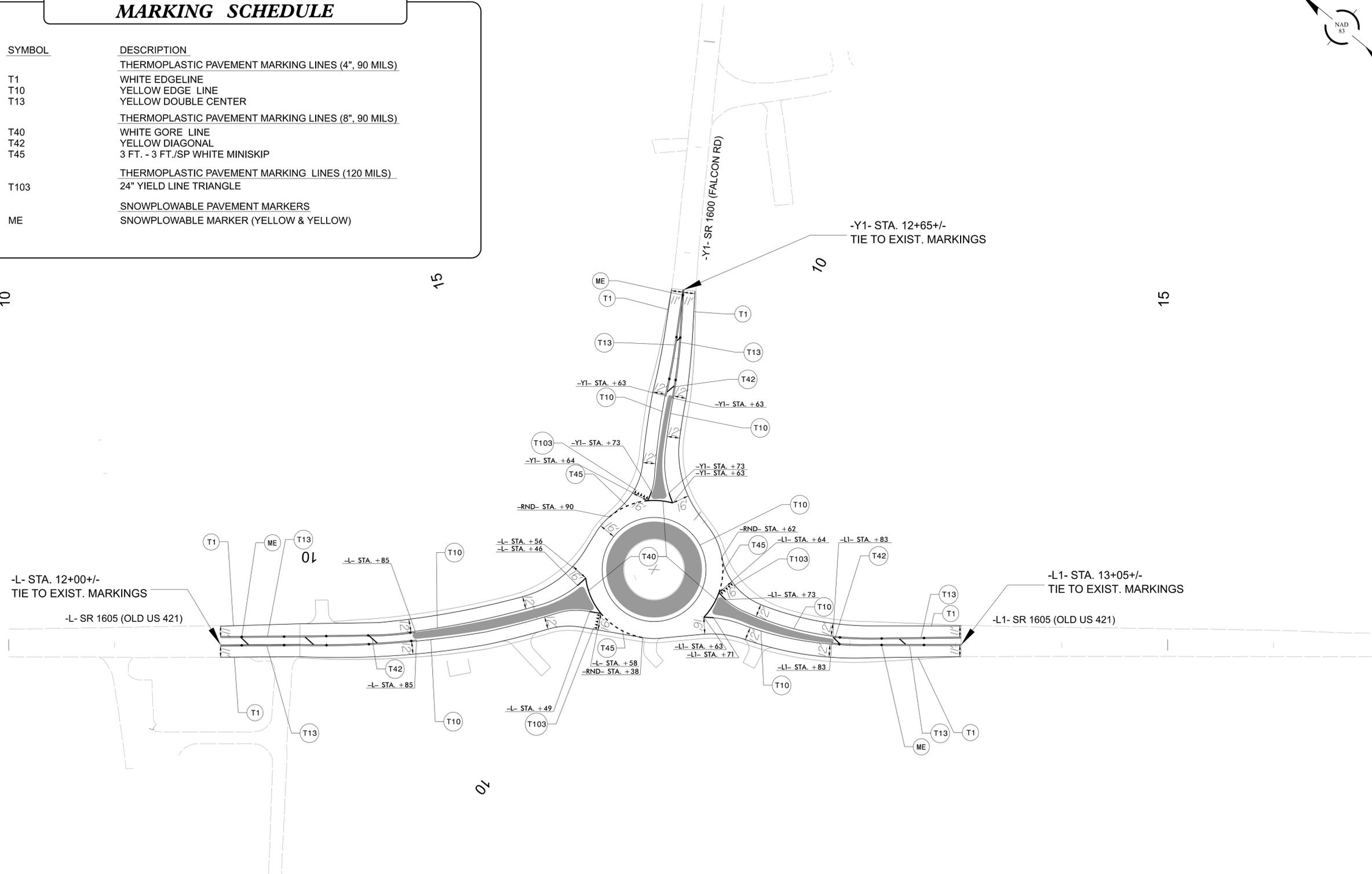
# PAVEMENT MARKING SCHEDULE

SYMBOL	DESCRIPTION
THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)	
T1	WHITE EDGELINE
T10	YELLOW EDGE LINE
T13	YELLOW DOUBLE CENTER
THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	
T40	WHITE GORE LINE
T42	YELLOW DIAGONAL
T45	3 FT. - 3 FT./SP WHITE MINISKIP
THERMOPLASTIC PAVEMENT MARKING LINES (120 MILS)	
T103	24" YIELD LINE TRIANGLE
SNOWPLOWABLE PAVEMENT MARKERS	
ME	SNOWPLOWABLE MARKER (YELLOW & YELLOW)

10

15

15



R-5912  
PMP 2  
ROADWAY DESIGN ENGINEER  
NORTH CAROLINA PROFESSIONAL ENGINEER  
FRANK T. NGUYEN  
046766  
ENGINEER  
FRANK T. NGUYEN  
4/5/2024

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STATE OF NORTH CAROLINA  
ROADWAY DESIGN UNIT

PREPARED BY  
**CDM Smith**  
CDM Smith Inc.  
4002 Pine Road  
Suite 500  
Charlotte, NC 28209  
NC COA No. F-1225