

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

SIGNING PLAN
MECKLENBURG COUNTY

TIP NO. HL-0025	SHEET NO. SIGN-1
APPROVED: _____	
DATE: _____	
SEAL	
<p>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</p>	

ROADWAY STANDARD DRAWING

THE FOLLOWING ROADWAY STANDARDS AS APPEAR IN "ROADWAY STANDARD DRAWINGS" - PROJECT SERVICES UNIT - 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
903.10	GROUND MOUNTED SIGN SUPPORTS
904.10	ORIENTATION OF GROUND MOUNTED SIGNS
904.50	SIGNING - MOUNTING OF TYPE 'D', 'E', AND 'F' SIGNS ON 'U' CHANNEL POSTS
1264.01	OBJECT MARKERS - TYPES
1264.01	OBJECT MARKERS - INSTALLATION
1264.02	OBJECT MARKERS - INSTALLATION

INDEX

SHEET NO.	DESCRIPTION
SIGN-1	SIGNING PLAN TITLE AND SCHEDULE SHEET
SIGN-2	SPECIAL SIGN DESIGN
SIGN-3	TYPE "E" SIGNS
SIGN-4	EXISTING AND PROPOSED SIGNS

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) SIGNS FURNISHED BY CONTRACTOR
- B) CONFIRM IN WRITING AT LEAST 4 MONTHS IN ADVANCE, THE ACTUAL DATE THE CONTRACTOR FURNISHED SIGNS WILL BE REQUIRED.
- C) IF REMOVAL OR RELOCATION OF SIGNS ON PRIVATE STREET (NON-STATE MAINTAINED) IS REQUIRED DUE TO CONSTRUCTION, THE CONTRACTOR SHALL INFORM THE ENGINEER. THE WORK WILL BE COMPLETED BY OTHERS.
- D) SIGNING PLANS DO NOT INCLUDE TEMPORARY CONSTRUCTION SIGNING OR PAVEMENT MARKINGS. SEE TRAFFIC CONTROL PLANS.
- E) WHEN NOT STATIONED OR DIMENSIONED ON PLANS, ALL 'E' SIGNS SHALL BE FIELD LOCATED BY THE ENGINEER
- F) ALL EXISTING SIGNS ON "U" CHANNEL POST WITHIN THE PROJECT LIMITS SHALL BE HANDLED WITH CARE AND RELOCATED TO AVOID CONFLICT WITH PROPOSED IMPROVEMENTS.
- G) WHEN EXISTING SIGNS ARE REMOVED AND INSTALLED ON NEW SUPPORTS, THE RE-ERECTION SHALL IMMEDIATELY FOLLOW THE REMOVAL.
- H) THE BACKGROUND FOR TYPE 'E' SIGNS SHALL BE TYPE C REFLECTIVE SHEETING.
- I) CONTRACTOR TO RELOCATE EXISTING SIGNS WITH CARE. DAMAGED SIGNS TO BE REPLACED.
- J) SEE ROADWAY PLANS FOR GUARDRAIL DETAILS.

SIGNING SUMMARY OF QUANTITIES

ITEM NO.		ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.			
4025000000	901	CONTRACTOR FURNISH, TYPE D SIGN	25.2	S.F.
4025000000	901	CONTRACTOR FURNISH, TYPE E SIGN	123.3	S.F.
4072000000	903	SUPPORTS, 3 LB STEEL U-CHANNEL	369	L.F.
4096000000	904	SIGN ERECTION, TYPE D	2	EA.
4102000000	904	SIGN ERECTION, TYPE E	23	EA.
4116100000	904	SIGN ERECTION, RELOCATE SIGN TYPE E	4	EA.
4151000000	907	STOCKPILE SIGN SYSTEM, STEEL BEAM	2	EA.
4155000000	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	14	EA.

PLAN SUBMITTED TO:

KELVIN JORDAN SIGNING & DELINEATION REGIONAL ENGINEER
ASHLEY MATTHEWS SIGNING & DELINEATION PROJECT DESIGN ENGINEER



PLAN PREPARED BY: AMT

STEVE KARNIS, PE PROJECT MANAGER
DAN MORGAN, EI PROJECT DESIGN ENGINEER



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APPROVED: _____

DATE: _____



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



SIGN NUMBER: 301 **BACKG COLOR:** Green **DESIGN BY:** DM **CHECKED BY:** _____ **Oct 24, 2022**
TYPE: D **COPY COLOR:** White **PROJECT ID:** HL-0025 **LOCATION:** _____ **DIV:** 10

QUANTITY: 3

SYMBOL	X	Y	WID	HT

SIGN WIDTH: 7'-0" **HEIGHT:** 1'-0" **TOTAL AREA:** 7.0 Sq.Ft.

BORDER TYPE: FLUSH **RECESS:** 0" **WIDTH:** 0.5" **RADII:** 0"

NO. Z BARS: _____ **MAT'L:** 0.125" (3.2 mm) ALUMINUM **LENGTH:** _____

USE NOTES:

- Legend and border(except those that are colored black) shall be direct applied Grade C sheeting.
- Background shall be Grade A, B, or C reflective sheeting.
- Shields: A, B, and C type arrows shall be on 0.032" (0.8mm) aluminum with Grade C reflective sheeting and demountable.
- Bottom panel shall be yellow Grade C sheeting. Legend shall be direct applied black non-reflective sheeting. Arrow shall be on 0.032" aluminum, black non-reflective sheeting an demountable. Yellow panel is:

Panel Style: guide_con_street name_c1_2012.ssi
M.U.T.C.D.: 2009 Edition

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter locations are panel edge to lower left corner

R	d	Series/Size	Text Length
60	63.2	D 2000	5.6
G r e y l o c k R i d g e			
2	7.3 10 13.9 19.2 21.1 25.5 29.8 39.6 44.6 46.5 51.1 55.6	D 2000	57.2

FILENAME: Greylock_TMP_SIGN_SignDsn NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 302 **BACKG COLOR:** Green **DESIGN BY:** DM **CHECKED BY:** _____ **Oct 24, 2022**
TYPE: D **COPY COLOR:** White **PROJECT ID:** HL-0025 **LOCATION:** _____ **DIV:** 10

QUANTITY: 1

SYMBOL	X	Y	WID	HT

SIGN WIDTH: 5'-6" **HEIGHT:** 1'-0" **TOTAL AREA:** 5.5 Sq.Ft.

BORDER TYPE: FLUSH **RECESS:** 0" **WIDTH:** 0.5" **RADII:** 1.5"

NO. Z BARS: _____ **MAT'L:** 0.125" (3.2 mm) ALUMINUM **LENGTH:** _____

USE NOTES:

- Legend and border(except those that are colored black) shall be direct applied Grade C sheeting.
- Background shall be Grade A, B, or C reflective sheeting.
- Shields: A, B, and C type arrows shall be on 0.032" (0.8mm) aluminum with Grade C reflective sheeting and demountable.
- Bottom panel shall be yellow Grade C sheeting. Legend shall be direct applied black non-reflective sheeting. Arrow shall be on 0.032" aluminum, black non-reflective sheeting an demountable. Yellow panel is:

Panel Style: guide_con_street name_c1_2012.ssi
M.U.T.C.D.: 2009 Edition

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter locations are panel edge to lower left corner

R	d	Series/Size	Text Length
40	43	D 2000	4.6
E C h a r l e s			
2	11.7 17 21.4 25.9 28.9 30.9 34.9	D 2000	35.7

FILENAME: Greylock_TMP_SIGN_SignDsn NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 303 **BACKG COLOR:** Green **DESIGN BY:** DM **CHECKED BY:** _____ **Oct 24, 2022**
TYPE: D **COPY COLOR:** White **PROJECT ID:** HL-0025 **LOCATION:** _____ **DIV:** 10

QUANTITY: 1

SYMBOL	X	Y	WID	HT

SIGN WIDTH: 5'-8" **HEIGHT:** 1'-0" **TOTAL AREA:** 5.7 Sq.Ft.

BORDER TYPE: FLUSH **RECESS:** 0" **WIDTH:** 0.5" **RADII:** 0"

NO. Z BARS: _____ **MAT'L:** 0.125" (3.2 mm) ALUMINUM **LENGTH:** _____

USE NOTES:

- Legend and border(except those that are colored black) shall be direct applied Grade C sheeting.
- Background shall be Grade A, B, or C reflective sheeting.
- Shields: A, B, and C type arrows shall be on 0.032" (0.8mm) aluminum with Grade C reflective sheeting and demountable.
- Bottom panel shall be yellow Grade C sheeting. Legend shall be direct applied black non-reflective sheeting. Arrow shall be on 0.032" aluminum, black non-reflective sheeting an demountable. Yellow panel is:

Panel Style: guide_con_street name_c1_2012.ssi
M.U.T.C.D.: 2009 Edition

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter locations are panel edge to lower left corner

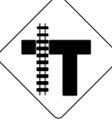
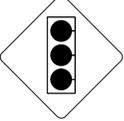
R	d	Series/Size	Text Length
45	48.2	D 2000	5.6
T a n k T o w n			
2	6.2 10.8 15.4 25.3 29.5 33.7 41.2	D 2000	45.7

FILENAME: Greylock_TMP_SIGN_SignDsn NORTH CAROLINA D.O.T. SIGN DETAIL

NOTE: THE .ESP FILE FOR THE TOWN OF MATTHEWS LOGO CAN BE PROVIDED. IF MORE INFORMATION IS REQUIRED CONTACT LIEF FITZPATRICK LFITZPATRICK@MATTHEWSNC.GOV (704)-708-1246

SPECIAL SIGN DESIGN

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<p>401 QUANTITY REQ'D <u>4</u></p>  <p>24" X 30" R2-1</p> <p>ONE "U" POST PER SIGN</p>	<p>402 QUANTITY REQ'D <u>3</u></p>  <p>30" X 30" R1-1</p> <p>ONE "U" POSTS PER SIGN</p>	<p>403 QUANTITY REQ'D <u>2</u></p>  <p>24" X 12" W16-7P</p> <p>YELLOW/GREEN REFLECTIVE SHEETING ONE "U" POSTS PER SIGN TO BE MOUNTED BELOW SIGN 405</p>	<p>404 QUANTITY REQ'D <u>2</u></p>  <p>36" DIA. W10-1</p> <p>ONE "U" POST PER SIGN</p>	<p>405 QUANTITY REQ'D <u>2</u></p>  <p>30" X 30" W11-2</p> <p>YELLOW/GREEN REFLECTIVE SHEETING ONE "U" POST PER SIGN</p>
<p>406 QUANTITY REQ'D <u>6</u></p>  <p>18" X 18" OM4-3</p> <p>ONE "U" POST PER SIGN</p>	<p>407 QUANTITY REQ'D <u>1</u></p>  <p>36" X 36" W8-26</p> <p>ONE "U" POST PER SIGN</p>	<p>408 QUANTITY REQ'D <u>2</u></p>  <p>36" X 36" W10-4L</p> <p>ONE "U" POSTS PER SIGN</p>	<p>409 QUANTITY REQ'D <u>2</u></p>  <p>30" X 30" W3-3</p> <p>ONE "U" POSTS PER SIGN</p>	<p>410 QUANTITY REQ'D <u>2</u></p>  <p>24" X 24" R3-4</p> <p>ONE "U" POSTS PER SIGN</p>

TIP NO. HL-0025	SHEET NO. SIGN-3
APPROVED: _____	
DATE: _____	
SEAL	
 <p>Signed by: <i>Steven Mathew Karnis</i> 2/4/2026 17048484800548F</p>	
<p>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</p>	
 <p>A. MORTON THOMAS AND ASSOCIATES, INC. 10735 DAVID TAYLOR DRIVE, SUITE 300 • CHARLOTTE, NC 28262 (704) 595-9975 • NC LICENSE NO. F-1045 WWW.AMTENGINEERING.COM</p>	

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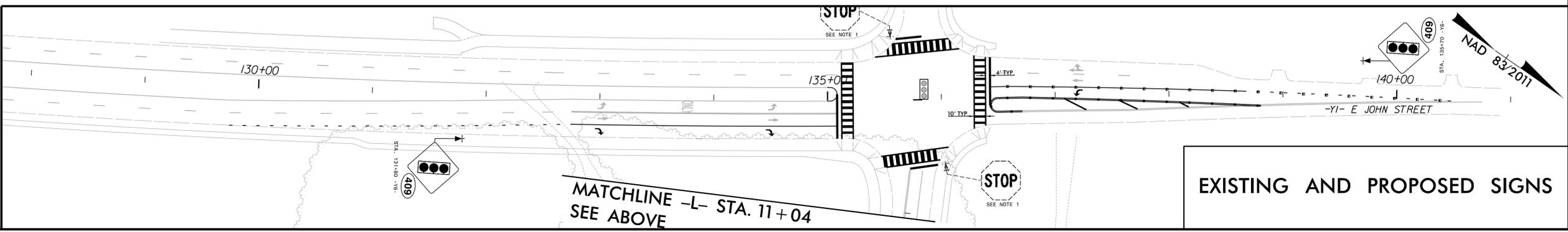
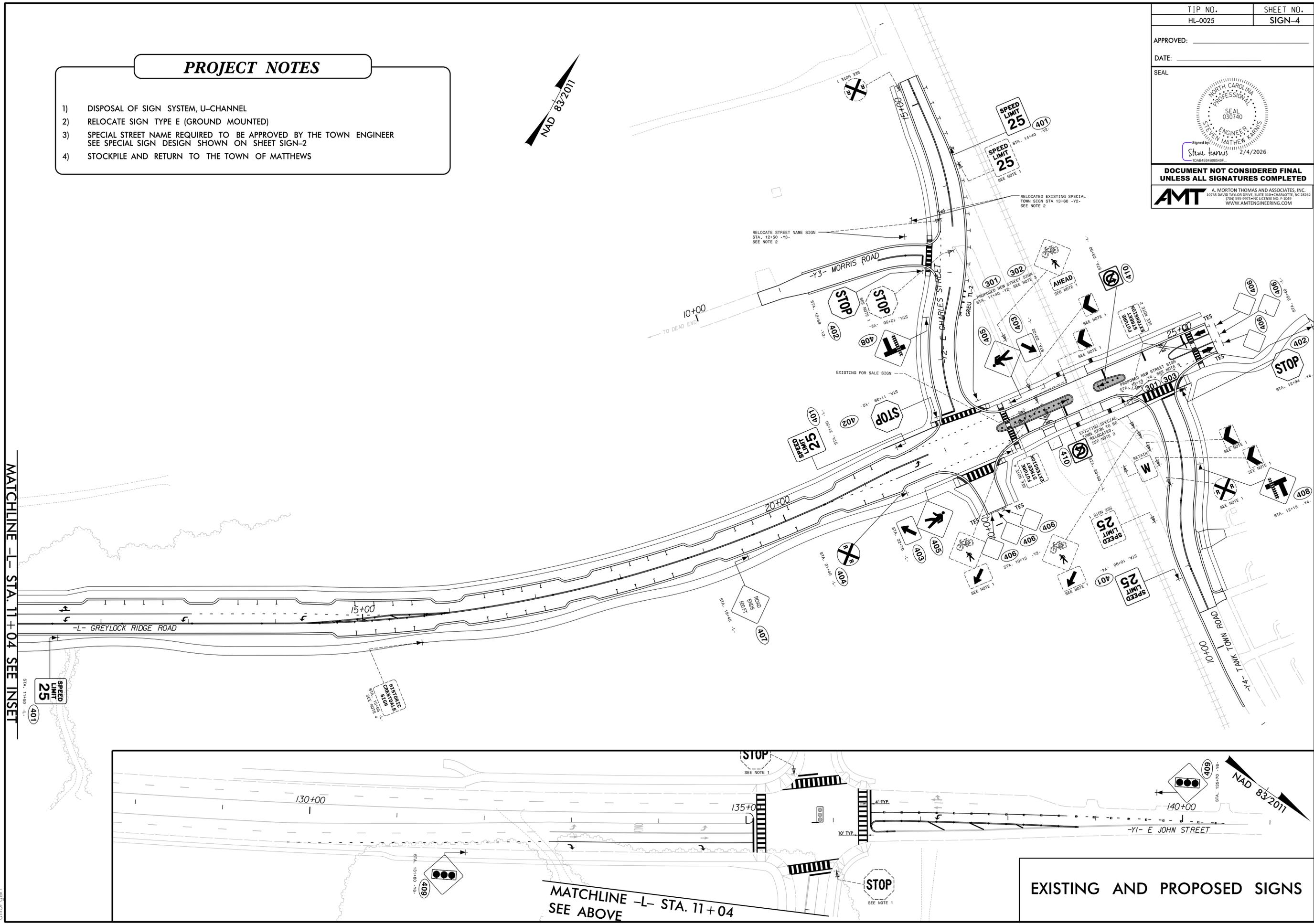
TYPE "E" SIGNS

TIP NO. HL-0025	SHEET NO. SIGN-4
APPROVED: _____	
DATE: _____	
SEAL	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	
<small>A. MORTON THOMAS AND ASSOCIATES, INC. 10735 DAVID TAYLOR DRIVE, SUITE 200 • CHARLOTTE, NC 28262 (704) 595-9975 • NC LICENSE NO. F-1045 WWW.AMTENGINEERING.COM</small>	

- PROJECT NOTES**
- 1) DISPOSAL OF SIGN SYSTEM, U-CHANNEL
 - 2) RELOCATE SIGN TYPE E (GROUND MOUNTED)
 - 3) SPECIAL STREET NAME REQUIRED TO BE APPROVED BY THE TOWN ENGINEER
SEE SPECIAL SIGN DESIGN SHOWN ON SHEET SIGN-2
 - 4) STOCKPILE AND RETURN TO THE TOWN OF MATTHEWS



MATCHLINE -L- STA. 11 + 04 SEE INSET



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EXISTING AND PROPOSED SIGNS