

T.I.P.: HL--0008Q

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGNING PLAN
WAKE COUNTY

LOCATION: SR 1390 (OPTIMIST FARM ROAD) AND SR 1386 (BELLS LAKE ROAD)

PROJECT REFERENCE NO.	SHEET NO.
HL - 0008Q	PMP - 1
APPROVED: <div><div><div><div></div><div>Zachary M. Esposito</div><div>06412D076D484E8</div></div></div></div>	
DATE: 12/4/2025	
SEAL	
<div><div><div><div></div><div>NORTH CAROLINA</div><div>PROFESSIONAL</div><div>SEAL</div><div>054155</div><div>ENGINEER</div><div>ZACHARY M. ESPOSITO</div></div></div></div>	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

PROJECT NOTES

- REMOVE EXISTING STOP SIGNS AT INTERSECTION.
- REMOVE "STOP AHEAD" PAVEMENT MARKINGS AND SIGNAGE PRIOR TO INTERSECTION OF OPTIMIST FARM ROAD AND BELLS LAKE ROAD ON ALL APPROACHES.
- RETAIN EXISTIN SIGN.
- DISPOSE EXISTING SIGN ASSEMBLY, U-CHANNEL.

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
904.10	ORIENTATION OF GROUND MOUNTED SIGNS
904.50	MOUNTING OF TYPE 'D', 'E', AND 'F' SIGNS ON 'U' CHANNEL POSTS
1205.01	PAVEMENT MARKINGS - LINE TYPES AND OFFSETS
1205.02	PAVEMENT MARKINGS - TWO-LANE AND MULTI-LANE ROADWAYS
1205.04	PAVEMENT MARKINGS - INTERSECTIONS
1205.05	PAVEMENT MARKINGS - TURN LANES
1205.08	PAVEMENT MARKINGS - SYMBOLS AND WORD MESSAGES
1250.01	RAISED PAVEMENT MARKERS - INSTALLATION SPACING
1251.01	RAISED PAVEMENT MARKERS - PERMANENT AND TEMPORARY

SIGNING GENERAL NOTES

- SIGNS FURNISHED BY CONTRACTOR
- 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.
- WHEN NOT STATIONED OR DIMENSIONED ON PLANS, ALL 'E' AND 'F' SIGNS SHALL BE FIELD LOCATED BY THE ENGINEER
- ALL EXISTING SIGNS ON "U" CHANNEL POST WITHIN THE PROJECT LIMITS SHALL BE REMOVED AND DISPOSED OF UNLESS OTHERWISE NOTED ON PLANS.
- THE BACKGROUND FOR TYPE E & F SIGNS SHALL BE TYPE C REFLECTIVE SHEETING.

SUMMARY OF QUANTITIES

ITEM NO.		ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.			
4025000000	901	CONTRACTOR FURNISHED, TYPE E SIGN	150	S.F.
4072000000	904	SUPPORTS, 3 LB STEEL U-CHANNEL	280	L.F.
4102000000	904	SIGN ERECTION, TYPE E	26	EA.
4155000000	904	DISPOSAL SIGN SYSTEM, U-CHANNEL	22	EA.
4685000000	1205	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)	14200	L.F.
4695000000	1205	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	250	L.F.
4700000000	1205	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)	350	L.F.
4710000000	1205	THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)	100	L.F.
4725000000	1205	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	7	EA.
4875000000	1205	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS	36	EA.
4890000000	SP	YIELD LINE THERMOPLASTIC PAVEMENT MARKING (24", 90 MILS)	40	LF.
4895000000	SP	POLYCARBONATE H-SHAPED MARKERS	70	EA.

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 ROADS	THERMOPLASTIC	POLYCARBONATE H-SHAPED MARKERS

- B) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.
- C) REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKINGS AND MARKERS.
- D) STOP BAR LOCATION AT NON-SIGNALIZED INTERSECTIONS MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER.

PAVEMENT MARKING SCHEDULE

SYMBOL	DESCRIPTION
THERMOPLASTIC (4", 90 MILS)	
T1	WHITE EDGELINE
T2	WHITE SOLID LANE LINE
T4	3 FT. - 9 FT./SP WHITE MINISKIP
T5	2 FT. - 6 FT./SP WHITE MINISKIP
T13	YELLOW DOUBLE CENTER
THERMOPLASTIC (8", 90 MILS)	
T40	WHITE GORELINE
THERMOPLASTIC (12", 90 MILS)	
T51	WHITE DIAGONAL
T52	YELLOW DIAGONAL
THERMOPLASTIC (24", 90 MILS)	
T61	WHITE STOPBAR
THERMOPLASTIC PAVEMENT MARKING SYMBOLS (90 MILS)	
T70	LEFT TURN ARROW
T103	24" YIELD LINE TRIANGLE

INDEX

SHEET NO.	DESCRIPTION
PMP-1	PAVEMENT MARKING AND SIGNING PLAN COVER SHEET
PMP-2	TYPE E SIGNS
PMP-3-6	PAVEMENT MARKING AND SIGNING DETAILS

PLANS PREPARED BY: DRMP, INC.

ZACHARY M. ESPOSITO, PE, TCDS PROJECT MANAGER
MIKAYLA M. LINDSEY, EI PROJECT ENGINEER

