

**T.I.P.: B-5302**

**CONTRACT:**

**STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN  
BEAUFORT COUNTY**

**LOCATION: REPLACE BRIDGE NO.3 OVER NORFOLK  
SOUTHERN RAILROAD ON US 17 BUS.**

TIP NO. B-5302	SHEET NO. PMP-1
APPROVED: _____	
DATE: _____	
<small>3/19/2019   11:48</small>	
<b>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</b>	

**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 2018 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
1205.04	PAVEMENT MARKINGS - INTERSECTIONS
1205.05	PAVEMENT MARKINGS - TURN LANES
1205.08	PAVEMENT MARKINGS - SYMBOLS AND WORD MESSAGES
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1250.01	RAISED PAVEMENT MARKERS - INSTALLATION SPACING
1251.01	RAISED PAVEMENT MARKERS - PERMANENT AND TEMPORARY
1253.01	RAISED PAVEMENT MARKERS - SNOWPLOWABLE
1261.01	GUARDRAIL AND BARRIER DELINEATORS - INSTALLATION SPACING
1261.02	GUARDRAIL AND BARRIER DELINEATORS - TYPES AND MOUNTING
1262.01	GUARDRAIL END DELINEATION

**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 ON THE FINAL SURFACE AS FOLLOWS:
- | ROAD NAME                              | MARKING       | MARKER              |
|--|---------------|---------------------|
| -L- US 17 BUS                          | THERMOPLASTIC | SNOWPLOWABLE RAISED |
| -L- US 17 BUS BRIDGE AND APPROACH SLAB | POLYUREA      | PERMANENT RAISED    |
- 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) STOPBAR LOCATION AT NON-SIGNALIZED INTERSECTIONS MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER.

**FINAL PAVEMENT MARKING  
SCHEDULE & QUANTITIES**

SYMBOL	DESCRIPTION	QUANTITY
PAVEMENT MARKINGS		
THERMOPLASTIC (4", 90 MILS)		
TA	WHITE EDGELINE	3560 LF
TC	10 FT. WHITE SKIP	890 LF
TD	3 FT. - 9 FT./SP WHITE MINISKIP	70 LF
TE	WHITE SOLID LANE LINE	255 LF
TI	YELLOW DOUBLE CENTER	4390 LF
THERMOPLASTIC (12", 90 MILS)		
TV	YELLOW DIAGONAL	190 LF
THERMOPLASTIC (24", 90 MILS)		
T2	WHITE STOPBAR	45 LF
POLYUREA (4")		
VA	WHITE EDGELINE	590 LF
VC	10 FT. WHITE SKIP	150 LF
VI	YELLOW DOUBLE CENTER	590 LF
THERMOPLASTIC PAVEMENT MARKING SYMBOLS (90 MILS)		
UA	LEFT TURN ARROW	3 EA
UC	STRAIGHT ARROW	3 EA
UE	COMBO STRAIGHT/RIGHT ARROW	3 EA
PAVEMENT MARKERS		
PERMANENT RAISED PAVEMENT MARKERS		
MA	YELLOW & YELLOW	5 EA
MB	CRYSTAL & RED	10 EA
SNOWPLOWABLE RAISED PAVEMENT MARKERS		
ME	YELLOW & YELLOW	40 EA
MF	CRYSTAL & RED	70 EA

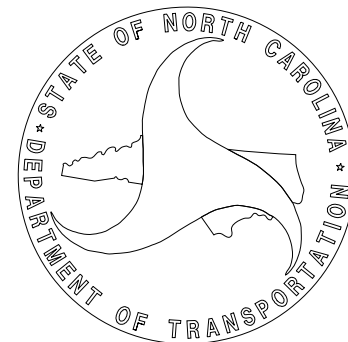
**INDEX**

SHEET NO.	DESCRIPTION
PMP-1	PAVEMENT MARKING PLAN TITLE, INDEX OF SHEETS, LIST OF APPLICABLE ROADWAY STANDARD DRAWINGS, GENERAL NOTES AND FINAL PAVEMENT MARKING SCHEDULE & QUANTITIES
PMP-2-3	PAVEMENT MARKING DETAIL

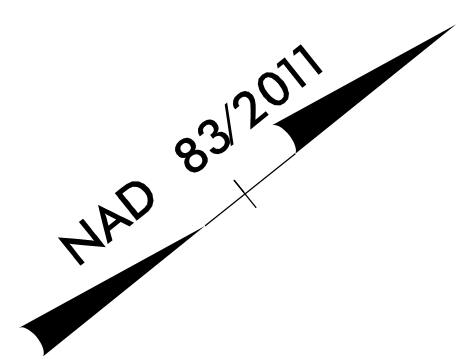
PLAN PREPARED FOR N.C.D.O.T. BY:

**TGS ENGINEERS**  
706 HILLSBOROUGH ST.  
SUITE 200  
RALEIGH, NC 27603  
PH (919) 773-8887  
CORP. LICENSE NO. : C-0275

*TOMMY REGISTER, PE* PROJECT ENGINEER  
*PAUL SCHULKEN, EI* DESIGN TECHNICIAN

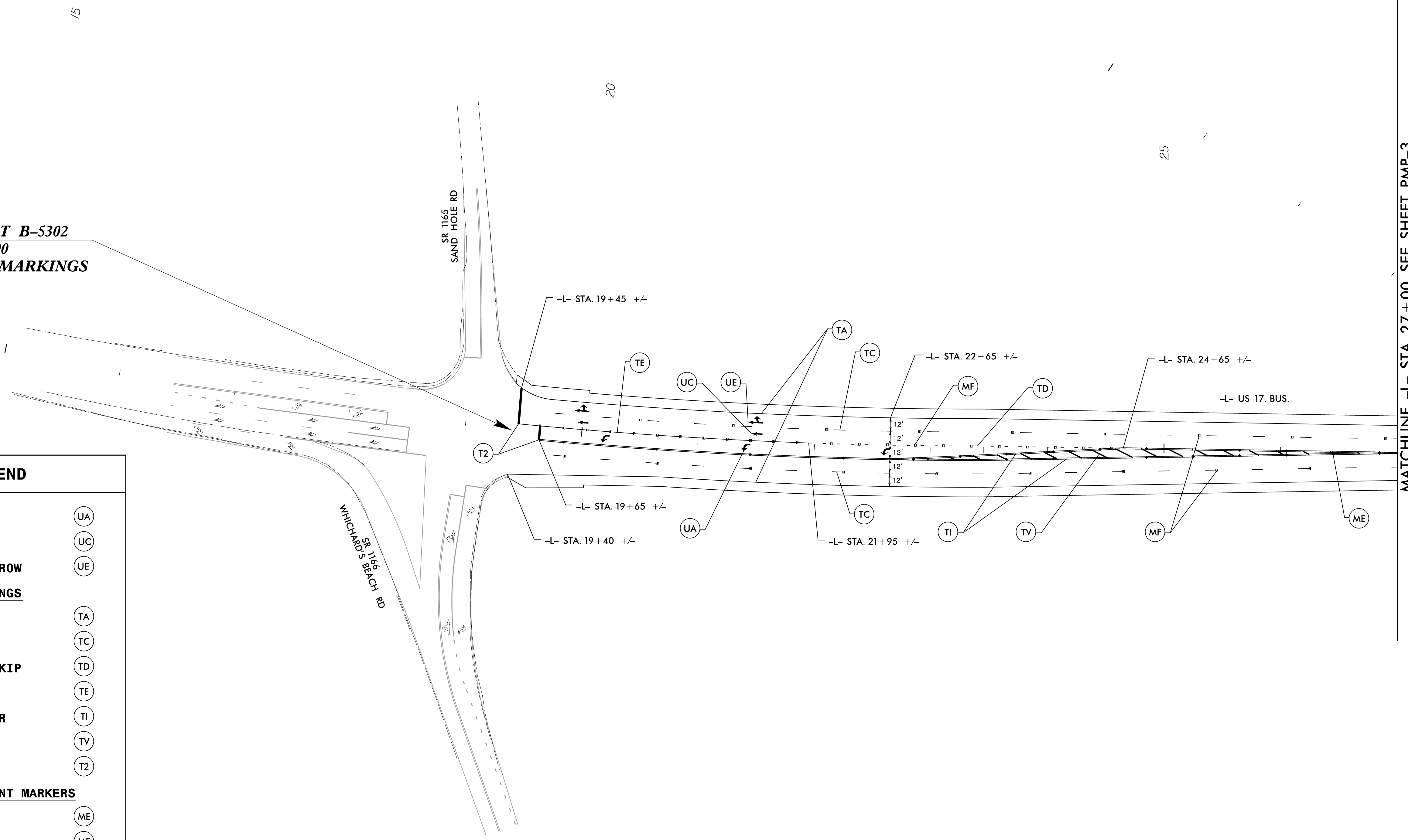


TIP NO. B-5302	SHEET NO. PMP-2
APPROVED: _____	
DATE: _____	
SEAL	
<p><b>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</b></p>	
<p><b>TGS ENGINEERS</b> 706 HILLSBOROUGH ST. SUITE 200 RALEIGH, NC 27603 PH (919) 773-8887 CORP. LICENSE NO.: C-0275</p>	



**BEGIN TIP PROJECT B-5302**  
**-L- POC Sta. 19+40.00**  
**TIE TO EXISTING MARKINGS**

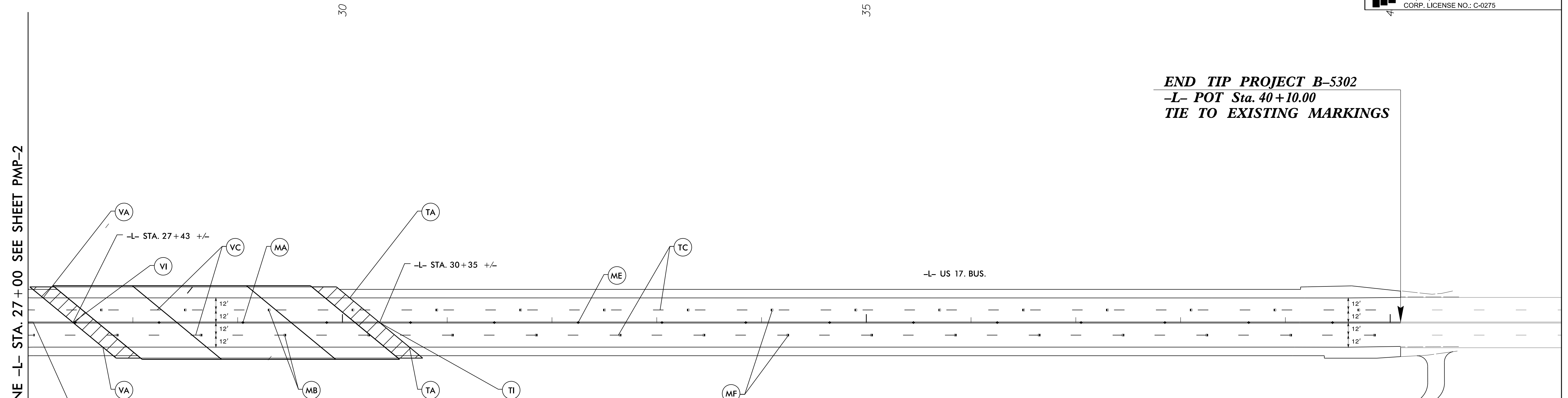
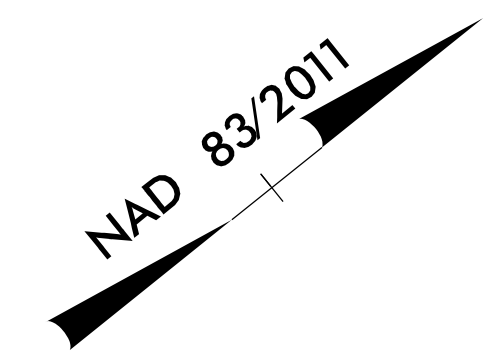
SYMBOL LEGEND	
↶ LEFT TURN ARROW	(UA)
↑ STRAIGHT ARROW	(UC)
↷ STRAIGHT & RIGHT ARROW	(UE)
<b>THERMOPLASTIC MARKINGS</b>	
WHITE EDGELINE	(TA)
10 FT. WHITE SKIP	(TC)
3' - 9' WHITE MINI SKIP	(TD)
WHITE LANE LINE	(TE)
YELLOW DOUBLE CENTER	(TI)
YELLOW DIAGONAL	(TV)
WHITE STOPBAR	(T2)
<b>SNOWPLOWABLE PAVEMENT MARKERS</b>	
YELLOW & YELLOW	(ME)
CRYSTAL & RED	(MF)



**PAVEMENT MARKING DETAIL**

2/4/2019  
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 User:apschulken

TIP NO. B-5302	SHEET NO. PMP-3
APPROVED: _____	
DATE: _____	
SEAL	
<b>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</b>	
<small>TGS ENGINEERS 706 HILLSBOROUGH ST. SUITE 200 RALEIGH, NC 27603 PH (919) 773-8887 CORP. LICENSE NO.: C-0275</small>	



**END TIP PROJECT B-5302**  
**-L- POT Sta. 40 + 10.00**  
**TIE TO EXISTING MARKINGS**

SYMBOL LEGEND	
<b>THERMOPLASTIC MARKINGS</b>	
WHITE EDGELINE	(TA)
10 FT. WHITE SKIP	(TC)
YELLOW DOUBLE CENTER	(TI)
<b>POLYUREA MARKINGS</b>	
WHITE EDGELINE	(VA)
10 FT. WHITE SKIP	(VC)
YELLOW DOUBLE CENTER	(VI)
<b>PERMANENT PAVEMENT MARKERS</b>	
YELLOW & YELLOW	(MA)
CRYSTAL & RED	(MB)
<b>SNOWPLOWABLE PAVEMENT MARKERS</b>	
YELLOW & YELLOW	(ME)
CRYSTAL & RED	(MF)

**PAVEMENT MARKING DETAIL**

2/4/2019  
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