

# PLAN FOR PROPOSED PAVEMENT MARKINGS

## GENERAL NOTES

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

- A) INSTALL PAVEMENT MARKINGS ON THE FINAL SURFACE USING THERMOPLASTIC MATERIALS IN COMPLIANCE WITH THE STANDARDS AND SPECIFICATIONS OF THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION (JANUARY 2012).
- B) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES AS INDICATED ON THE PLANS.
- C) REMOVE/REPLACE EXISTING MARKINGS THAT CONFLICT WITH THE MARKINGS INDICATED IN THESE PLANS.
- D) GREEN PAVEMENT MARKINGS SHALL BE "PANTONE" COLOR PALETTE #375, SHALL BE SKID RESISTANT, AND SHALL NOT BE RETROREFLECTIVE; OTHERWISE, THE GREEN PAVEMENT BIKE LANE MARKINGS SHALL BE INSTALLED PER THE SPECIFICATIONS OF THE MANUFACTURER, THE CITY OF RALEIGH, NCDOT, AND THE FEDERAL HIGHWAY ADMINISTRATION MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

## ROADWAY STANDARD DRAWINGS

THE FOLLOWING ROADWAY STANDARDS AS APPEAR IN "ROADWAY STANDARD DRAWINGS" - PROJECT SERVICES UNIT - N.C. DEPARTMENT OF TRANSPORTATION - RALEIGH, N.C., DATED JULY 2012 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 - 2 LANE & MULTILANE ROADWAYS |
| 1205.05 | PAVEMENT MARKINGS - TURN LANES                  |
| 1205.06 | PAVEMENT MARKINGS - THRU LANE DROPS             |
| 1205.07 | PAVEMENT MARKINGS - PEDESTRIAN CROSSWALKS       |
| 1205.08 | PAVEMENT MARKINGS - SYMBOLS AND WORD MESSAGES   |
| 1205.09 | PAVEMENT MARKINGS - PAINTED ISLANDS             |

THE FOLLOWING STANDARD DRAWINGS AS PREPARED BY THE CITY OF RALEIGH, NC, PUBLIC WORKS DEPARTMENT, DATED SEPTEMBER 1, 2013, ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

| STD.NO. | TITLE  |
|---------|--|
| B-10.01 | BIKE LANE MARKINGS - TWO-WAY STREET            |
| B-10.02 | BIKE LANE MARKINGS - EXCLUSIVE RIGHT-TURN LANE |
| B-10.03 | BIKE LANE MARKING - SHARED LANE                |
| B-10.04 | BIKE LANE MARKINGS - STANDARD DETAILS          |

## SUMMARY OF TRAFFIC SIGNAL QUANTITIES

| NCDOT BID ITEM NO. | DESCRIPTION           | QUANTITY |
|--------------------|-----------------------|----------|
| 7444000000-E       | INDUCTIVE LOOP SAWCUT | 3,700 FT |
| 7456000000-E       | LEAD-IN CABLE         | 5,650 FT |
| 7780000000-N       | DETECTOR CARD (2070L) | 5 EA     |
| 7060000000-E       | SIGNAL CABLE          | 270 FT   |

## PAVEMENT MARKING SCHEDULE

**THERMOPLASTIC (4" 90 MILS)**  
TA WHITE EDGELINE 161,406 LF

**THERMOPLASTIC (4" 120 MILS)**  
T8 2 FT. - 6 FT./SP WHITE MINISKIP 4,280 LF  
T9 2 FT. - 6 FT./SP YELLOW MINISKIP 28 LF  
TC 10 FT. WHITE SKIP 3,017 LF  
TD 3 FT. - 9 FT./SP WHITE MINISKIP 126 LF  
TE WHITE SOLID LANE LINE 3,087 LF  
TF 10 FT. YELLOW SKIP 2,275 LF  
TH YELLOW SINGLE CENTER 9,098 LF  
TI YELLOW DOUBLE CENTER 53,062 LF  
TOTAL (4", 120 MILS) 74,973 LF

**THERMOPLASTIC (8" 90 MILS)**  
TO WHITE DIAGONAL 4,307 LF  
TP YELLOW DIAGONAL 273 LF  
TOTAL (8", 90 MILS) 4,580 LF

**THERMOPLASTIC (24" 120 MILS)**  
T2 WHITE STOPBAR 846 LF  
-- GREEN MARKING LINE 1,756 LF  
TOTAL (24", 120 MILS) 2,602 LF

**THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)**  
UI ALPHANUMERIC CHAR. 22 EA

**THERMOPLASTIC PAVEMENT MARKING SYMBOLS (90 MILS)**  
UA LEFT TURN ARROW 77 EA  
UB RIGHT TURN ARROW 21 EA  
UC STRAIGHT ARROW 30 EA  
UD COMBO STRAIGHT/LEFT 18 EA  
UE COMBO STRAIGHT/RIGHT 31 EA  
UJ BICYCLE SYMBOL 280 EA  
UK BICYCLE STRAIGHT ARROW 280 EA  
UR SHARROW 705 EA  
TOTAL PAVEMENT MARKING SYMBOLS (90 MILS) 1,442 EA

**(4") PAVEMENT MARKING REMOVAL**  
(4") PAVEMENT MARKING REMOVAL 293 LF  
(4") PAVEMENT MARKING REMOVAL 7,483 LF  
(4") PAVEMENT MARKING REMOVAL 1,714 LF  
(4") PAVEMENT MARKING REMOVAL 62,000 LF  
TOTAL (4") PAVEMENT MARKING REMOVAL 71,715 LF

**REMOVAL OF PAVEMENT MARKING (8")**  
REMOVAL OF PAVEMENT MARKING (8") 145 LF

**REMOVAL OF PAVEMENT MARKING (24")**  
REMOVAL OF PAVEMENT MARKING (24") 659 LF

**REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS**  
REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS 20 EA  
REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS 153 EA  
TOTAL REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS 173 EA

## INDEX OF SHEETS

| SHEET NO.                      | DESCRIPTION  |
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| ATH-1 - ATH-10                 | PAVEMENT MARKING DETAILS - ATHENS DR   |
| BOYL-1 - BOYL-11               | PAVEMENT MARKING DETAILS - BOYLAN AVE  |
| DAN ALLEN-1 - DAN ALLEN-2      | PAVEMENT MARKING DETAILS - DAN ALLEN DR  |
| DIXIE-1 - DIXIE-22             | PAVEMENT MARKING DETAILS - DIXIE TRAIL   |
| EAST-1 - EAST-11               | PAVEMENT MARKING DETAILS - EAST AT   |
| ECAB-1 - ECAB-4                | PAVEMENT MARKING DETAILS - E CABARRUS ST   |
| FPINES-1 - FPINES 11           | PAVEMENT MARKING DETAILS - FOREST PINES DR   |
| FRATCT-1 - FRATCT-3            | PAVEMENT MARKING DETAILS - FRATERNITY CT   |
| GEDEN-1 - GEDEN-17             | PAVEMENT MARKING DETAILS - GLEN EDEN DR  |
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| LIGON-1 - LIGON-7              | PAVEMENT MARKING DETAILS - LIGON ST  |
| MAR-1 - MAR-5                  | PAVEMENT MARKING DETAILS - MARTIN ST   |
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| NORTH HILLS-1 - NORTH HILLS-14 | PAVEMENT MARKING DETAILS - NORTH HILLS DR  |
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| SIG-1 - SIG-52                 | TRAFFIC SIGNAL PLANS   |



|             |                |
|-------------|----------------|
| DATE:       | SEPTEMBER 2014 |
| CADD TECH:  | BRP            |
| CHECKED BY: | JL             |
| REVISIONS   |                |
| NO.         | DATE           |
|             |                |
| SCALES      |                |
| HSCALE      |                |
| VSCALE      |                |
| PROJECT     | VHB 38139.00   |
| SHEET NO.   | PMP-1          |
| DRAWING NO. |                |



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