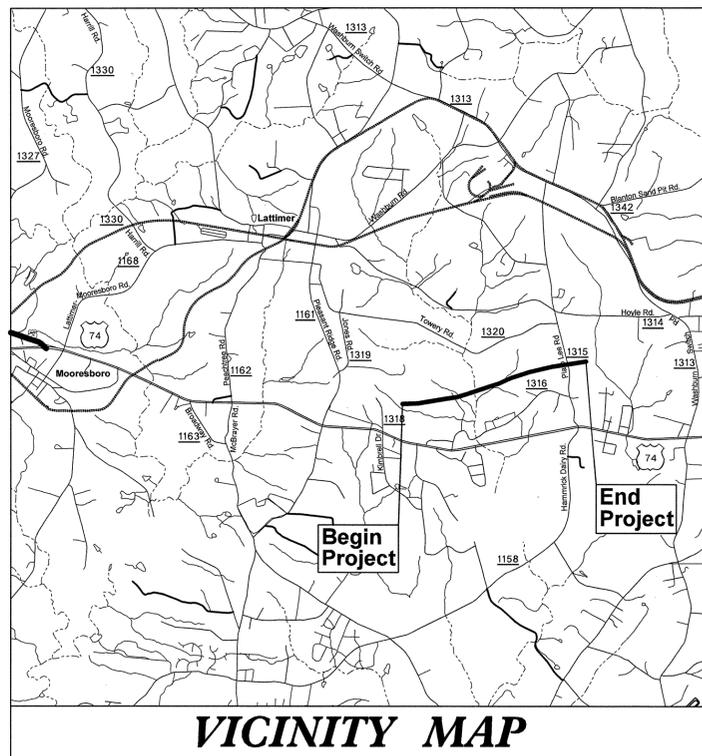


STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

TRANSPORTATION MANAGEMENT PLAN

CLEVELAND COUNTY



LOCATION: US 74 (SHELBY BYPASS) FROM EAST OF SR 1318 (KIMBRELL ROAD) TO EAST OF SR 1315 (PLATO LEE ROAD)

TYPE OF WORK: GRADING, DRAINAGE, PAVING, & STRUCTURE

VICINITY MAP



INDEX OF SHEETS

SHEET NO.	TITLE
TMP-1	TITLE SHEET, VICINITY MAP, AND INDEX OF SHEETS
TMP-1A	LIST OF APPLICABLE ROADWAY STANDARD DRAWINGS, LEGEND, AND TEMPORARY PAVEMENT MARKING SCHEDULE
TMP-1B	TRANSPORTATION OPERATIONS PLAN: (MANAGEMENT STRATEGIES, GENERAL NOTES, AND PHASING)
TMP-2	OFF-SITE DETOUR
TMP-3	ROAD CLOSURE
SP-1	SIGN DESIGN

SHEET NO.
TMP-1

R-2707AB

TIP PROJECT:

\$\$\$\$\$SYTIME\$\$\$\$\$
\$\$\$\$\$DGN\$\$\$\$\$
\$\$\$\$\$USERNAME\$\$\$\$\$



N.C.D.O.T. WORK ZONE TRAFFIC CONTROL
1561 MAIL SERVICE CENTER (MSC) RALEIGH, NC 27699-1561
750 N. GREENFIELD PARKWAY, GARNER, NC 27529 (DELIVERY)
PHONE: (919) 773-2800 FAX: (919) 771-2745

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G. L. GETTIER, P.E. TRAFFIC CONTROL PROJECT ENGINEER
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TRAFFIC CONTROL DESIGN ENGINEER



Prepared in the Office of:
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APPROVED: *Steve Miller*
DATE: 8-10-12

SEAL
NORTH CAROLINA PROFESSIONAL ENGINEER
SEVEN D MILLER
037026

ROADWAY STANDARD DRAWINGS

THE FOLLOWING ROADWAY STANDARDS AS SHOWN IN "ROADWAY STANDARD DRAWINGS" - PROJECT SERVICES UNIT - N.C. DEPARTMENT OF TRANSPORTATION - RALEIGH, N.C., DATED JANUARY 2012 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
1101.03	TEMPORARY ROAD CLOSURES
1101.05	WORK ZONE VEHICLE ACCESSES
1101.11	TRAFFIC CONTROL DESIGN TABLES
1110.01	STATIONARY WORK ZONE SIGNS
1145.01	BARRICADES - TYPE III

LEGEND

GENERAL

-  DIRECTION OF TRAFFIC FLOW
-  DIRECTION OF PEDESTRIAN TRAFFIC FLOW
-  EXIST. PVMT.
-  NORTH ARROW
-  PROPOSED PVMT.

 WORK AREA

 REMOVAL

 USER DEFINED (IF NEEDED)

 USER DEFINED (IF NEEDED)

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

SIGNALS

-  EXISTING
-  PROPOSED
-  TEMPORARY

PAVEMENT MARKINGS

-  EXISTING LINES
-  TEMPORARY LINES

PAVEMENT MARKERS

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

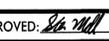
PAVEMENT MARKING SYMBOLS

-  PAVEMENT MARKING SYMBOLS

TEMPORARY PAVEMENT MARKING SCHEDULE

SYMBOL	DESCRIPTION
TEMPORARY PAVEMENT MARKINGS PAINT (4")	
PA	WHITE EDGELINE
PI	YELLOW DOUBLE CENTER

SYSTEMTIME\$\$\$\$
 \$\$\$USERNAME\$\$\$\$

APPROVED:  DATE: 8-10-12			<h3>ROADWAY STANDARD DRAWINGS & LEGEND</h3>
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MANAGEMENT STRATEGIES

- CLOSE SR 1315 (PLATO LEE RD) AND DETOUR TRAFFIC OFF-SITE
- LOCAL ACCESS TO ALL RESIDENCES AND BUSINESSES WILL BE MAINTAINED BETWEEN CLOSURE POINTS AT ALL TIMES DURING CONSTRUCTION
- PROVIDE ONE MONTH NOTICE TO THE ENGINEER, CLEVELAND COUNTY EMERGENCY SERVICES, AND CLEVELAND COUNTY SCHOOL OFFICIALS PRIOR TO ROAD CLOSURE

GENERAL NOTES

CHANGES MAY BE REQUIRED WHEN PHYSICAL DIMENSIONS IN THE DETAIL DRAWINGS, STANDARD DETAILS, AND ROADWAY DETAILS ARE NOT ATTAINABLE TO MEET FIELD CONDITIONS OR RESULT IN DUPLICATE OR UNDESIRED OVERLAPPING OF DEVICES. MODIFICATION MAY INCLUDE: MOVING, SUPPLEMENTING, COVERING, OR REMOVAL OF DEVICES AS DIRECTED BY THE ENGINEER.

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.

TRAFFIC PATTERN ALTERATIONS

- A) NOTIFY THE ENGINEER TWENTY ONE (21) CALENDAR DAYS PRIOR TO ANY TRAFFIC PATTERN ALTERATION.

SIGNING

- B) INSTALL ADVANCE WORK ZONE WARNING SIGNS WHEN WORK IS WITHIN 40 FT FROM THE EDGE OF TRAVEL LANE AND NO MORE THAN THREE (3) DAYS PRIOR TO THE BEGINNING OF CONSTRUCTION.

- C) PROVIDE SIGNING AND DEVICES REQUIRED TO CLOSE THE ROAD ACCORDING TO THE ROADWAY STANDARD DRAWINGS AND TRAFFIC CONTROL PLANS.

PROVIDE SIGNING REQUIRED FOR THE OFF-SITE DETOUR ROUTE AS SHOWN IN THE TRAFFIC CONTROL PLANS.

- D) COVER OR REMOVE ALL SIGNS AND DEVICES REQUIRED TO CLOSE THE ROAD WHEN ROAD CLOSURE IS NOT IN OPERATION.

COVER OR REMOVE ALL SIGNS REQUIRED FOR THE OFF-SITE DETOUR WHEN THE DETOUR IS NOT IN OPERATION.

- E) ENSURE ALL NECESSARY SIGNING IS IN PLACE PRIOR TO ALTERING ANY TRAFFIC PATTERN.

TRAFFIC CONTROL DEVICES

- F) PLACE TYPE III BARRICADES, WITH "ROAD CLOSED" SIGN R11-2 ATTACHED, OF SUFFICIENT LENGTH TO CLOSE ENTIRE ROADWAY.

PAVEMENT MARKINGS AND MARKERS

- G) INSTALL TEMPORARY PAVEMENT MARKINGS AND TEMPORARY PAVEMENT MARKERS ON INTERIM LAYERS OF PAVEMENT AS FOLLOWS:

ROAD NAME	MARKING	MARKER
PLATO LEE ROAD	PAINT	NONE

- H) PLACE ONE APPLICATION OF PAINT FOR TEMPORARY TRAFFIC PATTERNS. PLACE A SECOND APPLICATION OF PAINT SIX (6) MONTHS AFTER THE INITIAL APPLICATION AND EVERY SIX MONTHS AS DIRECTED BY THE ENGINEER.

- I) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.

PHASING

STEP 1: BEGIN -L- CONSTRUCTION AWAY FROM TRAFFIC AS SHOWN ON TMP-2 UP TO BUT NOT INCLUDING PAVEMENT STRUCTURE.

NOTE: COMPLETE THE WORK IN STEPS 2 THROUGH 4 BY **JULY 15, 2015** (SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES)

STEP 2: USING RSD 1101.03 SHEET 1 OF 9, CLOSE -Y5-, PLATO LEE ROAD (SR 1315) AS SHOWN ON TMP-3 AND DETOUR TRAFFIC OFF-SITE AS SHOWN ON TMP-2. MAINTAIN ACCESS TO ALL RESIDENCES AND BUSINESSES BETWEEN CLOSURE POINTS.

STEP 3: CONSTRUCT THE PROPOSED -Y5- STRUCTURE AND ROADWAY UP TO BUT NOT INCLUDING THE FINAL SURFACE LAYER. PLACE TEMPORARY PAVEMENT MARKINGS IN THE LOCATIONS OF THE PERMANENT MARKINGS SHOWN ON THE PAVEMENT MARKING PLANS.

STEP 4: OPEN PLATO LEE ROAD (SR 1315) TO TRAFFIC.

STEP 5: COMPLETE -L- CONSTRUCTION UP TO BUT NOT INCLUDING PAVEMENT STRUCTURE.

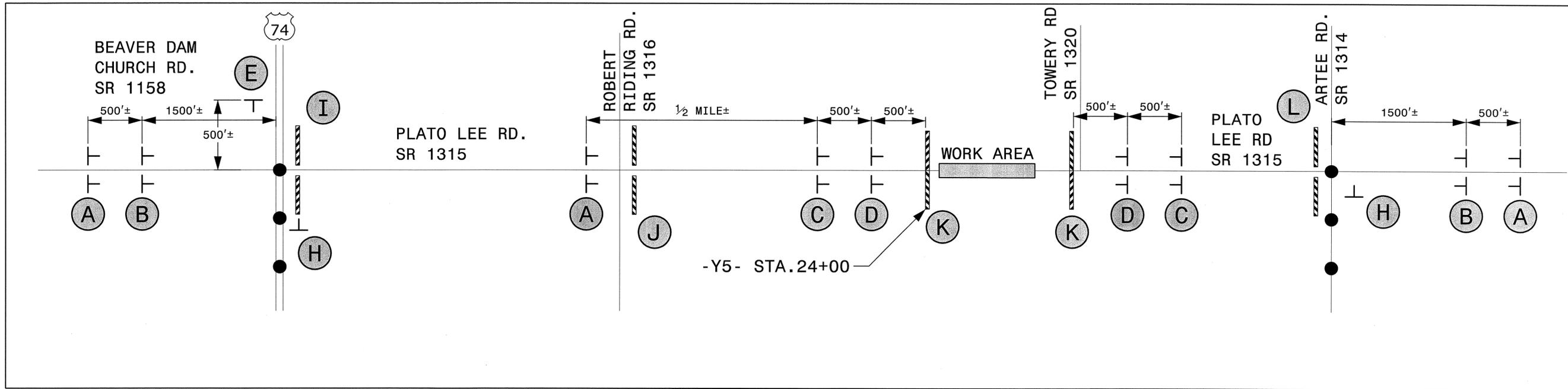
STEP 6: USING RSD 1101.02 SHEET 1 OF 15 AND FLAGGERS AS NECESSARY, PLACE THE FINAL SURFACE COURSE ON -Y5-. PLACE FINAL PAVEMENT MARKINGS AND MARKERS ON -Y5- ACCORDING TO THE PAVEMENT MARKING PLANS.

STEP 7: REMOVE ALL TRAFFIC CONTROL DEVICES.

\$\$\$SYTIME\$\$\$\$\$
 \$\$\$CDN\$\$\$\$\$
 \$\$\$USERNAME\$\$\$\$\$

APPROVED: <i>[Signature]</i> DATE: 12-9-13			<h1 style="margin: 0;">TRANSPORTATION OPERATIONS PLAN</h1>
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INSET A



(6 EACH)



(4 EACH)



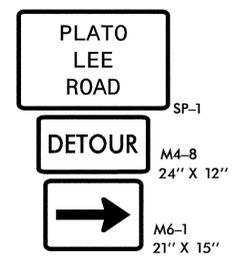
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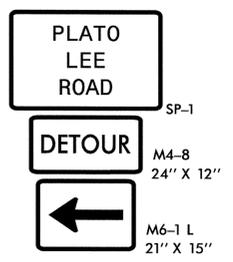
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(1 EACH)



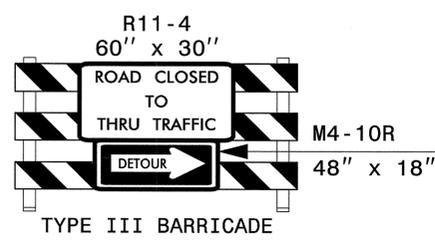
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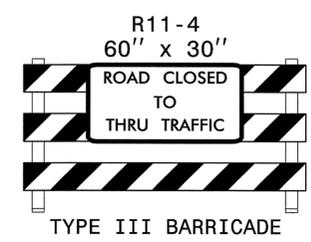
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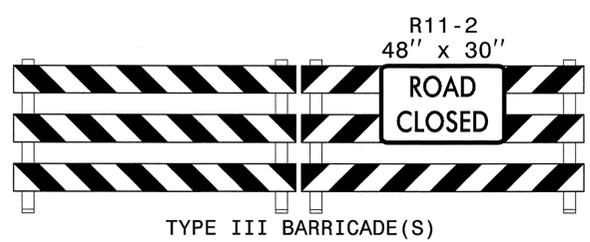
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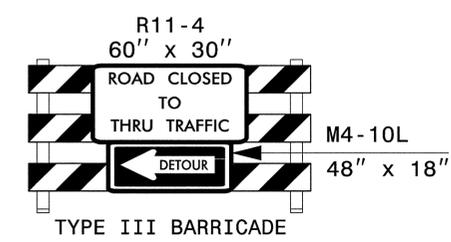
(2 EACH)



(2 EACH)



(2 SETS)



(2 EACH)

SYSTEM: DCDON USER: JMM

APPROVED: *[Signature]* DATE: 9-10-12

SEAL



ROAD CLOSURE