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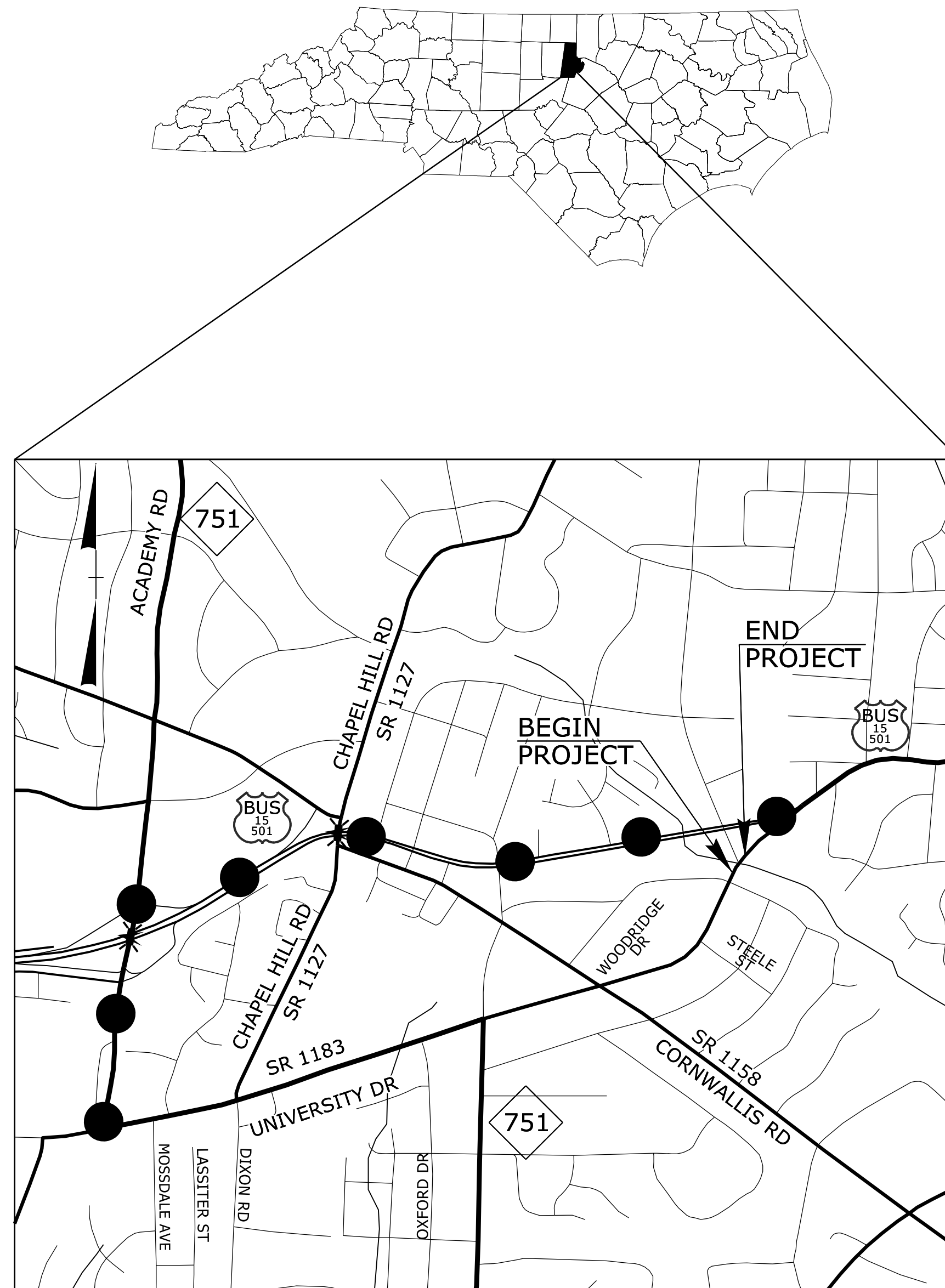
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STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

TRANSPORTATION MANAGEMENT PLAN

DURHAM COUNTY



—●—●—●— OFF-SITE DETOUR

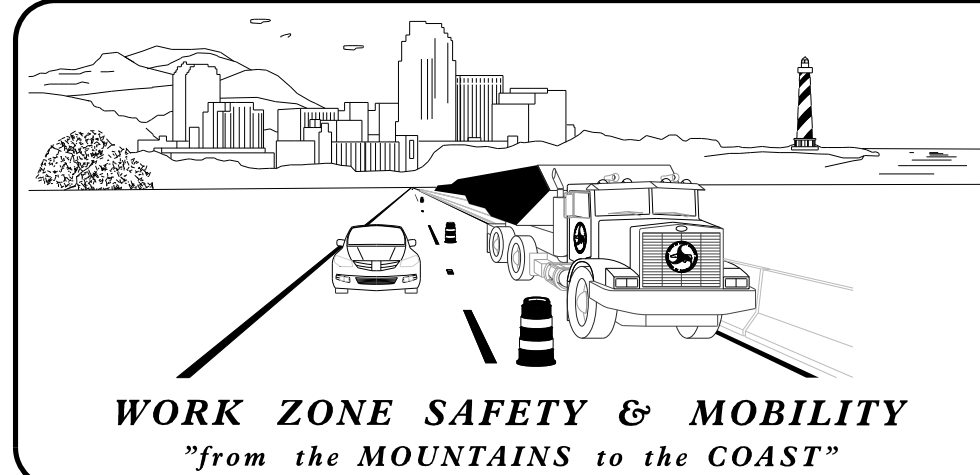
SHEET NO.	TITLE
TMP-1	TITLE SHEET, VICINITY MAP, AND INDEX OF SHEETS
TMP-1A	LIST OF APPLICABLE ROADWAY STANDARD DRAWINGS, AND LEGEND
TMP-1B	TRANSPORTATION OPERATIONS PLAN: (MANAGEMENT STRATEGIES, GENERAL NOTES, LOCAL NOTES, AND PHASING)
TMP-2	SPECIAL SIGN DESIGN
TMP-3 THRU TMP-5	OFF-SITE DETOUR

SHEET NO.
TMP-1

17BP.5.C.02

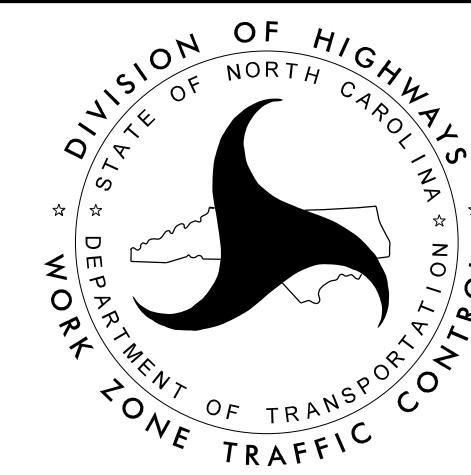
TIP PROJECT:

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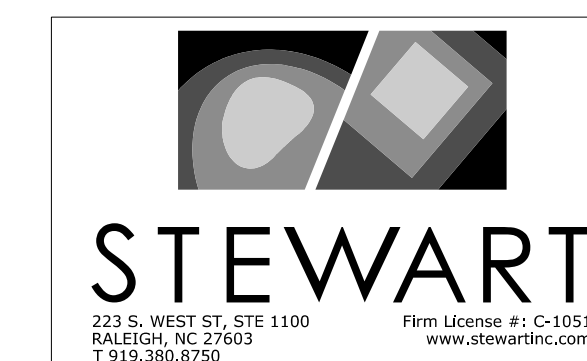


N.C.D.O.T. WORK ZONE TRAFFIC CONTROL
1561 MAIL SERVICE CENTER (MSC) RALEIGH, NC 27699-1561
750 N. GREENFIELD PARKWAY, GARNER, NC 27529 (DELIVERY)
PHONE: (919) 773-2800 FAX: (919) 771-2745

ANDY YOUNG, PE TRAFFIC CONTROL PROJECT ENGINEER
MICHAEL BURNS, PE TRAFFIC CONTROL DESIGN ENGINEER



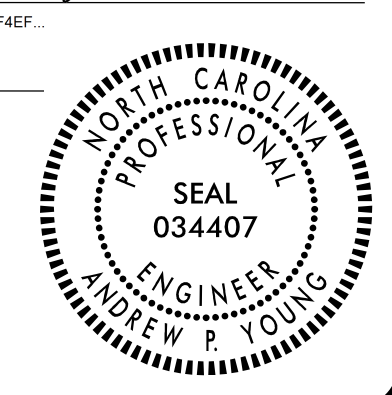
PLANS PREPARED BY:



APPROVED: Andrew P. Young
EF210630062F4EF...

DATE: 12/14/2018

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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 2018 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

STD. NO.	TITLE
1101.03	TEMPORARY ROAD CLOSURES
1101.11	TRAFFIC CONTROL DESIGN TABLES
1110.01	STATIONARY WORK ZONE SIGNS
1130.01	DRUM
1145.01	BARRICADES

LEGEND

GENERAL

- DIRECTION OF TRAFFIC FLOW
- DIRECTION OF PEDESTRIAN TRAFFIC FLOW
- EXIST. PVMT.
- NORTH ARROW
- PROPOSED PVMT.
- TEMP. SHORING (LOCATION PURPOSES ONLY)

WORK AREA

REMOVAL

SIGNALS

- EXISTING
- PROPOSED
- TEMPORARY

PAVEMENT MARKINGS

- EXISTING LINES
- TEMPORARY LINES

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

PAVEMENT MARKERS

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

PAVEMENT MARKING SYMBOLS

- PAVEMENT MARKING SYMBOLS

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DATE: 12/14/2018

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**ROADWAY STANDARD
DRAWINGS & LEGEND**

MANAGEMENT STRATEGIES

DURING CONSTRUCTION OF PROPOSED CULVERT, SR 1183 (UNIVERSITY DR) WILL BE CLOSED TO THROUGH TRAFFIC. THROUGH TRAFFIC ON SR 1183 (UNIVERSITY DR) WILL BE MAINTAINED USING AN OFF-SITE DETOUR.

THE OFF-SITE DETOUR WILL INCLUDE BUSINESS 15/501, NC 751 (SEE SHEET TMP-5).

ACCESS TO ALL RESIDENCES AND BUSINESSES WITHIN THE PROJECT LIMITS MUST BE MAINTAINED AT ALL TIMES.

PARKING AREAS OF BUSINESSES WITHIN THE PROJECT LIMITS ARE RESERVED FOR BUSINESS EMPLOYEES AND PATRONS ONLY. CONTRACTORS MUST FIND ALTERNATIVE PARKING DURING CONSTRUCTION.

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 UNDESIRABLE 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.

SIGNING

- A) 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.

- B) 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.

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

LOCAL NOTES

1. NOTIFY THE ENGINEER AT LEAST 30 DAYS PRIOR TO ANY TRAFFIC PATTERN ALTERATION.
2. NOTIFY THE DURHAM COUNTY SCHOOLS TRANSPORTATION DIRECTOR 30 DAYS PRIOR TO ROAD CLOSURE.
3. NOTIFY THE DURHAM COUNTY EMERGENCY MANAGEMENT SERVICES DIRECTOR 30 DAYS PRIOR TO ROAD CLOSURE.

PHASING

STEP 1:

PROVIDE AND MAINTAIN CHANGEABLE MESSAGE SIGNS AT EACH END OF SR 1183 (UNIVERSITY DR) FOR THIRTY (30) CALENDAR DAYS PRIOR TO ROAD CLOSURE, AS SHOWN ON TMP-5

STEP 2:

USING RSD 1101.03, SHEET 1 OF 9, SHEETS TMP-3 THROUGH TMP-6, INSTALL ROAD CLOSURE AND DETOUR SIGNS, PLACE TYPE III BARRICADES TO CLOSE SR 1183 (UNIVERSITY DR) TO THROUGH TRAFFIC, AND DETOUR TRAFFIC OFF-SITE. REMOVE CHANGEABLE MESSAGE SIGNS ONCE DETOUR IS IN PLACE.

STEP 3:

USING UTILITY CONSTRUCTION PLANS, RELOCATE EXISTING WATER AND SANITARY SEWER PIPES.

STEP 4:

REMOVE THE EXISTING 48" DRAINAGE PIPES

STEP 5:

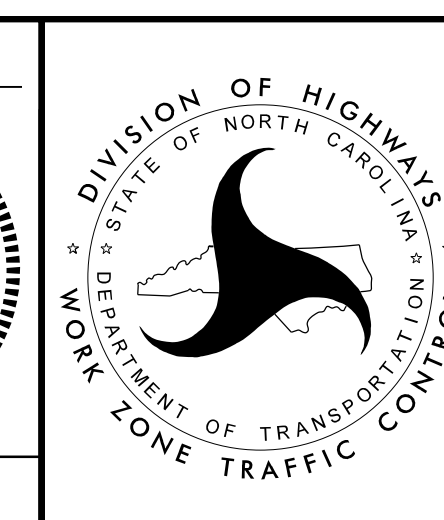
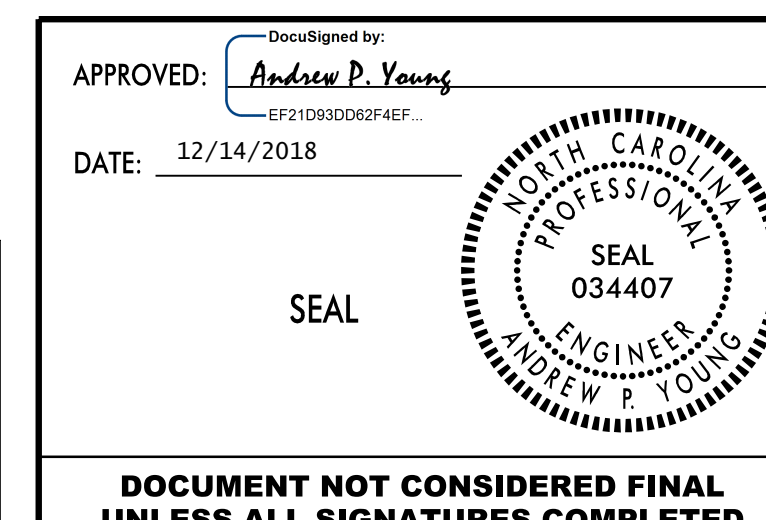
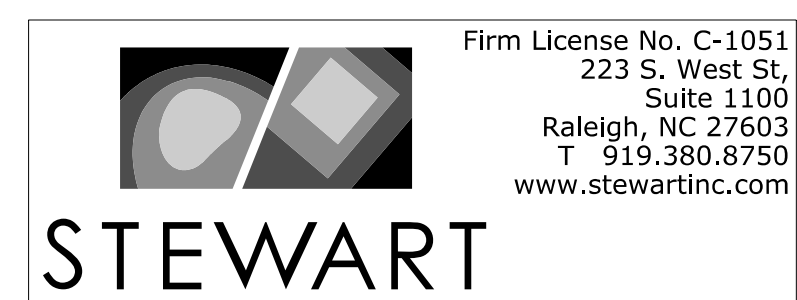
CONSTRUCT THE PROPOSED CULVERT AND ROADWAY.

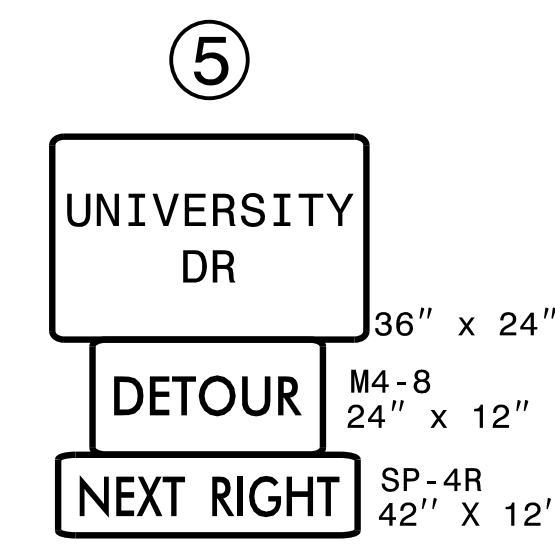
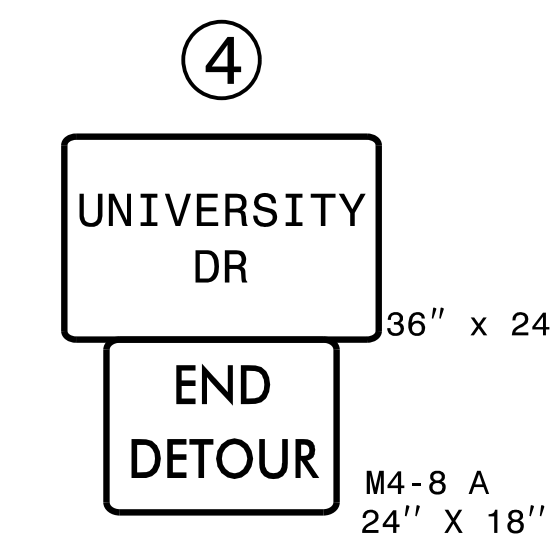
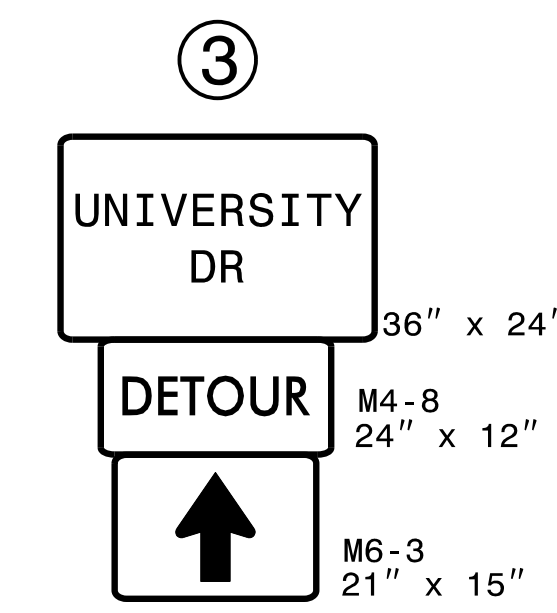
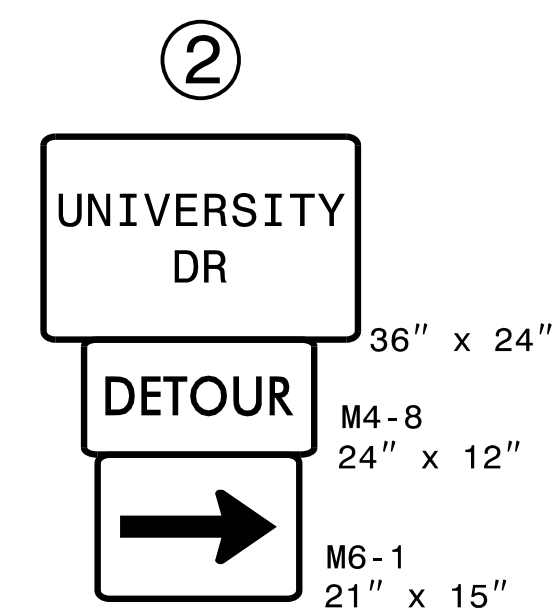
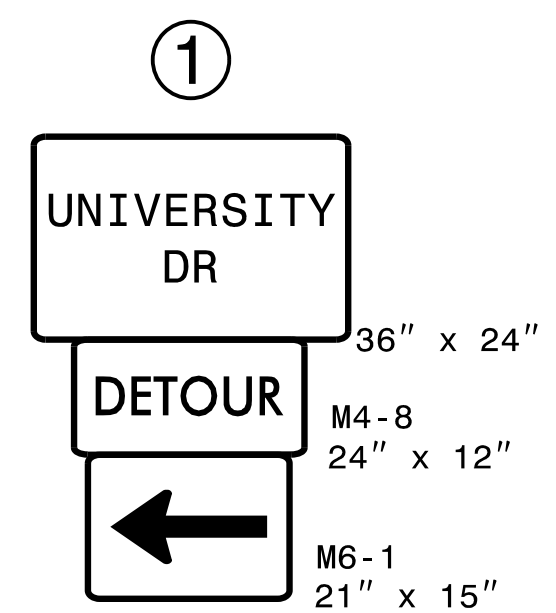
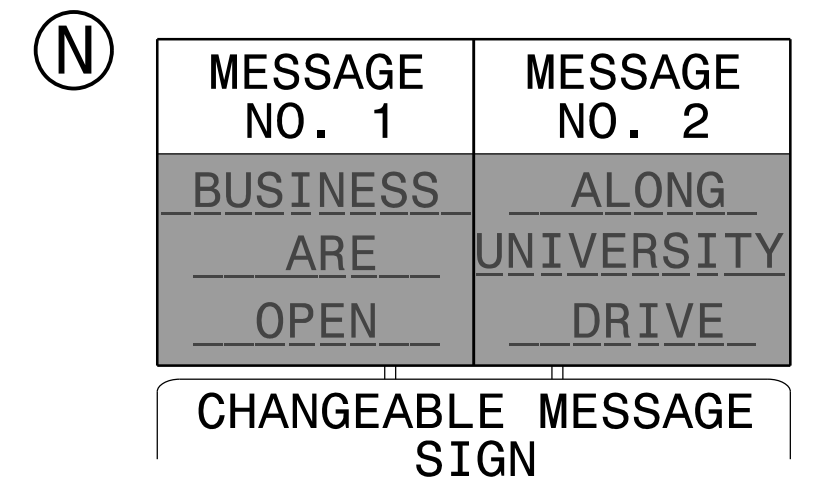
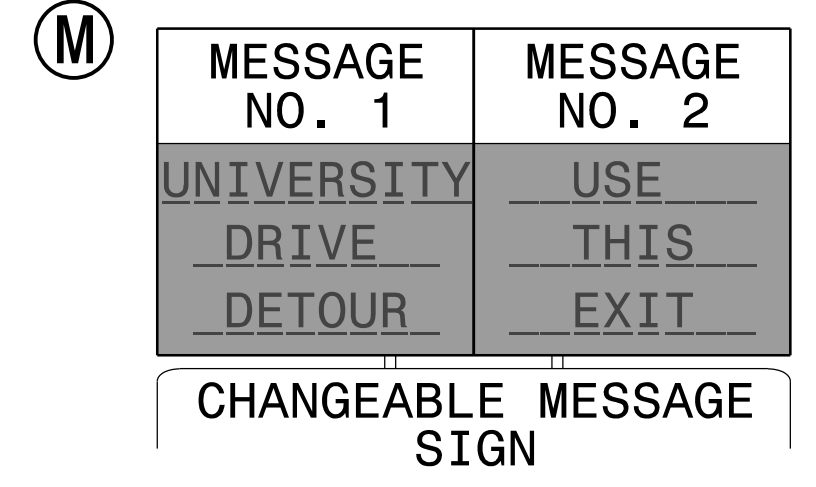
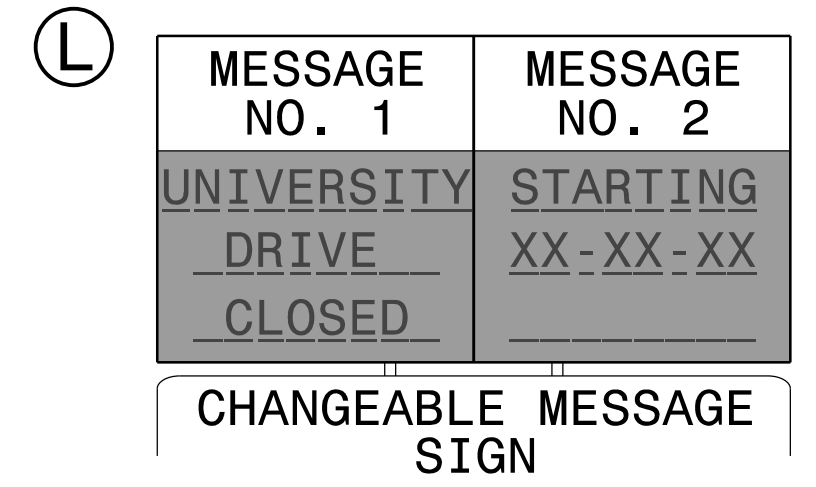
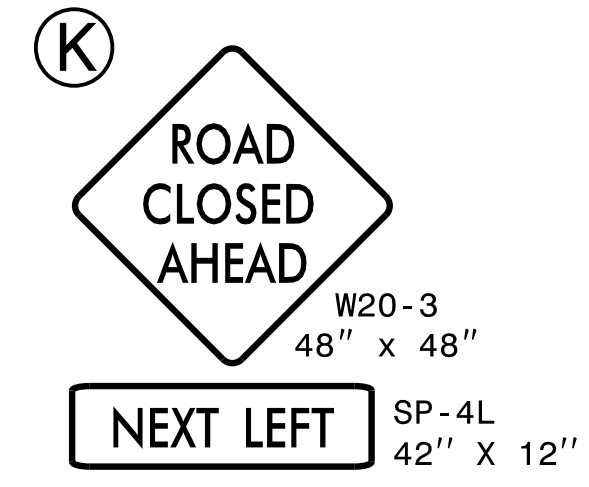
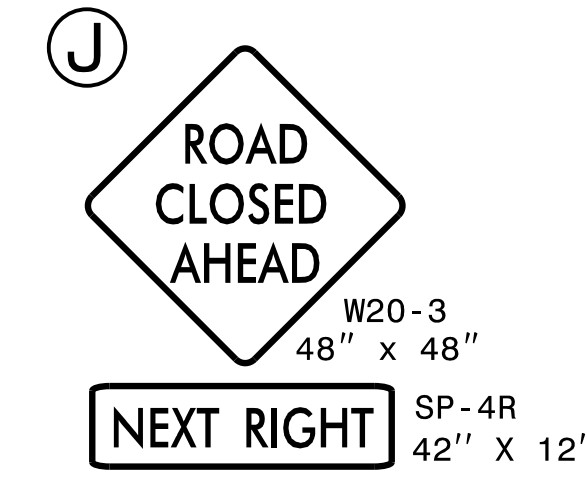
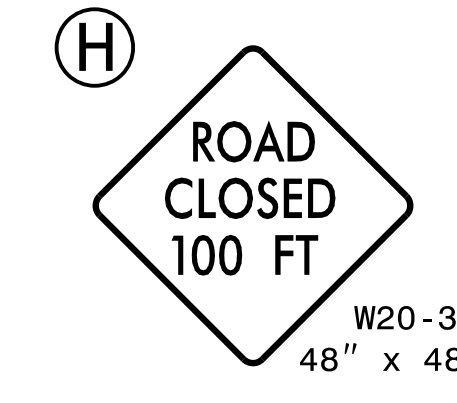
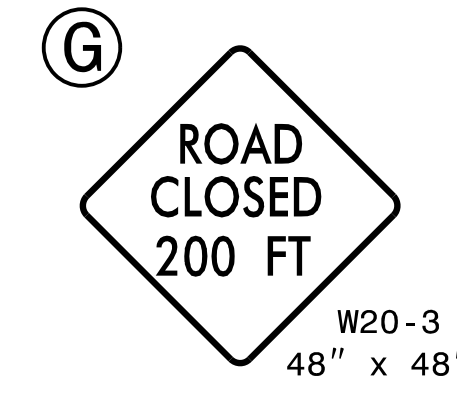
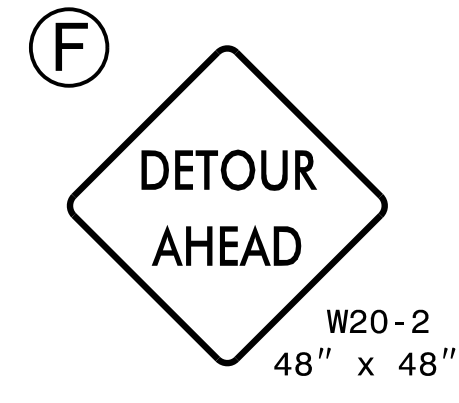
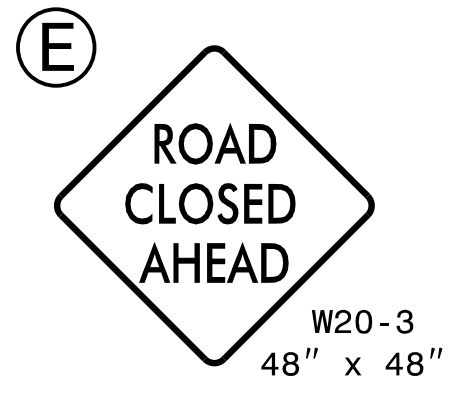
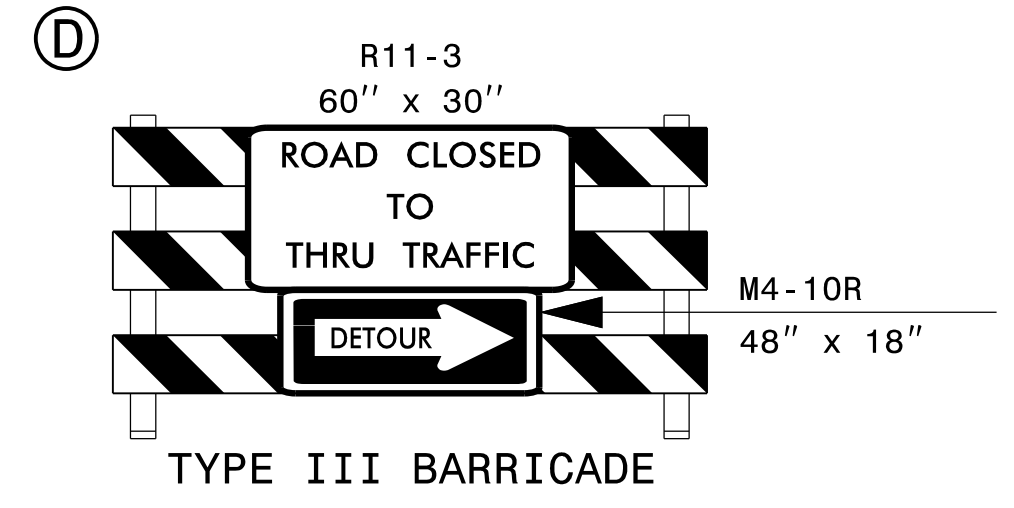
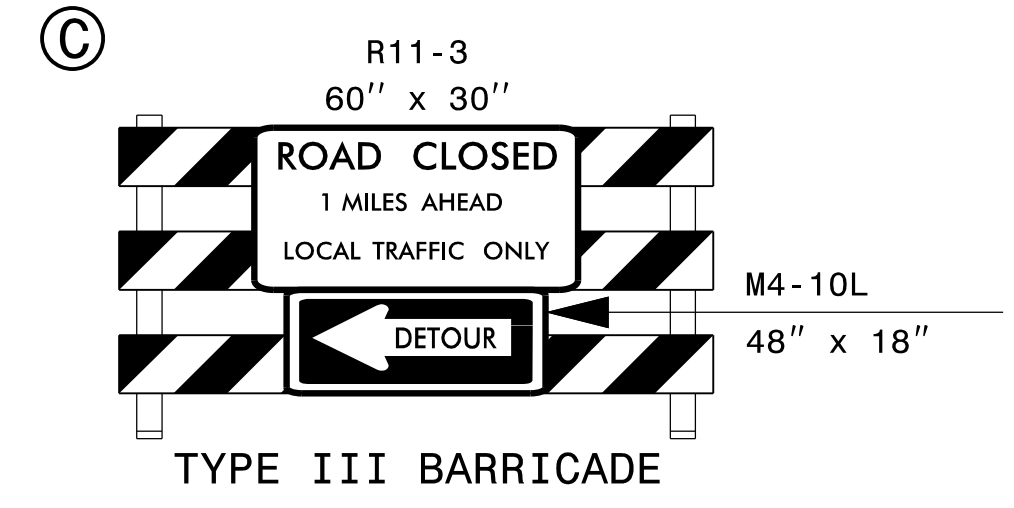
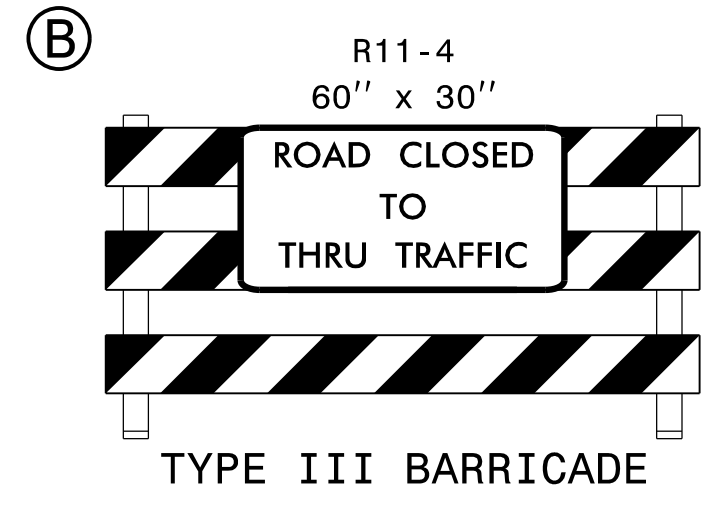
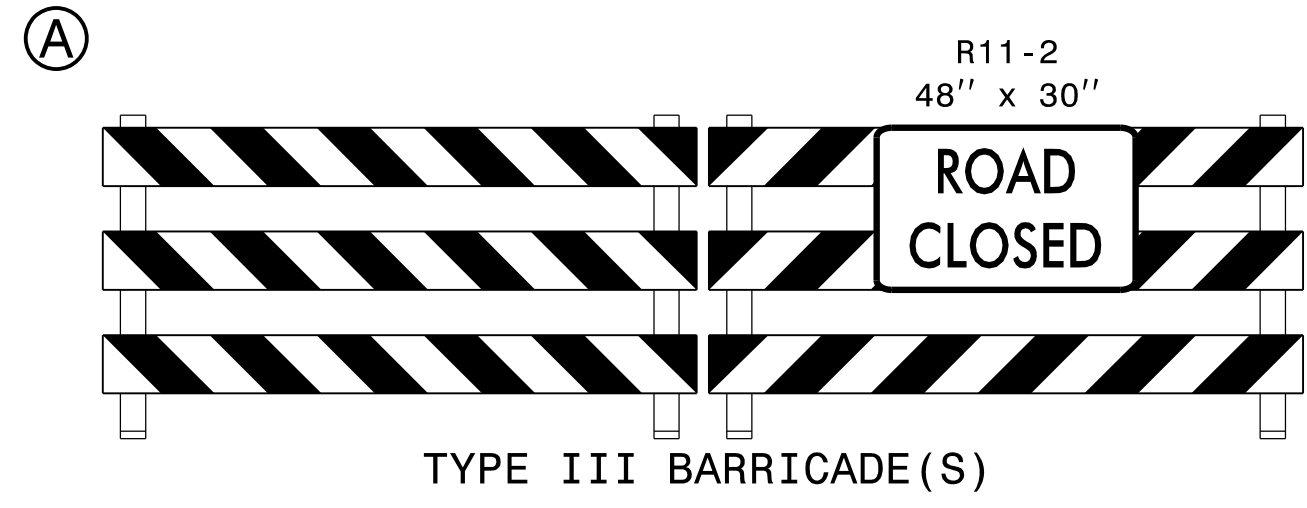
STEP 6:

PLACE FINAL PAVEMENT MARKINGS ACCORDING TO THE PAVEMENT MARKING PLANS.

STEP 7:

OPEN SR 1183 (UNIVERSITY DR) TO TRAFFIC AND REMOVE ALL WORK ZONE TRAFFIC CONTROL DEVICES.





10/29/2018
\\TC\NANA_TC_TMP-03.dgn
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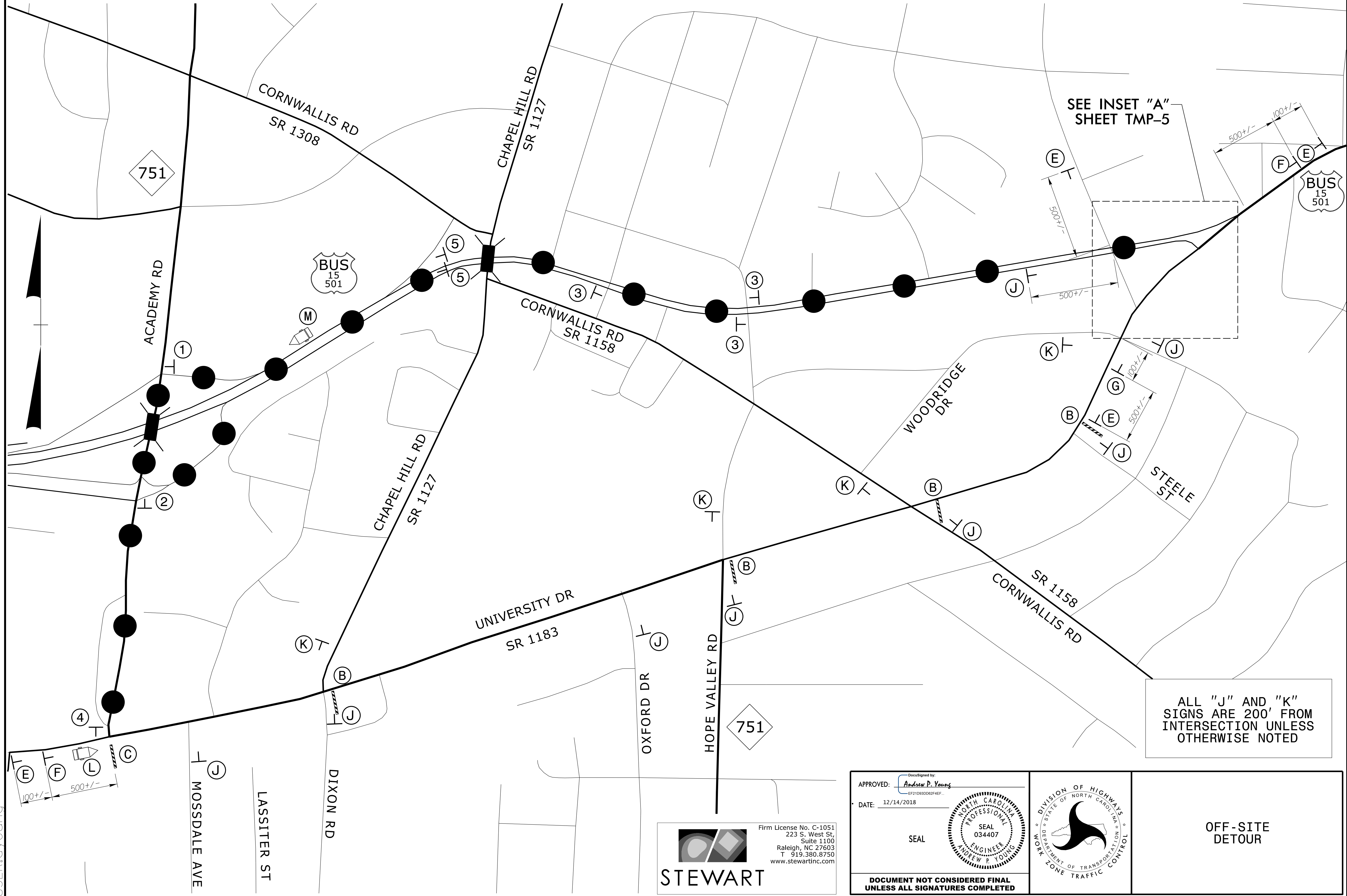
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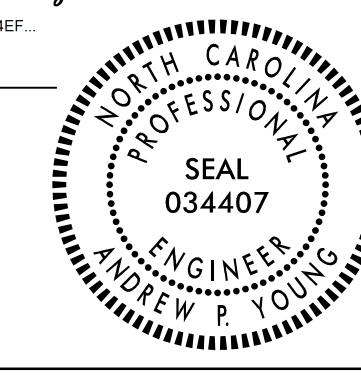
DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
WORK ZONE TRAFFIC CONTROL


**OFF-SITE
DETOUR**



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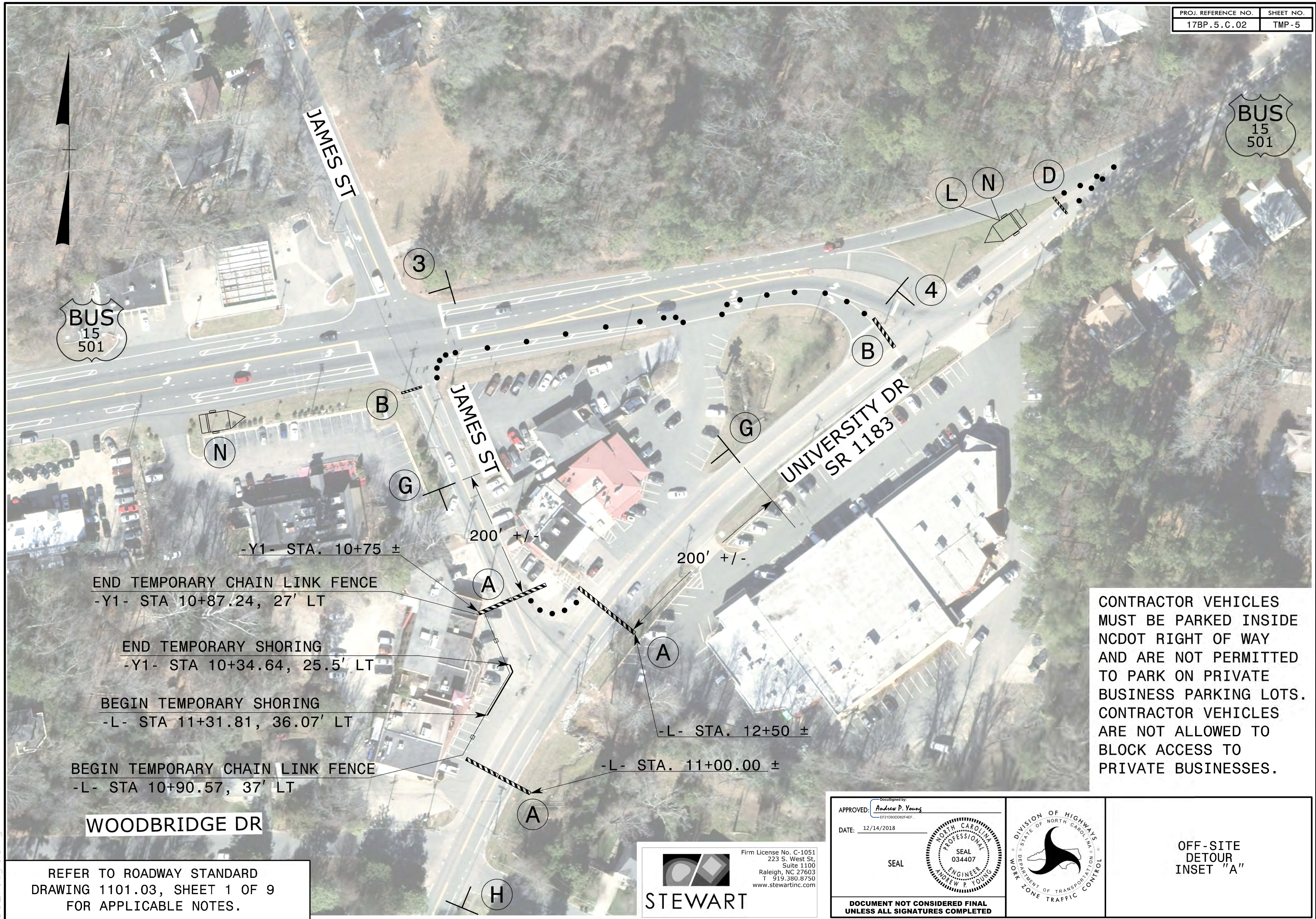
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DIVISION OF HIGHWAYS
 STATE OF NORTH CAROLINA

 DEPARTMENT OF TRANSPORTATION
 WORK ZONE TRAFFIC CONTROL

ALL "J" AND "K"
 SIGNS ARE 200'
 FROM
 INTERSECTION UNLESS
 OTHERWISE NOTED

OFF-SITE
 DETOUR

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END TEMPORARY CHAIN LINK FENCE
-Y1- STA 10+87.24, 27' LT

END TEMPORARY SHORING
-Y1- STA 10+34.64, 25.5' LT

BEGIN TEMPORARY SHORING
-L- STA 11+31.81, 36.07' LT

BEGIN TEMPORARY CHAIN LINK FENCE
-L- STA 10+90.57, 37' LT

200' +/-

-L- STA. 11+00.00 ±

CONTRACTOR VEHICLES
MUST BE PARKED INSIDE
NCDOT RIGHT OF WAY
AND ARE NOT PERMITTED
TO PARK ON PRIVATE
BUSINESS PARKING LOTS.
CONTRACTOR VEHICLES
ARE NOT ALLOWED TO
BLOCK ACCESS TO
PRIVATE BUSINESSES.

WOODBIDGE DR

REFER TO ROADWAY STANDARD
DRAWING 1101.03, SHEET 1 OF 9
FOR APPLICABLE NOTES.

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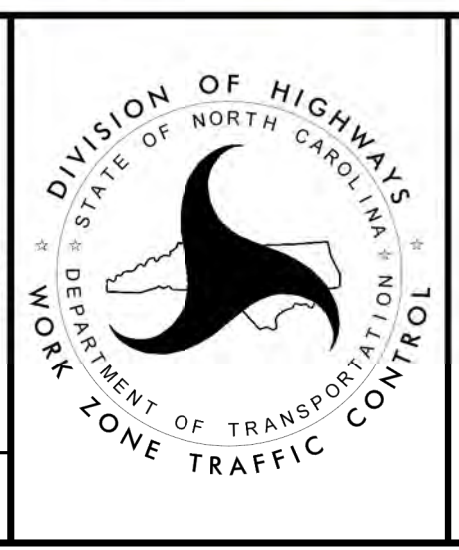
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