

5/14/99

TIP PROJECT: R-5202

CONTRACT: C202251

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

STATE PROJECT REFERENCE NO.	SHEET NO.
R-5202	TCP-1

PLAN FOR PROPOSED TRAFFIC CONTROL, MARKING & DELINEATION JACKSON COUNTY

ROADWAY STANDARD DRAWINGS

THE FOLLOWING ROADWAY STANDARDS AS APPEAR IN "ROADWAY STANDARD DRAWINGS" - ROADWAY DESIGN UNIT-N.C. DEPARTMENT OF TRANSPORTATION-RALEIGH, N.C., DATED JULY 2006 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

STD. NO.	TITLE
1101.02	TEMPORARY LANE CLOSURES
1101.03	TEMPORARY ROAD CLOSURE
1101.05	WORK ZONE VEHICLE ACCESSES
1101.06	WARNING SIGNS FOR BLASTING ZONES
1101.07	ROLLING ROAD BLOCK OPERATION
1101.11	TRAFFIC CONTROL PLAN DESIGN TABLES
1110.01	STATIONARY WORK ZONE SIGNS
1110.02	PORTABLE WORK ZONE SIGNS
1130.01	DRUMS
1135.01	CONES
1145.01	BARRICADES
1150.01	FLAGGERS
1160.01	TEMPORARY CRASH CUSHION
1165.01	TRUCK MOUNTED IMPACT ATTENUATOR
1180.01	SKINNY DRUM
1205.01	PAVEMENT MARKINGS - LINE TYPES & OFFSETS
1205.02	PAVEMENT MARKINGS - 2 LANE & MULTILANE ROADWAYS
1205.04	PAVEMENT MARKINGS - INTERSECTIONS
1205.05	PAVEMENT MARKINGS - TURN LANES
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1250.01	PAVEMENT MARKER SPACING
1251.01	RAISED PAVEMENT MARKERS - TEMPORARY AND PERMANENT
1253.01	SNOWPLOWABLE RAISED PAVEMENT MARKERS
1261.01	GUARDRAIL AND BARRIER DELINEATOR SPACING
1261.02	GUARDRAIL AND BARRIER DELINEATOR TYPES
1262.01	GUARDRAIL END DELINEATION
1264.09	PLACEMENT OF OBJECT MARKERS

INDEX OF SHEETS

SHEET NO.	TITLE
TCP-1	LIST OF APPLICABLE ROADWAY STANDARD DRAWINGS, LEGEND, FINAL PAVEMENT MARKING SCHEDULE AND INDEX OF SHEETS
TCP-2	PROJECT NOTES, AND TEMPORARY PAVEMENT MARKING SCHEDULE
TCP-3	PROJECT PHASING
TCP-4 THRU TCP-6	PHASE I DETAILS
TCP-7 THRU TCP-9	PHASE II DETAILS
TCP-10 AND TCP-11	DETAIL DRAWING FOR WORK ZONE SIGNS
PM-1 THRU PM-3	FINAL PAVEMENT MARKING SCHEDULE AND FINAL PAVEMENT MARKING PLAN

LEGEND

- GENERAL**
- DIRECTION OF TRAFFIC FLOW
 - NORTH ARROW
 - PROPOSED PVMT. ----- EXIST. PVMT.
 - WORK AREA
 - REMOVAL OF EXISTING PAVEMENT
- TRAFFIC CONTROL DEVICES**
- TYPE III BARRICADE
 - CONE
 - DRUM
 - FLASHING ARROW PANEL (TYPE C)
 - STATIONARY SIGN
 - PORTABLE SIGN
 - WARNING FLAGS
 - TEMPORARY CRASH CUSHION
 - PORTABLE CONCRETE BARRIER
 - SKINNY DRUM
 - CHANGEABLE MESSAGE SIGN
 - TRUCK MOUNTED IMPACT ATTENUATOR (TMIA)
 - POLICE
 - FLAGGER
- PAVEMENT MARKINGS**
- PAVEMENT MARKING SYMBOLS

PLANS PREPARED BY :

RK K
RUMMEL, KLEPPER & KAHL, LLP
900 RIDGEFIELD DRIVE SUITE 350
RALEIGH, NORTH CAROLINA 27609-3960
NC LICENSE NO. F-0112 (919) 878-9560
FOR
DIVISION OF HIGHWAYS

SEAL

B. K. Skinner 12/21/09

J. T. PEACOCK, JR., P.E. PROJECT ENGINEER
B. K. SKINNER, P.E. PROJECT DESIGN ENGINEER
M. A. COLE DESIGN ENGINEER

GENERAL NOTES

ADAPT THE TRAFFIC CONTROL PLANS, WHEN DIRECTED BY THE ENGINEER, TO MEET FIELD CONDITIONS TO PROVIDE SAFE AND EFFICIENT TRAFFIC MOVEMENT. CHANGES MAY BE REQUIRED WHEN PHYSICAL DIMENSIONS IN THE DETAIL DRAWINGS, STANDARD DETAILS AND ROADWAY DETAILS ARE NOT ATTAINABLE, OR RESULT IN DUPLICATE, OR UNDESIRE OVERLAPPING OF DEVICES. MODIFICATIONS MAY INCLUDE; MOVING, SUPPLEMENTING, COVERING, OR REMOVAL OF DEVICES.

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) DO NOT CLOSE OR NARROW TRAVEL LANES AS FOLLOWS:**
- | ROAD NAME | DAY AND TIME RESTRICTIONS |
|-----------|---|
| 1. NC 107 | 7:00 A.M. THRU 8:30 A.M. (MONDAY THRU FRIDAY) |

- B) DO NOT CLOSE OR NARROW TRAVEL LANES DURING HOLIDAYS AS FOLLOWS:**
- | ROAD NAME | HOLIDAY |
|-----------|---------|
| 1. NC 107 | |

- FOR UNEXPECTED OCCURRENCE THAT CREATES UNUSUALLY HIGH TRAFFIC VOLUMES, AS DIRECTED BY THE ENGINEER.
- FOR NEW YEAR'S, BETWEEN THE HOURS OF 4:30 P.M. DECEMBER 31ST TO 8:30 A.M. JANUARY 2ND. IF NEW YEAR'S DAY IS ON A SATURDAY OR A SUNDAY, THEN UNTIL 8:30 A.M. THE FOLLOWING TUESDAY.
- FOR EASTER, BETWEEN THE HOURS OF 4:30 P.M. THURSDAY AND 8:30 A.M. MONDAY.
- FOR MEMORIAL DAY, BETWEEN THE HOURS OF 4:30 P.M. FRIDAY TO 8:30 A.M. TUESDAY.
- FOR INDEPENDENCE DAY, BETWEEN THE HOURS OF 4:30 P.M. THE DAY BEFORE INDEPENDENCE DAY AND 8:30 A.M. THE DAY AFTER INDEPENDENCE DAY.

IF INDEPENDENCE DAY IS ON A FRIDAY, SATURDAY, SUNDAY OR MONDAY THEN BETWEEN THE HOURS OF 4:30 P.M. THE THURSDAY BEFORE INDEPENDENCE DAY AND 8:30 A.M. THE TUESDAY AFTER INDEPENDENCE DAY.
- FOR LABOR DAY, BETWEEN THE HOURS OF 4:30 P.M. FRIDAY TO 8:30 A.M. TUESDAY.
- FOR THANKSGIVING, BETWEEN THE HOURS OF 4:30 P.M. TUESDAY TO 8:30 A.M. MONDAY.
- FOR CHRISTMAS, BETWEEN THE HOURS OF 4:30 P.M. THE FRIDAY BEFORE THE WEEK OF CHRISTMAS DAY AND 8:30 A.M. THE FOLLOWING MONDAY AFTER THE WEEK OF CHRISTMAS.
- FOR LEAF SEASON, THE ENTIRE MONTH OF OCTOBER AND 1ST WEEK IN NOVEMBER, BETWEEN 4:30 P.M. FRIDAY TO 8:30 A.M. MONDAY.

LANE & SHOULDER CLOSURE REQUIREMENTS

- C) REMOVE LANE CLOSURE DEVICES FROM THE LANE WHEN WORK IS NOT BEING PERFORMED BEHIND THE LANE CLOSURE OR WHEN A LANE CLOSURE IS NO LONGER NEEDED, OR AS DIRECTED BY THE ENGINEER.**
- D) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING ON THE SHOULDER ADJACENT TO AN UNDIVIDED FACILITY AND WITHIN 5' (1.5m) OF AN OPEN TRAVEL LANE, CLOSE THE NEAREST OPEN TRAVEL LANE USING ROADWAY STANDARD DRAWING NO. 1101.02, UNLESS THE WORK AREA IS PROTECTED BY BARRIER OR GUARDRAIL.**
- E) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING WITHIN A LANE OF TRAVEL OF AN UNDIVIDED OR DIVIDED FACILITY. CLOSE THE LANE ACCORDING TO THE TRAFFIC CONTROL PLANS, ROADWAY STANDARD DRAWINGS OR AS DIRECTED BY THE ENGINEER. CONDUCT THE WORK SO THAT ALL PERSONNEL AND/OR EQUIPMENT REMAIN WITHIN THE CLOSED TRAVEL LANE.**
- F) DO NOT INSTALL MORE THAN 1/2 MILE OF LANE CLOSURE ON NC 107, MEASURED FROM THE BEGINNING OF THE MERGE TAPER TO THE END OF THE LANE CLOSURE.**

PROJECT NOTES

PAVEMENT EDGE DROP OFF REQUIREMENTS

- G) BACKFILL AT A 6:1 SLOPE UP TO THE EDGE AND ELEVATION OF EXISTING PAVEMENT IN AREAS ADJACENT TO AN OPEN TRAVEL LANE THAT HAS A DROP-OFF AS FOLLOWS:**
- BACKFILL DROP-OFFS THAT EXCEED 2" (50 mm) ON ROADWAYS WITH POSTED SPEED LIMITS OF 45 MPH OR GREATER.
 - BACKFILL DROP-OFFS THAT EXCEED 3" (75mm) ON ROADWAYS WITH POSTED SPEED LIMITS OF LESS THAN 45 MPH.
 - BACKFILL WITH SUITABLE COMPACTED MATERIAL, AS APPROVED BY THE ENGINEER, AT NO EXPENSE TO THE DEPARTMENT.

TRAFFIC PATTERN ALTERATIONS

- H) NOTIFY THE ENGINEER 21 CALENDAR DAYS PRIOR TO ANY TRAFFIC PATTERN ALTERATION.**

SIGNING

- I) INSTALL ADVANCE WORK ZONE WARNING SIGNS WHEN WORK IS WITHIN 100 FT (31m) FROM THE EDGE OF TRAVEL LANE AND NO MORE THAN THREE (3) DAYS PRIOR TO THE BEGINNING OF CONSTRUCTION.**
- WHEN NO WORK IS BEING CONDUCTED FOR A PERIOD LONGER THAN ONE WEEK, REMOVE OR COVER ALL ADVANCE WORK ZONE WARNING SIGNS, AS DIRECTED BY THE ENGINEER, AT NO COST TO THE DEPARTMENT.
- J) PROVIDE PERMANENT SIGNING.**
- K) ENSURE ALL NECESSARY SIGNING IS IN PLACE PRIOR TO ALTERING ANY TRAFFIC PATTERN.**

TRAFFIC CONTROL DEVICES

- L) SPACE CHANNELIZING DEVICES IN WORK AREAS NO GREATER THAN TWICE THE POSTED SPEED LIMIT (MPH), EXCEPT 10 FT (3m) ON-CENTER IN RADII, AND 3 FT (1m) OFF THE EDGE OF AN OPEN TRAVELWAY, WHEN LANE CLOSURES ARE NOT IN EFFECT.**
- M) PLACE TYPE III BARRICADES, WITH "ROAD CLOSED" SIGN R11-2 ATTACHED, OF SUFFICIENT LENGTH TO CLOSE ENTIRE ROADWAY. STAGGER OR OVERLAP BARRICADES TO ALLOW FOR INGRESS OR EGRESS.**

PAVEMENT MARKINGS AND MARKERS

- N) INSTALL PAVEMENT MARKINGS AND MARKERS ON THE FINAL SURFACE AS FOLLOWS:**

ROAD NAME	MARKING	MARKER
1. ALL ROADS	POLYUREA WITH STANDARD BEADS	SNOWFLOWABLE RAISED REFLECTIVE

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

ROAD NAME	MARKING	MARKER
1. ALL ROADS	PAINT	RAISED REFLECTIVE (TEMPORARY)

- P) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.**

- Q) REPLACE ANY PAVEMENT MARKINGS THAT HAVE BEEN OBLITERATED BY THE END OF EACH DAY'S OPERATION.**
- R) PLACE AT LEAST TWO APPLICATIONS OF PAINT ON NEW ASPHALT WITH TEMPORARY TRAFFIC PATTERNS WHICH WILL REMAIN IN PLACE OVER THREE (3) MONTHS. PLACE ADDITIONAL APPLICATIONS OF PAINT UPON SUFFICIENT DRYING TIME, AS DETERMINED BY THE ENGINEER.**

MISCELLANEOUS

- S) DO NOT STOP TRAFFIC FOR MORE THAN 10 MINUTES AS FOLLOWS:**
- | OPERATION | ROAD NAME |
|--|-----------|
| 1. SHIFTING TRAFFIC AND ANY OPERATION THAT REQUIRES TRAFFIC TO BE STOPPED. | NC 107 |
- T) POLICE MAY BE USED TO MAINTAIN TRAFFIC THROUGH INTERSECTIONS.**

SYMBOL	DESCRIPTION	QUANTITY BREAKDOWN	PAY ITEM	TOTAL QUANTITY
PAVEMENT MARKING LINES				
		PAINT (4")		40,300 FT
PA	WHITE EDGELINE 2X	19,000 FT		
PD	WHITE MINI SKIP 2X	300 FT		
PE	WHITE SOLID LANE LINE 2X	2,000 FT		
PI	YELLOW DOUBLE CENTER LINE 2X	19,000 FT		
		PAINT (24")		24 FT
P4	WHITE STOPBAR 1X	24 FT		
PAVEMENT MARKERS				
		TEMPORARY RAISED		300 EA
MH	YELLOW & YELLOW	300 EA		

NOTE: FOR EACH PAINT PAVEMENT MARKING ITEM, 1X IMPLIES A SINGLE APPLICATION, 2X IMPLIES TWO APPLICATIONS, AND 3X IMPLIES THREE APPLICATIONS.

PLANS PREPARED BY : RUMMEL, KLEPPER & KAHL, LLP 900 RIDGEFIELD DRIVE SUITE 350 RALEIGH, NORTH CAROLINA 27609-3960 NC LICENSE NO. P-0112 (919) 878-9560 FOR DIVISION OF HIGHWAYS		PROJECT NOTES & TEMP. PAVEMENT MARKING SCHEDULE					
		SCALE: NONE DATE: 10-09 DWG. BY: MAC DESIGN BY: MAC REVIEWED BY: BKS	REVISIONS <table border="1"> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </table> CADD FILE: TCP002.DGN				

PROJ. REFERENCE NO.	SHEET NO.
R-5202	TCP-2

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 bholden


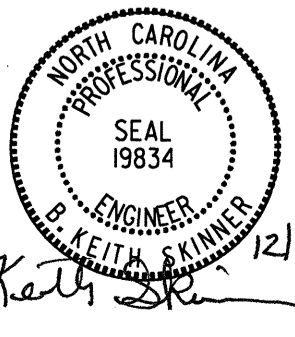
PHASE I:

- STEP 1: INSTALL ADVANCE WORK ZONE WARNING SIGNS ON ALL -LREV- AND -Y- LINE ROADWAY APPROACHES TO THE PROJECT LIMITS, (SEE SHEETS TCP-2, TCP-10 AND TCP-11).
- STEP 2: USING ROADWAY STANDARD DRAWING NO. 1101.02, SHEET 1 OF 9, WITH FLAGGERS AND PILOT VEHICLE CLOSE THE NORTHBOUND TRAVEL LANE OF -LREV- NC 107 AND THE EASTBOUND LANE OF -Y1- AND -Y2-. WHILE MAINTAINING TRAFFIC IN A ONE LANE TWO-WAY TRAFFIC PATTERN, CONSTRUCT PROPOSED CLEARING AND GRUBBING, GRADING, GUARDRAIL INSTALLATION, PAVEMENT WIDENING AND RESURFACING UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE AND PLACE TEMPORARY PAVEMENT MARKINGS, (PAINT) FROM -LREV- STA. 10+00 +/- TO -LREV- STA. 51+45 +/- AND -Y1- STA. 13+90 +/- TO -Y1- STA. 16+62 +/-, -Y2- STA. 10+45 +/- TO -Y2- STA. 13+83 +/- . AT THE END OF THE WORK DAY -LREV- NC 107, -Y1- AND -Y2- WILL BE RESTORED TO THEIR ORIGINAL TRAFFIC PATTERN, (SEE ROADWAY PLANS, SHEETS TCP-2, TCP-4 THRU TCP-6 AND ROADWAY STANDARD DRAWING NO. 1101.06 DURING BLASTING OPERATIONS).
- STEP 3: USING ROADWAY STANDARD DRAWING NO. 1101.02, SHEET 1 OF 9, WITH FLAGGERS AND PILOT VEHICLE CLOSE THE SOUTHBOUND TRAVEL LANE OF -LREV- NC 107 AND THE WESTBOUND TRAVEL LANE OF -Y1- AND -Y2-. WHILE MAINTAINING TRAFFIC IN A ONE LANE TWO-WAY TRAFFIC PATTERN, CONSTRUCT PROPOSED CLEARING AND GRUBBING, GRADING, GUARDRAIL INSTALLATION, PAVEMENT WIDENING AND RESURFACING UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE AND PLACE TEMPORARY PAVEMENT MARKINGS, (PAINT) FROM -LREV- STA. 10+00 +/- TO -LREV- STA. 51+45 +/-, -Y1- STA. 13+90 +/- TO -Y1- STA. 16+62 +/- AND -Y2- STA. 10+45 +/- TO -Y2- STA. 13+83 +/- . AT THE END OF THE WORK DAY -LREV- NC 107, -Y1- AND -Y2- WILL BE RESTORED TO THEIR ORIGINAL TRAFFIC PATTERN, (SEE ROADWAY PLANS, SHEETS TCP-2, TCP-4 THRU TCP-6 ROADWAY STANDARD DRAWING NO. 1101.06 DURING BLASTING OPERATIONS).
- STEP 4: INSTALL PROPOSED SIGNING AS DIRECTED BY THE ENGINEER AND RESTORE -LREV- NC 107 AND ALL -Y- LINES TO THEIR ORIGINAL TRAFFIC PATTERN.

PHASE II:

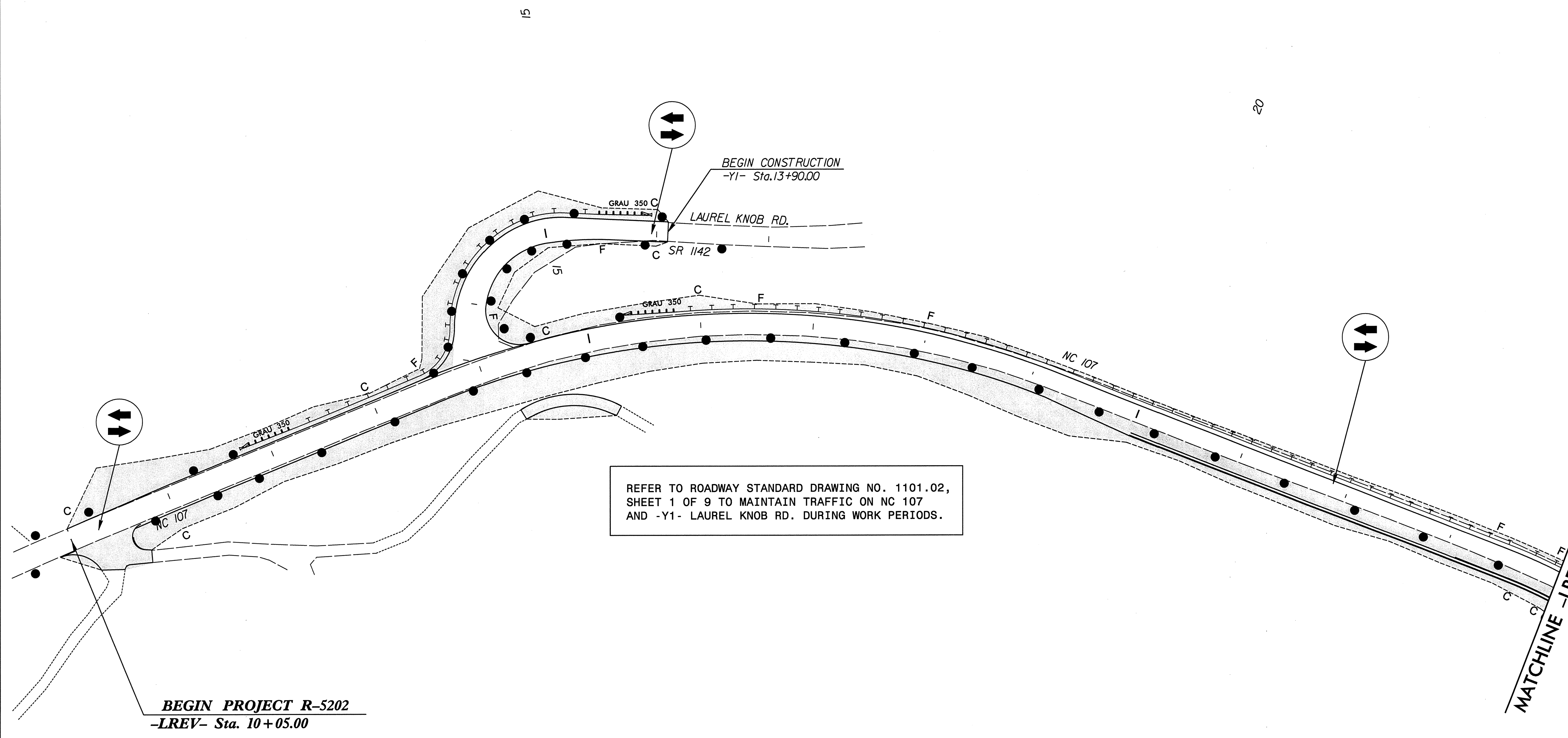
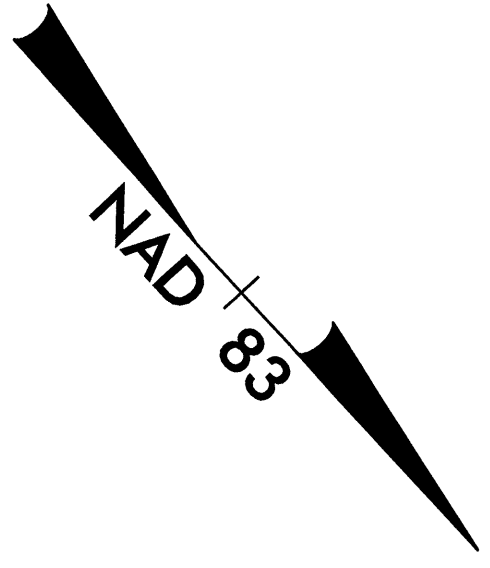
- STEP 1: USING ROADWAY STANDARD DRAWING 1101.02 SHEET 1 OF 9 WITH FLAGGERS AND PILOT VEHICLE ALTERNATELY CLOSE THE NORTHBOUND AND/OR SOUTHBOUND TRAVEL LANES OF -LREV- NC 107 AND THE EASTBOUND AND/OR WESTBOUND TRAVEL LANES OF -Y1- AND -Y2-. WHILE MAINTAINING TRAFFIC IN A ONE LANE TWO-WAY TRAFFIC PATTERN, PLACE THE FINAL LAYER OF SURFACE COURSE PAVEMENT, PROPOSED PAVEMENT MARKINGS, (POLYUREA) AND SNOWPLOWABLE RAISED PAVEMENT MARKERS FROM -LREV- STA. 10+00 +/- TO -LREV- STA. 51+45 +/-, -Y1- STA. 13+90 +/- TO -Y1- STA. 16+62 +/- AND -Y2- STA. 10+45 +/- TO -Y2- STA. 13+83 +/- . AT THE END OF THE WORK DAY -LREV- NC 107, -Y1- AND -Y2- TRAVEL LANES WILL BE RESTORED TO ITS ORIGINAL TRAFFIC PATTERN, (SEE ROADWAY STANDARD DRAWINGS, SHEETS TCP-2, TCP-7 THRU TCP-9 AND PM-1 THRU PM-3).
- STEP 2: REMOVE ANY REMAINING TRAFFIC CONTROL DEVICES FROM THE PROJECT AND OPEN NC 107, -Y1- AND -Y2- TO THEIR PROPOSED TRAFFIC PATTERN.

I:\8\09_08\04\2 R:\TrafficControl\TCP\1007\ma14029- tcp- tcp003.dgn
 12/21/09

PLANS PREPARED BY :  RUMMEL, KLEPPER & KAHL, LLP 900 RIDGEFIELD DRIVE SUITE 350 RALEIGH, NORTH CAROLINA 27609-3960 NC LICENSE NO. F-0112 (919) 878-9560 FOR DIVISION OF HIGHWAYS	SEAL  B. Keith Summer 12/21/09	PROJECT PHASING					
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PROJ. REFERENCE NO.	SHEET NO.
R-5202	TCP-4



REFER TO ROADWAY STANDARD DRAWING NO. 1101.02, SHEET 1 OF 9 TO MAINTAIN TRAFFIC ON NC 107 AND -Y1- LAUREL KNOB RD. DURING WORK PERIODS.

REFER TO SHEETS TCP-2, TCP-3, TCP-10, TCP-11 AND ROADWAY STANDARD DRAWING NO. 1101.02 SHEET 1 OF 9.

8/17/99
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bholden

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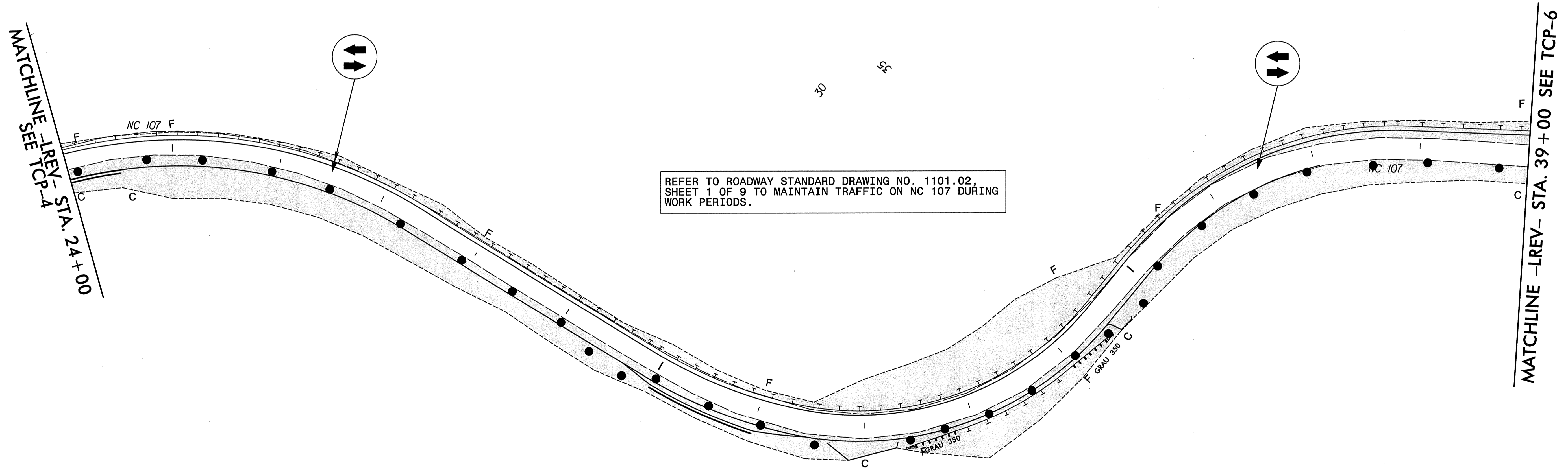
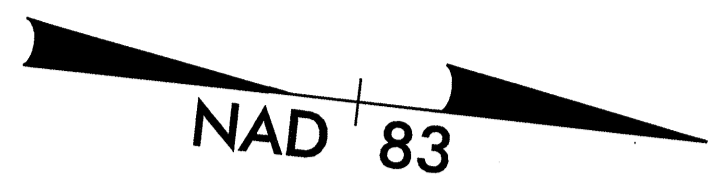
BEGIN CONSTRUCTION
-Y1- Sta. 13+90.00

MATCHLINE -LREV- STA. 24+00 SEE TCP-5

PLANS PREPARED BY:
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FOR
DIVISION OF HIGHWAYS

SEAL
NORTH CAROLINA
PROFESSIONAL
ENGINEER
SEAL
19834
12/21/09

PHASE I - DETAIL	
SCALE: NONE	REVISIONS
DATE: 10-2009	
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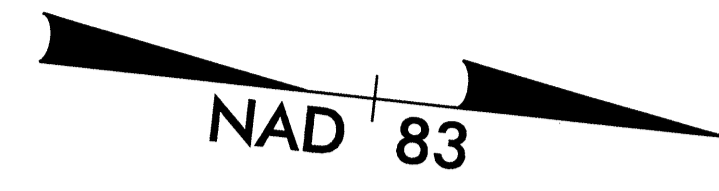


REFER TO ROADWAY STANDARD DRAWING NO. 1101.02,
SHEET 1 OF 9 TO MAINTAIN TRAFFIC ON NC 107 DURING
WORK PERIODS.

REFER TO SHEETS TCP-2, TCP-3, TCP-10 AND TCP-11.

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 bholden

PLANS PREPARED BY : RUMMEL, KLEPPER & KAHL, LLP 900 RIDGEFIELD DRIVE SUITE 350 RALEIGH, NORTH CAROLINA 27609-3960 NC LICENSE NO. F-0112 (919) 878-9560 FOR DIVISION OF HIGHWAYS	 SEAL B. Keith Skinner 12/21/09	PHASE I - DETAIL					
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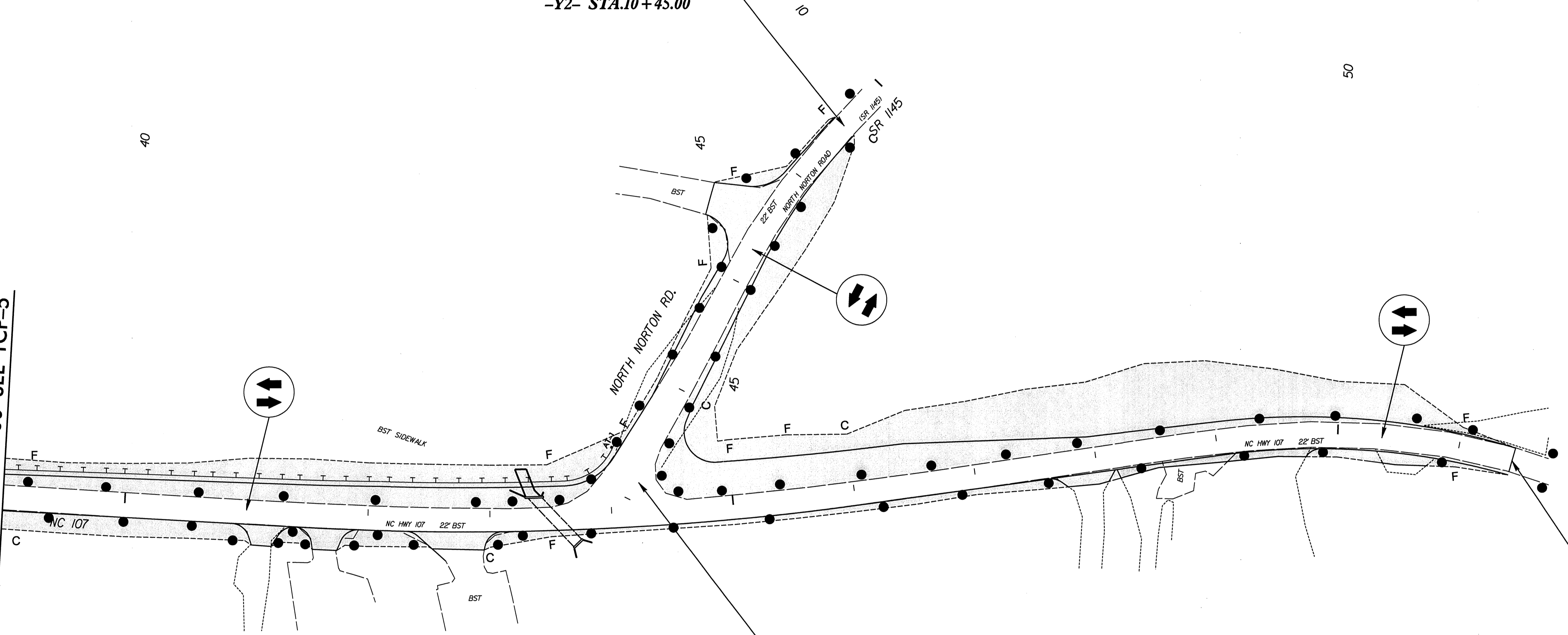


MATCHLINE -LREV- STA. 39+00 SEE TCP-5

BEGIN CONSTRUCTION
-Y2- STA.10+45.00

END CONSTRUCTION
-Y2- STA.13+83.93

END PROJECT R-5202
-LREV- Sta. 51+45.00

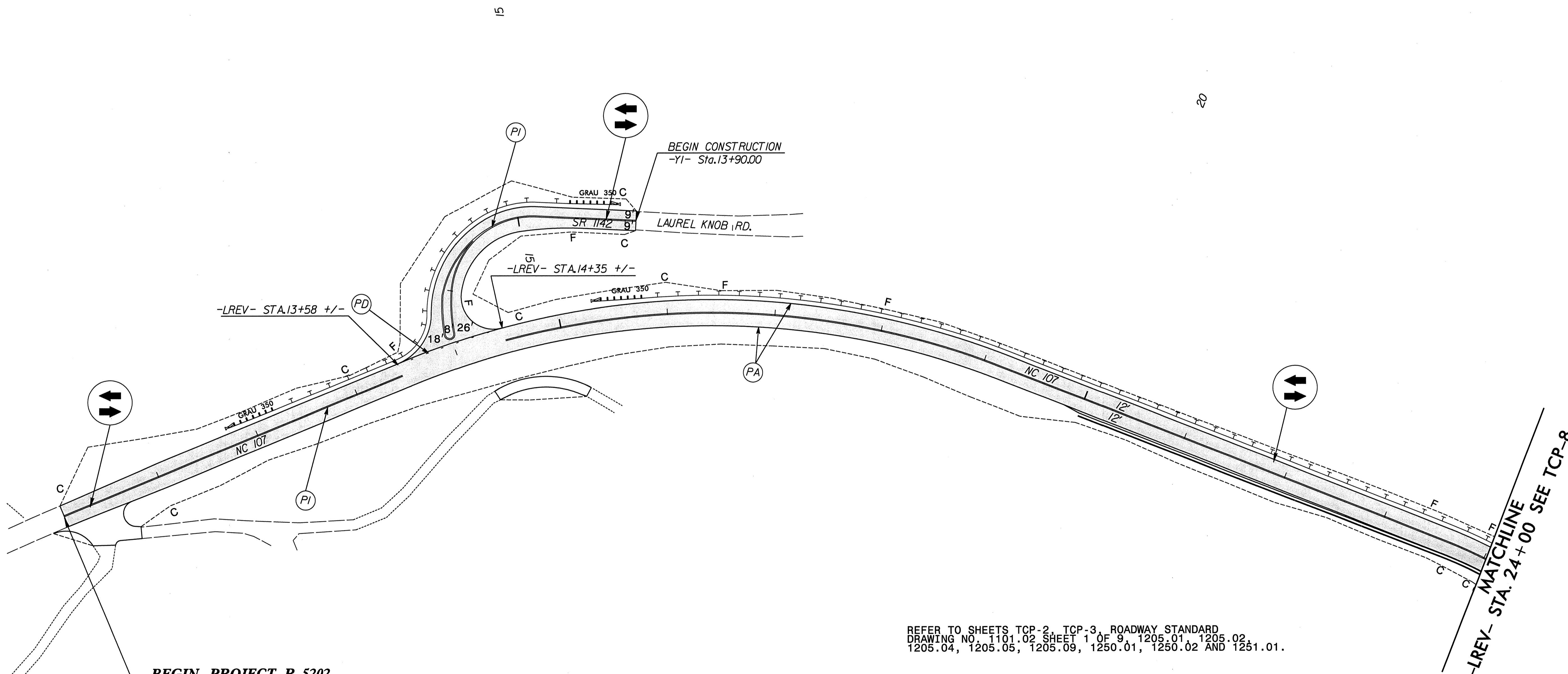
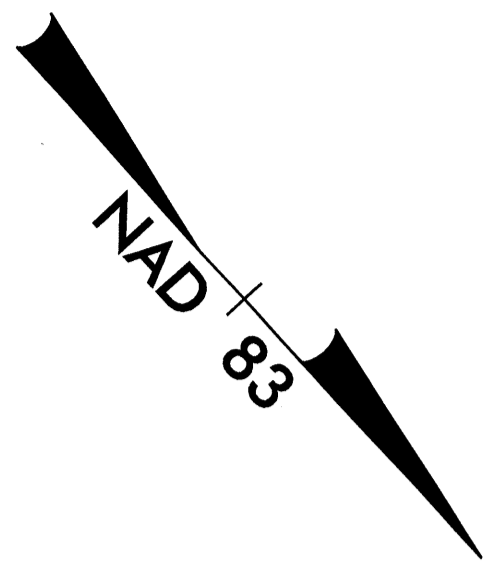


REFER TO SHEETS TCP-2, TCP-3, TCP-10, TCP-11 AND ROADWAY STANDARD DRAWING NO. 1101.02 SHEET 1 OF 9.

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bholden

PLANS PREPARED BY : RUMMEL, KLEPPER & KAHL, LLP 900 RIDGEFIELD DRIVE SUITE 350 RALEIGH, NORTH CAROLINA 27609-3960 NC LICENSE NO. F-0112 (919) 878-9560 FOR DIVISION OF HIGHWAYS		 SEAL B. Keith Swinner 12/21/09	<p align="center">PHASE I - DETAIL</p> <table border="1"> <tr> <td>SCALE:</td> <td>NONE</td> </tr> <tr> <td>DATE:</td> <td>3-19-07</td> </tr> <tr> <td>DWG. BY:</td> <td>LAT</td> </tr> <tr> <td>DESIGN BY:</td> <td>NONE</td> </tr> <tr> <td>REVIEWED BY:</td> <td>BKS</td> </tr> </table>	SCALE:	NONE	DATE:	3-19-07	DWG. BY:	LAT	DESIGN BY:	NONE	REVIEWED BY:	BKS	<table border="1"> <tr> <th colspan="2">REVISIONS</th> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </table>	REVISIONS							
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PROJ. REFERENCE NO.	SHEET NO.
R-5202	TCP-7



BEGIN PROJECT R-5202
-LREV- Sta. 10+05.00
 TIE TO EXISTING
 PAVEMENT MARKINGS

REFER TO SHEETS TCP-2, TCP-3, ROADWAY STANDARD
 DRAWING NO. 1101.02 SHEET 1 OF 9, 1205.01, 1205.02,
 1205.04, 1205.05, 1205.09, 1250.01, 1250.02 AND 1251.01.

-LREV- MATCHLINE
STA. 24+00 SEE TCP-8

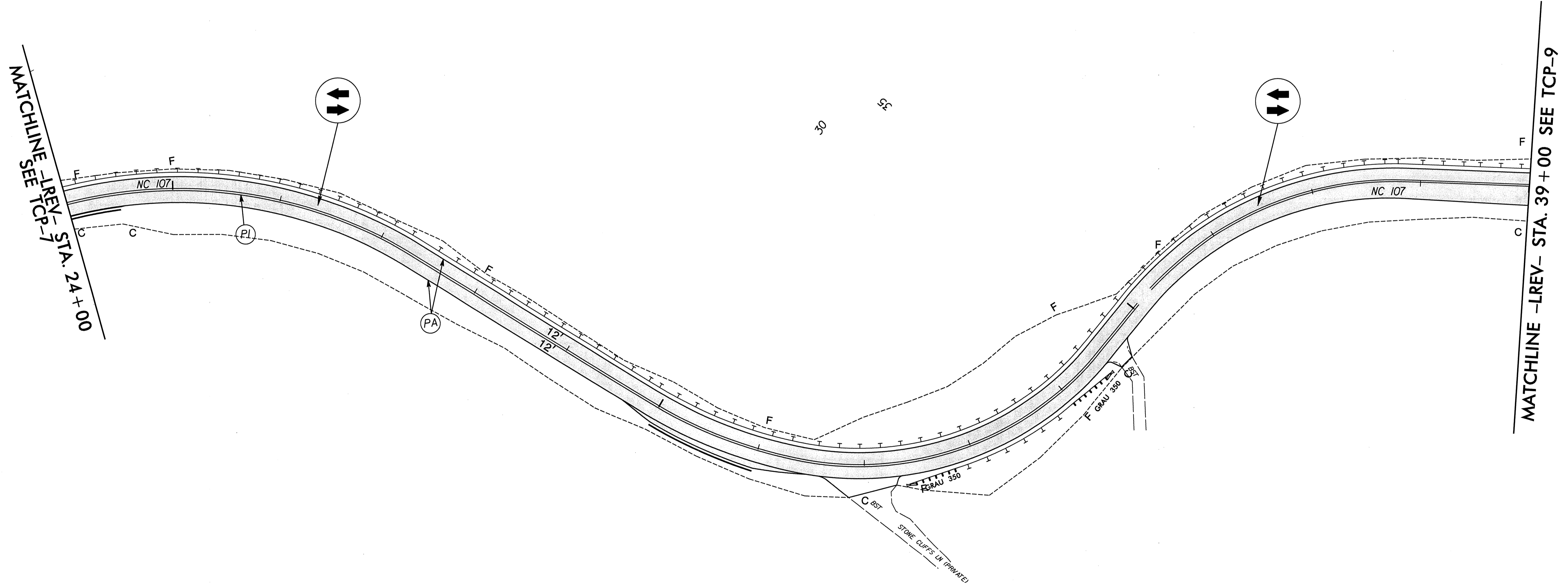
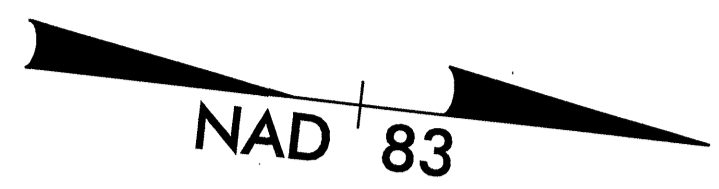
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PLANS PREPARED BY:
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 FOR
 DIVISION OF HIGHWAYS

SEAL
 NORTH CAROLINA
 PROFESSIONAL
 SEAL
 19834
 ENGINEER
 B. Keith Swinner
 12/21/09

PHASE II - DETAIL	
SCALE: NONE	REVISIONS
DATE: 3-19-07	
DWG. BY: LAT	
DESIGN BY: MAC	
REVIEWED BY: BKS	
CADD FILE	tcp_tcp007.dgn

PROJ. REFERENCE NO.	SHEET NO.
R-5202	TCP-8



REFER TO SHEETS TCP-2, TCP-3, ROADWAY STANDARD
DRAWING NO. 1101.02 SHEET 1 OF 9, 1205.01, 1205.02,
1205.05, 1250.01, 1250.02 AND 1251.01.

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bholden

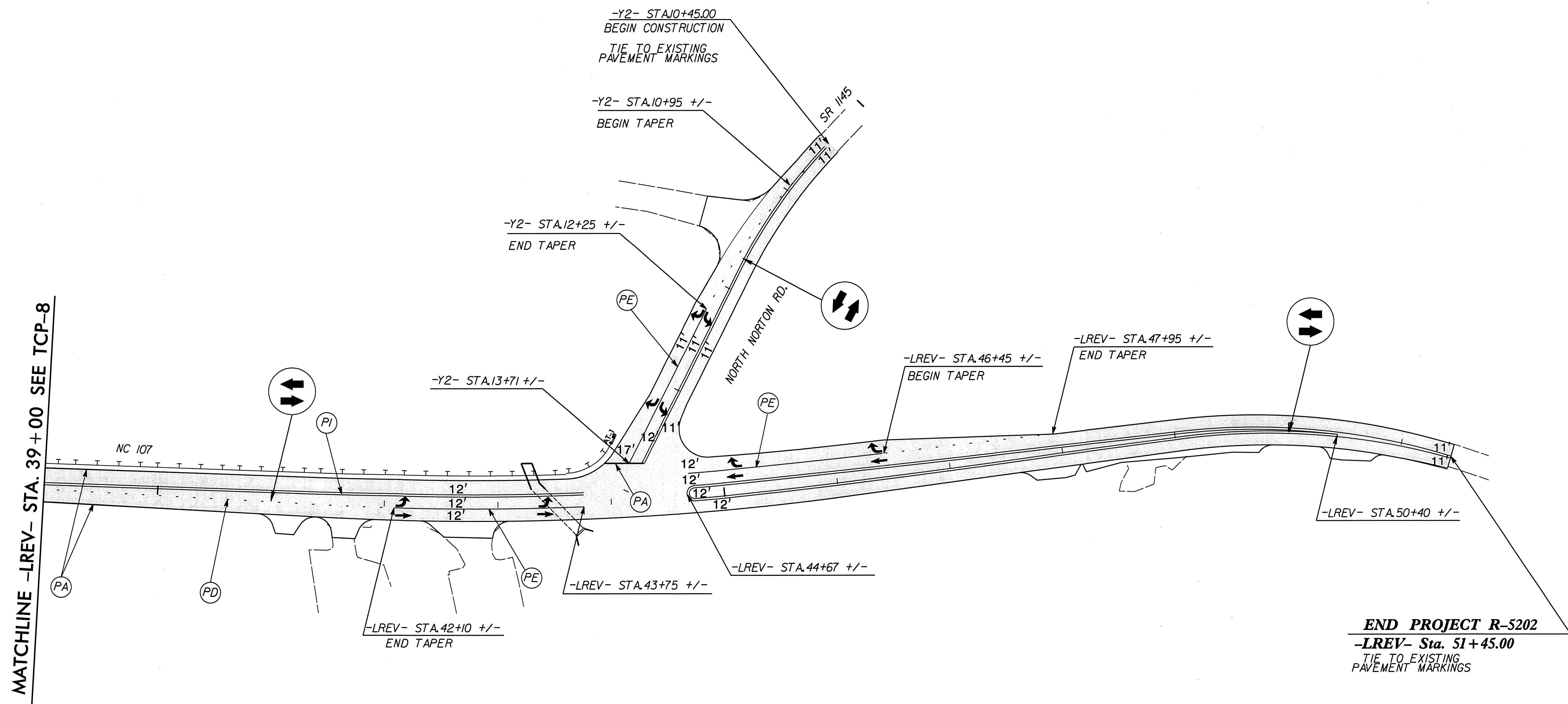
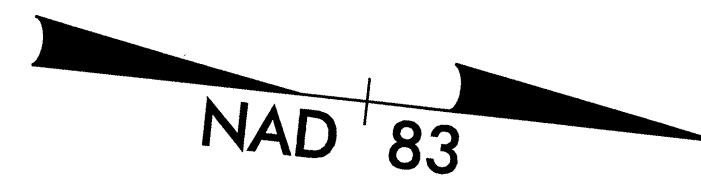
PLANS PREPARED BY :
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FOR
DIVISION OF HIGHWAYS

SEAL

R. Kahl 12/21/09

PHASE II - DETAIL

SCALE: NONE		REVISIONS
DATE: 3-19-07		
DWG. BY: LAT		
DESIGN BY: MAC		
REVIEWED BY: BKS		
CADD FILE	tcp_tcp008.dgn	



END PROJECT R-5202
-LREV- Sta. 51+45.00
 TIE TO EXISTING PAVEMENT MARKINGS

REFER TO SHEETS TCP-2, TCP-3, ROADWAY STANDARD
 DRAWING NO. 1101.02 SHEET 1 OF 9, 1205.01, 1205.02,
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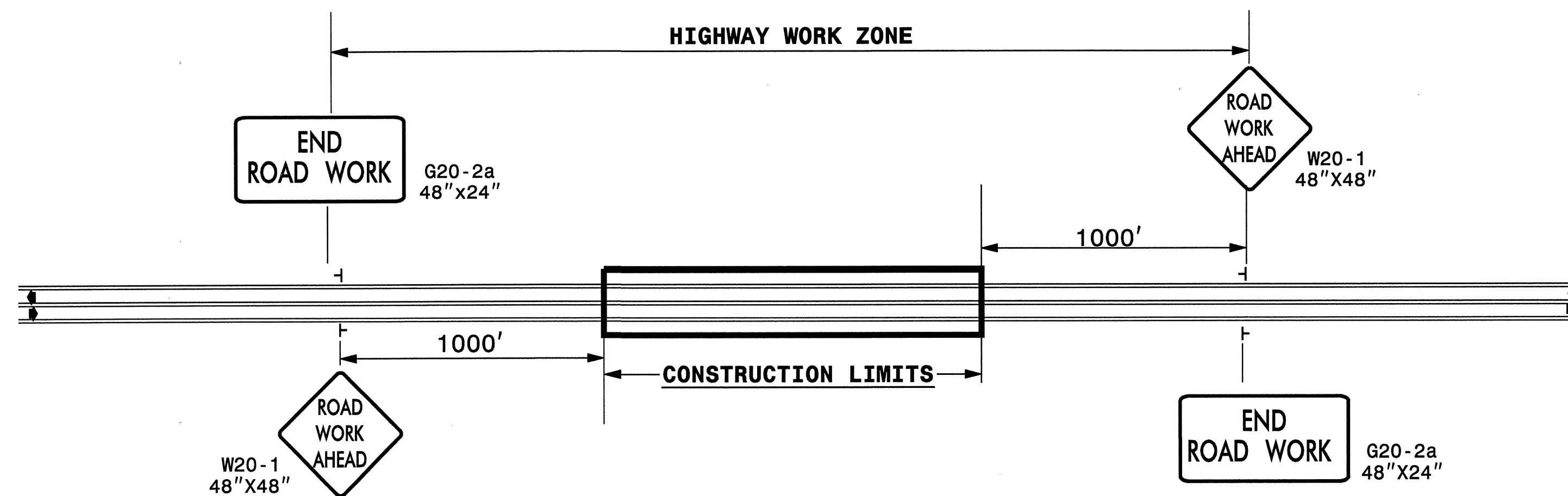
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 12/21/09
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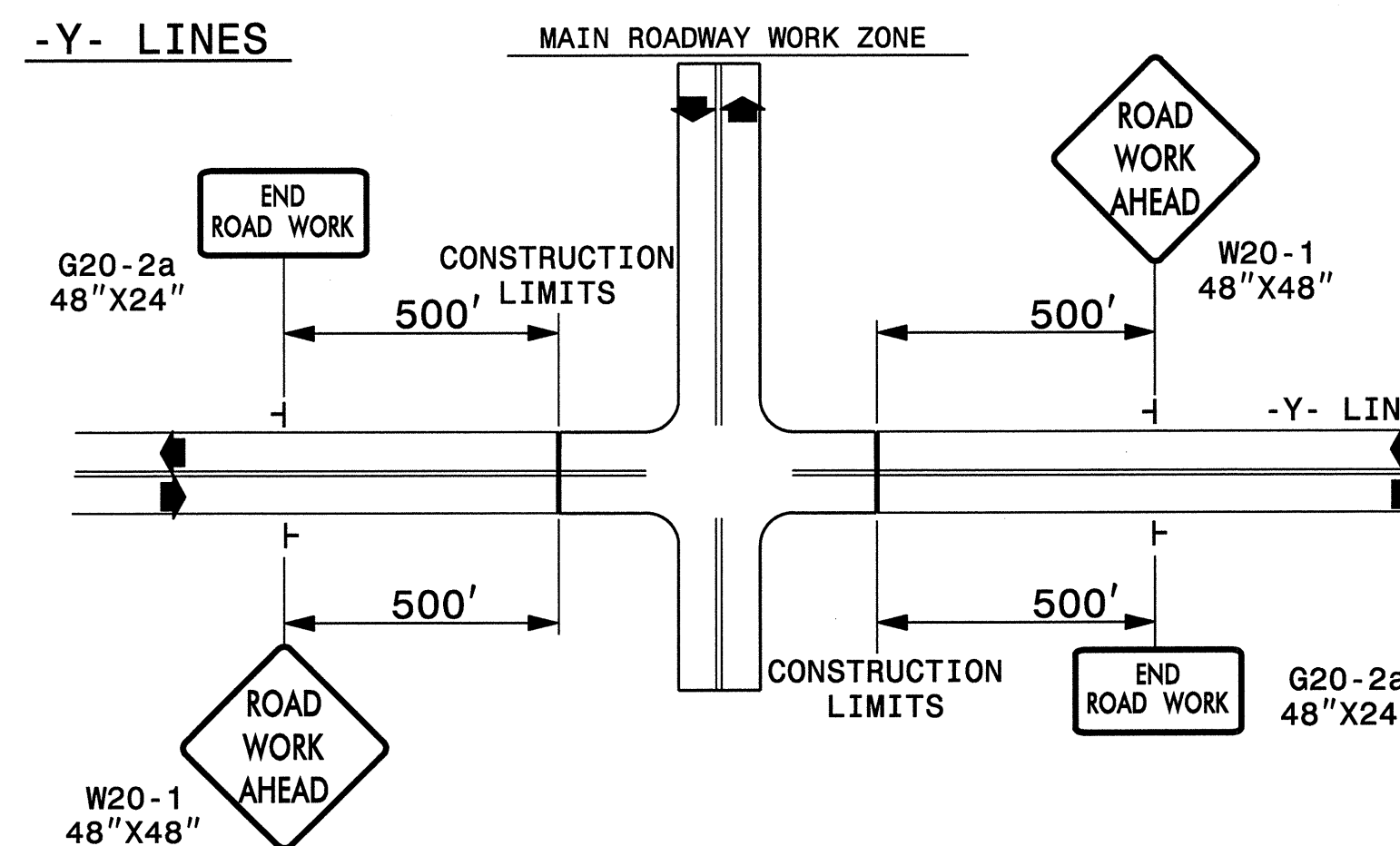
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SCALE: NONE		REVISIONS
DATE: 3/2007		
DWG. BY: MAC		
DESIGN BY: MAC		
REVIEWED BY: BKS		
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TWO-WAY UNDIVIDED ** (L-LINES)



STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

ROADWAYS INTERSECTING ALONG 2 WAY UNDIVIDED WORK ZONE (Y-LINES)



DETAIL DRAWING FOR
TWO-WAY UNDIVIDED
WORK ZONE WARNING SIGNS

GENERAL NOTES

- USE FLUORESCENT ORANGE SHEETING (TYPE VII OR HIGHER) ON ALL ADVANCED WORK ZONE SIGNS.
- DO NOT INSTALL ADVANCE WARNING SIGNS MORE THAN 3 DAYS PRIOR TO BEGINNING OF WORK.
- SIGNS SHOWN ARE REQUIRED FOR WORK ZONES THAT WILL REMAIN IN EFFECT OVERNIGHT. FOR SHORT-TERM DAILY MAINTENANCE TYPE OPERATIONS, THIS SIGNING APPLICATION IS OPTIONAL; MAY USE ONLY APPLICABLE ROADWAY STANDARD DRAWINGS INSTEAD. HOWEVER, IF THIS SIGNING APPLICATION IS USED, SIGNS MAY BE PORTABLE MOUNTED.
- ALL SIGN SPACING DIMENSIONS ARE APPROXIMATE, FIELD ADJUST AS NECESSARY OR AS DIRECTED.
- USE 3LB STEEL U-CHANNEL POST OR 4" X 4" WOOD POST FOR ALL WORK ZONE SIGNS. 3LB STEEL U-CHANNEL POSTS MUST MEET THE REQUIREMENTS OF STANDARD SPECIFICATION SECTION 1094-1(B), MAY BE GALVANIZED STEEL, OR MAY BE PAINTED GREEN BY THE POST MANUFACTURER. SQUARE STEEL TUBING POSTS HAVING EQUIVALENT STRENGTH OF THE 3 LB STEEL U-CHANNEL POST ARE ALSO ACCEPTABLE FOR USE. ERECT SIGNS PER ROADWAY STANDARD DRAWING 1110.01. PAYMENT FOR WOOD POSTS, 3LB STEEL U-CHANNEL AND SQUARE STEEL TUBING POSTS WITH SIGNS WILL BE MADE ACCORDING TO STANDARD SPECIFICATION "WORK ZONE SIGNS" SECTION 1110.
- WHEN NECESSARY, USE SPLICING IN ACCORDANCE WITH ROADWAY STANDARD DRAWING NO. 1110.01. REMOVE ENTIRE POST WHEN REMOVING SIGNS WITH SPLICED POSTS.
- DO NOT BACK BRACE SIGN SUPPORTS.
- ** TWO-WAY UNDIVIDED ADVANCE WARNING SIGN CONFIGURATION MAY BE USED ON URBAN MULTI-LANE FACILITIES WHERE CONDITIONS LIMIT THE USE OF DUAL MOUNTED SIGNS AS DETERMINED BY THE ENGINEER.

REFER TO SHEETS TCP-2, TCP-3, TCP-11 AND ROADWAY STANDARD DRAWING NO. 1101.02 SHEET 1 OF 9.

LEGEND

- ┆ STATIONARY SIGN
- ◄ DIRECTION OF TRAFFIC FLOW

SHEET 1 OF 1

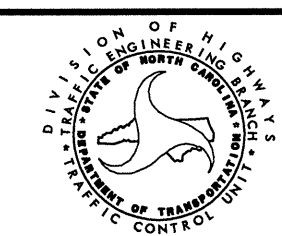
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12/21/09

DETAIL DRAWING FOR TWO-WAY UNDIVIDED AND URBAN FREEWAYS ADVANCED WORK ZONE WARNING SIGNS

SCALE: NONE
DATE: 03-07
DWG. BY: MAC
DESIGN BY: MAC
REVIEWED BY: BKS



REVISIONS	
7-98	10/01
10-98	03/04
01/01	11/04
CADD FILE	