

TIP PROJECT: B-4231

CONTRACT:

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

**PLAN FOR PROPOSED
TRAFFIC CONTROL, MARKING & DELINEATION**

PITT COUNTY

STATE PROJECT REFERENCE NO.		SHEET NO.
B-4231		TCP-1
STATE WBS NO.	F.A. PROJ. NO.	DESCRIPTION
33574.1.1	BRSTP-102(2)	PE

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
1101.04	TEMPORARY SHOULDER CLOSURES
1101.05	WORK ZONE VEHICLE ACCESSES
1101.11	TRAFFIC CONTROL DESIGN TABLES
1110.01	STATIONARY WORK ZONE SIGNS
1110.02	PORTABLE WORK ZONE SIGNS
1130.01	DRUM
1135.01	CONES
1145.01	BARRICADES
1150.01	FLAGGERS
1205.01	PAVEMENT MARKINGS - LINE TYPES & OFFSETS
1205.02	PAVEMENT MARKINGS - UNDIVIDED MULTI-LANE, TWO-WAY ROADWAYS
1205.04	PAVEMENT MARKINGS - SIGNALIZED/NON-SIGNALIZED INTERSECTIONS
1205.08	PAVEMENT MARKINGS - SYMBOLS AND WORD MESSAGES
1205.11	PAVEMENT MARKINGS - RAILROAD CROSSINGS
1205.12	PAVEMENT MARKINGS - BRIDGES
1250.01	PAVEMENT MARKER SPACING
1251.01	RAISED PAVEMENT MARKERS (TEMPORARY & PERMANENT)
1261.02	GUARDRAIL & BARRIER DELINEATOR TYPES
1262.01	GUARDRAIL END DELINEATION

INDEX OF SHEETS

SHEET NO.	TITLE
TCP-1	LIST OF APPLICABLE ROADWAY STANDARD DRAWINGS, LEGEND, TEMP. PAVEMENT MARKING SCHEDULE AND INDEX OF SHEETS
TCP-2	PROJECT NOTES
TCP-3	PHASING
TCP-4	PHASE I
TCP-5 & TCP-6	PHASE II AND NC 102 DETOUR
TCP-7	DETAIL DRAWING FOR TWO-WAY UNDIVIDED WORK ZONE WARNING SIGNS
TCP-8	THERMOPLASTIC RUMBLE STRIP PLACEMENT
PM-1	FINAL PAVEMENT MARKING SCHEDULE
PM-2	FINAL PAVEMENT MARKING PLANS

LEGEND

GENERAL

- DIRECTION OF TRAFFIC FLOW
- NORTH ARROW
- PROPOSED PVMT. EXIST. PVMT.
- WORK AREA
- REMOVAL OF EXISTING PAVEMENT

TRAFFIC CONTROL DEVICES

- TYPE I BARRICADE
- TYPE II BARRICADE
- TYPE III BARRICADE
- CONE
- DRUM
- FLASHING ARROW PANEL (TYPE C)
- TYPE 'B' WARNING LIGHT
- STATIONARY SIGN
- PORTABLE SIGN
- STATIONARY OR PORTABLE SIGN
- WARNING FLAGS
- CRASH CUSHION
- CHANGEABLE MESSAGE SIGN
- TRUCK MOUNTED IMPACT ATTENUATOR (TMIA)
- POLICE
- FLAGGER

PAVEMENT MARKINGS

- CRYSTAL/CRYSTAL PAVEMENT MARKER
- YELLOW/YELLOW PAVEMENT MARKER
- CRYSTAL/RED PAVEMENT MARKER
- PAVEMENT MARKING SYMBOLS

TEMP. PAVEMENT MARKING SCHEDULE

SYMBOL	DESCRIPTION	QUANTITY BREAKDOWN	TOTAL QUANTITY
PAVEMENT MARKING LINES			
PAINT(4")			
PA	WHITE EDGELINE (1X)	36854 LF	
PD	2 FT. WHITE MINISKIP (1X)	27 LF	
PE	WHITE SOLID LANE LINE (1X)	300 LF	
PI	YELLOW DOUBLE CENTER (1X)	44036 LF	
		TOTAL	81217 LF
PX	WHITE CROSSWALK LINE (1X)	240 LF	
		TOTAL	240 LF
P3	WHITE LINE, RR X (1X)	80 LF	
		TOTAL	80 LF
P4	WHITE STOPBAR (1X)	216 LF	
		TOTAL	216 LF
PAINT MARKING SYMBOLS			
QA	LEFT TURN ARROW (1X)	4 EA	
QE	COMBO. STRAIGHT/RIGHT (1X)	4 EA	
		TOTAL	8 EA
PAINT MARKING CHARACTERS			
QI	ALPHANUMERIC CHAR. (1X)	4 EA	
		TOTAL	4 EA
THERMOPLASTIC RUMBLE STRIP (4", 240 MILS)			
T4-E	WHITE RUMBLE STRIP	230 LF	
		TOTAL	230 LF

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

PLAN REVIEWED BY: N.C.D.O.T. WORK ZONE TRAFFIC CONTROL UNIT	APPROVED: DATE: 11-6-07	PLAN PREPARED FOR N.C.D.O.T. BY: SEPI ENGINEERING GROUP
J. STUART BOURNE, PE TRAFFIC CONTROL ENGINEER J. STEVE KITE, PE TRAFFIC CONTROL PROJECT ENGINEER JESSICA D. KUSE, PE TRAFFIC CONTROL PROJECT DESIGN ENGINEER DAVID W. BISSETTE, PE TRAFFIC CONTROL DESIGN ENGINEER	SEAL 	S. L. SCOTT, PE PROJECT ENGINEER R. L. WEBBER DESIGN ENGINEER

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.

TIME RESTRICTIONS

- A) DO NOT CLOSE OR NARROW TRAVEL LANES AS FOLLOWS:
- | ROAD NAME | DAY AND TIME RESTRICTIONS |
|-----------|--|
| LEE ST | MON. THRU FRI.
7:00AM - 8:30AM
4:30PM - 6:00PM |
- B) DO NOT CLOSE OR NARROW TRAVEL LANES DURING HOLIDAYS AND SPECIAL EVENTS AS FOLLOWS:
- | ROAD NAME | HOLIDAY |
|-----------|---------|
| LEE ST | HOLIDAY |
1. FOR ANY UNEXPECTED OCCURRENCE THAT CREATES UNUSUALLY HIGH TRAFFIC VOLUMES, AS DIRECTED BY THE ENGINEER.

LANE AND 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 WITHIN 15 FT OF AN AN OPEN TRAVEL LANE, CLOSE THE NEAREST OPEN SHOULDER USING ROADWAY STANDARD DRAWING NO. 1101.04 UNLESS THE WORK AREA IS PROTECTED BY BARRIER OR GUARDRAIL OR A LANE CLOSURE IS INSTALLED.
- E) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING ON THE SHOULDER ADJACENT TO AN UNDIVIDED FACILITY AND WITHIN 5 FT 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.
- WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING ON THE SHOULDER ADJACENT TO A DIVIDED FACILITY AND WITHIN 10 FT 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.
- F) 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.
- G) DO NOT WORK SIMULTANEOUSLY WITHIN 15 FT ON BOTH SIDES OF AN OPEN TRAVELWAY, RAMP OR LOOP WITHIN THE SAME LOCATION UNLESS PROTECTED WITH GUARDRAIL OR BARRIER.

PAVEMENT EDGE DROP OFF REQUIREMENTS

- H) BACKFILL AT A 6:1 SLOPE UP TO THE EDGE AND ELEVATION OF EXISTING PAVEMENT IN AREAS ADJACENT TO AN OPENED TRAVEL LANE THAT HAS AN EDGE OF PAVEMENT DROP-OFF AS FOLLOWS:
- BACKFILL DROP-OFFS THAT EXCEED 2 INCHES ON ROADWAYS WITH POSTED SPEED LIMITS OF 45 MPH OR GREATER.

BACKFILL DROP-OFFS THAT EXCEED 3 INCHES ON ROADWAYS WITH POSTED SPEED LIMITS LESS THAN 45 MPH.

BACKFILL WITH SUITABLE COMPACTED MATERIAL, AS APPROVED BY THE ENGINEER, AT NO EXPENSE TO THE DEPARTMENT.

- I) DO NOT EXCEED A DIFFERENCE OF 2 INCHES IN ELEVATION BETWEEN OPEN LANES OF TRAFFIC FOR NOMINAL LIFTS OF 1.5 INCHES. INSTALL ADVANCE WARNING "UNEVEN LANES" SIGNS (W8-11) 500 IN ADVANCE AND A MINIMUM OF EVERY HALF MILE THROUGHOUT THE UNEVEN AREA.

TRAFFIC PATTERN ALTERATIONS

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

SIGNING

- K) 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.
- L) STATE FORCES WILL BE RESPONSIBLE FOR PERMANENT SIGNING.
- M) PROVIDE DETOUR SIGNING WITHIN AND OFF THE PROJECT LIMITS.
- N) COVER OR REMOVE ALL DETOUR SIGNS WITHIN AND OFF THE PROJECT LIMITS WHEN A DETOUR IS NOT IN OPERATION.
- O) ENSURE ALL NECESSARY SIGNING IS IN PLACE PRIOR TO ALTERING ANY TRAFFIC PATTERN.
- P) INSTALL BLACK ON ORANGE "DIP" SIGNS (W8-2) AND/OR "BUMP" SIGNS (W8-1) 500 IN ADVANCE OF THE UNEVEN AREA, OR AS DIRECTED BY THE ENGINEER.

TRAFFIC CONTROL DEVICES

- Q) SPACE CHANNELIZING DEVICES IN WORK AREAS NO GREATER THAN TWICE THE POSTED SPEED LIMIT (MPH), EXCEPT 10 FT ON-CENTER IN RADII, AND 3 FT OFF THE EDGE OF AN OPEN TRAVELWAY, WHEN LANE CLOSURES ARE NOT IN EFFECT. WHEN SKINNY DRUMS ARE ALLOWED, REFER TO SECTION 1180 OF STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES OR AS SHOWN IN THE PLANS.
- R) PLACE TYPE III BARRICADES, WITH "ROAD CLOSED" SIGN R11-2 ATTACHED, OF SUFFICIENT LENGTH TO CLOSE ENTIRE ROADWAY.

PAVEMENT MARKINGS AND MARKERS

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

ROAD NAME	MARKING	MARKER
NC 102	THERMOPLASTIC	PERMANENT RAISED
NC 102 (STRUCTURE)	COLD APPLIED PLASTIC	PERMANENT RAISED
LEE ST	PAINT	PERMANENT RAISED
HINES DR	PAINT	PERMANENT RAISED
AYDEN GOLF CLUB RD	PAINT	PERMANENT RAISED

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

ROAD NAME	MARKING	MARKER
LEE ST	PAINT	N/A
HINES DR	PAINT	N/A
AYDEN GOLF CLUB RD	PAINT	N/A

- U) PLACE TWO APPLICATIONS OF PAINT PAVEMENT MARKINGS ON THE FINAL WEARING SURFACE. PLACE THE SECOND APPLICATION OF PAINT UPON SUFFICIENT DRYING TIME OF THE FIRST.

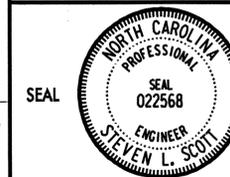
- V) PLACE ONE APPLICATION OF PAINT FOR TEMPORARY TRAFFIC PATTERNS. PLACE A SECOND APPLICATION OF PAINT SIX (6) MONTHS AFTER THE INITIAL APPLICATION AND EVERY SIX MONTHS AS DIRECTED BY THE ENGINEER.
- W) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.
- X) REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKINGS AND MARKERS BY THE END OF EACH DAY'S OPERATION.

LOCAL NOTE

THE FOLLOWING LOCAL NOTE APPLYS ONLY DURING THE TIMES IT IS REFERNCED IN THE PLANS.

- 1) SHEET TCP-7, "DETAIL DRAWING FOR TWO-WAY UNDIVIDED WORK ZONE WARNING SIGNS", IS TO BE USED WHILE MAKING IMPROVEMENTS TO LEE ST, HINES DRIVE EXTENTION AND AYDEN GOLF CLUB RD. FOR USE AS PROPOSED DETOUR.
- 2) THE SIGNAL TIMING FOR THE SIGNALS ON LEE ST. WILL BE REVIEWED BY DIVISION UPON IMPLEMENTATION OF DETOUR AND ADJUSTED AS NEEDED.

APPROVED:  DATE: 10/26/07



PROJECT NOTES

SCALE: NONE	REVISIONS
DATE: 10/26	
DWG. BY: RCD	
DESIGN BY: RLW	
REVIEWED BY: SLS	

PHASING

PHASE I

- STEP 1. INSTALL ADVANCE WARNING CONSTRUCTION SIGNING FOR DETOUR ROUTE IMPROVEMENTS. SEE LOCAL NOTE NO. 1, TCP-2 AND TCP-6.
- STEP 2. USING RDWY STD 1101.02, SHEET 1 OF 9, AND TCP-4 CONSTRUCT PROPOSED IMPROVEMENTS TO THE DETOUR ROUTE UP THRU THE FINAL SURFACE COURSE AND INSTALL PAVEMENT MARKING (PAINT) AND PERMANENT RAISED PAVEMENT MARKERS AS FOLLOWS:
- A.) - CONSTRUCT THE WIDENING AND RESURFACING OF SR 1122 (HINES DR.) BEGINNING AT LEE ST. AND WORKING TOWARD AYDEN GOLF CLUB RD. (THE INSTALLATION OF THE RAILROAD GATES AND SIGNALS AT HINES DR. AND THE CSX RAILROAD CROSSING IS TO BE DONE BY OTHERS.) SEE RDWY STD 1205.11 FOR RAILROAD CROSSING PAVEMENT MARKING.
 - NOTE: TRAFFIC IS NOT TO BE PLACED ON THE DETOUR UNTIL THE RAILROAD GATES AND SIGNALS ARE OPERATIONAL AS DIRECTED BY THE ENGINEER.
 - B.) - SR 1723 (AYDEN GOLF CLUB RD.) WIDENING AND RESURFACING
 - SR 1149 (LEE ST.) RESURFACING. REPLACE PAVEMENT MARKING IN EXISTING PATTERN.
- STEP 3. INSTALL TEMPORARY DETOUR SIGNS. SEE TCP-5 AND TCP-6.

PHASE II

- STEP 1. 14 DAYS IN ADVANCE OF CLOSING NC 102 INSTALL CMS SIGN AS SHOWN ON TCP-5 AND DISPLAY THE MESSAGE "NC 102 WILL BE CLOSED" AND "FROM (MONTH AND DAY) TO (MONTH AND DAY)".
- STEP 2. - USING RDWY STD 1101.02, SHEET 1 OF 9, INSTALL RUMBLE STRIPS ON THE WEST BOUND LANE OF NC 102 APPROACHING AYDEN GOLF CLUB RD. SEE TCP-8.
- USING RDWY STD 1101.03, SHEET 1 OF 9, TCP-5 AND TCP-8, CLOSE NC 102 BETWEEN AYDEN GOLF CLUB RD AND LEE ST. AND DETOUR TRAFFIC ALONG LEE ST., HINES DR. AND AYDEN GOLF CLUB RD. SEE LOCAL NOTE NO. 2 ON TCP-2
- STEP 3. CONSTRUCT PROPOSED BRIDGE AND APPROACHES OVER SWIFT CREEK UP THRU THE FINAL SURFACE COURSE FROM -L- STA. 18+50+/- TO -L- STA. 26+50+/-.
- STEP 4. INSTALL FINAL PAVEMENT MARKING AND MARKERS.
- STEP 5. REMOVE DETOUR SIGNING AND OPEN -L- (NC102) TO TWO-LANE TWO-WAY TRAFFIC.

SEPI ENGINEERING GROUP
 1025 Wade Avenue
 Raleigh, NC 27605
 Tel: 919-789-9977
 Fax: 919-789-9591

APPROVED: *[Signature]* DATE: 10/26/02

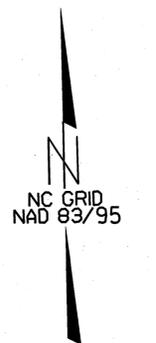
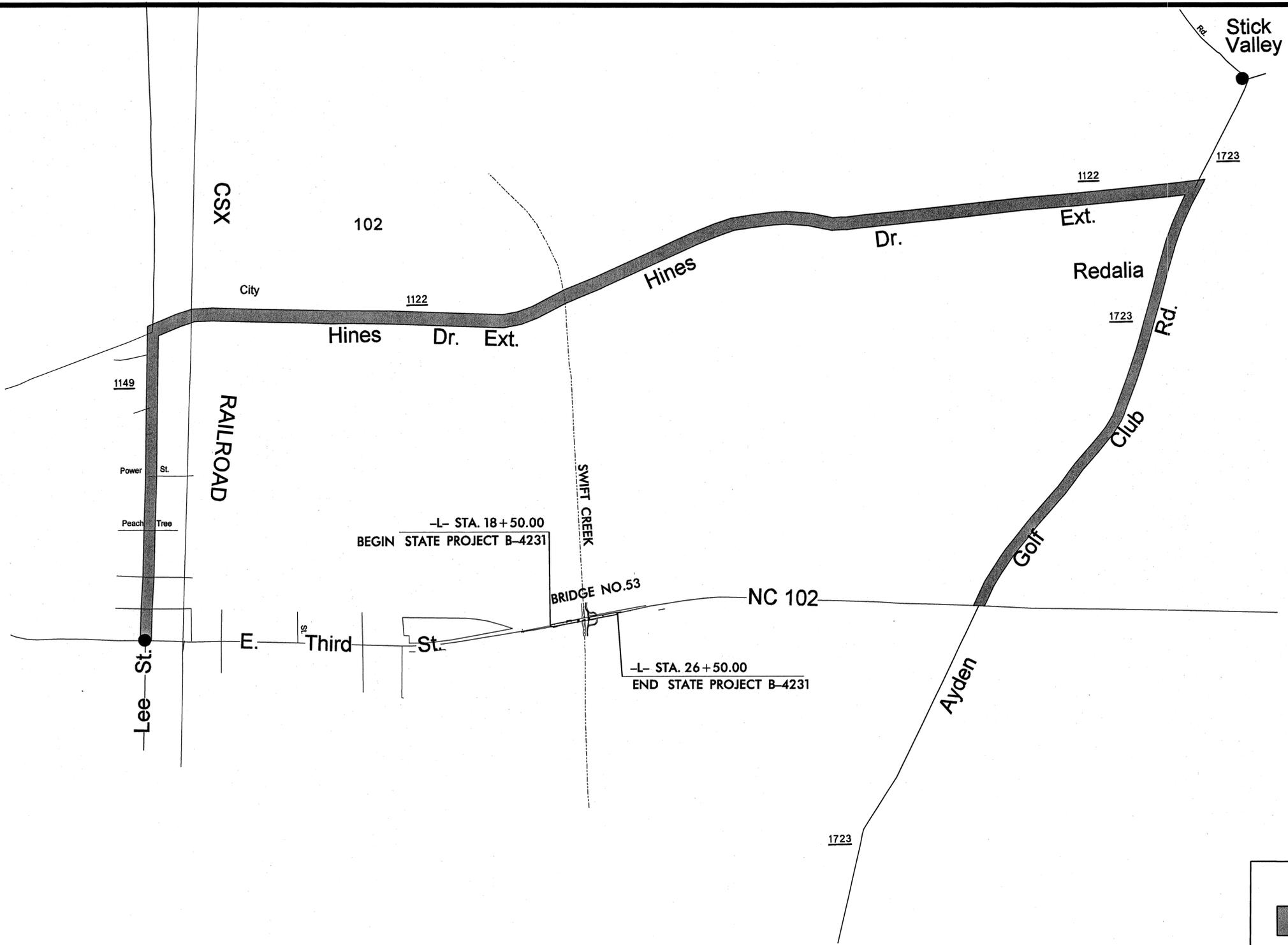
SEAL



PHASING

SCALE: NONE		REVISIONS
DATE: 10/26		
DWG. BY: RCD		
DESIGN BY: RLW		
REVIEWED BY: SLS		

CADD FILE



LEGEND

CONSTRUCTION AREA (DETOUR IMPROVEMENTS)

SEE RDWY STD. 1101.02, SHEETS 1 AND 2 OF 9 FOR ADDITIONAL SIGNS

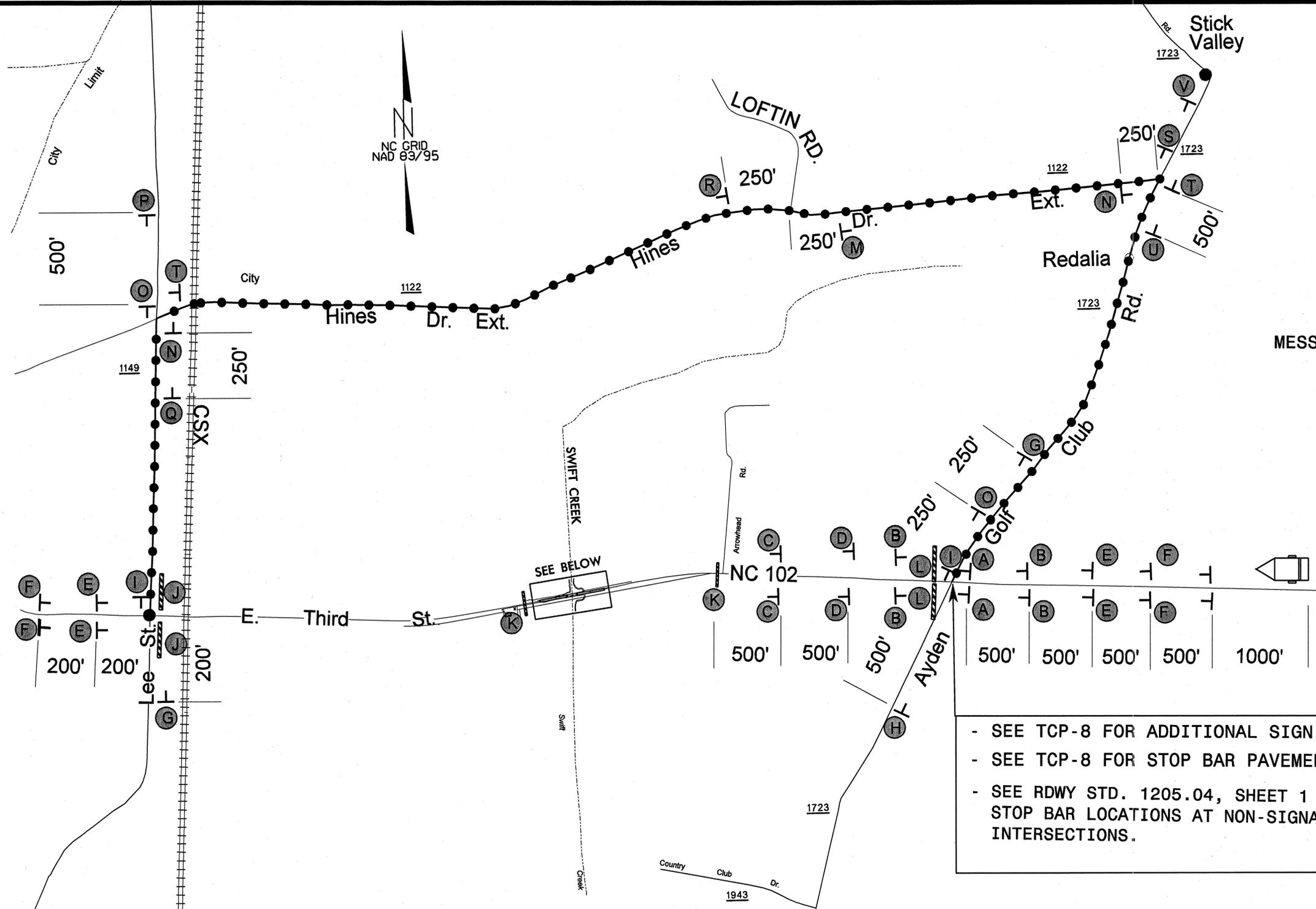
SSEPI ENGINEERING GROUP
 1025 Wade Avenue
 Raleigh, NC 27605
 Tel: 919-789-9977 Fax: 919-789-9591

APPROVED: DATE: 1/15/02

SEAL

PHASE I

SCALE: NONE		REVISIONS
DATE: 10-26		
DWG. BY: RCD		
DESIGN BY: RLW		
REVIEWED BY: SLS		



MESSAGE 14 DAYS PRIOR TO CLOSING NC 102

MESSAGE NO. 1	MESSAGE NO. 2
NC 102 WILL BE CLOSED	XX-XX UNTIL XX-XX

CHANGEABLE MESSAGE SIGN

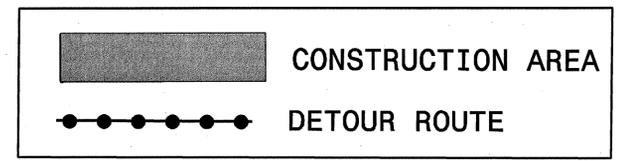
MESSAGE DURING CLOSURE OF NC 102

MESSAGE NO. 1	MESSAGE NO. 2
PREPARE TO STOP	DETOUR AHEAD

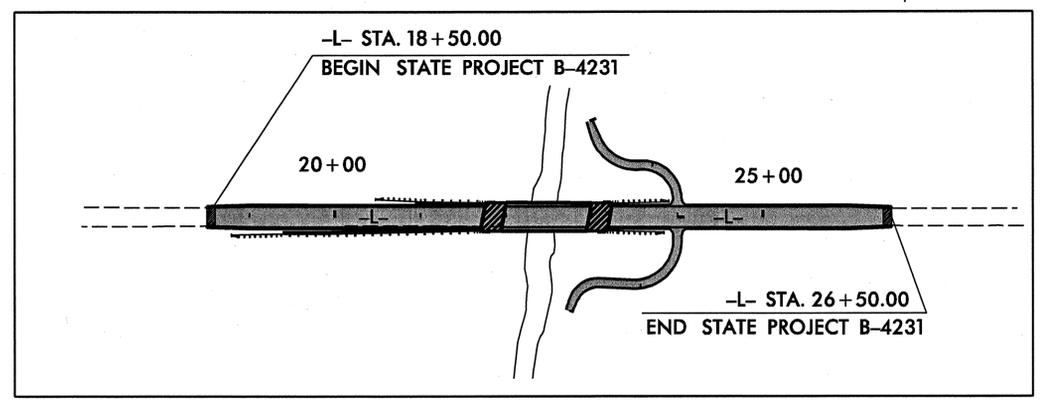
CHANGEABLE MESSAGE SIGN

- SEE TCP-8 FOR ADDITIONAL SIGN PLACEMENT
- SEE TCP-8 FOR STOP BAR PAVEMENT MARKING
- SEE RDWY STD. 1205.04, SHEET 1 OF 2 FOR STOP BAR LOCATIONS AT NON-SIGNALIZED INTERSECTIONS.

LEGEND



SEE RDWY STD. 1101.03, SHEETS 1 AND 2 OF 9 FOR ADDITIONAL INFORMATION AND SIGN PLACEMENT.

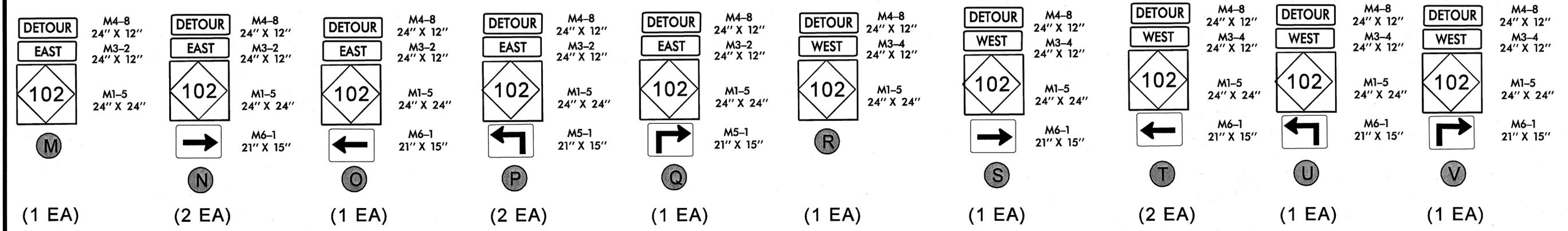
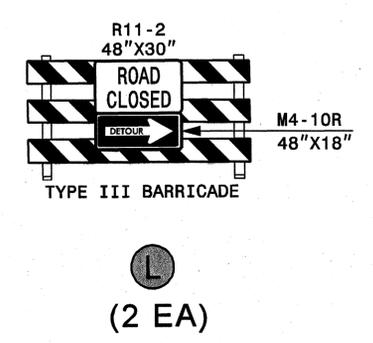
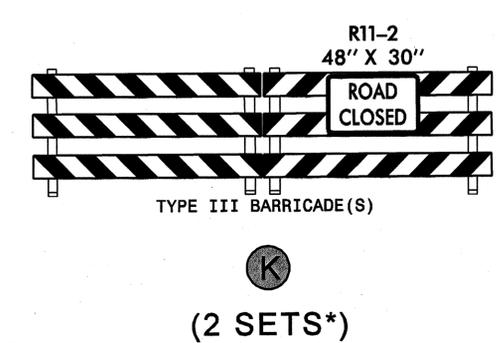
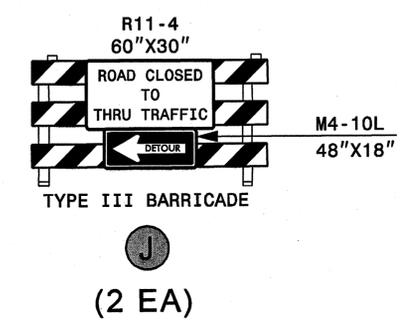
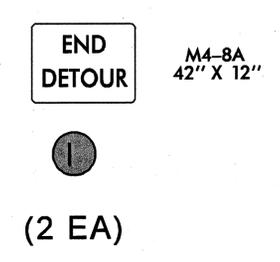
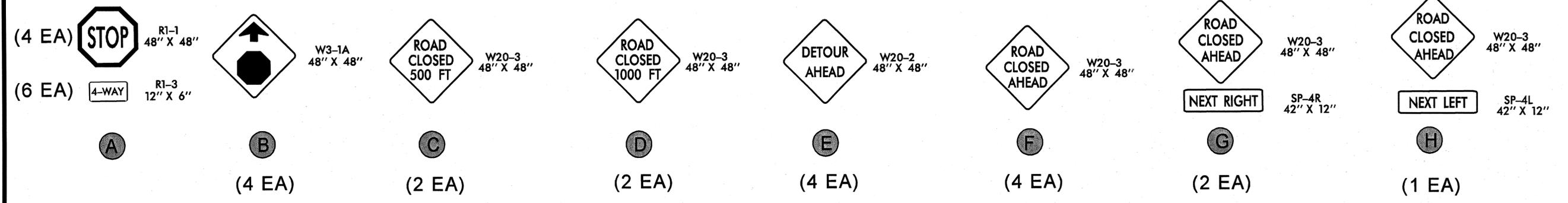


SEPI ENGINEERING GROUP
1025 Wade Avenue
Raleigh, NC 27605
Tel: 919-789-9677
Fax: 919-789-9591

APPROVED: [Signature] DATE: 11/5/02
SEAL
NORTH CAROLINA PROFESSIONAL ENGINEER
SEAL 022568
STEVEN L. SCOTT

**PHASE II
NC 102 DETOUR**

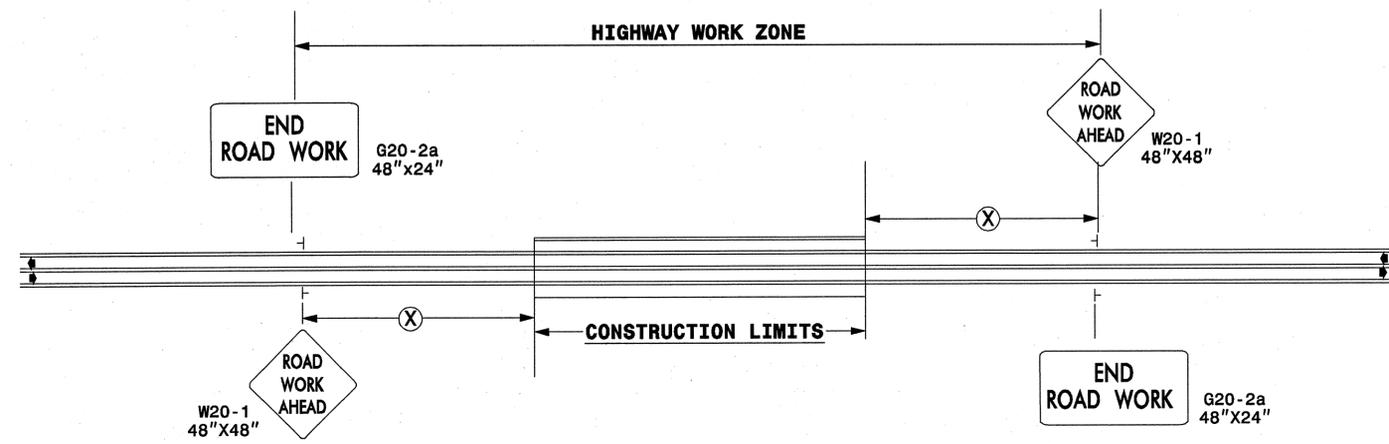
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DATE: 10-26		
DWG. BY: RCD		
DESIGN BY: RCD		
REVIEWED BY: SLS		



* BARRICADES USED TO CLOSE A ROADWAY SHALL EXTEND ACROSS THE ENTIRE ROADWAY. WHERE LOCAL TRAFFIC MUST BE MAINTAINED, THEY MAY BE PLACED IN A STAGGERED POSITION.

 1025 Wade Avenue Raleigh, NC 27605 Tel: 919-789-9977 Fax: 919-789-9591	APPROVED: DATE: 4/5/02	PHASE II NC 102 DETOUR							
	SEAL 	SCALE: NONE DATE: 10-26 DWG. BY: RCD DESIGN BY: RLW REVIEWED BY: SLS		REVISIONS <table border="1"> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </table>					

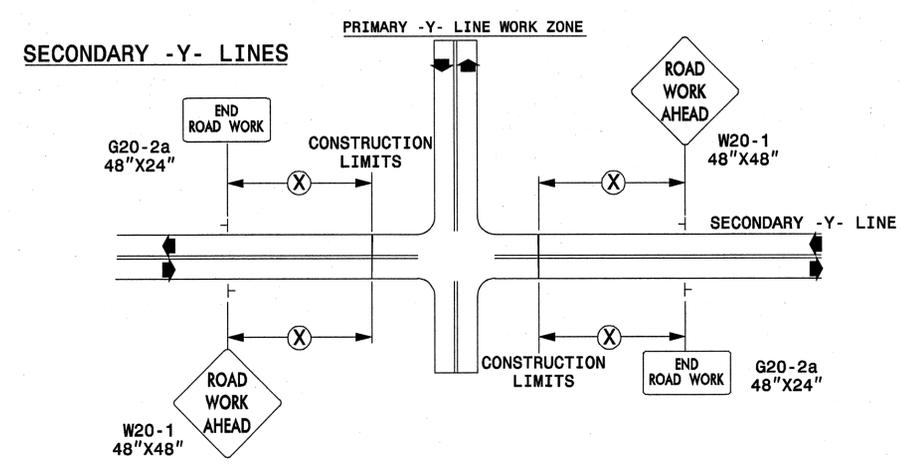
TWO-WAY UNDIVIDED ** (PRIMARY -Y- LINES)



POSTED SPEED LIMIT (M.P.H.)	RECOMMENDED MINIMUM SIGN SPACING
≤ 50	500'
≥ 55	1000'

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

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



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.

LEGEND

┆ STATIONARY SIGN

◀ DIRECTION OF TRAFFIC FLOW

**DETAIL DRAWING FOR
TWO-WAY UNDIVIDED
WORK ZONE WARNING SIGNS**

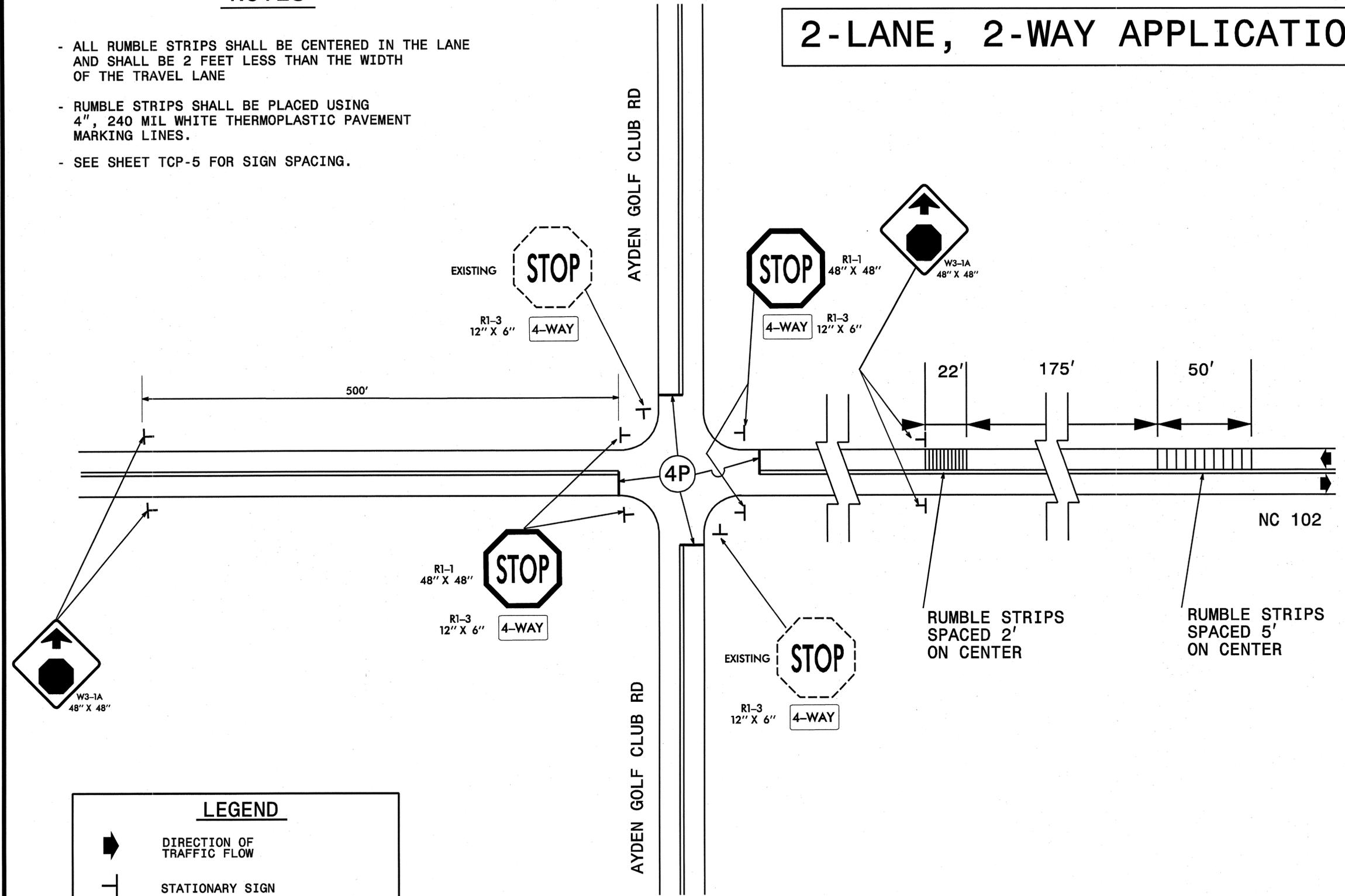
SHEET 1 OF 1

APPROVED: <i>Jessica Kuse</i> DATE: 11/5/07	DETAIL DRAWING FOR TWO-WAY UNDIVIDED AND URBAN FREEWAYS ADVANCED WORK ZONE WARNING SIGNS									
	SCALE: NONE									
	DATE:	<table border="1"> <tr> <th colspan="2">REVISIONS</th> </tr> <tr> <td>7-98</td> <td>10/01</td> </tr> <tr> <td>10-98</td> <td>03/04</td> </tr> <tr> <td>01/01</td> <td>11/04</td> </tr> </table>	REVISIONS		7-98	10/01	10-98	03/04	01/01	11/04
	REVISIONS									
	7-98	10/01								
10-98	03/04									
01/01	11/04									
DWG. BY:	CAPO FILE									
DESIGN BY:										
REVIEWED BY:										

NOTES

- ALL RUMBLE STRIPS SHALL BE CENTERED IN THE LANE AND SHALL BE 2 FEET LESS THAN THE WIDTH OF THE TRAVEL LANE
- RUMBLE STRIPS SHALL BE PLACED USING 4", 240 MIL WHITE THERMOPLASTIC MARKING LINES.
- SEE SHEET TCP-5 FOR SIGN SPACING.

2-LANE, 2-WAY APPLICATION



LEGEND

- DIRECTION OF TRAFFIC FLOW
- STATIONARY SIGN
- WHITE RUMBLE STRIPS 4" WIDE, 240MILS THERMOPLASTIC

APPROVED: DATE: 11/5/07	THERMOPLASTIC RUMBLE STRIP PLACEMENT	
	SCALE: NONE	
	DATE: 10-26	
	DWG. BY: RLW	
	DESIGN BY: RLW	
REVIEWED BY: SLS	REVISIONS	