STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

TATE	PROJECT REFERENCE NO.	SHEET NO.
	B-2848	TCP-1

PLAN FOR PROPOSED TRAFFIC CONTROL, MARKING & DELINEATION

PM-1

YANCEY & MITCHELL COUNTIES

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 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	DRUMS
1135.01	CONES
1145.01	BARRICADE
1150.01	FLAGGERS
1160.01	TEMPORARY CRASH CUSHION - REFLECTIVE END TREATMENT
1165.01	TRUCK MOUNTED IMPACT ATTENUATOR
1170.01	PORTABLE CONCRETE BARRIER
1205.01	PAVEMENT MARKINGS - LINE TYPES & OFFSETS
1205.02	PAVEMENT MARKINGS - 2 LANE & MULTILANE ROADWAYS
1205.04	PAVEMENT MARKINGS - INTERSECTIONS
1205.12	PAVEMENT MARKINGS - BRIDGES
1250.01	PAVEMENT MARKER SPACING
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

INDEX OF SHEETS

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TCP-8	DETAIL OF LANE CLOSURE USING TRAFFIC SIGNALS
TCP-9	DETAIL DRAWING FOR TWO-WAY UNDIVIDED WORK ZONE WARNING SIGNS

PAVEMENT MARKING SCHEDULE

100% TCP SUBMITTAL

LEGEND

GENERAL

DIRECTION OF TRAFFIC FLOW

NORTH ARROW

WORK AREA

REMOVAL OF EXISTING PAVEMENT

TRAFFIC CONTROL DEVICES

T TYPE I BARRICADE

I 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

PORTABLE TRAFFIC SIGNAL

PAVEMENT MARKINGS

CRYSTAL/CRYSTAL PAVEMENT MARKER

◆ YELLOW/YELLOW PAVEMENT MARKER

CRYSTAL/RED PAVEMENT MARKER

PAVEMENT MARKING SYMBOLS



Consulting Engineers North Corolling States 237-2796

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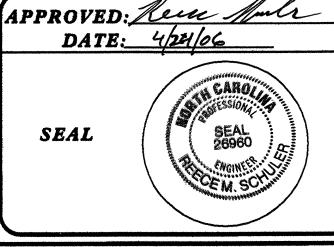
SCALE: NONE

DATE: MAR 2004

DWG. BY: SCS

DESIGN BY: RMS

REVIEWED BY: LDB



PLAN PREPARED FOR: N.C.D.O.T. TRAFFIC CONTROL, MARKING & DELINEATION SECTION

J. S. BOURNE, P.E. TRAFFIC CONTROL ENGINEER

J. S. KITE, P.E. TRAFFIC CONTROL PROJECT ENGINEER

J. D. KUSE, P.E. TRAFFIC CONTROL PROJECT DESIGN ENGINEER

D. A. HAYES, E.I. TRAFFIC CONTROL DESIGN ENGINEER / TECHNICIAN

GENERAL NOTES

ADAPT THE TRAFFIC CONTROL PLANS, WHEN DIRECTED BY THE ENGINEER, TO MEET FIELD CONDITIONS TO PROVIDE SAFÉ 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 UNDESIRED OVERLAPPING OF DEVICES. MODIFICATION 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.

TIME RESTRICTIONS

A) DO NOT STOP TRAFFIC FOR MORE THAN 30 MINUTES AS FOLLOWS:

ROAD NAME

OPERATION

SR 1304,1417

HANGING BRIDGE GIRDERS

LANE AND SHOULDER CLOSURE REQUIREMENTS

- B) 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.
- 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 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.
- DO NOT WORK SIMULTANEOUSLY, ON BOTH SIDES OF AN OPEN TRAVELWAY, WITHIN THE SAME LOCATION, ON A TWO-LANE, TWO-WAY ROAD.
- DO NOT PERFORM WORK INVOLVING HEAVY EQUIPMENT WITHIN 15 FT OF THE EDGE OF TRAVELWAY WHEN WORK IS BEING PERFORMED BEHIND A LANE CLOSURE ON THE OPPOSITE SIDE OF THE TRAVELWAY.
- DO NOT INSTALL MORE THAN ONE LANE CLOSURE, IN ANY ONE DIRECTION, ON SR 1340, SR 1304, SR 1417 OR SR 1320.

PAVEMENT EDGE DROP OFF REQUIREMENTS

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 A DROP-OFF AS FOLLOWS:

BACKFILL DROP-OFFS THAT EXCEED 2" ON ROADWAYS WITH POSTED SPEED LIMITS OF 45 MPH OR GREATER.

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

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

I) DO NOT EXCEED A DIFFERENCE OF $1\frac{1}{2}$ " IN ELEVATION BETWEEN OPEN LANES OF TRAFFIC. INSTALL ADVANCE WARNING "UNEVEN LANES" SIGNS (W8-11) 500 FT IN ADVANCE AND A MINIMUM OF ONCE EVERY MILE THROUGHOUT THE EVEN

TRAFFIC PATTERN ALTERATIONS

J) NOTIFY THE ENGINEER TWENTY ONE (21) CALANDER DAYS PRIOR TO ANY TRAFFIC PATTERN ALTERATIONS.

SIGNING

INSTALL ADVANCE WORK ZONE WARNING SIGNS WHEN WORK IS WITHIN 100 FT 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.

- L) STATE FORCES WILL BE RESPONSIBLE FOR PERMANENT SIGNING.
- M) PROVIDE DETOUR SIGNING OFF THE PROJECT LIMITS.
- COVER OR REMOVE ALL DETOUR SIGNS OFF THE PROJECT LIMITS WHEN A DETOUR IS NOT IN OPERATION.
- O) INSURE ALL NECESSARY SIGNING IS IN PLACE PRIOR TO ALTERING ANY TRAFFIC PATTERN.

TRAFFIC BARRIER

P) INSTALL PORTABLE CONCRETE BARRIER ACCORDING TO THE TRAFFIC CONTROL PLANS A MAXIMUM OF TWO (2) WEEKS PRIOR TO BEGINNING WORK IN ANY LOCATION. ONCE PORTABLE CONCRETE BARRIER IS INSTALLED AT ANY LOCATION. PROCEED IN A CONTINUOUS MANNER TO COMPLETE THE PROPOSED WORK IN THAT LOCATION UNLESS OTHERWISE STATED IN THE TRAFFIC CONTROL PLANS OR AS DIRECTED BY THE ENGINEER.

ONCE PORTABLE CONCRETE BARRIER IS INSTALLED AT ANY LOCATION AND NO WORK IS PERFORMED BEHIND THE PORTABLE CONCRETE BARRIER FOR A PERIOD LONGER THAN TWO (2) MONTHS, REMOVE PORTABLE CONCRETE BARRIER AT NO COST TO THE DEPARTMENT UNLESS OTHERWISE STATED IN THE TRAFFIC CONTROL PLANS, BARRIER IS PROTECTING A HAZARD, OR AS DIRECTED BY THE ENGINEER.

PROTECT THE APPROACH END OF PORTABLE CONCRETE BARRIER AT ALL TIMES DURING THE INSTALLATION AND REMOVAL OF THE BARRIER BY EITHER A TRUCK MOUNTED IMPACT ATTENUATOR (MAXIMUM 72 HOURS) OR A TEMPOARARY CRASH CUSHION.

OFFSET THE APPROACH END OF THE PORTABLE CONCRETE BARRIER A MINIMUM OF 40' FROM ONCOMING TRAFFIC OR PROTECT AT ALL TIMES BY A TEMPORARY CRASH CUSHION.

INSTALL PORTABLE CONCRETE BARRIER WITH THE TRAFFIC FLOW, BEGINNING WITH THE UPSTREAM SIDE OF TRAFFIC. REMOVE PORTABLE CONCRETE BARRIER AGAINST THE TRAFFIC FLOW, BEGINNING WITH THE DOWNSTREAM SIDE OF TRAFFIC.

INSTALL DRUMS NO GREATER THAN TWICE THE POSTED SPEED LIMIT (MPH) TO CLOSE OR KEEP CLOSED THE SECTION OF THE ROADWAY UNTIL THE BARRIER CAN BE PLACED OR AFTER BARRIER IS REMOVED.

TRAFFIC CONTROL DEVICES

- R) 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.
- 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.
- T) WHEN USING ROADWAY STANDARD NO. 1101.02, DRUMS MAY BE USED IN LIEU OF CONES ON SR 1340 AND SR 1417.

PAVEMENT MARKINGS AND MARKERS

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

MARKING	MARKER
PAINT	NONE
PAINT	NONE
PAINT	SNOWPLOWABLE
	PAINT PAINT

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

ROAD NAME SR 1304, 1417 MARKING PAINT

MARKER NONE

- PLACE AT LEAST TWO APPLICATIONS OF PAINT PAVEMENT MARKINGS ON THE FINAL WEARING SURFACE ON NEW ASPHALT PAVEMENT. PLACE ADDITIONAL APPLICATIONS OF PAINT UPON SUFFICIENT DRYING TIME, AS DETERMINED BY THE ENGINEER.
- X) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.
- Y) REPLACE ANY PAVEMENT MARKINGS THAT HAVE BEEN DAMAGED BY THE END OF EACH DAY'S OPERATION.
- Z) 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 AMPLE DRÝING TIME, AS DETERMINED BY THE ENGINEER.

SIGNALS

- AA) INSTALL AND MAKE OPERATIONAL ALL SIGNALS PRIOR TO ALTERING ANY TRAFFIC PATTERN, UNLESS OTHERWISE STATED IN THE TRAFFIC CONTROL PLANS.
- BB) SHIFT AND REVISE ALL SIGNAL HEADS AS SHOWN ON THE SIGNAL PLANS.

LOCAL NOTES

1) DO NOT STOP TRAFFIC FOR MORE THAN 15 MINUTES AS FOLLOWS:

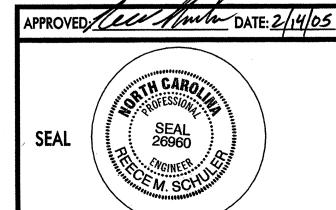
OPERATION

ROAD NAME

SR 1304,1417

SHIFTING TRAFFIC

100% TCP SUBMITTAL



PROJECT NOTES

NONE MAR04 SCS WG. BY: DESIGN BY: RMS REVIEWED BY: JAC

REVISIONS CADD B2848TCP02.DGN

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PROJ. REFERENCE NO. SHEET NO. B-2848 TCP-3

PROJECT PHASING

PHASE I

* STEP 1: ERECT WORK ZONE ADVANCED WARNING SIGNS USING DETAIL DRAWINGS FOR WORK ZONE SIGNS. (SEE TCP-8)

* STEP 2: INSTALL ALL OFF-SITE DETOUR 1 SIGNS AS SHOWN ON TCP-5.

* STEP 3: USING ROADWAY STANDARD DRAWING NO. 1101.03, SHEET 1 OF 9, DETOUR TRAFFIC ON SR 1304 AND CLOSE THE EXISTING BRIDGE. INSTALL TYPE III BARRICADES AT BOTH ENDS OF EXISTING BRIDGE. (SEE TCP-4 AND TCP-5)

COMPLETE STEPS 4 THRU 6 IN 120 CONSECUTIVE CALENDAR DAYS (SEE ICT'S FOR LIQUIDATED DAMAGES).

* STEP 4: USING ROADWAY STANDARD 1101.02, SHEET 1 OF 9, AND FLAGGERS, PLACE PORTABLE CONCRETE BARRIER FROM -Y- STA. 11+80 TO STA. 13+20, TEMPORARY PAVEMENT MARKINGS (PAINT) FROM -Y-STA. 9+80 TO STA. 14+70, INSTALL AND ACTIVATE TEMPORARY TRAFFIC SIGNALS AND DIRÉCT -Y- (SR 1417) TRAFFIC INTO A ONE LANE, TWO WAY PATTERN IN THE EXISTING SOUTHBOUND LANE OF -Y-(SR 1417). (SEE TCP-4 & TCP-8) (SEE SIGNAL PLANS)

BEHIND LANE CLOSURE, CONSTRUCT -L- FROM STA. 10+10 TO STA. 11+00 (SEE TCP-4).

* STEP 6: COMPLETE -Y- EXCLUDING FINAL PAVEMENT LAYER. USING ROADWAY STANDARD 1101.02, SHEET 1 OF 9, AND FLAGGERS, REMOVE CONCRETE BARRIER, LANE CLOSURES, TEMPORARY SIGNALS AND TEMPORARY PAVEMENT MARKINGS ON THE LEFT EDGE FROM STA. 9+80 TO STA. 14+70 AND STOP BARS. INSTALL TEMPORARY PAVEMENT MARKINGS FROM -Y- STA. 9+80 TO STA. 14+70. COVER DETOUR SIGNS FOR THE EXISTING BRIDGE AND RE-OPEN -Y- TO 2-LANE, 2-WAY TRAFFIC AND THE EXISTING BRIDGE TO ONE LANE, TWO WAY TRAFFIC.

* STEP 7:
USING ROADWAY STANDARD 1101.02, SHEET 1 OF 9, AND FLAGGERS,
PLACE PORTABLE CONCRETE BARRIER FROM -Y1- STA. 13+80 TO STA. 14+40. (MUST BE PLACED ON TEMP. PAVEMENT.) BEHIND PCB, BEGIN CONSTRUCTION FROM -L- STA 11+00 TO STA 13+80. (SEÉ TCP-4)

PHASE II

INSTALL ALL OFF-SITE DETOUR 2 SIGNS AS SHOWN ON TCP-7.

NOTES: 1) ALL WORK UNDER PHASE II, STEP 2 MUST BE COMPLETED IN A CONTINUOUS OPERATION WHEN SCHOOL IS NOT IN SESSION

> 2) IF FIELD CONDITIONS ALLOW, USE INCIDENTAL STONE AS NEEDED TO MAINTAIN TRAFFIC ON SITE DURING PHASE II, STEP 2 IN LIEU OF DETOURING TRAFFIC, AS DIRECTED BY THE ENGINEER

* STEP 2: USING RDWY STD NO. 1101.03, SHEET 1 OF 9, UNCOVER THE DETOUR SIGNS FOR THE EXISTING BRIDGE, CLOSE -Y1- AT STA. 12+20, -L- AT STA. 16+00, THE EXISTING BRIDGE, AND DETOUR TRAFFIC ALONG SR 1304, NC 197 AND SR 1320. CONSTRUCT -Y1- AND -L- FROM STA 13+80 TO STA 16+00 EXCLUDING FINAL PAVEMENT LAYER. SEE LOCAL NOTE. (USE TEMPORARY MARKINGS) (SEE TCP-7)

PHASE III

REMOVE TYPE III BARRICADES AND DETOUR SIGNING FOR -Y1-. INSTALL TYPE III BARRICADES AT END OF BRIDGE -L- STA. 13+80 OPEN -Y1- TO 2-LANE 2-WAY TRAFFIC.

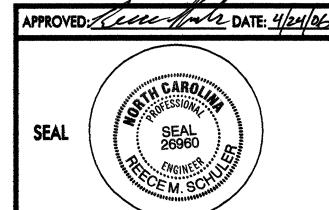
NOTE: WORK IN A CONTINUOUS MANNER TO COMPLETE STEP 2.

* STEP 2: COMPLETE BRIDGE CONSTRUCTION AND INSTALL THE FINAL PAVEMENT MARKINGS ON THE NEW BRIDGE, AND REDIRECT TRAFFIC ONTO NEW BRIDGE. REMOVE OFF-SITE DÉTOUR.

NOTE: THE REMOVAL OF THE EXISTING BRIDGE IS TO BE COORDINATED WITH THE ENGINEER DUE TO ENVIRONMENTAL ISSUES.

*STEP 3: AWAY FROM TRAFFIC, REMOVE EXISTING BRIDGE.

* STEP 4: USING RDWY STD. NO. 1101.02, SHEET 1 OF 9, PLACE THE FINAL LAYER OF SURFACE COURSE AND REMAINING FINAL PAVEMENT MARKINGS (PAINT) ON THE ENTIRE PROJECT.



PHASING

NONE

MARO4

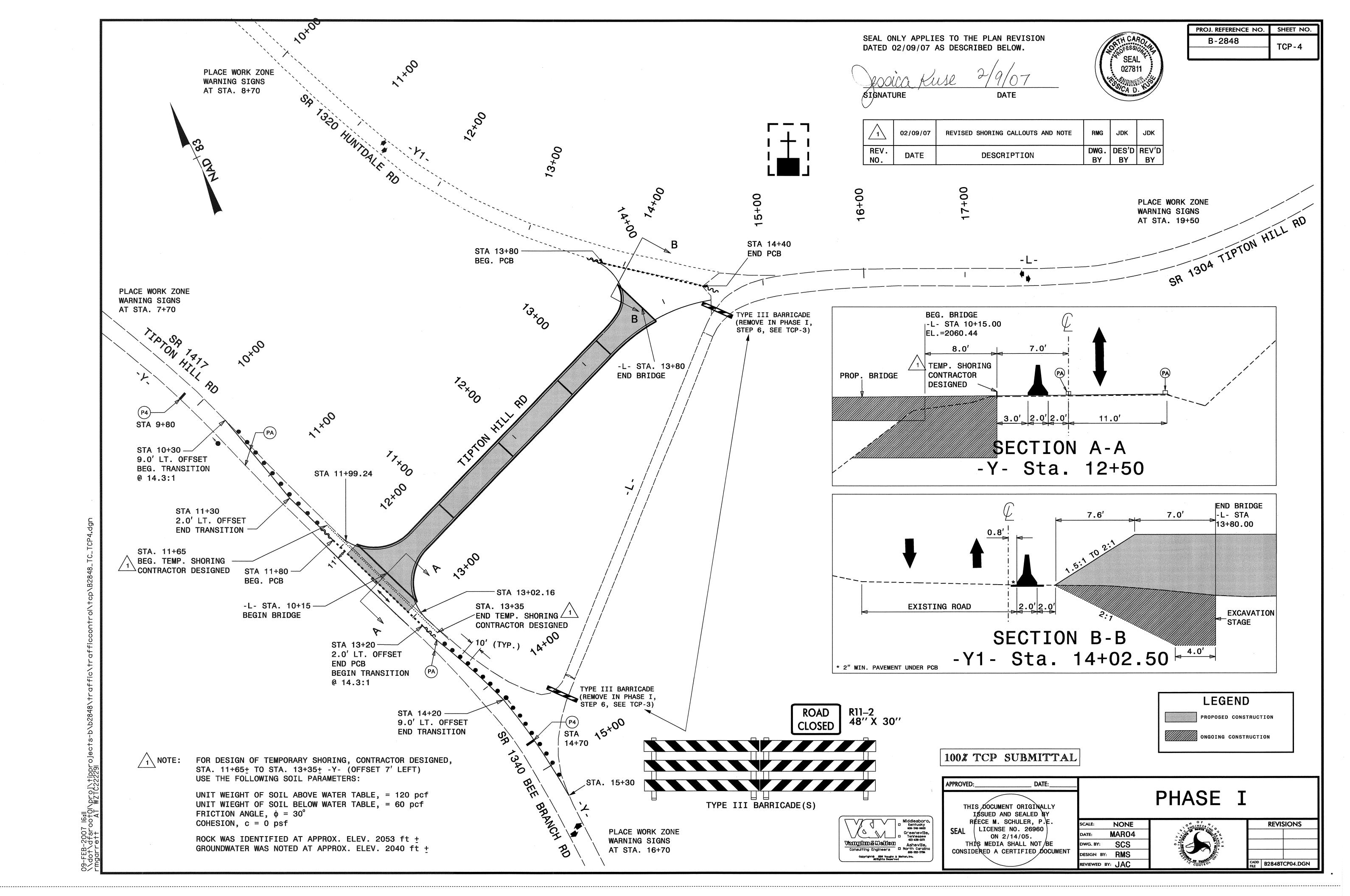
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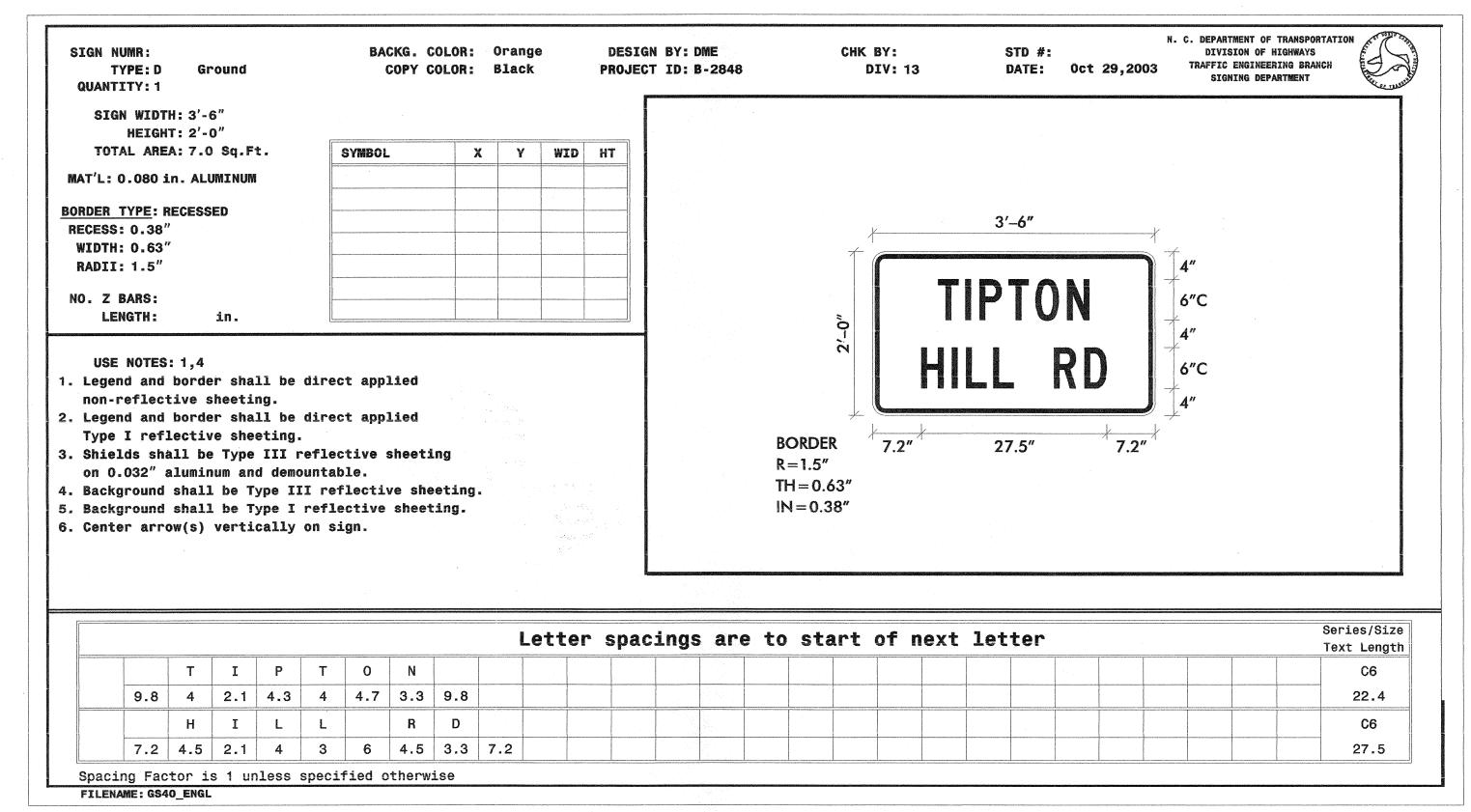
DESIGN BY: RMS REVIEWED BY: JAC

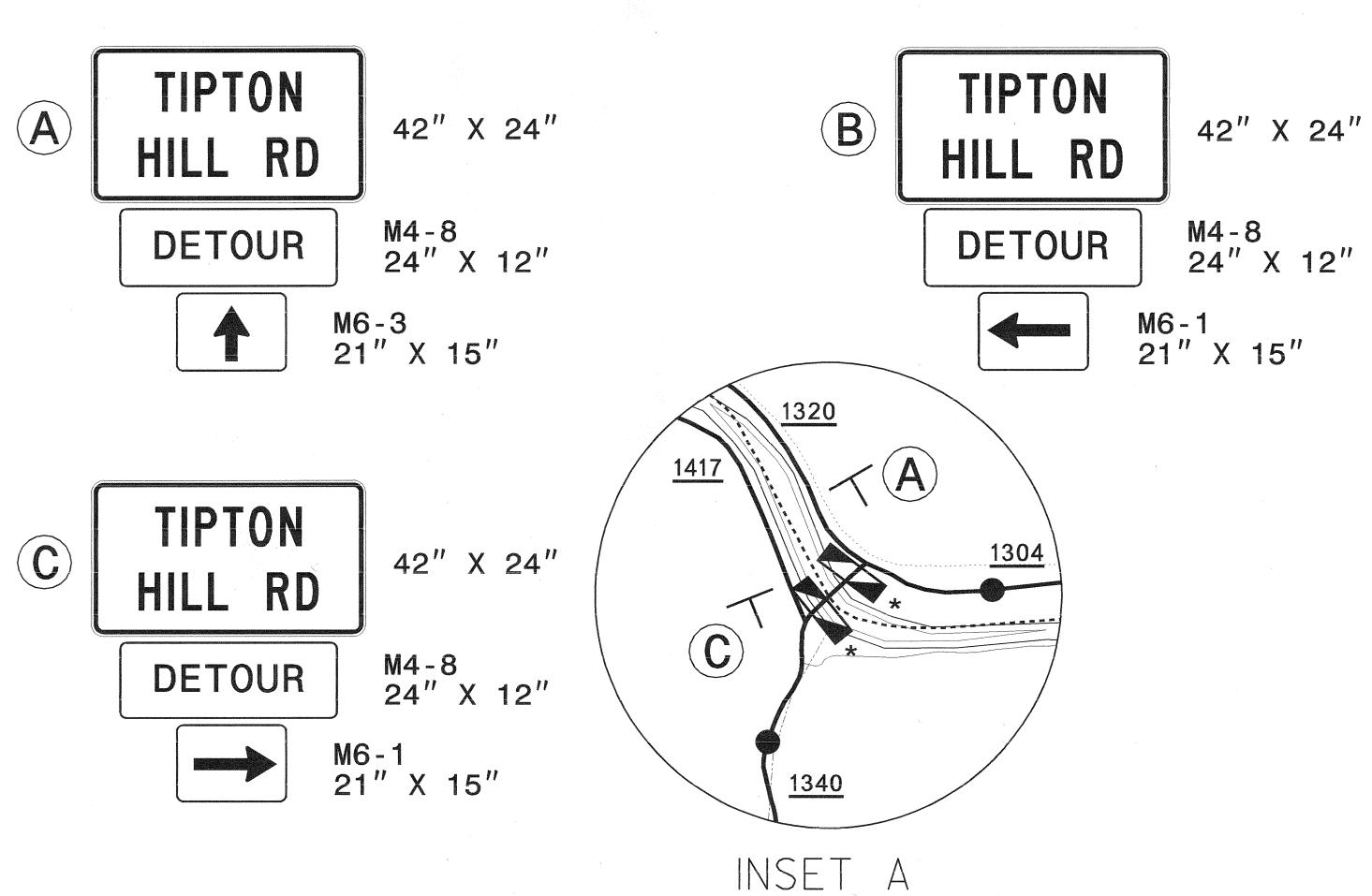
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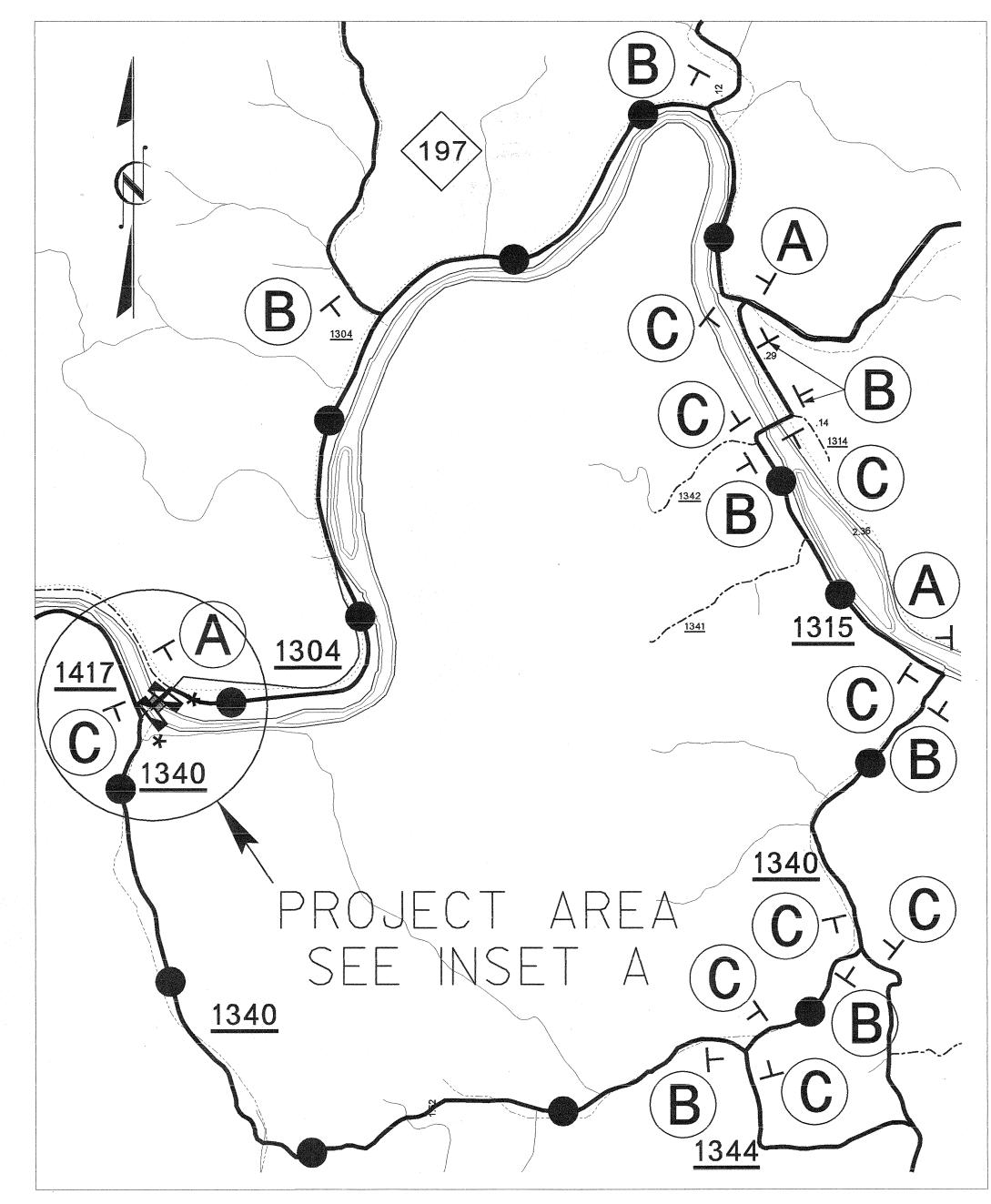
100% TCP SUBMITTAL



PROJ. REFERENCE NO. SHEET NO. B-2848 TCP-5





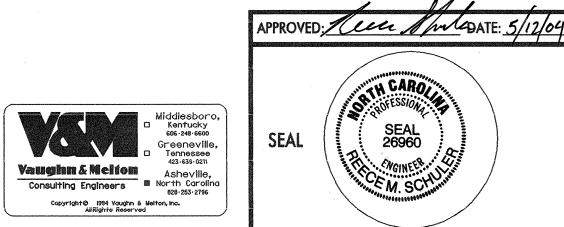


NOTE: ALL DETOUR SIGNS ARE BLACK ON ORANGE UNLESS OTHERWISE NOTED. FINAL DETERMINATION OF ARROW DIRECTION IS TO BE DONE IN THE FIELD.

★ SEE ROADWAY STANDARD DRAWING NO. 1101.03, SHEET 1 OF 9, OMITTING "ROAD CLOSED TO THRU TRAFFIC" SIGN, FOR TYPE III BARRICADE LOCATIONS, ADDITIONAL SIGNS MOUNTED ON TYPE III BARRICADES, AND ADDITIONAL WORK ZONE SIGNS.

MAP LEGEND STATE ROADS NORTH TOE RIVER

100% TCP SUBMITTAL



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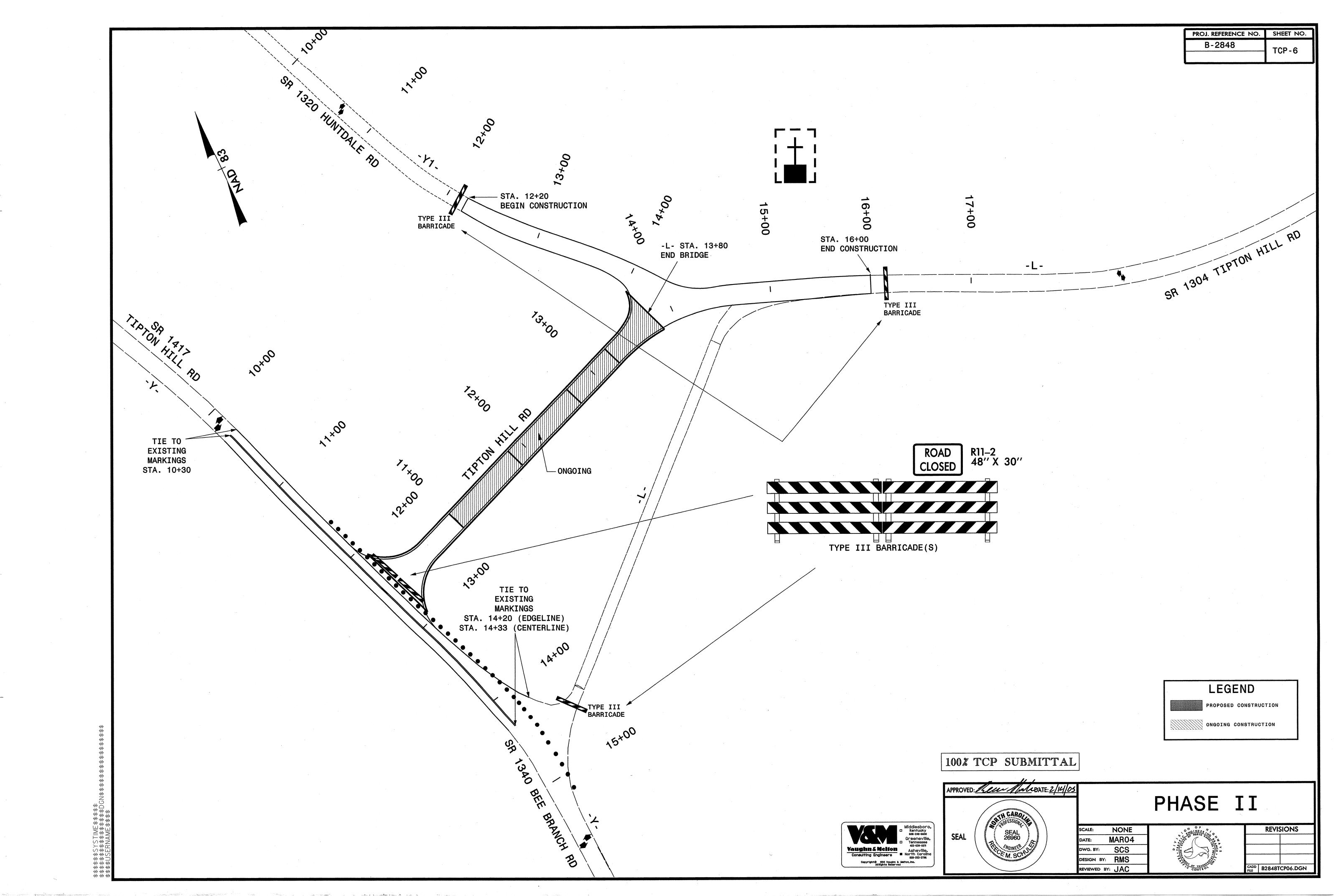
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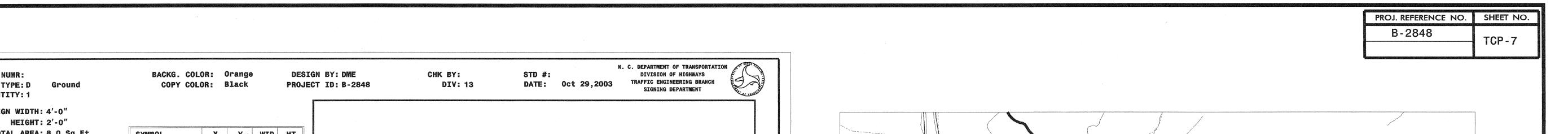
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DESIGN BY: RMS

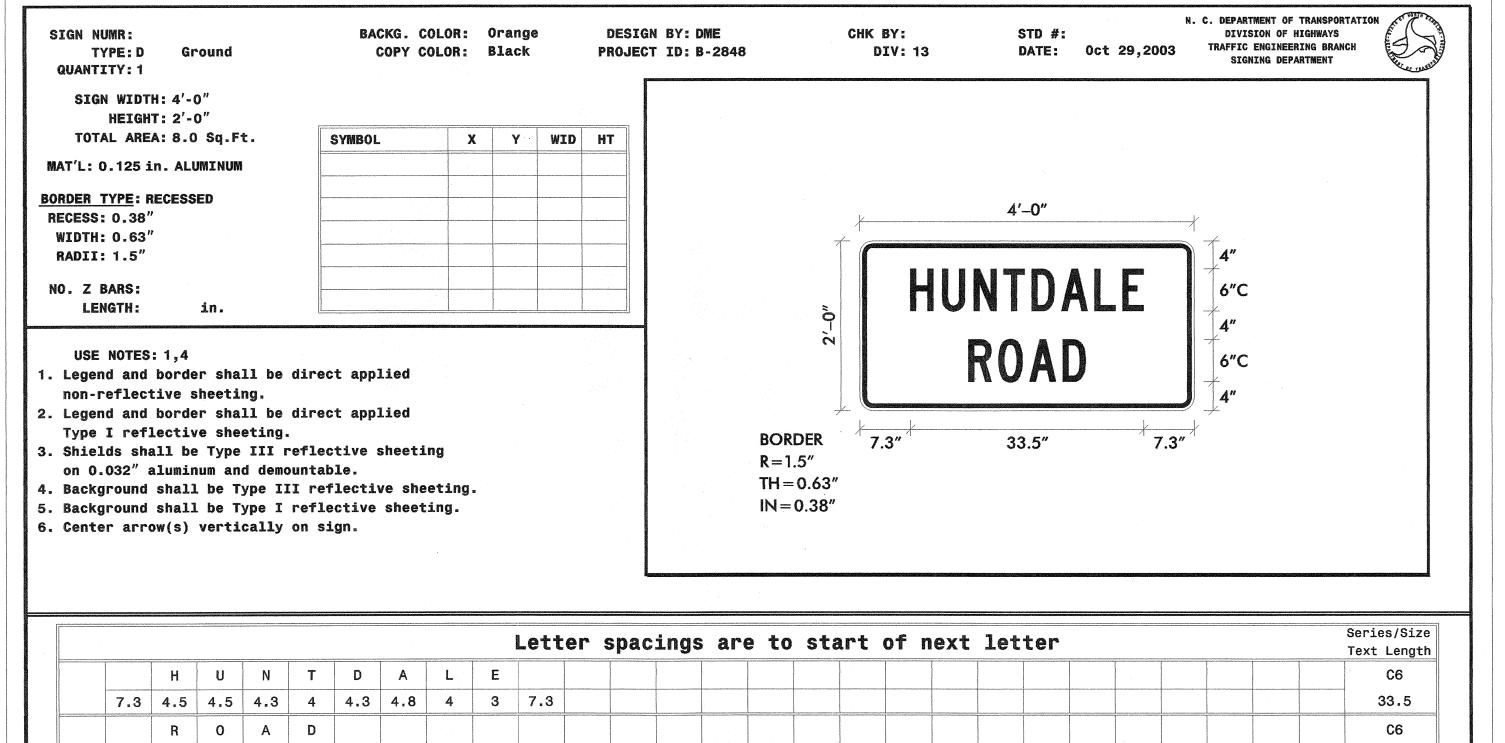
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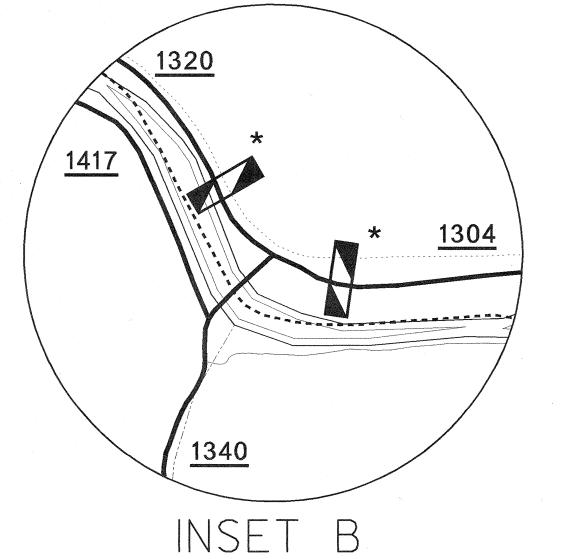


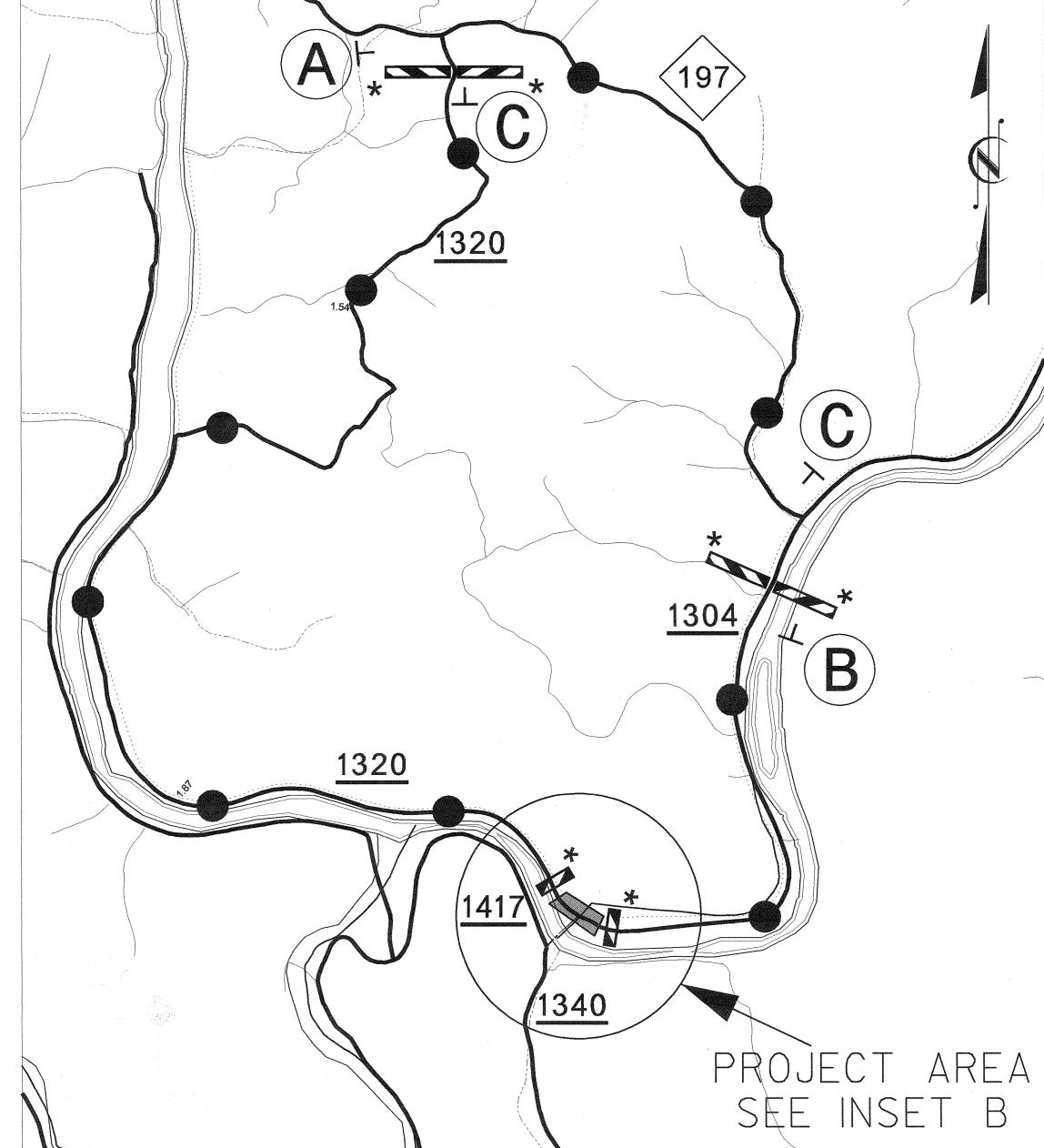
FILENAME: GS40_ENGL HUNTDALE HUNTDALE 48" X 24" (B) ROAD ROAD M4-8 24" X 12" M4-8 24" X 12" **DETOUR DETOUR** M6-3 21" X 15" M6-1 21" X 15" 1320 HUNTDALE

48" X 24"

M4-8 24" X 12"

M6-1 21" X 15"



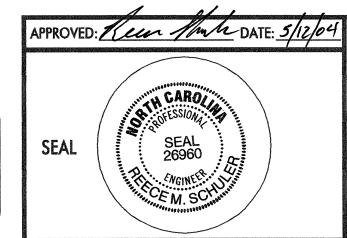


NOTE: ALL DETOUR SIGNS ARE BLACK ON ORANGE UNLESS OTHERWISE NOTED. FINAL DETERMINATION OF ARROW DIRECTION IS TO BE DONE IN THE

★ SEE ROADWAY STANDARD DRAWING NO. 1101.03, SHEET 1 OF 9 FOR TYPE III BARRICADE LOCATIONS, ADDITIONAL SIGNS MOUNTED ON TYPE III BARRICADES, AND ADDITIONAL WORK ZONE SIGNS.

MAP LEGEND STATE ROADS NORTH TOE RIVER _____

100% TCP SUBMITTAL



OFF-SITE DETOUR 2 SIGNING

NONE MAR04 DWG. BY: DESIGN BY: RMS REVIEWED BY: JAC

REVISIONS CADD B2848TCP07.DGN

15.6 4.3 4.5 4.8 3.3 15.6

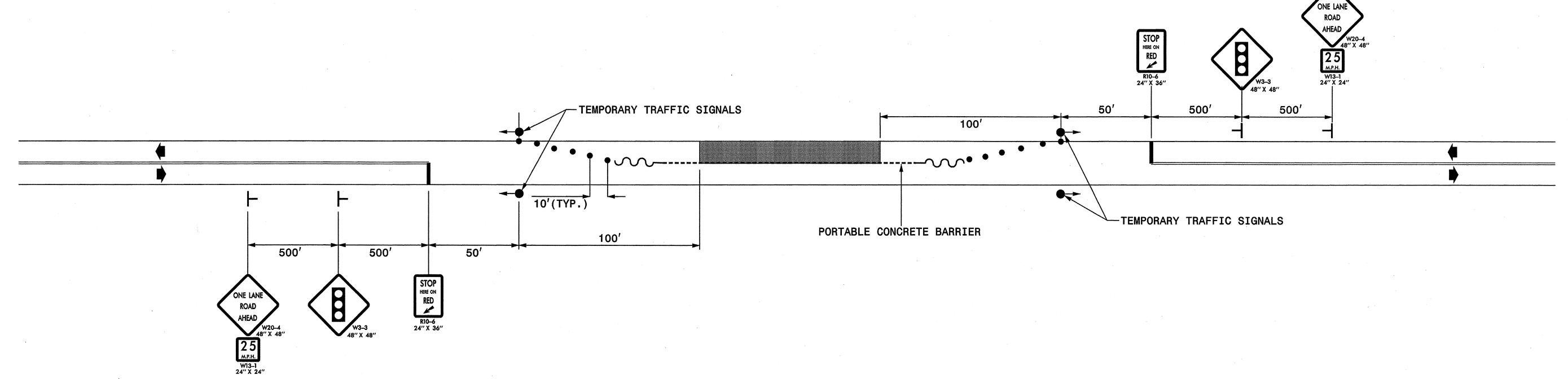
Spacing Factor is 1 unless specified otherwise

ROAD

DETOUR

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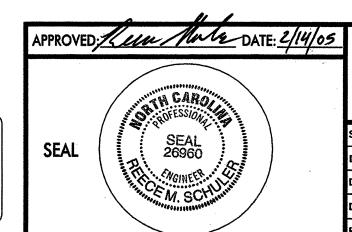
PROJ. REFERENCE NO. SHEET NO. B-2848 TCP-8



NOTES:

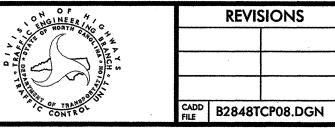
- 1. ADVISORY SPEED PANEL (25 MPH, SIGN W13-1) SHALL PORTRAY A SPEED AS DETERMINED BY THE ENGINEER.
- 2. REFER TO TRAFFIC CONTROL DETAIL DRAWINGS FOR PLACEMENT OF PAVEMENT MARKINGS.

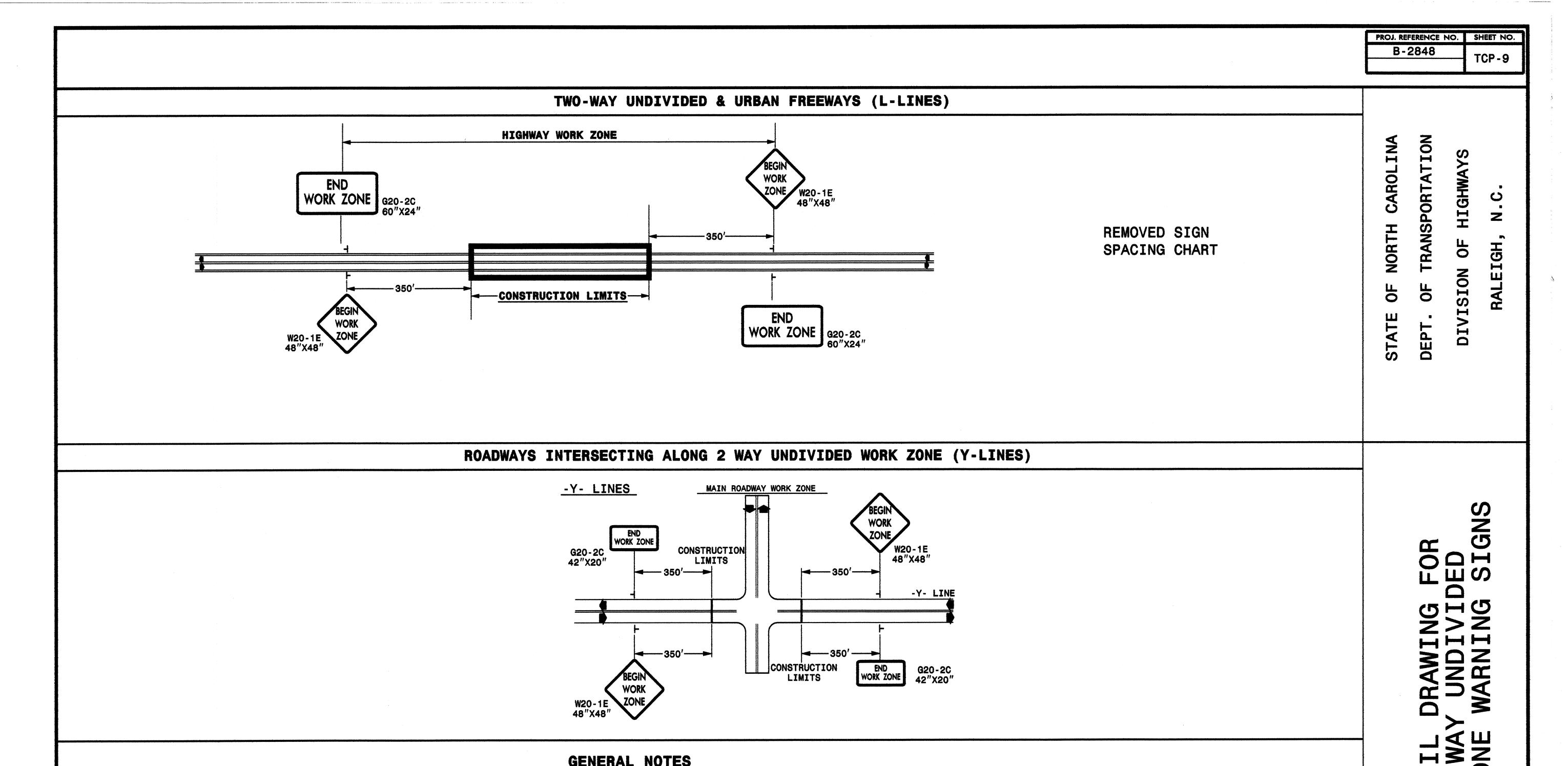
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DETAIL OF LANE CLOSURE USING TRAFFIC SIGNALS

NONE MAR04 DWG. BY: SCS REVIEWED BY: JAC





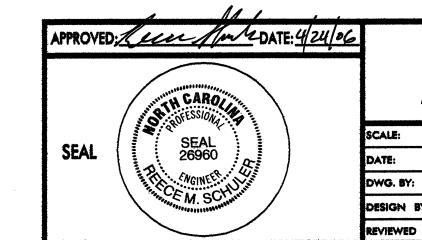
GENERAL NOTES

- USE TYPE I AND TYPE II SHEETING FOR ALL WORK ZONE WARNING SIGNS UNTIL THE EXISTING TYPE I AND TYPE II SHEETING INVENTORIES ARE EXHAUSTED, OTHERWISE USE TYPE VII SHEETING OR HIGHER. (STANDARD PRACTICE FOR SIGN SHEETING, S-68)
- 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 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.



■ DIRECTION OF TRAFFIC FLOW

SHEET 1 OF 1



DETAIL	_ DRAV	VING	FOR	TWO-W	VAY
UNDIVID	ED A	ND UR	BAN	FREE	WAYS
ADVANCED	WORK	ZONE	WAR	NING	SIGNS

1	NONE	, O HOLKER
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