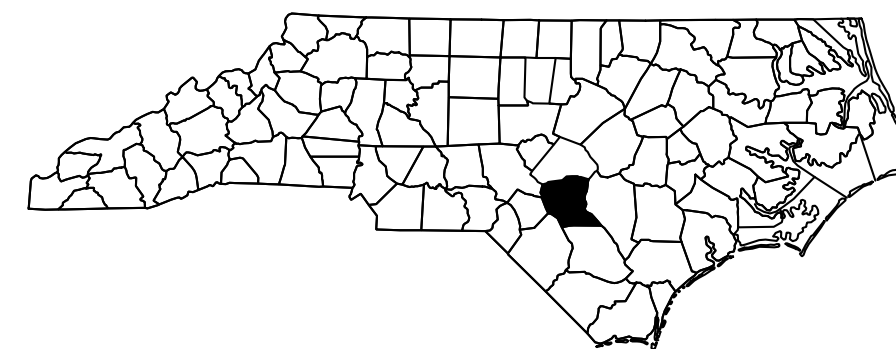


STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

TRANSPORTATION MANAGEMENT PLAN

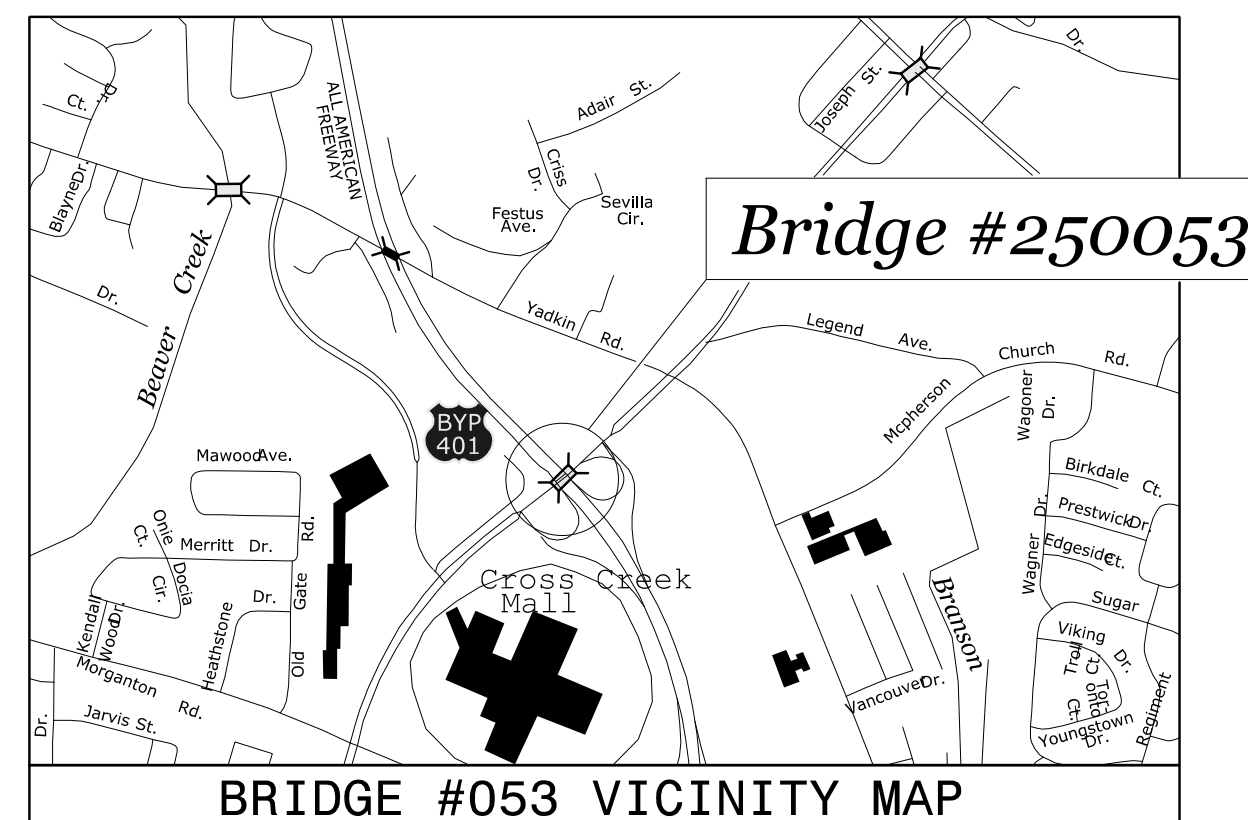
CUMBERLAND COUNTY

DIVISION 6



**LOCATION: BRIDGE #250053 ON US 401
OVER ALL AMERICAN FWY**

**TYPE OF WORK: TRAFFIC MANAGEMENT FOR BRIDGE
PRESERVATION**



BRIDGE #053 VICINITY MAP

INDEX OF SHEETS

SHEET NO.	TITLE
TMP-1	TITLE SHEET, INDEX OF SHEETS, VICINITY MAPS, AND TRAFFIC MANAGEMENT STRATEGY
TMP-1A	LIST OF ROADWAY STANDARD DRAWINGS, TRAFFIC CONTROL PHASING AND LEGEND
TMP-1B	GENERAL NOTES
TMP-2 TO TMP-3	BRIDGE NO. 250053 LANE CLOSURES AND TYPICAL SECTIONS
TMP-4 TO TMP-5	LOOP CLOSURE AND DETOUR ROUTE

SHEET NO.

TMP-1

TRAFFIC MANAGEMENT STRATEGY

WORK ON BRIDGE #053
WILL BE PERFORMED USING TEMPORARY LANE CLOSURES.
LOOPS WILL BE INDIVIDUALLY CLOSED AND DETOURED OFF-SITE.

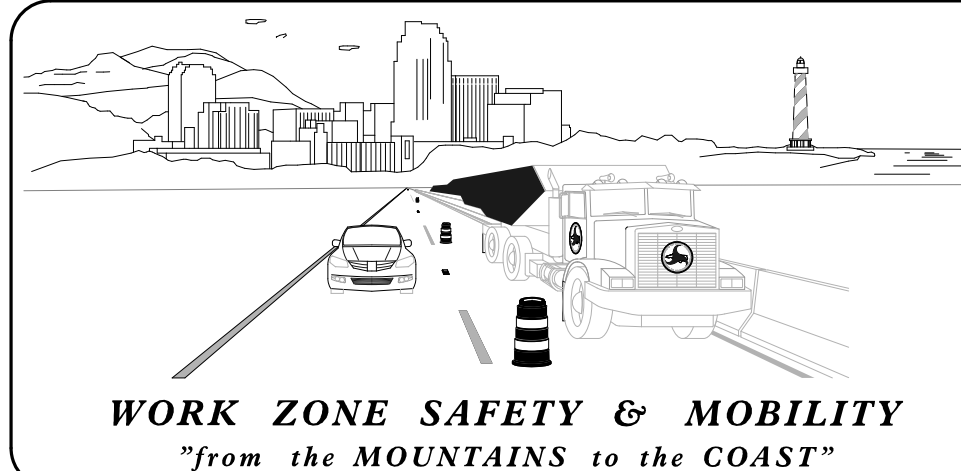
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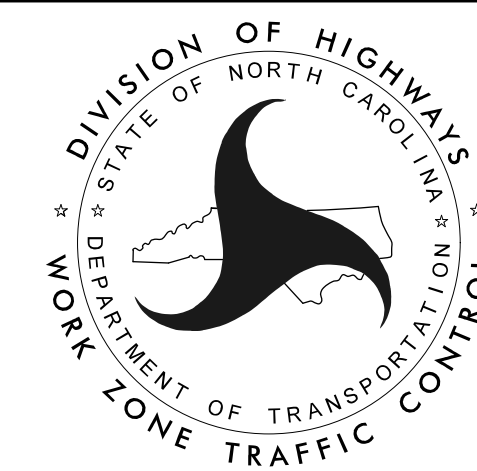
PLANS PREPARED BY:
Gannett Fleming
Excellence Delivered As Promised

One Glenwood Avenue
Suite 900
Raleigh NC 27603
(919) 420-7600
NC Lic. No. F-0270



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) 814-5000 FAX: (919) 771-2745

J. E. Hummer, PhD, PE **STATE TRAFFIC MANAGEMENT ENGINEER**
Ken Thornewell, PE **TRAFFIC CONTROL PROJECT ENGINEER**
Mike Steelman **TRAFFIC CONTROL PROJECT DESIGN ENGINEER**
TRAFFIC CONTROL DESIGN ENGINEER



TIP PROJECT: 15BPR.44

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

PHASING

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
1101.01	WORK ZONE ADVANCED WARNING SIGNS
1101.02	TEMPORARY LANE CLOSURES
1101.03	TEMPORARY ROAD CLOSURES
1101.04	TEMPORARY SHOULDER CLOSURES
1101.11	TRAFFIC CONTROL DESIGN TABLES
1110.01	STATIONARY WORK ZONE SIGNS
1110.02	PORTABLE WORK ZONE SIGNS
1115.01	FLASHING ARROW BOARDS
1130.01	DRUMS
1135.01	CONES
1145.01	BARRICADES
1150.01	FLAGGING DEVICES
1165.01	TRUCK MOUNTED ATTENUATOR

PHASE I

OBJECTIVE: PERFORM BEARING REPLACEMENTS AND SUBSTRUCTURE CONCRETE REPAIRS WITH ACCESS FROM ALL AMERICAN FREEWAY UNDERNEATH THE BRIDGE UTILIZING NIGHTLY SHOULDER CLOSURES.

STEP 1: INSTALL WORK ZONE ADVANCE WARNING SIGNING IN ACCORDANCE WITH STANDARD DRAWING 1101.01 ON ALL ROADS AS FIRST STEP OF WORK.

STEP 2: USING SHOULDER CLOSURES, COMPLETE BEARING REPLACEMENTS AND SUBSTRUCTURE CONCRETE REPAIRS UNDERNEATH THE PROJECT BRIDGE.

PHASE II

OBJECTIVE: PERFORM BRIDGE DECK REHABILITATION, INCLUDING DECK OVERLAY, GROOVING, CURB&GUTTER REPLACEMENT, MILLING & RESURFACING AT APPROACHES, AND PAVEMENT MARKINGS FOR US 401 SKIBO ROAD UTILIZING NIGHTLY LANE CLOSURES. SEE PHASE II TYPICAL SECTIONS ON TMP-02 FOR ALL STEPS. PLACE FAST DRY PAINT AT EXISTING LANE LINES FOR ALL STEPS AS TEMPORARY PAINT.

CONTRACTOR MAY PERFORM PHASE II STEPS IN ANY ORDER, CONTINGENT ON APPROVAL FROM THE DIVISION. PHASE I MUST COME BEFORE PHASE II.

INTERMEDIATE CONTRACT TIME:
COMPLETE THE WORK REQUIRED OF PHASE II, STEPS 1 THRU 4 USING NIGHTLY LANE CLOSURES. THIS WORK IS REQUIRED TO BE COMPLETED WITHIN 19 CONSECUTIVE CALENDAR DAYS.

STEP 1: SEE PHASE II US 401 TYPICAL SECTION NO. 1 ON TMP-02

USE ROADWAY STANDARD DRAWING NO. 1101.02, CLOSE SOUTHBOUND SIDEWALK, AND OUTSIDE TWO SOUTHBOUND THROUGH LANES. ONE LANE OF SOUTHBOUND THROUGH TRAFFIC AND THE LEFT TURN FOR ALL AMERICAN FREEWAY ACCESS MUST BE MAINTAINED AT ALL TIMES.

CONTRACTOR SHALL BE REQUIRED TO PROVIDE PEDESTRIAN TRANSPORT SERVICE FOR SIDEWALK CLOSURE IN THIS STEP.

STEP 2: SEE PHASE II US 401 TYPICAL SECTION NO. 2 ON TMP-02

USE ROADWAY STANDARD DRAWING NO. 1101.02, CLOSE INSIDE SOUTHBOUND THROUGH LANE AND CLOSE FLUSH PAINTED MEDIAN. ONE LANE OF SOUTHBOUND OUTSIDE THROUGH TRAFFIC AND THE LEFT TURN FOR ALL AMERICAN FREEWAY ACCESS MUST BE MAINTAINED AT ALL TIMES. PROVIDE CHANNELIZED LEFT TURN TAPER FOR ALL AMERICAN FREEWAY ACCESS USING PORTABLE DRUMS.

STEP 3: SEE PHASE II US 401 TYPICAL SECTION NO. 3 ON TMP-02

USE ROADWAY STANDARD DRAWING NO. 1101.02, CLOSE INSIDE TWO NORTHBOUND THROUGH LANES. ONE LANE OF NORTHBOUND OUTSIDE THROUGH TRAFFIC AND THE NORTHBOUND LOOP FOR ALL AMERICAN FREEWAY ACCESS MUST BE MAINTAINED AT ALL TIMES.

STEP 4: SEE PHASE II US 401 TYPICAL SECTION NO. 4 ON TMP-02
SEE OFF-SITE LOOP DETOUR ON TMP-04

USE ROADWAY STANDARD DRAWING NO. 1101.02, CLOSE OUTSIDE NORTHBOUND THROUGH LANE, CLOSE SIDEWALK, AND CLOSE/DETOUR NORTHBOUND LOOP ENTRANCE LANE. TWO LANES OF NORTHBOUND INSIDE THROUGH TRAFFIC MUST BE MAINTAINED AT ALL TIMES.

CONTRACTOR SHALL BE REQUIRED TO PROVIDE PEDESTRIAN TRANSPORT SERVICE FOR SIDEWALK CLOSURE IN THIS STEP.

PHASE III

OBJECTIVE: PERFORM BRIDGE GIRDER PAINTING UTILIZING ACCESS FROM ALL AMERICAN FREEWAY UNDERNEATH THE BRIDGE WITH NIGHTLY LANE CLOSURES.

SEE PHASE III TYPICAL SECTIONS ON TMP-03 FOR ALL STEPS

CONTRACTOR MAY PERFORM PHASE III STEPS IN ANY ORDER, CONTINGENT ON APPROVAL FROM THE DIVISION.

STEP 1: SEE PHASE III ALL AMERICAN FREEWAY TYPICAL SECTION NO. 1 ON TMP-03
SEE OFF-SITE LOOP DETOUR ON TMP-04

USE ROADWAY STANDARD DRAWING NO. 1101.02 AND CLOSE THE WESTBOUND OUTSIDE THROUGH LANE OF ALL AMERICAN FREEWAY. ONE LANE OF WESTBOUND INSIDE THROUGH TRAFFIC MUST BE MAINTAINED AT ALL TIMES.

CLOSE/DETOUR THE LOOP ENTRANCE LANE ONTO WESTBOUND ALL AMERICAN FREEWAY.

STEP 2: SEE PHASE III ALL AMERICAN FREEWAY TYPICAL SECTION NO. 2 ON TMP-03

USE ROADWAY STANDARD DRAWING NO. 1101.02 AND CLOSE THE WESTBOUND INSIDE THROUGH LANE OF ALL AMERICAN FREEWAY. ONE LANE OF WESTBOUND OUTSIDE THROUGH TRAFFIC MUST BE MAINTAINED AT ALL TIMES. THE LOOP ENTRANCE LANE ONTO WESTBOUND ALL AMERICAN FREEWAY MUST BE MAINTAINED AT ALL TIMES.

PERFORM REPAIRS UNDERNEATH THE BRIDGE FROM THE MEDIAN AREA.

STEP 3: SEE PHASE III ALL AMERICAN FREEWAY TYPICAL SECTION NO. 3 ON TMP-03

USE ROADWAY STANDARD DRAWING NO. 1101.02 AND CLOSE THE EASTBOUND INSIDE THROUGH LANE OF ALL AMERICAN FREEWAY. ONE LANE OF EASTBOUND OUTSIDE THROUGH TRAFFIC MUST BE MAINTAINED AT ALL TIMES. THE LOOP EXIT LANE ONTO US 401 SKIBO ROAD MUST BE MAINTAINED AT ALL TIMES.

PERFORM REPAIRS UNDERNEATH THE BRIDGE FROM THE MEDIAN AREA.

STEP 4: SEE PHASE III ALL AMERICAN FREEWAY TYPICAL SECTION NO. 4 ON TMP-03
SEE OFF-SITE LOOP DETOUR ON TMP-05

USE ROADWAY STANDARD DRAWING NO. 1101.02 AND CLOSE THE EASTBOUND OUTSIDE THROUGH LANE OF ALL AMERICAN FREEWAY. ONE LANE OF EASTBOUND INSIDE THROUGH TRAFFIC MUST BE MAINTAINED AT ALL TIMES.

CLOSE/DETOUR THE LOOP EXIT LANE ONTO US 401 SKIBO ROAD.

LEGEND

GENERAL

DIRECTION OF TRAFFIC FLOW

EXIST. PVMT.

NORTH ARROW

PROPOSED PVMT.

STAGING AREA

TRAFFIC CONTROL DEVICES

BARRICADE (TYPE III)

DRUM

CONE

FLASHING ARROW BOARD

FLAGGER

CHANGEABLE MESSAGE SIGN

PORTABLE CONCRETE BARRIER

TRUCK MOUNTED IMPACT ATTENUATOR

TRAFFIC SIGNALS

EXISTING SIGNAL

TEMPORARY SIGNING

PORTABLE SIGN

STATIONARY SIGN

PAVEMENT MARKINGS

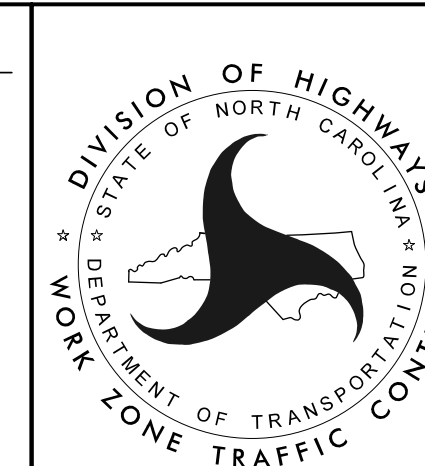
EXISTING LINES

TEMPORARY LINES

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PLANS PREPARED BY:
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One Glenwood Avenue
Suite 900
Raleigh NC 27603
(919) 420-7660
[NC Lic. No. F-0270]

APPROVED:
DATE: 12/3/2021



ROADWAY STANDARD
DRAWINGS
&
TRAFFIC CONTROL
PHASING

\$\$\$\$\$ SYSTEMS \$\$\$
\$\$\$\$\$ USER NAME \$\$\$

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 UNDESIRE 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
US 401 SKIBO ROAD	6:00 AM TO 9:00 PM MONDAY THRU SUNDAY
ALL AMERICAN FREEWAY	6:00 AM TO 9:00 PM MONDAY THRU SUNDAY

B) DO NOT CLOSE OR NARROW TRAVEL LANES DURING HOLIDAYS AND SPECIAL EVENTS AS FOLLOWS:

- | ROAD NAME | HOLIDAY |
|-----------|---------|
| ALL ROADS | |
- FOR ANY UNEXPECTED OCCURRENCE THAT CREATES UNUSUALLY HIGH TRAFFIC VOLUMES, AS DIRECTED BY THE ENGINEER.
 - FOR NEW YEAR'S, BETWEEN THE HOURS OF 6:00 A.M. DECEMBER 31st TO 9:00 P.M. JANUARY 2ND. IF NEW YEAR'S DAY IS ON A FRIDAY, SATURDAY, SUNDAY, OR MONDAY THEN UNTIL 9:00 P.M. THE FOLLOWING TUESDAY.
 - FOR EASTER, BETWEEN THE HOURS OF 6:00 A.M. THURSDAY AND 9:00 P.M. MONDAY.
 - FOR MEMORIAL DAY, BETWEEN THE HOURS OF 6:00 A.M. FRIDAY TO 9:00 P.M. TUESDAY.
 - FOR INDEPENDENCE DAY, BETWEEN THE HOURS OF 6:00 A.M. THE DAY BEFORE INDEPENDENCE DAY AND 9:00 P.M. THE DAY AFTER INDEPENDENCE DAY.

IF INDEPENDENCE DAY IS ON A FRIDAY, SATURDAY, SUNDAY OR MONDAY THEN BETWEEN THE HOURS OF 6:00 A.M. THE THURSDAY BEFORE INDEPENDENCE DAY AND 9:00 P.M. THE TUESDAY AFTER INDEPENDENCE DAY.
 - FOR LABOR DAY, BETWEEN THE HOURS OF 6:00 A.M. FRIDAY AND 9:00 P.M. TUESDAY.
 - FOR THANKSGIVING DAY, BETWEEN THE HOURS OF 6:00 A.M. TUESDAY TO 9:00 P.M. MONDAY.
 - FOR CHRISTMAS, BETWEEN THE HOURS OF 6:00 A.M. THE FRIDAY BEFORE THE WEEK OF CHRISTMAS DAY AND 9:00 P.M. THE FOLLOWING TUESDAY AFTER THE WEEK OF CHRISTMAS.

C) DO NOT CLOSE ROADS AS FOLLOWS:

ROAD NAME	DAY AND TIME RESTRICTIONS
LOOP A AT SKIBO ROAD	6:00 AM TO 9:00 PM MONDAY THRU SUNDAY
LOOP D AT SKIBO ROAD	6:00 AM TO 9:00 PM MONDAY THRU SUNDAY

LANE AND SHOULDER CLOSURE REQUIREMENTS

- D) 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.
- E) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING WITHIN 15 FT OF AN OPEN TRAVEL LANE, CLOSE THE NEAREST OPEN SHOULDER USING ROADWAY STANDARD DRAWING NO. 1101.04 UNLESS THE STAGING AREA IS PROTECTED BY BARRIER OR GUARDRAIL OR A LANE CLOSURE IS INSTALLED.
- F) 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 STAGING AREA IS PROTECTED BY BARRIER OR GUARDRAIL.
- G) 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.
- H) 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

TRAFFIC PATTERN ALTERATIONS

- I) NOTIFY THE ENGINEER THIRTY (30) CALENDAR DAYS PRIOR TO ANY TRAFFIC PATTERN ALTERATION.

SIGNING

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

AND

PROVIDE SIGNING REQUIRED FOR THE OFF-SITE DETOUR ROUTE AS SHOWN IN THE TRAFFIC CONTROL PLANS.
- L) COVER OR REMOVE ALL SIGNS AND DEVICES REQUIRED TO CLOSE THE ROAD WHEN ROAD CLOSURE IS NOT IN OPERATION.

AND

COVER OR REMOVE ALL SIGNS REQUIRED FOR THE OFF-SITE DETOUR WHEN THE DETOUR IS NOT IN OPERATION.
- M) ENSURE ALL NECESSARY SIGNING IS IN PLACE PRIOR TO ALTERING ANY TRAFFIC PATTERN.

TRAFFIC CONTROL DEVICES

- N) WHEN LANE CLOSURES ARE NOT IN EFFECT SPACE CHANNELIZING DEVICES IN WORK AREAS NO GREATER IN FEET THAN TWICE THE POSTED SPEED LIMIT (MPH) EXCEPT, 10 FT ON-CENTER IN RADII, AND 3 FT OFF THE EDGE OF AN OPEN TRAVELWAY. REFER TO STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES SECTIONS 1130 (DRUMS), 1135 (CONES) AND 1180 (SKINNY DRUMS) FOR ADDITIONAL REQUIREMENTS.
- O) PLACE TYPE III BARRICADES WITH "ROAD CLOSED" SIGN RII-2 ATTACHED, OF SUFFICIENT LENGTH TO CLOSE ENTIRE ROADWAY.
- P) PLACE ADDITIONAL SETS OF THREE CHANNELIZING DEVICES PERPENDICULAR TO THE EDGE OF TRAVELWAY ON 500 FT CENTERS WHEN UNOPENED LANES ARE CLOSED TO TRAFFIC.

PAVEMENT MARKINGS AND MARKERS

- Q) INSTALL TEMPORARY PAVEMENT MARKINGS AND TEMPORARY PAVEMENT MARKERS ON INTERIM LAYERS OF PAVEMENT AS FOLLOWS:
- | ROAD NAME | MARKING | MARKER |
|-------------------|---------|--------|
| US 401 SKIBO ROAD | PAINT | R.P.M. |
- R) 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.
- S) TIE TEMP. PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.
- T) REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKINGS AND MARKERS BY THE END OF EACH DAY'S OPERATION.
- U) LAW ENFORCEMENT MAY BE USED TO MAINTAIN TRAFFIC THROUGH THE WORK AREA AND/OR INTERSECTIONS AS DIRECTED BY THE ENGINEER.
- V) CONTRACTOR SHALL MAINTAIN SIDEWALK ACCESS AT ALL TIMES AS STATED IN THE PHASING. CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE TEMPORARY SIDEWALKS (CONCRETE, ASPHALT, OR OTHER SUITABLE MATERIAL AS APPROVED BY THE ENGINEER) AT ALL LOCATIONS WHERE THE OPEN PEDESTRIAN TRAVELWAY HAS BEEN REMOVED FOR CONSTRUCTION OPERATIONS (UTILITIES, DRAINAGE, ETC.).


\$\$\$SYTIME\$\$\$\$
 \$\$\$SUBSERNAME\$\$\$
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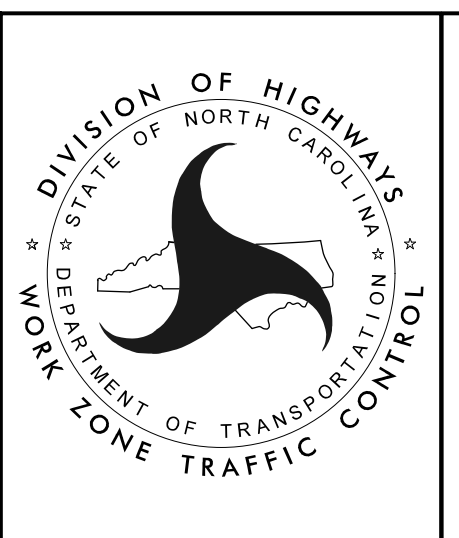
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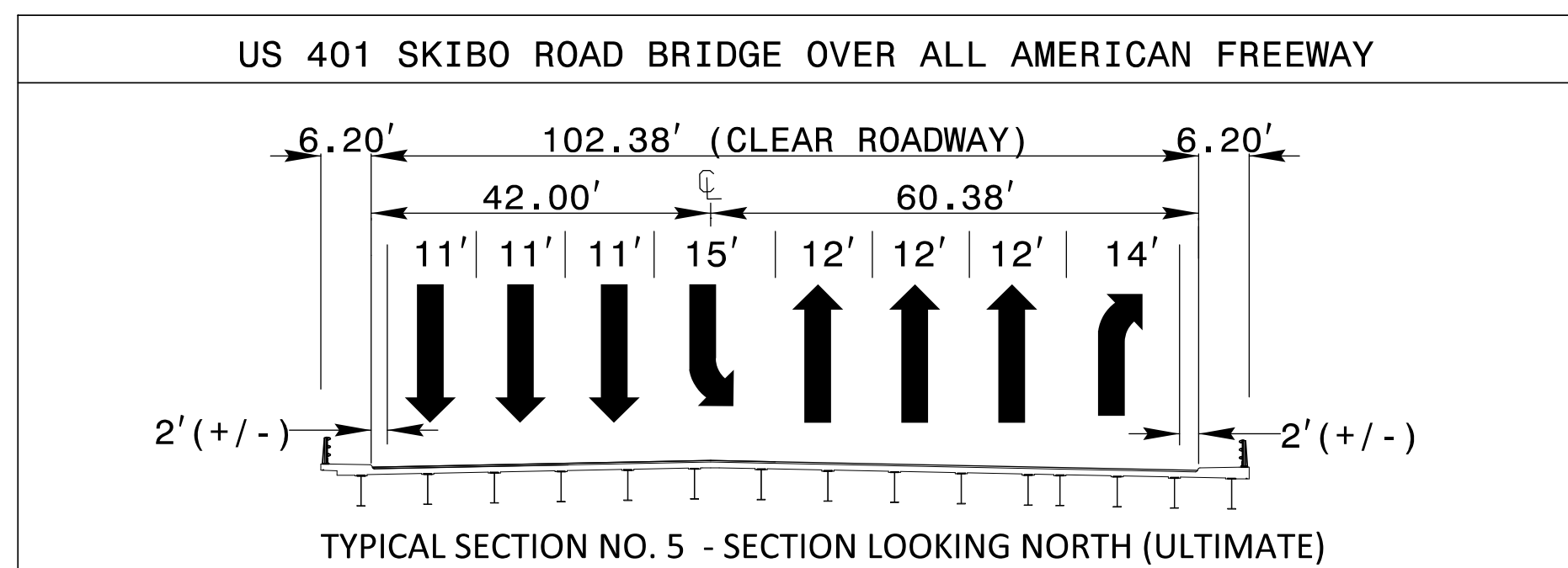
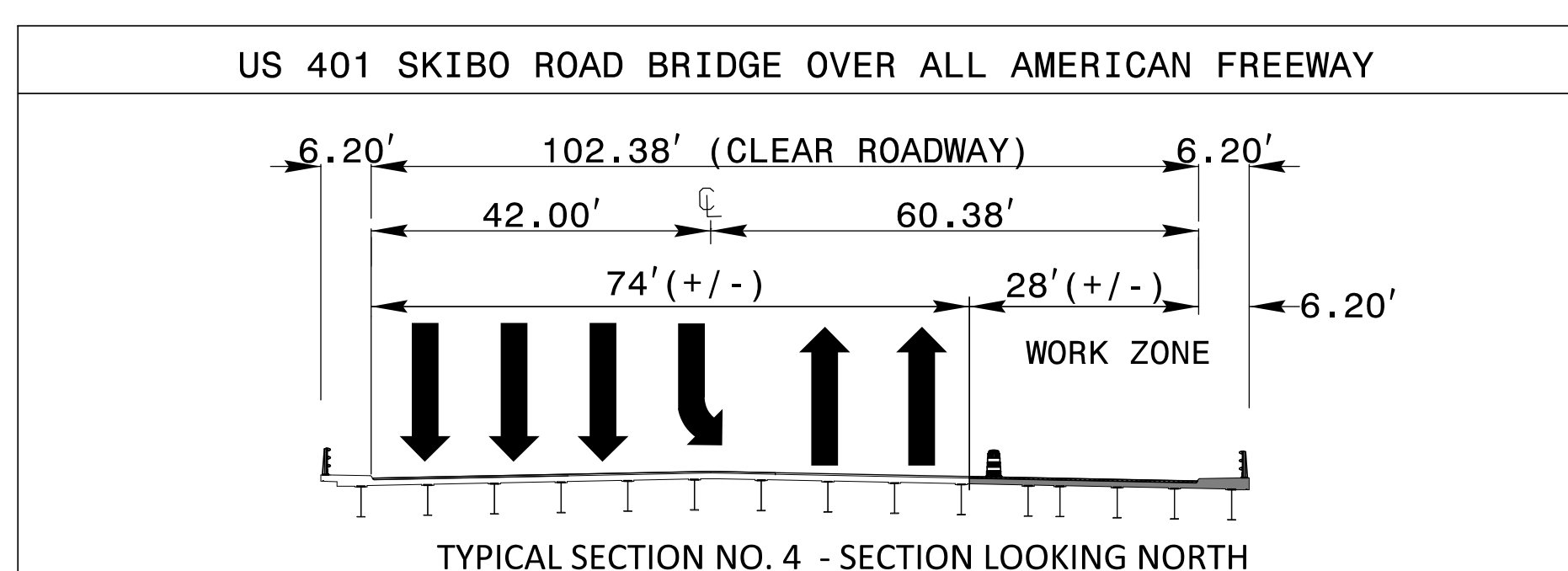
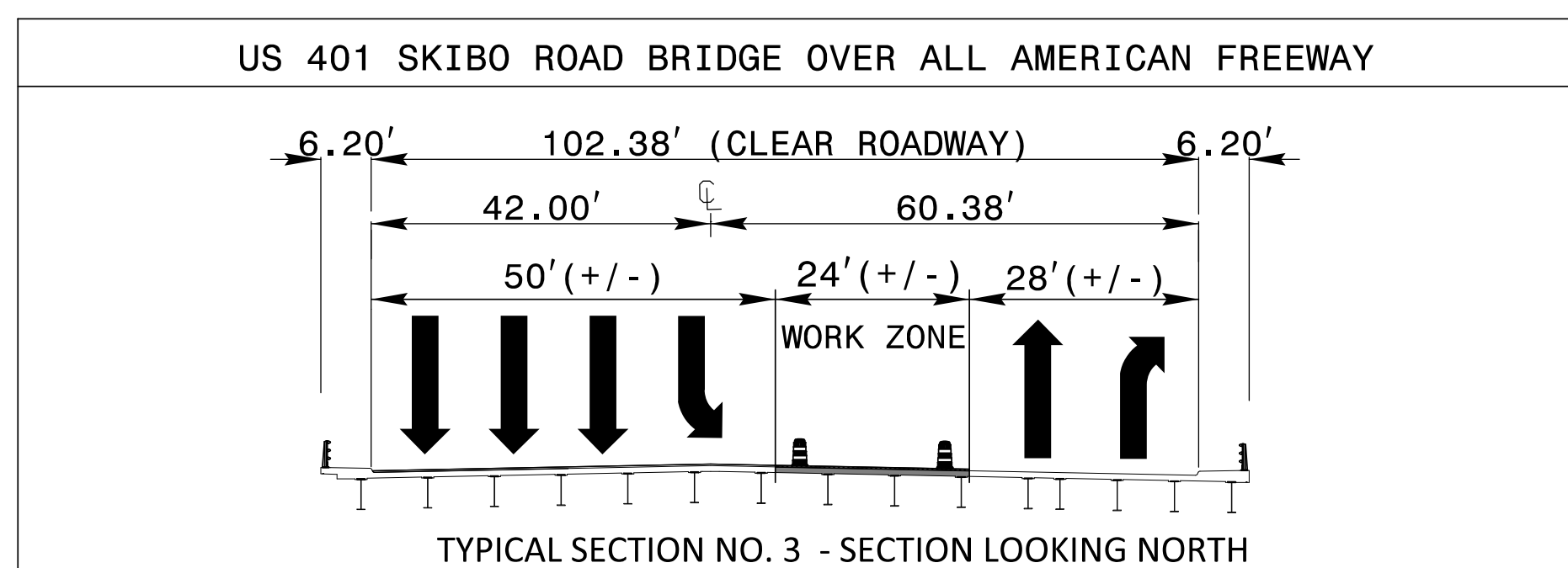
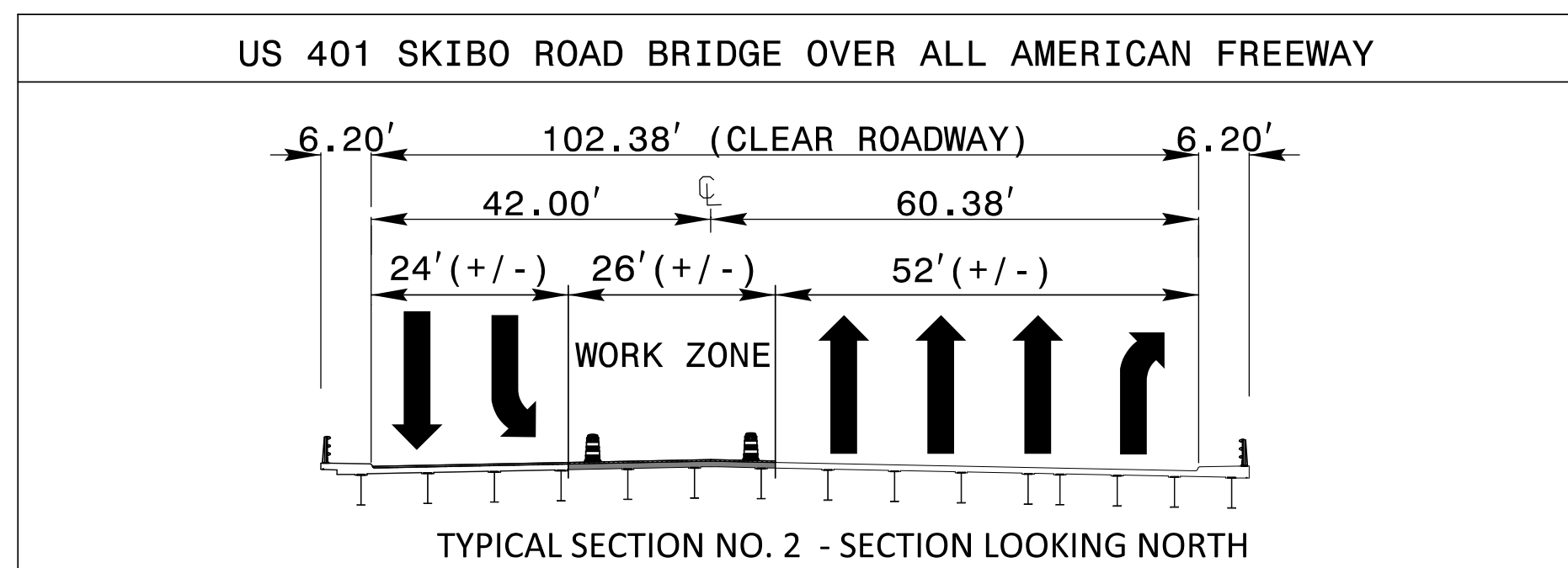
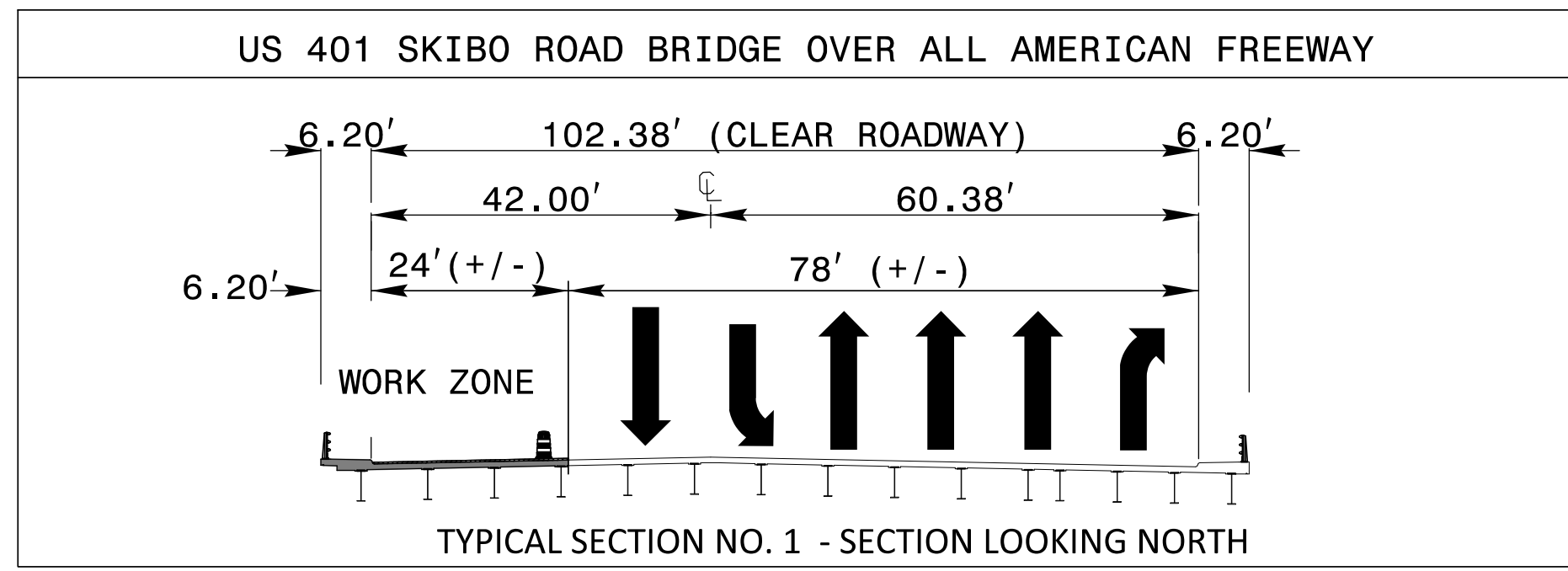
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[NC Lic. No. F-0270]

APPROVED: 

DATE: 12/20/2021

GENERAL NOTES



CONTRACTOR MAY UTILIZE SKINNY DRUMS ON THE BRIDGE DECK IN NON-TAPER LOCATIONS.
STANDARD DRUMS SHALL BE USED FOR ALL LANE TAPERS AND LANE SHIFTS ON THE ROADWAY APPROACH.

\$\$\$\$\$ SYSTEMS \$\$\$
\$\$\$\$\$ USER NAME \$\$\$

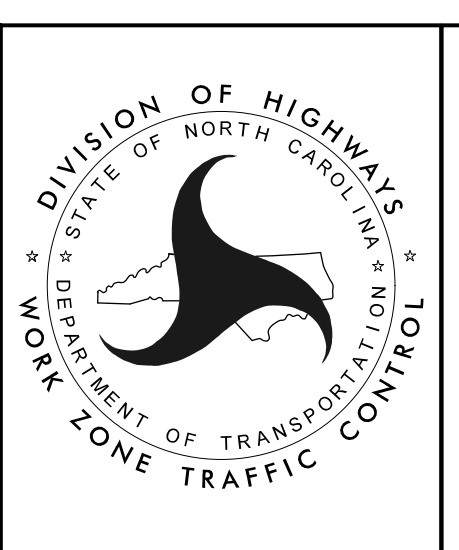
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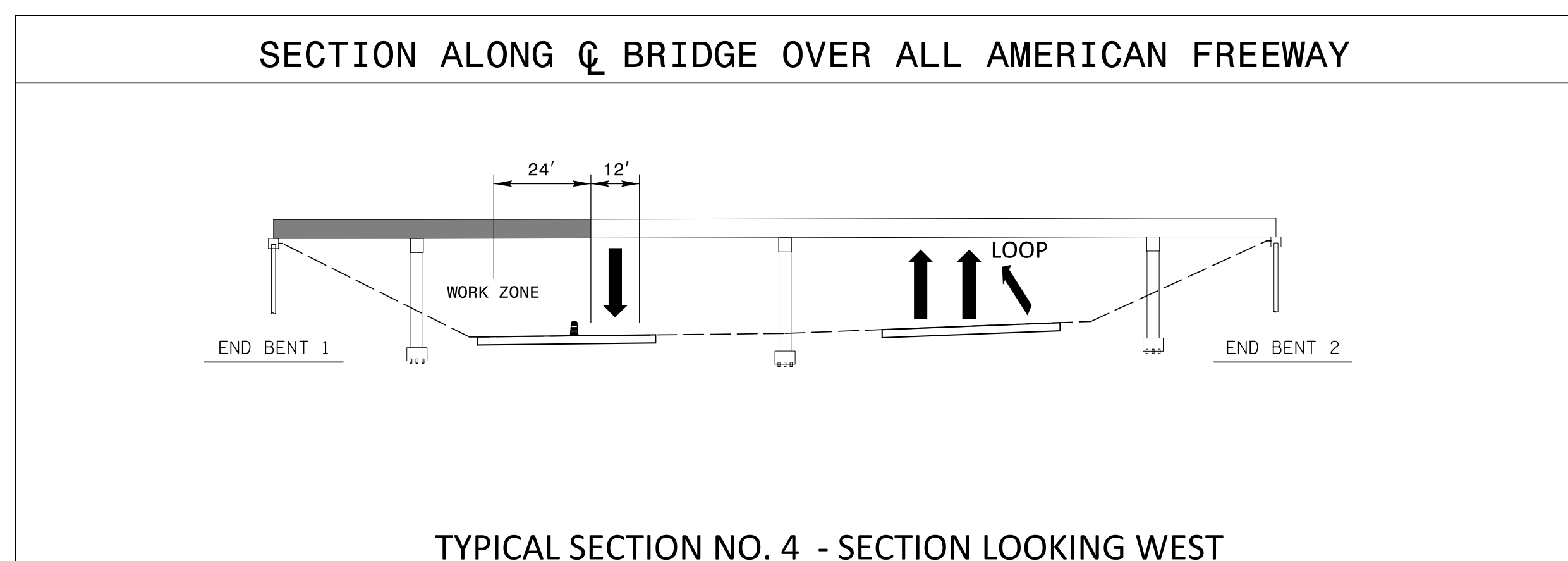
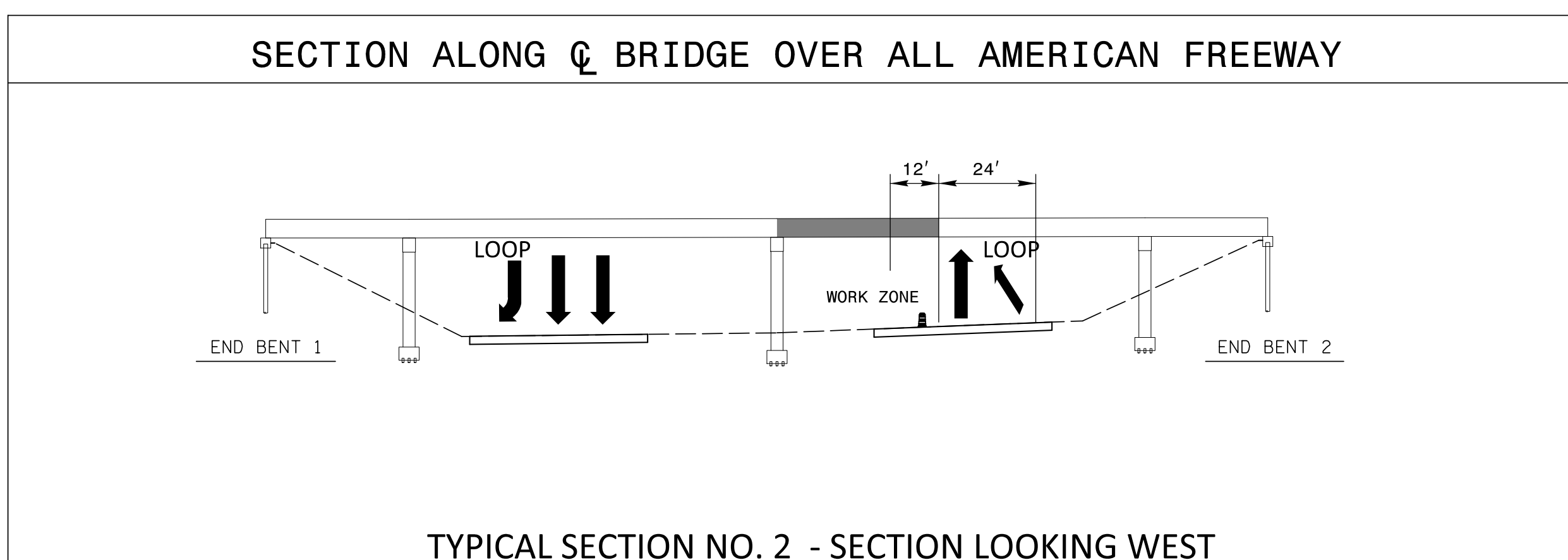
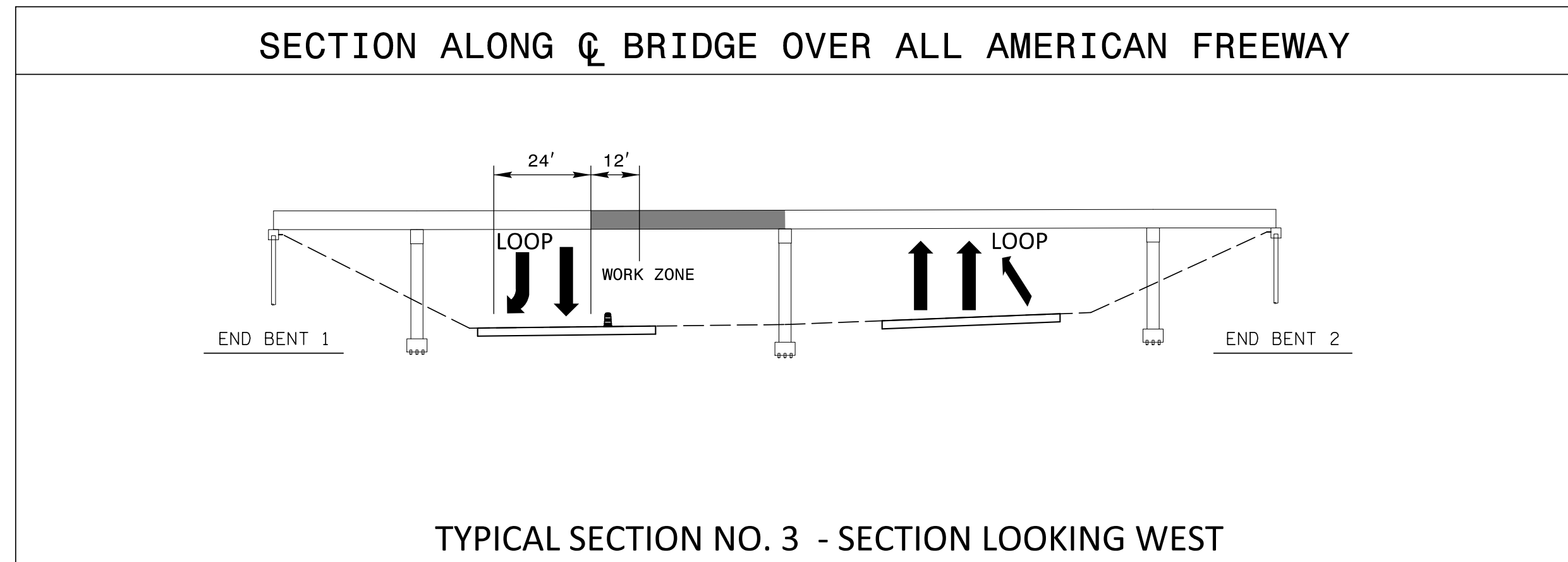
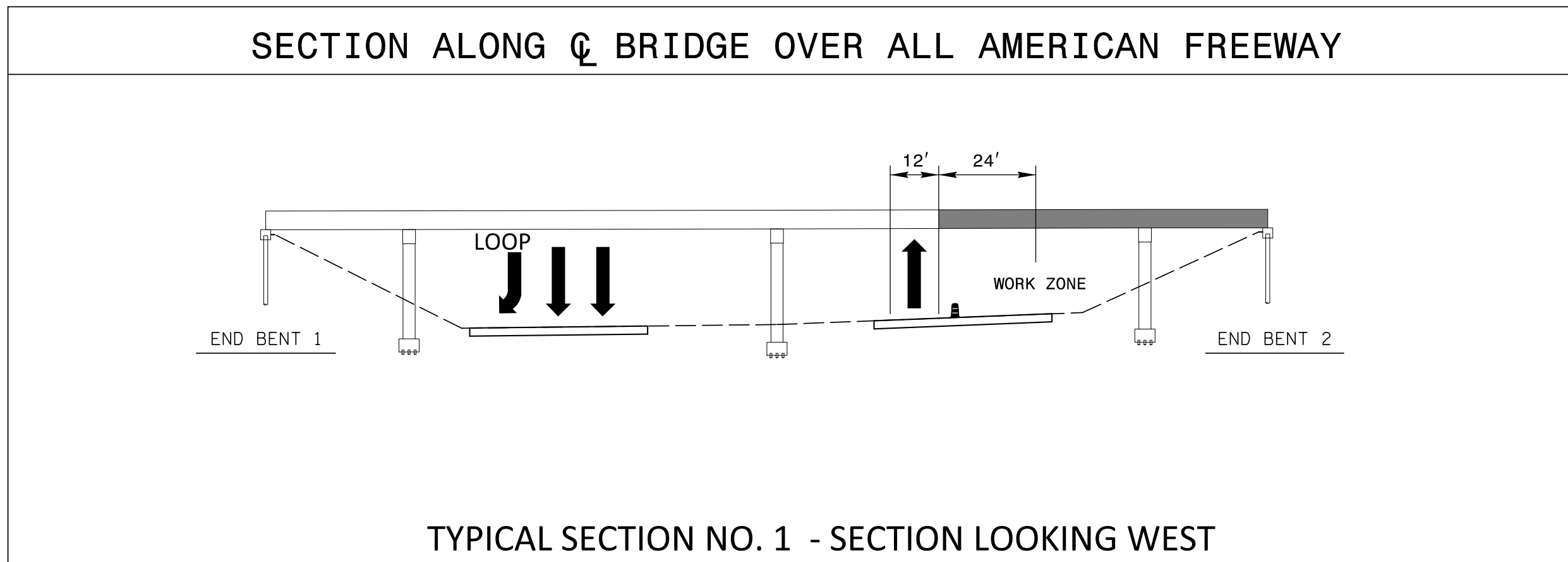
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US 401 SKIBO ROAD
WORK AREA
TYPICAL SECTIONS



\$\$\$ SYSTEMS \$\$\$
 \$\$\$ USER NAME \$\$\$

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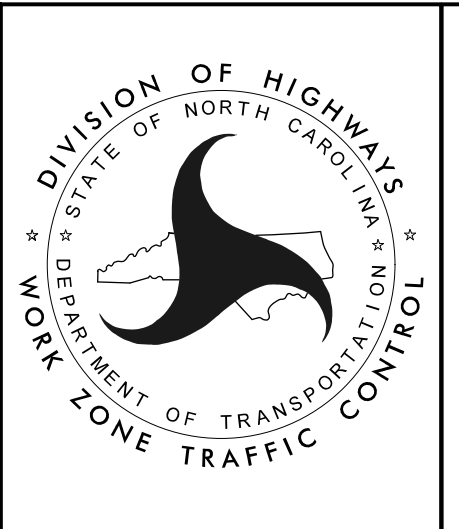
PLANS PREPARED BY:

Gannett Fleming
 Excellence Delivered As Promised

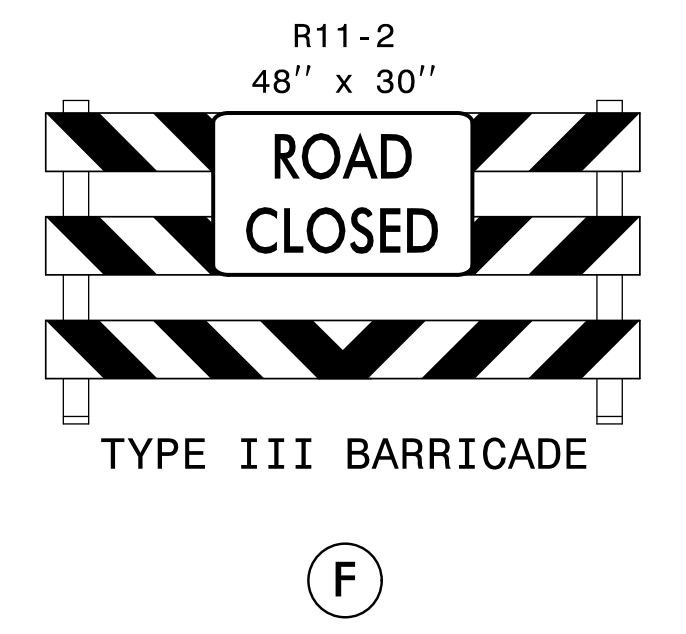
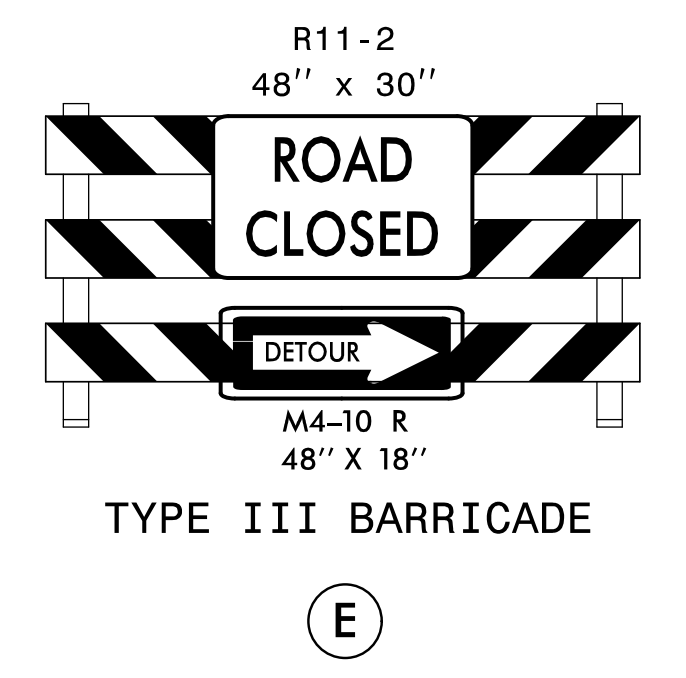
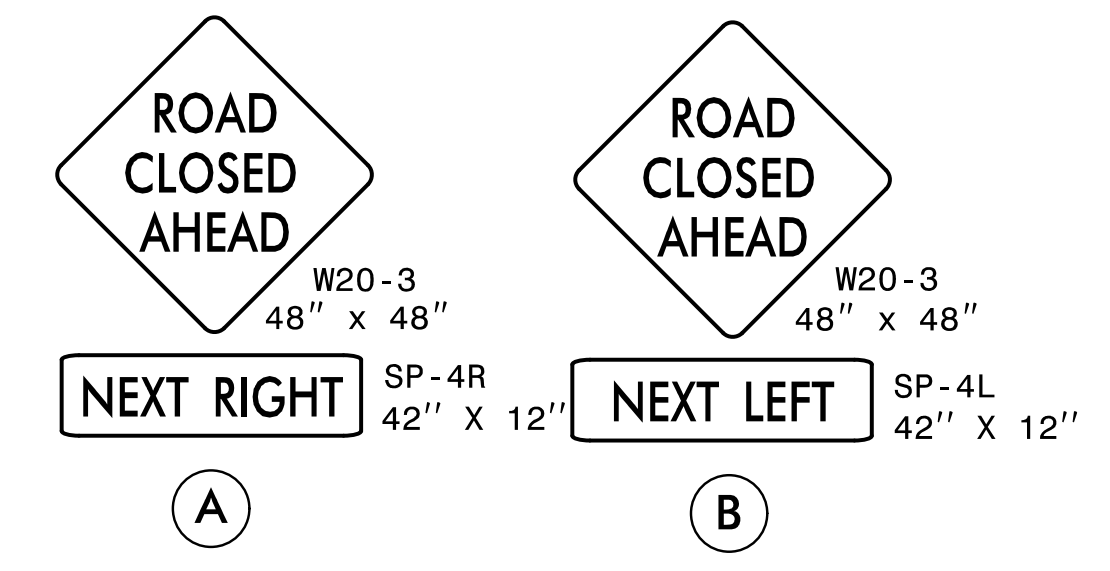
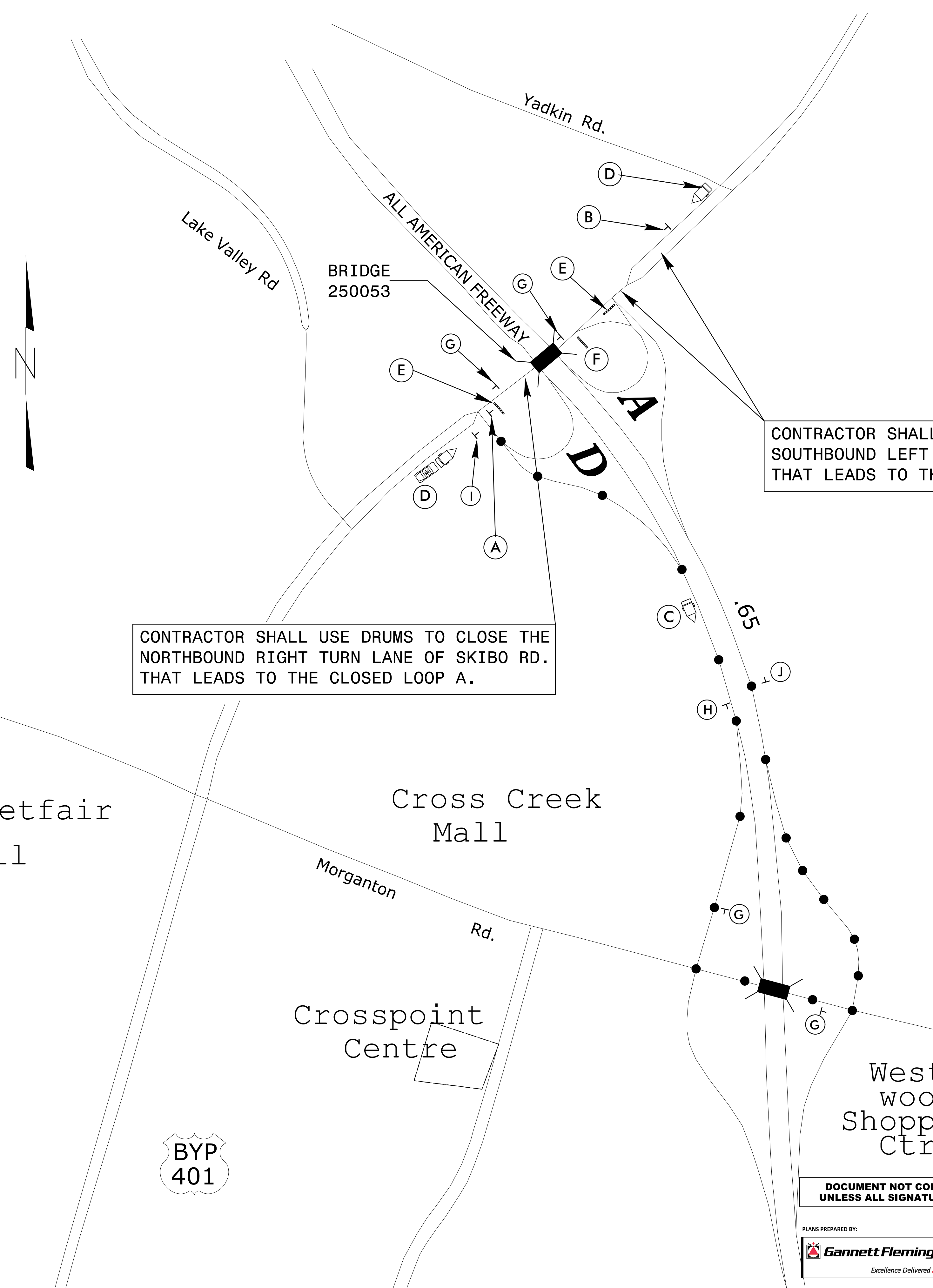
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APPROVED: *Andrew S. Fisher*

DATE: 12/3/2021

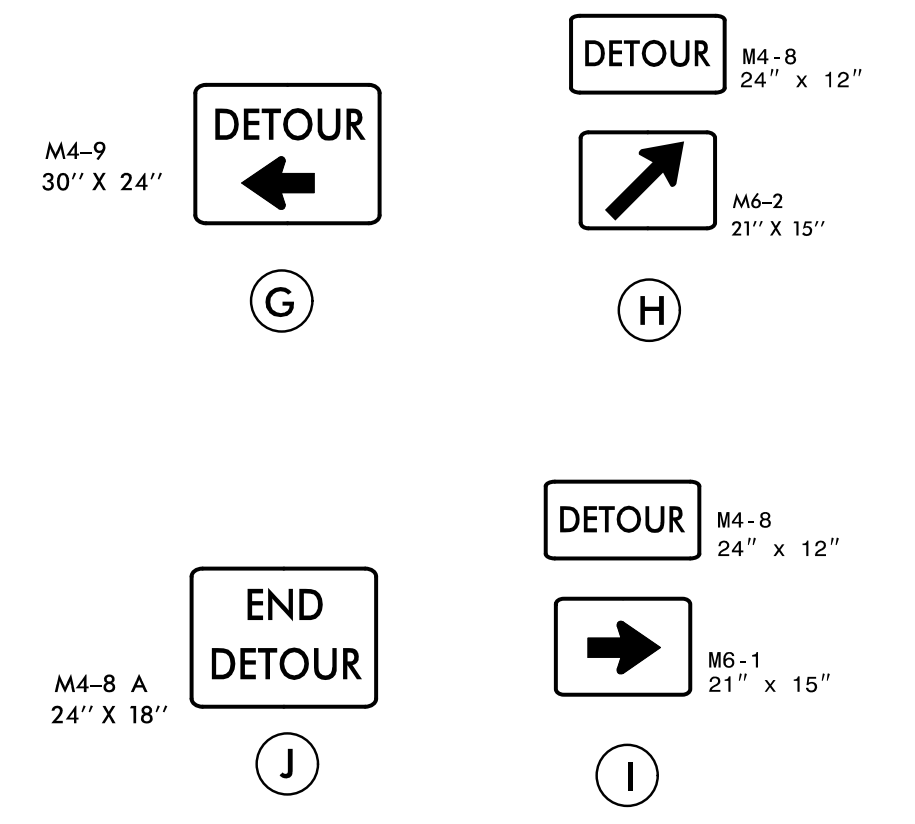
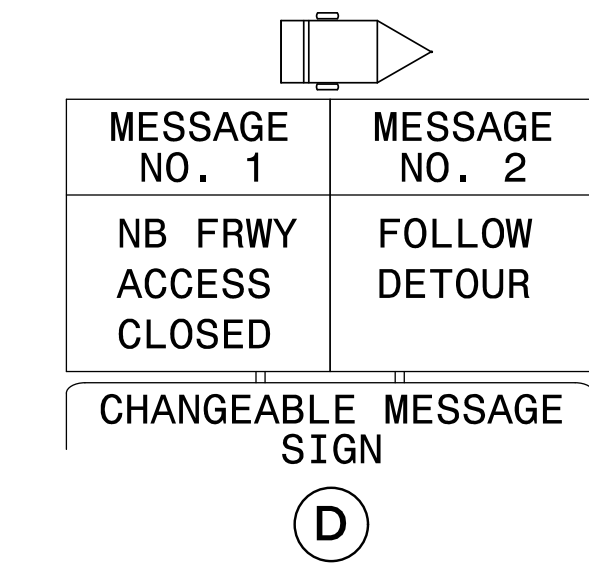
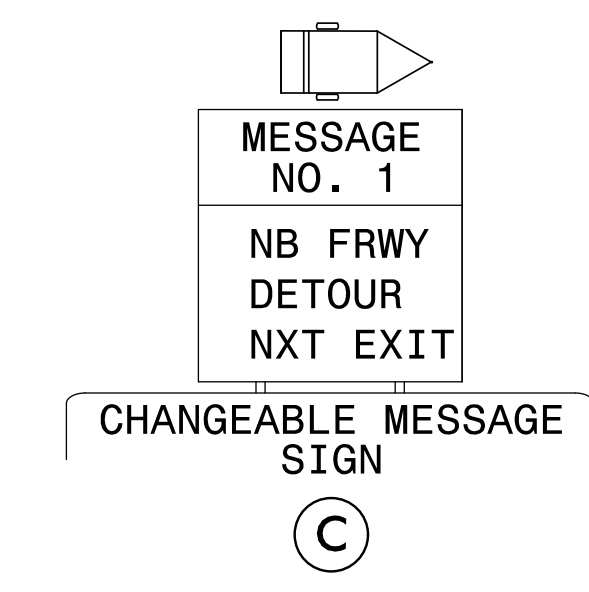


ALL AMERICAN FREEWAY
 WORK AREA
 TYPICAL SECTIONS



CONTRACTOR SHALL USE DRUMS TO CLOSE THE NORTHBOUND RIGHT TURN LANE OF SKIBO RD. THAT LEADS TO THE CLOSED LOOP A.

CONTRACTOR SHALL USE DRUMS TO CLOSE THE SOUTHBOUND LEFT TURN LANE OF SKIBO RD. THAT LEADS TO THE CLOSED LOOP A.



Marketfair Mall

Cross Creek Mall

Crosspoint Centre

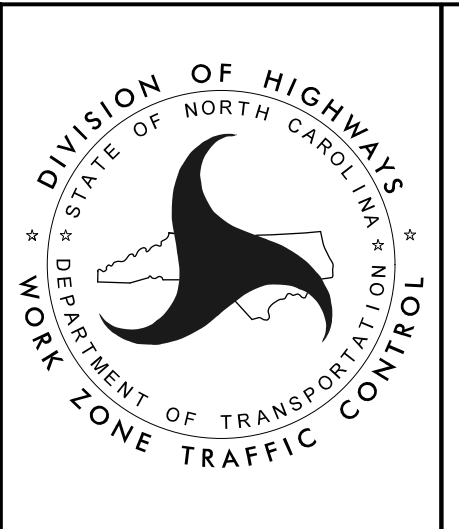
Westwood Shopping Ctr.



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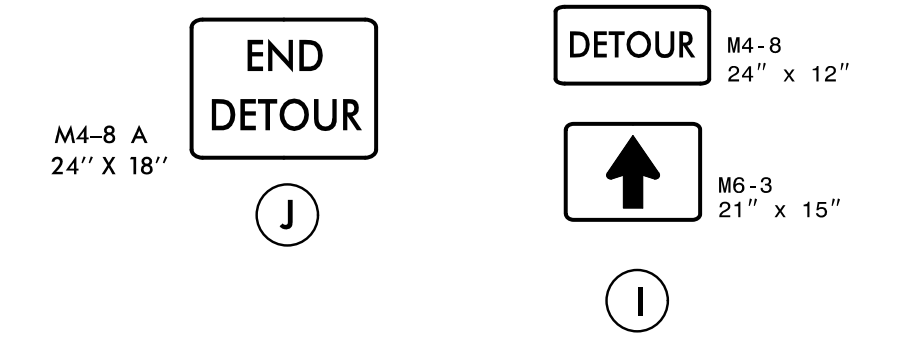
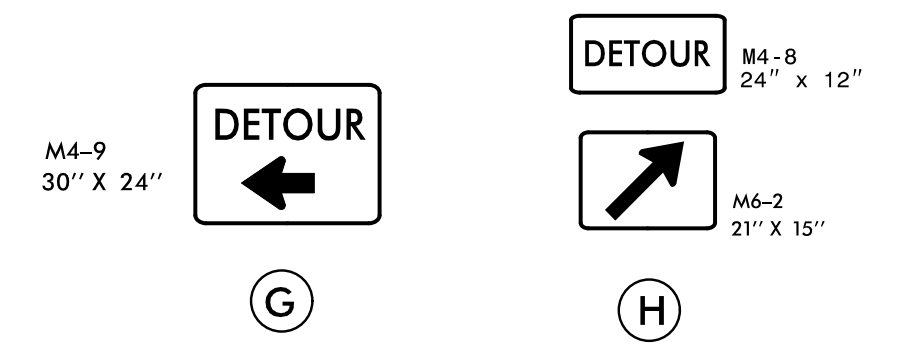
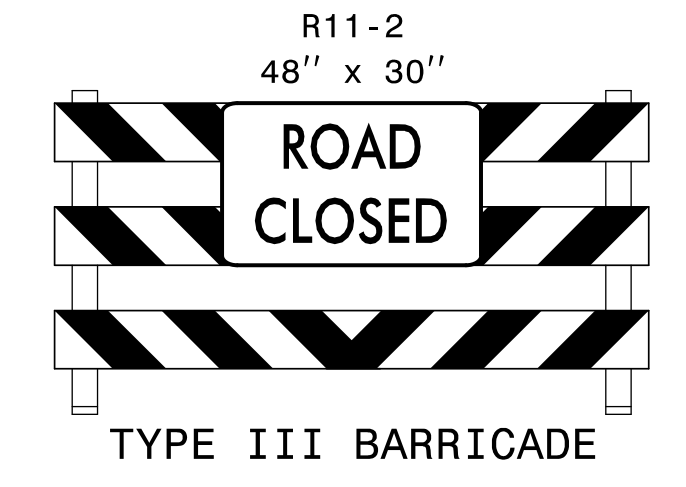
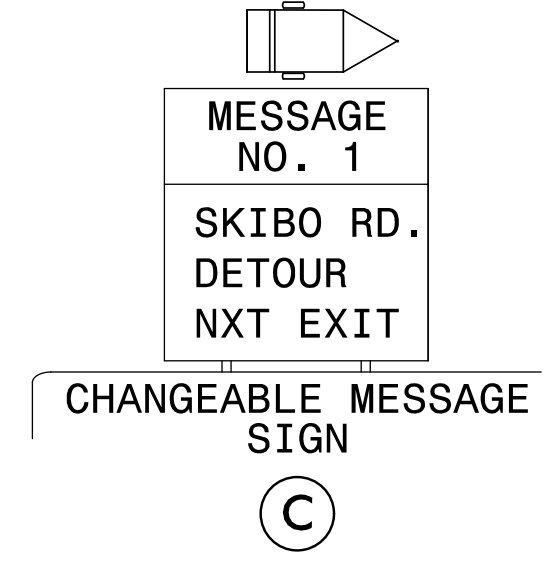
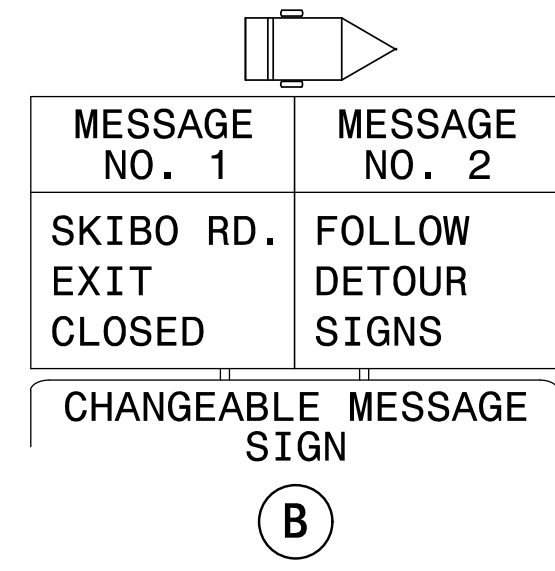
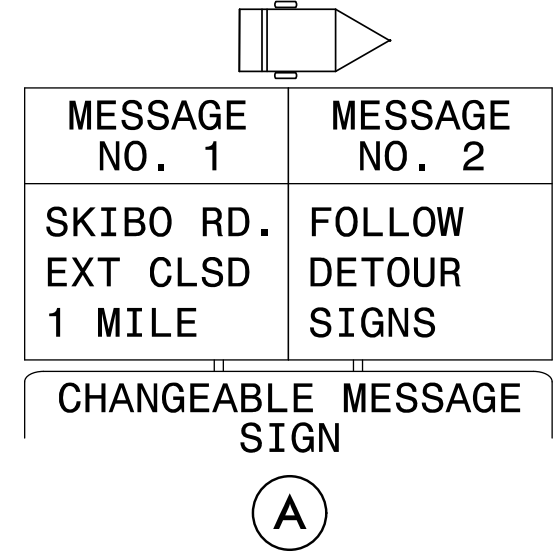
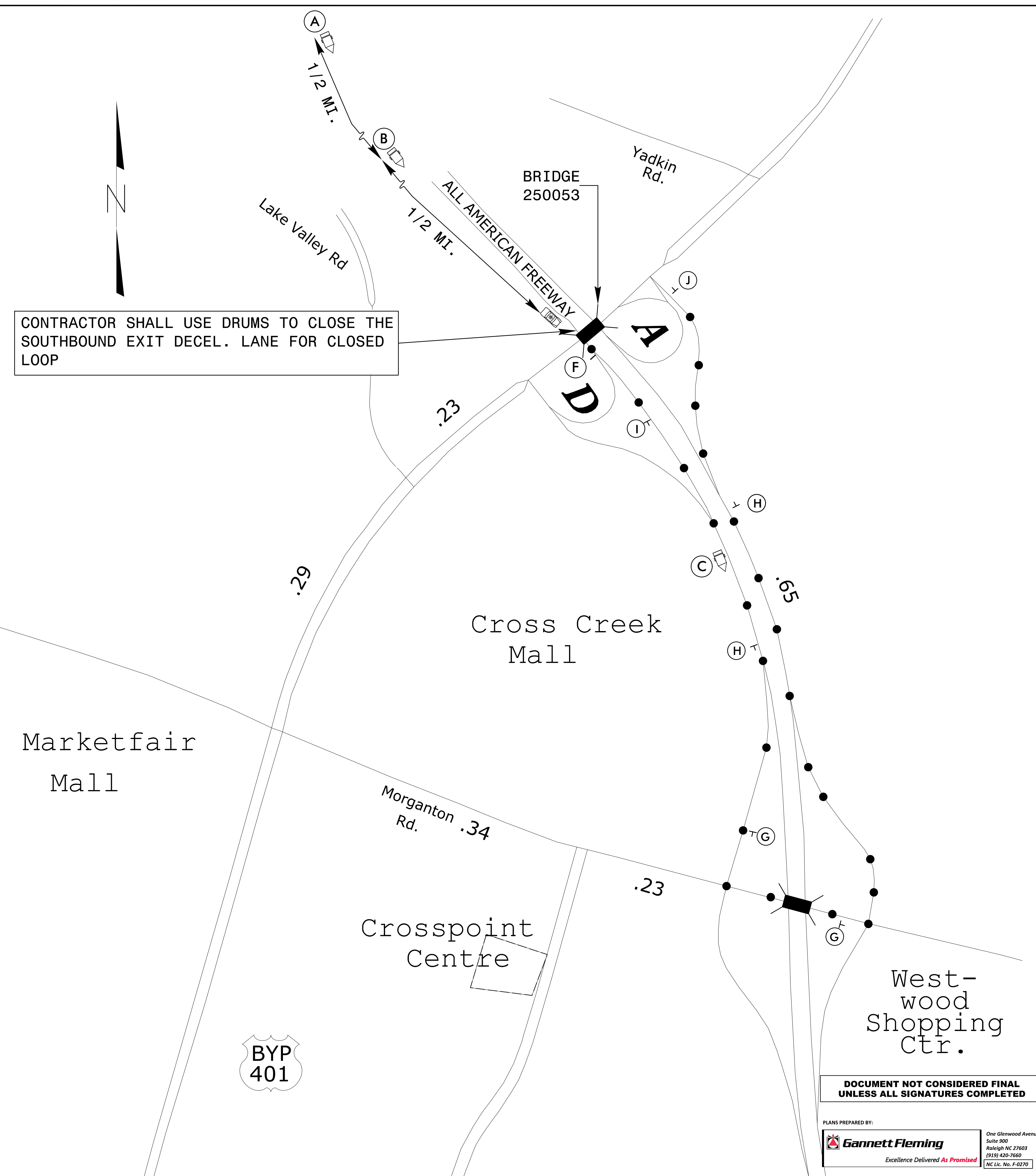
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APPROVED: *Andrew S. Fisher*
 DATE: 12/3/2021



LOOP A CLOSURE & OFFSITE DETOUR

\$\$\$\$\$ SYSTEMS \$\$\$
 \$\$\$ SERVER NAME \$\$\$

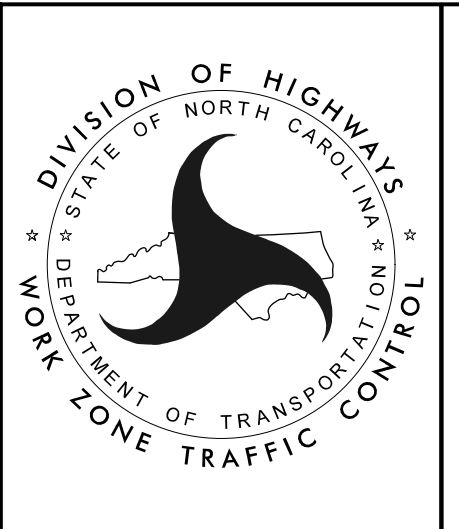


\$\$\$\$\$ SYSTEMS \$\$\$
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UNLESS ALL SIGNATURES COMPLETED**

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LOOP D CLOSURE &
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