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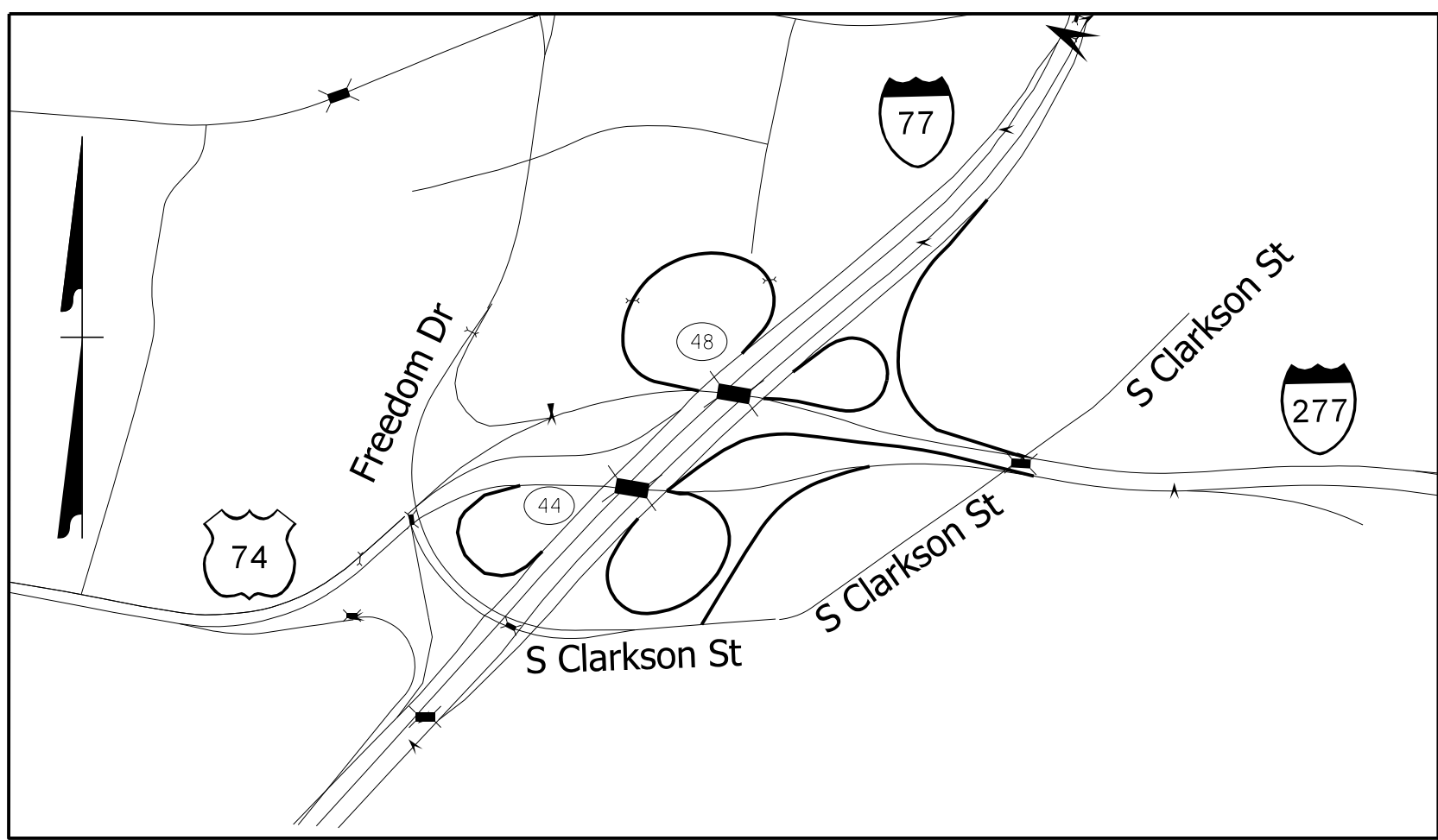
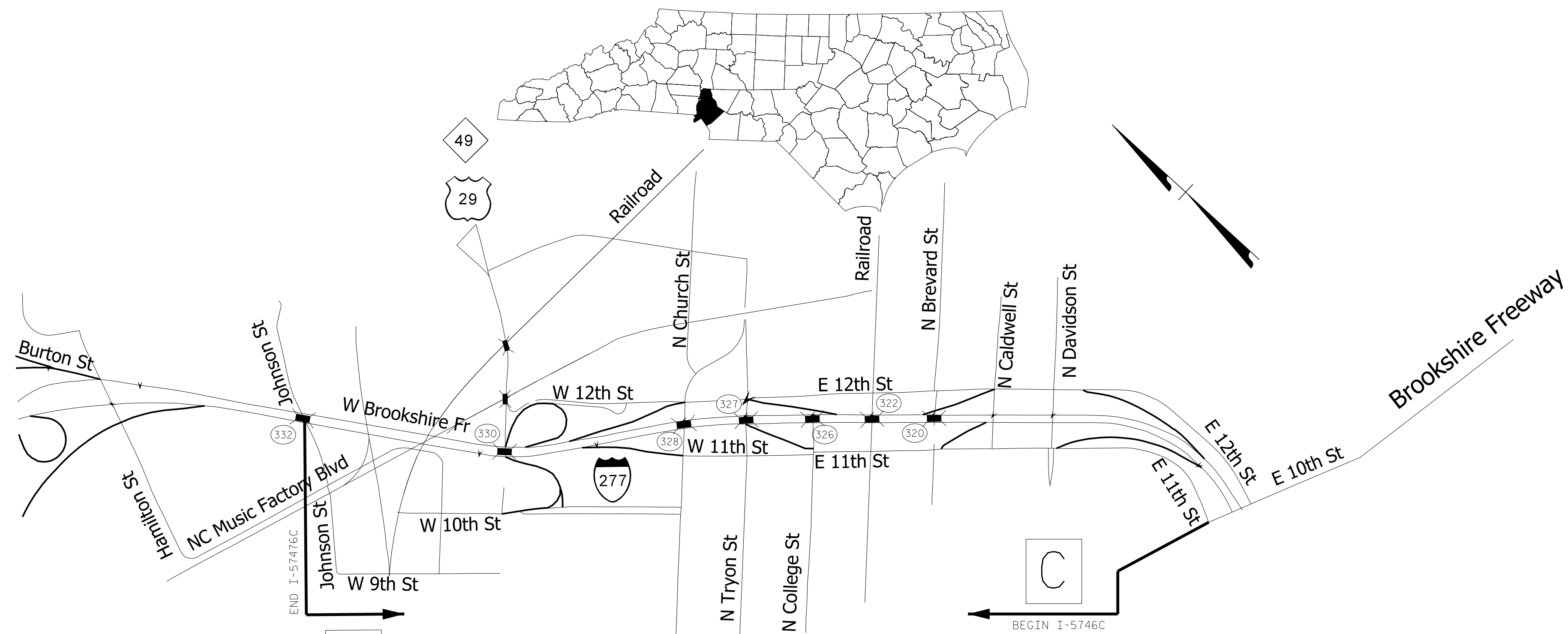
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STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

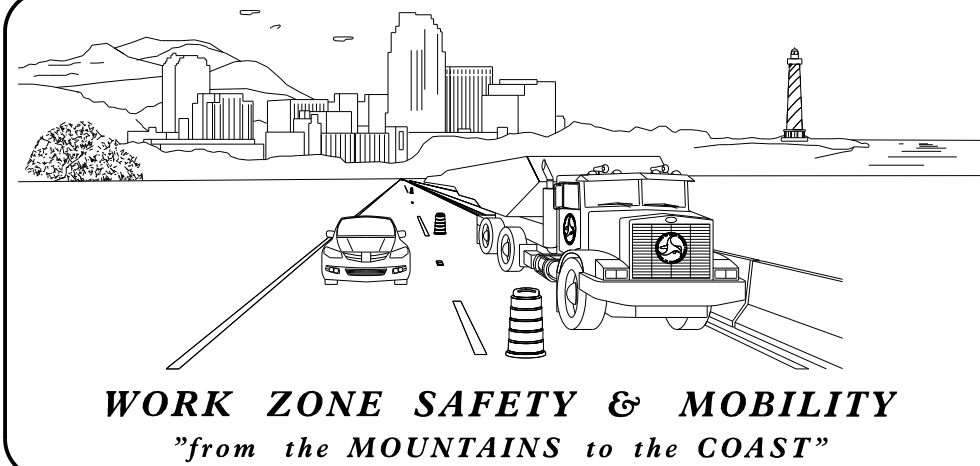
TRANSPORTATION MANAGEMENT PLAN

MECKLENBURG COUNTY
DIVISION 10

TYPE OF WORK: BRIDGE REHABILITATION AND PAVEMENT PRESERVATION

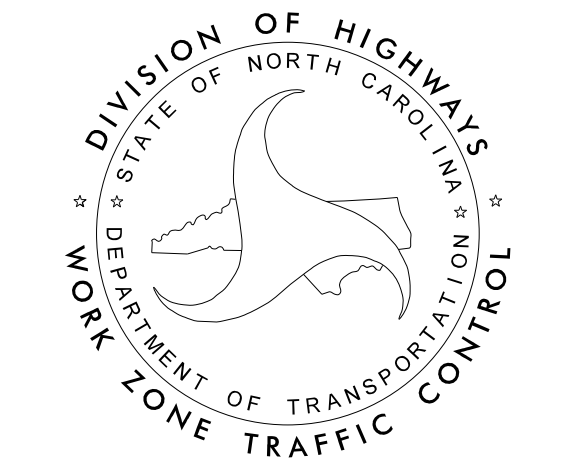


SEE SHEETS TMP-3 FOR VICINITY MAPS



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

JOSEPH E. HUMMER, PE STATE TRAFFIC MANAGEMENT ENGINEER
DON A. PARKER, PE TRAFFIC CONTROL PROJECT ENGINEER
KARMEN DAIS, PE TRAFFIC CONTROL PROJECT DESIGN ENGINEER
TRAFFIC CONTROL DESIGN ENGINEER



INDEX OF SHEETS

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NOTE: THIS FINAL SET COMBINES BOTH ORIGINAL DESIGN SETS FOR PAVEMENT PRESERVATION AND BRIDGE REHABILITATION PROJECTS WHICH WERE ORIGINALLY INTENDED TO BE LET SEPARATELY.

LANE AND SHOULDER CLOSURE REQUIREMENTS LISTED IN BOTH GENERAL NOTES APPLIES TO CONGRUENT BRIDGE REHABILITATION AND PAVEMENT PRESERVATION WORK.

DO NOT INSTALL MORE THAN THE LISTED LENGTH OF LANE CLOSURS IN ANY ONE DIRECTION ON I-277.

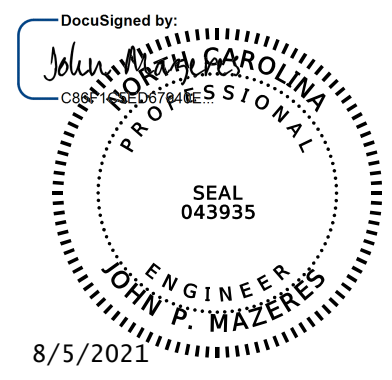
DO NOT INSTALL MORE THAN ONE LANE CLOSURE IN ANY DIRECTION ON I-277.

THE CONTRACTOR MAY COMBINE WORK ZONE DETAILS FOR BRIDGE AND ROADWAY PRESERVATION WORK WITH THE APPROVAL BY THE ENGINEER.

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Suite 1500
Raleigh, NC 27601
John P. Mazeris, PE No. 043935
NC Firm License No. C-1506



TIP PROJECT: I-5746C

8/5/2021 15746C-TC-TMP_COMBINED-TITLE SHEET_VICINITY MAP.dgn User:tduke

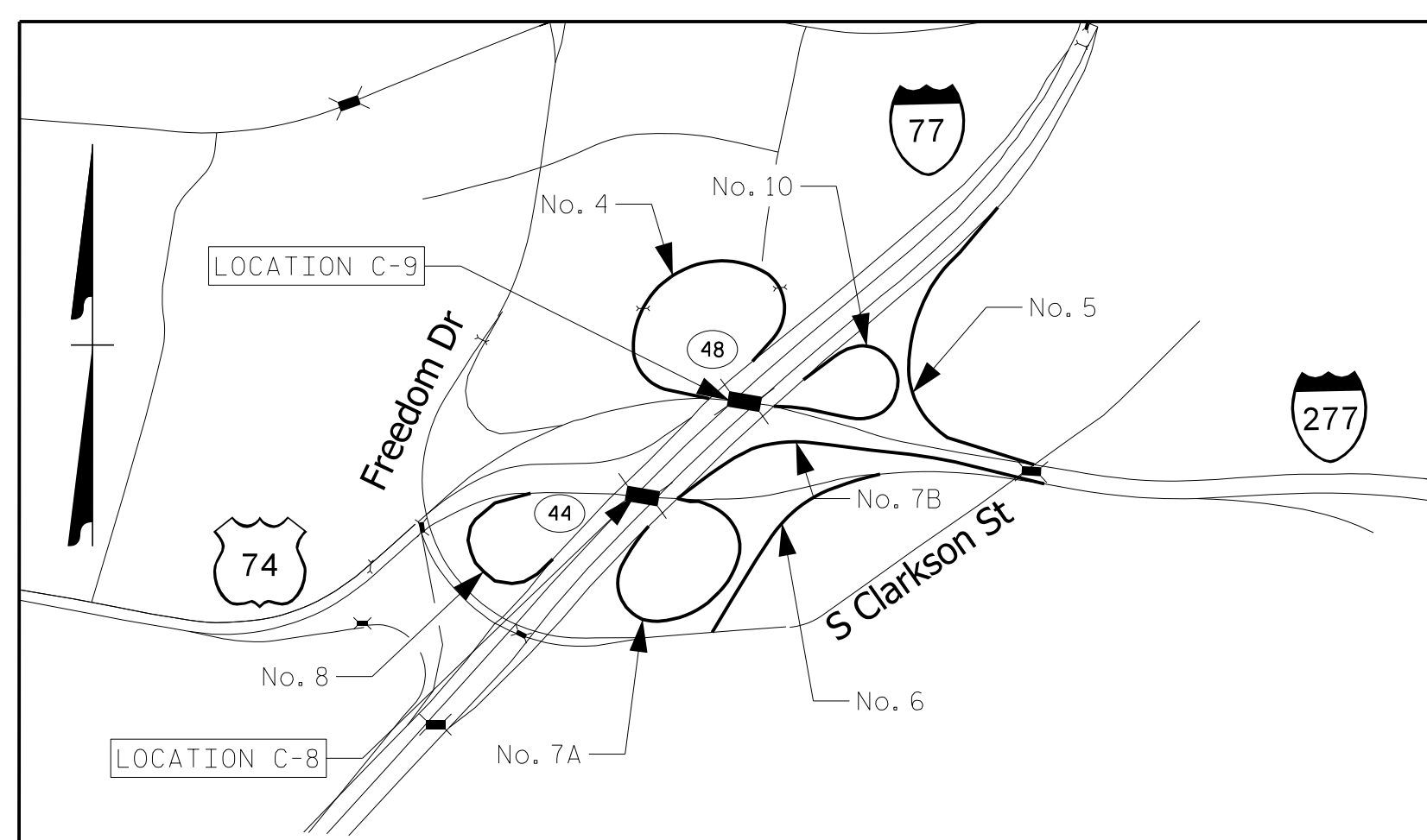
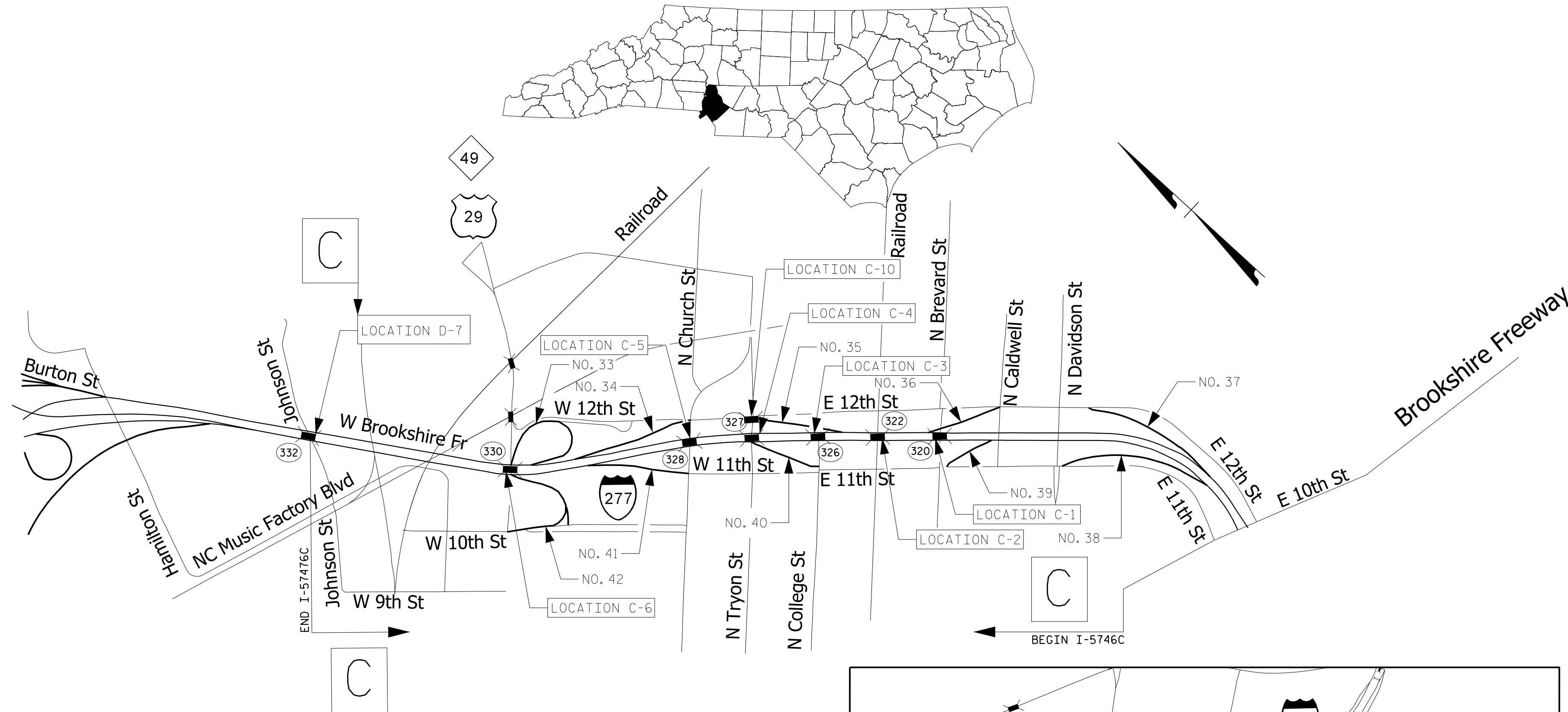
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

TRANSPORTATION MANAGEMENT PLAN

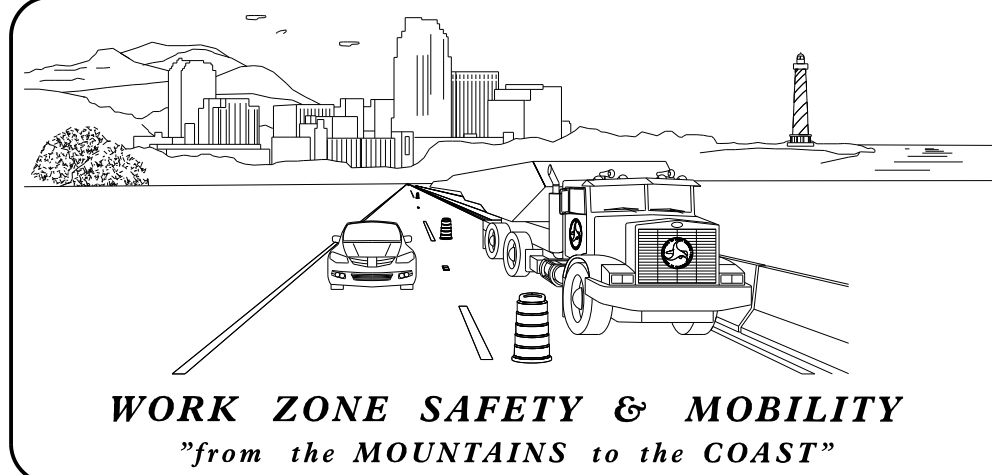
MECKLENBURG COUNTY

DIVISION 10

TYPE OF WORK: BRIDGE REHABILITATION

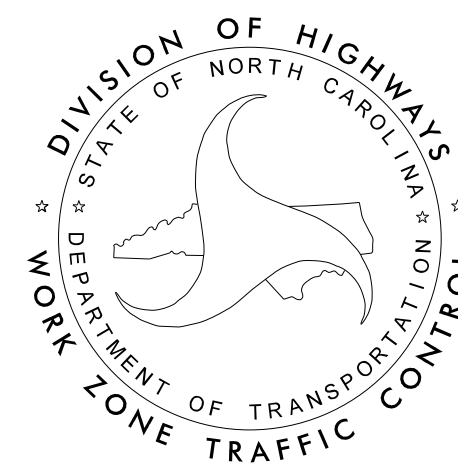


SEE SHEETS TMP-3 FOR VICINITY MAP



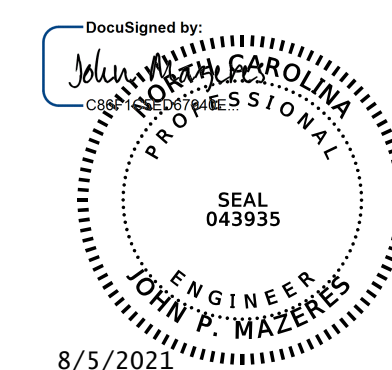
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 TRAFFIC CONTROL DESIGN ENGINEER



KCA
 KISINGER CAMPO
 & ASSOCIATES

Kisinger Campo & Associates Corp.
 301 Fayetteville St., Suite 1500
 Raleigh, NC 27601
 John P. Mazeres, PE No. 043935
 NC Firm License No. C-1506



8/5/2021

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SHEET NO.	TITLE
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SHEET NO.
TMP-1

TIP PROJECT: I-5746C

8/5/2021
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User: jduke

ROADWAY STANDARD DRAWINGS

THE FOLLOWING ROADWAY STANDARDS AS SHOWN IN "ROADWAY STANDARD DRAWINGS" - 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 WARNING SIGNS
1101.02	TEMPORARY LANE CLOSURES
1101.03	TEMPORARY ROAD CLOSURES
1101.04	TEMPORARY SHOULDER CLOSURES
1101.05	WORK ZONE VEHICLE ACCESSES
1101.06	WARNING SIGNS FOR BLASTING ZONES
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
1160.01	TEMPORARY CRASH CUSHION
1165.01	TRUCK MOUNTED ATTENUATOR
1170.01	PORTABLE CONCRETE BARRIER
1180.01	SKINNY - DRUMS
1205.01	PAVEMENT MARKINGS - LINE TYPES AND OFFSETS
1205.02	PAVEMENT MARKINGS - TWO LANE AND MULTILANE ROADWAYS
1205.03	PAVEMENT MARKINGS - EXITS AND ENTRANCE RAMP
1205.04	PAVEMENT MARKINGS - INTERSECTIONS
1205.05	PAVEMENT MARKINGS - TURN LANES
1205.06	PAVEMENT MARKINGS - LANE DROPS
1205.07	PAVEMENT MARKINGS - PEDESTRIAN CROSSWALKS
1205.08	PAVEMENT MARKINGS - SYMBOLS AND WORD MESSAGES
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1205.10	PAVEMENT MARKINGS - SCHOOL AREAS
1205.11	PAVEMENT MARKINGS - RAILROAD CROSSINGS
1205.12	PAVEMENT MARKINGS - BRIDGES
1205.13	PAVEMENT MARKINGS - LANE REDUCTIONS
1205.14	PAVEMENT MARKINGS - ROUNDABOUTS
1205.15	PAVEMENT MARKINGS - SUPERSTREETS
1250.01	RAISED PAVEMENT MARKERS - INSTALLATION SPACING
1251.01	RAISED PAVEMENT MARKERS - (PERMANENT AND TEMPORARY)
1261.01	GUARDRAIL AND BARRIER DELINEATORS - INSTALLATION SPACING
1261.02	GUARDRAIL AND BARRIER DELINEATORS - TYPES AND MOUNTING
1262.01	GUARDRAIL END DELINEATION
1264.01	OBJECT MARKERS - TYPES
1264.02	OBJECT MARKERS - INSTALLATION

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

USER DEFINED (IF NEEDED)

USER DEFINED (IF NEEDED)

SIGNALS

- EXISTING
- PROPOSED
- TEMPORARY

PAVEMENT MARKINGS

- EXISTING LINES
- TEMPORARY LINES

TEMPORARY PAVEMENT MARKING

- P6 - 6" WHITE PAINT EDGELINE
- P7 - 6" YELLOW PAINT EDGELINE
- PL - 6" WHITE PAINT SOLID LANE LINE
- PK - 6" WHITE PAINT MINISKIP
- C6 - 6" WHITE PLASTIC EDGELINE
- C7 - 6" YELLOW PLASTIC EDGELINE
- CL - 6" WHITE PLASTIC SOLID LANE LINE
- CK - 6" WHITE PLASTIC MINISKIP
- PR - 8" WHITE SOLID LANE LINE

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

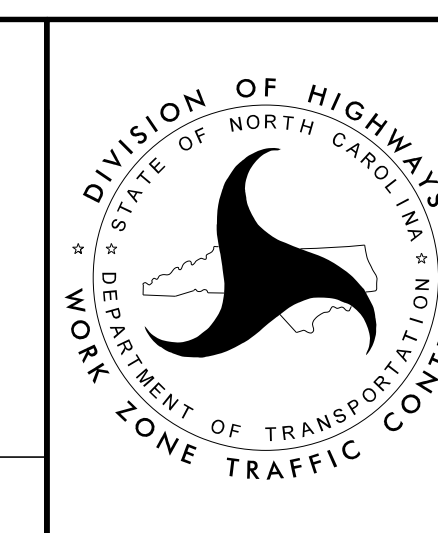
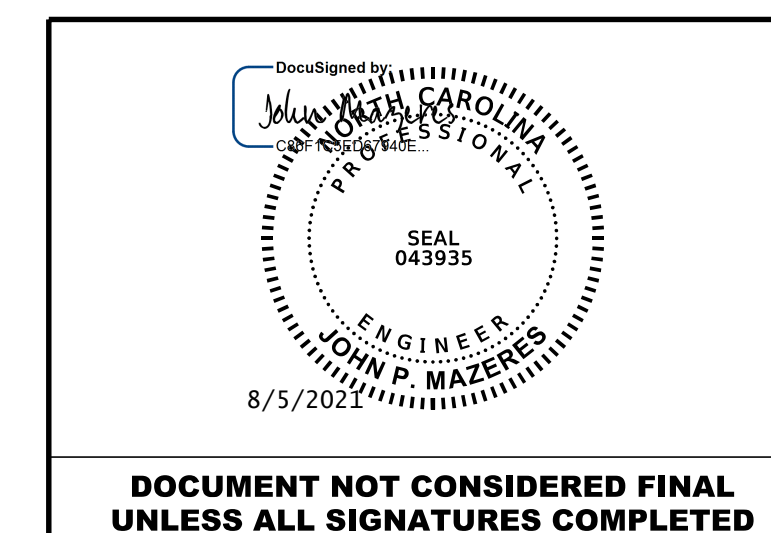
PAVEMENT MARKERS

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

PAVEMENT MARKING SYMBOLS

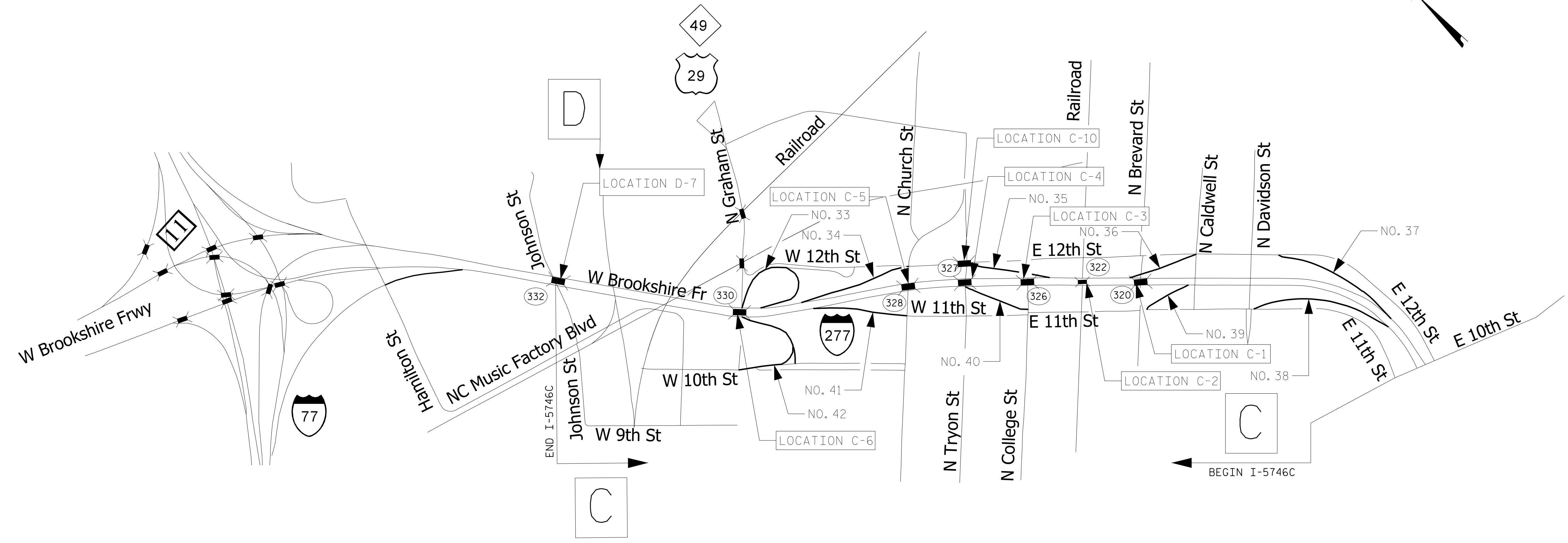
- PAVEMENT MARKING SYMBOLS

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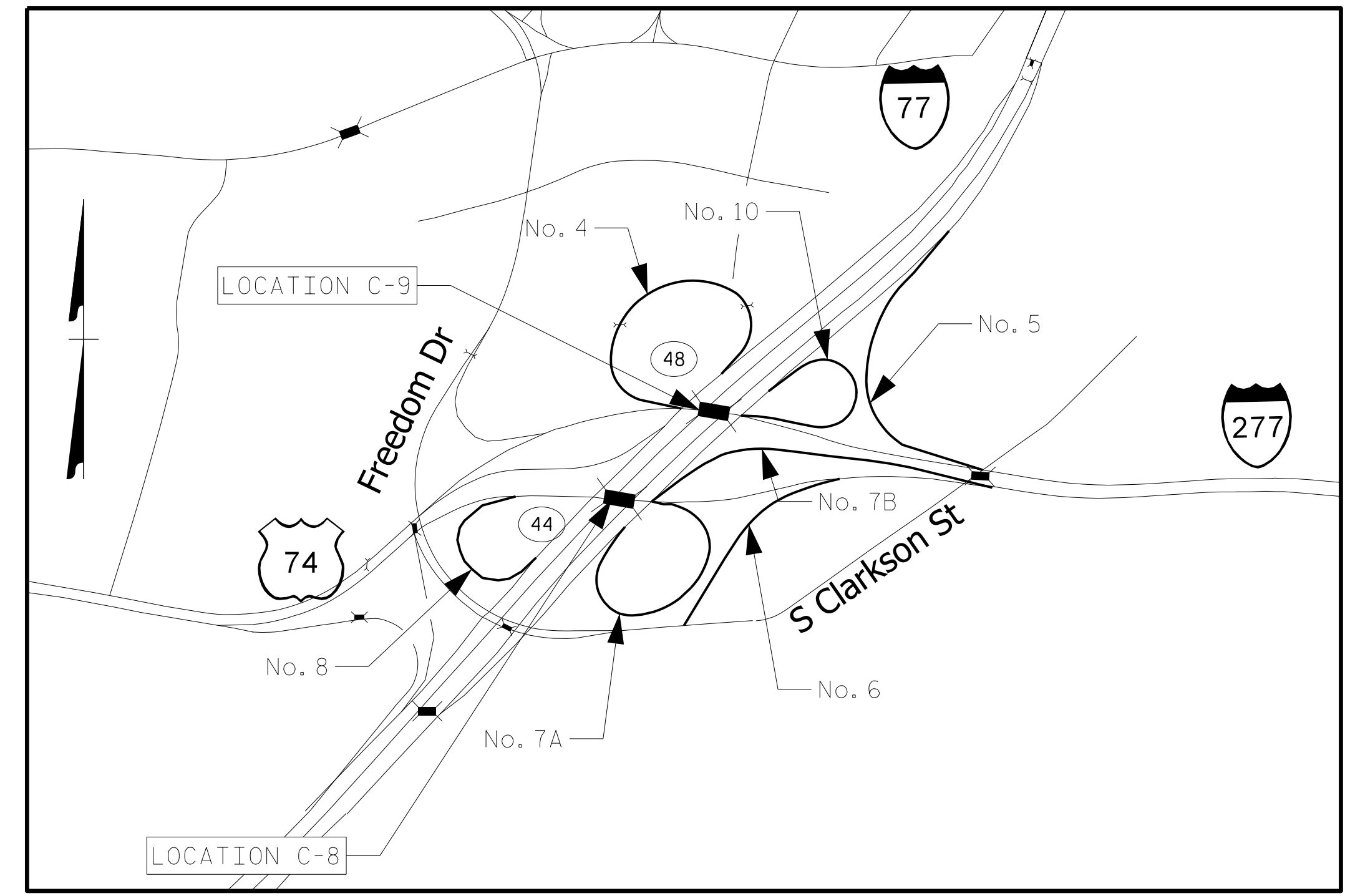


ROADWAY STANDARD DRAWINGS & LEGEND

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- LEGEND:
- BRIDGE Nos.
 - BRIDGE LOCATIONS
 - RAMPS
 - PROJECT SEGMENTS



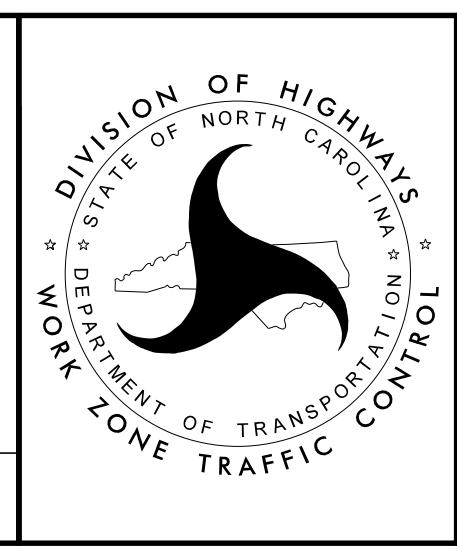
"LOCATION X-Y" WHERE X IS THE SEGMENT NUMBER AND Y IS THE LOCATION NUMBER WITHIN THE SEGMENT. FOR EXAMPLE BRIDGE 320 WILL BE CALLED OUT AS LOCATION C-1.

8/5/2021 2:00:33 PM I-5746C-TMP-3-BRIDGE REHABILITATION VICINITY MAP.dgn User: jduke

DocuSigned by:

ENGINEER
 JOHN P. MAZERES
 8/5/2021

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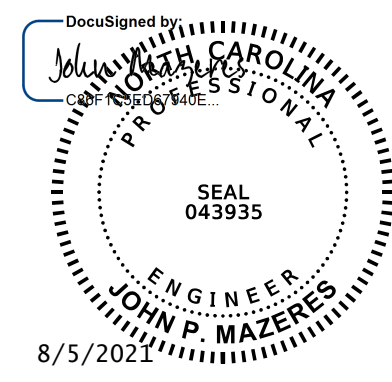
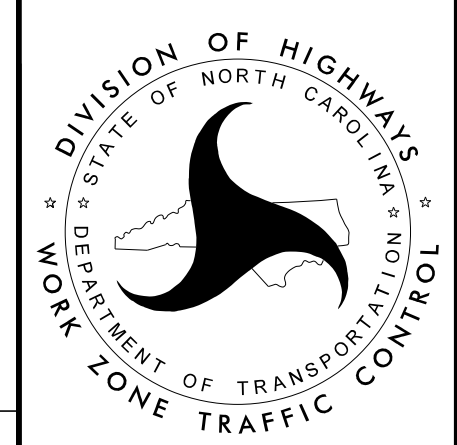
**BRIDGE
 REHABILITATION
 VICINITY MAP
 SEGMENTS C AND D**

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 <small>Kisinger Campo & Associates Corp. 301 Fayetteville St., Suite 1500 Raleigh, NC 27601 John P. Mazeres, PE No. 043935 NC Firm License No. C-1506</small>	
BRIDGE REHABILITATION	

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TMP-1	TITLE SHEET, VICINITY MAP	TMP-34	LANE CLOSURE DETAIL BRIDGE 320 NB STEP 1 OF 2
TMP-2	ROADWAY STANDARD DRAWINGS & LEGEND	TMP-35	LANE CLOSURE DETAIL BRIDGE 320 NB STEP 2 OF 2
TMP-3	BRIDGE REHABILITATION VICINITY MAP	TMP-36	LANE CLOSURE DETAIL BRIDGE 322 NB STEP 1 OF 2
TMP-4	INDEX	TMP-37	LANE CLOSURE DETAIL BRIDGE 322 NB STEP 2 OF 2
TMP-5	GENERAL NOTES	TMP-38	LANE CLOSURE DETAIL BRIDGE 326 NB STEP 1 OF 2
TMP-6A	PHASING NOTES 1 OF 3	TMP-39	LANE CLOSURE DETAIL BRIDGE 326 NB STEP 2 OF 2
TMP-6B	PHASING NOTES 2 OF 3	TMP-40	LANE CLOSURE DETAIL BRIDGE 327 NB STEP 1 OF 2
TMP-6C	PHASING NOTES 3 OF 3	TMP-41	LANE CLOSURE DETAIL BRIDGE 327 NB STEP 2 OF 2
TMP-6D	PEDESTRIAN DETOUR - FULL SIDEWALK CLOSURE	TMP-42	LANE CLOSURE DETAIL BRIDGE 328 NB STEP 1 OF 2
TMP-6E	PEDESTRIAN DETOUR - INDIVIDUAL SHUTDOWNS	TMP-43	LANE CLOSURE DETAIL BRIDGE 328 NB STEP 2 OF 2
TMP-6F	PEDESTRIAN DETOUR - FOR BRIDGE #138	TMP-44	LANE CLOSURE DETAIL BRIDGE 330 NB STEP 1 OF 2
TMP-7	OFFSITE DETOUR 33 SIGNING AND ROAD CLOSURE SIGNING	TMP-45	LANE CLOSURE DETAIL BRIDGE 330 NB STEP 2 OF 2
TMP-8	OFFSITE DETOUR 34 SIGNING AND ROAD CLOSURE SIGNING	TMP-46	LANE CLOSURE DETAIL BRIDGE 332 NB STEP 1 OF 2
TMP-9	OFFSITE DETOUR 35 SIGNING AND ROAD CLOSURE SIGNING	TMP-47	LANE CLOSURE DETAIL BRIDGE 332 NB STEP 2 OF 2
TMP-10	OFFSITE DETOUR 36 SIGNING AND ROAD CLOSURE SIGNING	TMP-48	LANE CLOSURE DETAIL BRIDGE 332 SB STEP 1 OF 2
TMP-11	OFFSITE DETOUR 37 SIGNING AND ROAD CLOSURE SIGNING	TMP-49	LANE CLOSURE DETAIL BRIDGE 332 SB STEP 2 OF 2
TMP-12	OFFSITE DETOUR 38 SIGNING AND ROAD CLOSURE SIGNING	TMP-50	LANE CLOSURE DETAIL BRIDGE 330 SB STEP 1 OF 2 (1 OF 2)
TMP-13	OFFSITE DETOUR 39 SIGNING AND ROAD CLOSURE SIGNING	TMP-51	LANE CLOSURE DETAIL BRIDGE 330 SB STEP 1 OF 2 (2 OF 2)
TMP-14	OFFSITE DETOUR 40 SIGNING AND ROAD CLOSURE SIGNING	TMP-52	LANE CLOSURE DETAIL BRIDGE 330 SB STEP 2 OF 2 (1 OF 2)
TMP-15	OFFSITE DETOUR 41 SIGNING AND ROAD CLOSURE SIGNING	TMP-53	LANE CLOSURE DETAIL BRIDGE 330 SB STEP 2 OF 2 (2 OF 2)
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TMP-17	OFFSITE DETOUR I-77 RAMP TO I-277 SB SIGNING AND ROAD CLOSURE SIGNING	TMP-55	LANE CLOSURE DETAIL BRIDGE 328 SB STEP 1 OF 2
TMP-18	OFFSITE DETOUR 10 SIGNING AND ROAD CLOSURE SIGNING	TMP-56	LANE CLOSURE DETAIL BRIDGE 328 SB STEP 2 OF 2
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TMP-22	LANE CLOSURE DETAIL BREVARD ST SB-OL	TMP-60	LANE CLOSURE DETAIL BRIDGE 326 SB STEP 2 OF 2
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TMP-30	LANE CLOSURE DETAIL US29 ST CENTER LANE	TMP-68	SIGN DETAILS: ELEVENTH STREET
TMP-31	LANE CLOSURE DETAIL MUSIC FACTORY BLVD WB-IL	TMP-69	SIGN DETAILS: TWELFTH STREET
TMP-32	LANE CLOSURE DETAIL MUSIC FACTORY BLVD EB-OL	TMP-70	SIGN DETAILS: CHURCH STREET
TMP-33	LANE CLOSURE DETAIL MUSIC FACTORY BLVD EB-IL		

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PROJ. REFERENCE NO.	SHEET NO.
I-5746C	TMP-5

KCA Kisinger Campo & Associates Corp.
 301 Fayetteville St., Suite 1500
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 John P. Mazeres, PE No. 043935
 NC Firm License No. C-1506

BRIDGE REHABILITATION

GENERAL NOTES /LOCAL 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
I-277, I-77, I-77 HOT LANES, I-77 RAMPS, AND US 29/GRAHAM ST., (SINGLE LANE), MONDAY TO FRIDAY	6:00 A.M. TO 9:00 P.M.
I-277, I-77, I-77 HOT LANES, I-77 RAMPS, AND US 29/GRAHAM ST., (SINGLE LANE), SATURDAY AND SUNDAY	9:00 A.M. TO 6:00 P.M.
I-277, I-77, I-77 HOT LANES, I-77 RAMPS, AND US 29/GRAHAM ST., (DOUBLE LANE), MONDAY TO FRIDAY	6:00 A.M. TO 11:00 P.M.
I-277, I-77, I-77 HOT LANES, I-77 RAMPS, AND US 29/GRAHAM ST., (DOUBLE LANE), SATURDAY AND SUNDAY	9:00 A.M. TO 9:00 P.M.
JOHNSON ST., NC MUSIC FACTORY BLVD., CHURCH ST., TRYON ST., COLLEGE ST., BREVARD ST., 11TH ST., 12TH ST.	7:00 A.M. TO 9:00 A.M. AND 4:00 P.M. TO 6:00 PM

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

ROAD NAME: I-277, I-77, I-77 HOT LANES, AND I-77 RAMPS HOLIDAY

- FOR ANY OCCURENCE 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.
- FOR CAROLINA PANTHER GAMES OCCURRING AT BANK OF AMERICA STADIUM BETWEEN THREE HOURS BEFORE THE START AND TWO HOURS AFTER THE END OF THE FOOTBALL GAME.
- FOR CHARLOTTE HORNETS GAMES OCCURRING AT THE SPECTRUM CENTER BETWEEN TWO HOURS BEFORE THE START AND TWO HOURS AFTER THE END OF THE BASKETBALL GAME.
- FOR CHARLOTTE KIGHTS GAMES OCCURRING AT THE BB&T BALLPARK BETWEEN ONE HOUR BEFORE THE START AND ONE HOUR AFTER THE END OF THE BASEBALL GAME.
- CITY OF CHARLOTTE SPECIAL EVENTS: THE EVENTS INCLUDED HEREIN ARE ONLY THOSE WHICH WERE AVAILABLE AT TIME OF PLANS DEVELOPMENT THAT WERE ANTICIPATED TO CONFLICT WITH PROPOSED CLOSURES AND DETOURS. COORDINATE WITH CURRENT CITY OF CHARLOTTE EVENTS CALENDAR VIA THE ENGINEER AND JIMMY RHYNE, PE, CHARLOTTE DOT, 704-336-3905, JRHYNE@CHARLOTTENC.GOV. NOTIFY AND UPDATE CITY ON A WEEKLY BASIS AND A MINIMUM OF TWO WEEKS IN ADVANCE OF PROPOSED SIDEWALK/ ROAD CLOSURES AND DETOURS TO ENSURE THERE ARE NO CONFLICTS WITH CITY EVENTS.

- EVENT
- CORPORATE CUP 5K & HALF MARATHON
 - CHARLOTTE GOES GREEN FESTIVAL
 - CHARLOTTE ST. PATRICK'S DAY PARADE
 - CHARLOTTE RACEFEST
 - CHARLOTTE JAZZ FESTIVAL
 - RODNEY GREAT KIDS TRIATHLON
 - OPEN STREETS 704
 - TWILIGHT 5K
 - SPEED STREET
 - TASTE OF CHARLOTTE
 - CHARLOTTE KIDNEY WALK
 - FAMOUS TOASTERY AMERICAN 4-MILER
 - QUEEN CITY FIREFIGHTER FEST
 - BTEP 3-ON-3 TOURNAMENT
 - CHARLOTTE PRIDE FESTIVAL & PARADE
 - EUCCHARISTIC CONGRESS PROCESSION
 - BREAKIN' CONVENTION
 - ROCKTOBERFEST HALF MARATHON AND 5K
 - NOVANT CHARLOTTE MARATHON

C) DO NOT CONDUCT ANY HAULING OPERATIONS AGAINST THE FLOW OF TRAFFIC OF AN OPEN TRAVELWAY UNLESS THE HAULING OPERATION IS PROTECTED BY BARRIER OR GUARDRAIL OR AS DIRECTED BY THE ENGINEER.

LANE AND SHOULDER CLOSURE REQUIREMENTS

- 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 WITHIN 15 FT OF 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.
- 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.
- 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 WITHIN 15 FT ON BOTH SIDES OF AN OPEN TRAVELWAY, RAMP, OR LOOP WITHIN THE SAME LOCATION UNLESS PROTECTED WITH GUARDRAIL OR BARRIER.
- DO NOT INSTALL MORE THAN 1075 FT OF LANE CLOSURE ON I-277 MEASURED FROM THE BEGINNING OF THE MERGE TAPER TO THE END OF THE LANE CLOSURE IN A SINGLE OPERATION.
- DO NOT INSTALL MORE THAN ONE LANE CLOSURE IN ANY ONE DIRECTION ON I-277.

PAVEMENT EDGE DROP OFF REQUIREMENTS

K) 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 FT IN ADVANCE AND A MINIMUM OF EVERY HALF MILE THROUGHOUT THE UNEVEN AREA.

TRAFFIC PATTERN ALTERATIONS

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

SIGNING

M) 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.

N) PROVIDE SIGNING AND DEVICES REQUIRED TO CLOSE THE ROAD ACCORDING TO THE ROADWAY STANDARD DRAWINGS AND TRANSPORTATION MANAGEMENT PLANS.

PROVIDE SIGNING REQUIRED FOR THE OFF- SITE DETOUR ROUTE AS SHOWN IN THE TRANSPORTATION MANAGEMENT PLANS.

O) 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.

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

TRAFFIC CONTROL DEVICES

Q) 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.

R) CONES AND SKINNY DRUMS ARE NOT TO BE USED FOR INTERSTATE CLOSURES.

S) PLACE TYPE III BARRICADES, WITH "ROAD CLOSED" SIGN R11-2 ATTACHED, OF SUFFICIENT LENGTH TO CLOSE ENTIRE ROADWAY.

T) PLACE ADDITIONAL SETS OF THREE CHANNELIZING DEVICES PERPENDICULAR TO THE EDGE OF TRAVELWAY ON 500 FT CENTERS WHEN UNOPENED LANES ARE CLOSED TO TRAFFIC.

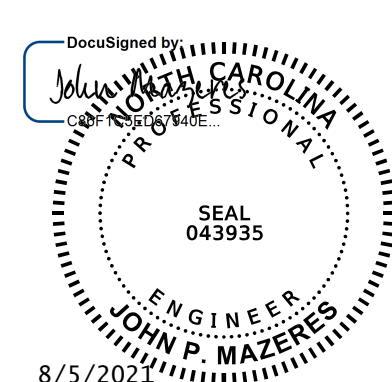
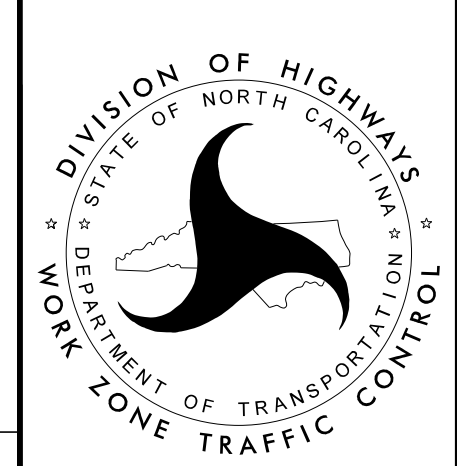
PAVEMENT MARKINGS AND MARKERS

- TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.
- REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKINGS AND MARKERS BY THE END OF EACH DAY'S OPERATION.

MISCELLANEOUS

- LAW ENFORCEMENT MAY BE USED TO MAINTAIN TRAFFIC THROUGH THE WORK AREA AND/OR INTERSECTIONS AS DIRECTED BY THE ENGINEER.
- 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.).
- IF PEDESTRIAN FACILITIES ARE PRESENT ON A STREET WITH PROPOSED SIDEWALK CLOSURE(S), A MINIMUM OF ONE TEMPORARY PEDESTRIAN FACILITY MUST BE MAINTAINED DURING THE CLOSURE(S).
- FOR WORK ZONE PRESENCE LIGHTING AND SEQUENTIAL FLASHING WARNING LIGHTS, SEE SPECIAL PROVISIONS.
- PRIOR TO BEGINNING WORK, THE CONTRACTOR SHALL TAKE PHOTOS OF THE SIDEWALK, PAVERS AND ANY EXISTING FIXTURES IN THE AREA OF CONSTRUCTION AROUND THE CATS TRACKS TO DOCUMENT ORIGINAL CONDITION. THESE PHOTOS SHALL BE DELIVERED TO CATS PRIOR TO BEGINNING WORK. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROPERLY PROTECT THE SIDEALK, PAVERS AND ANY EXISTING FIXTURES FROM ANY DAMAGE DURING CONSTRUCTION. ANY DAMAGE WILL BE REPAIRED TO THE ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.
- WHEN PLACING PORTABLE CHANGABLE MESSAGE SIGNS WHERE INSUFFICIENT INSIDE SHOULDER IS PRESENT, PLACE PCMS ON THE OUTSIDE SHOULDER.

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 <p>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</p>		<p>GENERAL NOTES</p>
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PROJ. REFERENCE NO.	SHEET NO.
I-5746C	TMP-6A

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PHASING NOTES

BRIDGE REHABILITATION

PHASING
 USE NCDOT RSD 1101.01 SHEETS 1 THRU 3 OF 3 TO INSTALL WORK ZONE
 ADVANCE WARNING SIGNS.
 CONTRACTOR MAY WORK ON MULTIPLE LOCATIONS SIMULTANEOUSLY IF
 APPROVED BY THE ENGINEER.

LOCATION: C-1 (BRIDGE # 320) NORTHBOUND

STEP 1: USE TMP-34, TMP-10 FOR OFFSITE DETOUR 36 AND NCDOT RSD
 1101.02 SHEET 8 OF 14 TO CLOSE LANES L1 AND L2 OF I-277 NB
 AND RAMP #36. PLACE DETOUR SIGNING FOR CLOSURES ALONG 12TH
 ST, RAMP #34 AND RAMP #36. THIS OPERATION WILL CLOSE RAMP
 #36. COVER SIGNS UNTIL OFFSITE DETOUR IS READY FOR
 OPERATION. PERFORM BRIDGE DECK PRESERVATION OPERATIONS AS
 REQUIRED IN BRIDGE PLANS ON I-277 AT LOCATION C-1 (BRIDGE
 #320). AT THE END OF EACH WORK PERIOD REOPEN THE ROADWAY
 AND BRIDGE TO TRAFFIC.

STEP 2: USE TMP-35, TMP-10 FOR OFFSITE DETOUR 36 AND NCDOT RSD
 1101.02 SHEET 8 OF 14 TO CLOSE LANES L2 AND L3 OF I-277 NB
 AND RAMP #36. PLACE DETOUR SIGNING FOR CLOSURES ALONG
 12TH ST, RAMP #34 AND RAMP #36. THIS OPERATION WILL CLOSE
 RAMP #36. COVER SIGNS UNTIL OFFSITE DETOUR IS READY FOR
 OPERATION. PERFORM BRIDGE DECK PRESERVATION OPERATIONS AS
 REQUIRED IN BRIDGE PLANS ON I-277 AT LOCATION C-1 (BRIDGE
 #320). AT THE END OF EACH WORK PERIOD REOPEN THE ROADWAY
 AND BRIDGE TO TRAFFIC.

STEP 3: REPEAT STEPS 1 AND 2 UNTIL ALL WORK IS COMPLETE.

STEP 4: USE TMP-21 AND NCDOT RSD 1101.02 SHEET 3 OF 14 TO INSTALL
 LANE CLOSURE SIGNS AND DEVICES TO CLOSE THE SOUTHBOUND
 INSIDE LANE AND SIDEWALK OF BREVARD ST DURING ALLOWABLE
 LANE CLOSURE TIMES. USE CHARLOTTE WORK ZONE TRAFFIC
 CONTROL HANDBOOK DIAGRAM 2 TO CLOSE THE NORTHBOUND
 SIDEWALK WITHIN THE BRIDGE WORK AREA UNDER LOCATION C-1
 (BRIDGE # 320). CROSS PEDESTRIANS AT 11TH ST FROM EAST TO
 WEST, CROSS PEDESTRIANS BACK AT 12TH ST FROM WEST TO EAST.
 PERFORM UNDER DECK BRIDGE OPERATIONS AS REQUIRED PER
 BRIDGE PLANS AT LOCATION C-1 (BRIDGE #320). AT THE END OF
 EACH WORK PERIOD REOPEN THE ROADWAY TO TRAFFIC.

STEP 5: REPEAT STEP 4 UNTIL ALL WORK IS COMPLETE.

STEP 6: USE TMP-22 AND NCDOT RSD 1101.02 SHEET 3 OF 14 TO INSTALL
 LANE CLOSURE SIGNS AND DEVICES TO CLOSE THE SOUTHBOUND
 OUTSIDE LANE AND SIDEWALK OF BREVARD ST DURING ALLOWABLE
 LANE CLOSURE TIMES. USE CHARLOTTE WORK ZONE TRAFFIC
 CONTROL HANDBOOK DIAGRAM 2 TO CLOSE THE SOUTHBOUND
 SIDEWALK WITHIN THE BRIDGE WORK AREA UNDER LOCATION C-1
 (BRIDGE # 320). CROSS PEDESTRIANS AT 12TH ST FROM WEST TO
 EAST, CROSS PEDESTRIANS BACK AT 11TH ST FROM EAST TO WEST.
 PERFORM UNDER DECK BRIDGE OPERATIONS AS REQUIRED PER
 BRIDGE PLANS AT LOCATION C-1 (BRIDGE #320). AT THE END OF
 EACH WORK PERIOD REOPEN THE ROADWAY TO TRAFFIC.

STEP 7: REPEAT STEP 6 UNTIL ALL WORK IS COMPLETE.

LOCATION: C-2 (BRIDGE # 322) NORTHBOUND

STEP 1: USE TMP-36, TMP-10 FOR OFFSITE DETOUR 36 AND NCDOT RSD
 1101.02 SHEET 8 OF 14 TO CLOSE LANES L1, L2 AND L3 OF
 I-277 NB AND RAMP #36. PLACE DETOUR SIGNING FOR CLOSURES
 ALONG 12TH ST, RAMP #34 AND RAMP #36. THIS OPERATION
 WILL CLOSE RAMP #36. COVER SIGNS UNTIL OFFSITE DETOUR IS
 READY FOR OPERATION. PERFORM BRIDGE DECK PRESERVATION
 OPERATIONS AS REQUIRED IN BRIDGE PLANS ON I-277 AT
 LOCATION C-2 (BRIDGE #322). AT THE END OF EACH WORK PERIOD
 REOPEN THE ROADWAY TO TRAFFIC.

STEP 2: USE TMP-37, TMP-9 FOR OFFSITE DETOUR 35, TMP-10 FOR
 OFFSITE DETOUR 36 AND NCDOT RSD 1101.02 SHEET 8 OF 14 TO
 CLOSE LANES L2, L3 AND L4 OF I-277 NB, RAMP #35 AND RAMP
 #36. PLACE DETOUR SIGNING FOR CLOSURES ALONG I-277, US
 74, NC 27 (Mc DOWELL ST), 4TH ST, 10TH ST, 11TH ST,
 12TH ST, CHURCH ST, RAMP #34, RAMP #35, RAMP #36, US74
 WB/I-277 SB EXIT 2A EXIT RAMP, US74 EB/I-277 NB EXIT 2A
 EXIT RAMP, AND EXIT RAMP TOWARDS 3RD AND 4TH ST AFTER US74
 EB/I-277 NB EXIT 2A. THIS OPERATION WILL CLOSE RAMP #35
 AND #36. COVER SIGNS UNTIL OFFSITE DETOURS ARE READY FOR
 OPERATION. PERFORM BRIDGE DECK PRESERVATION OPERATIONS AS
 REQUIRED IN BRIDGE PLANS ON I-277 AT LOCATION C-2 (BRIDGE
 #322). AT THE END OF EACH WORK PERIOD REOPEN THE ROADWAY
 TO TRAFFIC.

STEP 3: REPEAT STEPS 1 AND 2 UNTIL ALL WORK IS COMPLETE.

STEP 4: USE TMP-6D FOR THE PEDESTRIAN DETOUR TO CLOSE BOTH
 SIDEWALKS UNDER LOCATION C-2 (BRIDGE #322) BETWEEN 12TH ST
 AND 9TH ST DURING CATS NON-REVENUE TIMES. PLACE DETOUR
 SIGNS FOR CLOSURES ALONG 12TH ST, COLLEGE ST AND 9TH ST.
 THIS OPERATION WILL CLOSE BOTH SIDEWALKS BETWEEN 12TH ST
 AND 9TH ST. COVER SIGNS UNTIL DETOUR IS READY FOR
 OPERATION. UNCOVER SIGNS AND PERFORM UNDER DECK BRIDGE
 PRESERVATION OPERATIONS AS REQUIRED IN BRIDGE PLANS AT
 LOCATION C-2 (BRIDGE #322).

USE TMP-6E FOR PEDESTRIAN DETOUR TO CLOSE THE SIDEWALK
 ADJACENT TO THE ACTIVE WORK AREA UNDER LOCATION C-2
 (BRIDGE #322) BETWEEN 12TH ST AND 9TH ST DURING CATS
 REVENUE TIMES. PLACE DETOUR SIGNS FOR CLOSURES ALONG 12TH
 STREET, AND THE SIDEWALK ALONG THE CATS RAIL. THIS
 OPERATION WILL CLOSE THE SIDEWALK ADJACENT TO THE ACTIVE
 WORK AREA. COVER SIGNS UNTIL DETOUR IS READY FOR
 OPERATION. UNCOVER SIGNS AND PERFORM UNDER DECK BRIDGE
 PRESERVATION AS REQUIRED IN BRIDGE PLANS AT LOCAITON C-2
 (BRIDGE #322).

STEP 5: REPEAT STEP 6 UNTIL ALL WORK IS COMPLETE.

LOCATION: C-3 (BRIDGE # 326) NORTHBOUND

STEP 1: USE TMP-38, TMP-10 FOR OFFSITE DETOUR 36 AND NCDOT RSD
 1101.02 SHEET 8 OF 14 TO CLOSE LANES L1, L2 AND L3 OF
 I-277 NB AND RAMP #36. PLACE DETOUR SIGNING FOR CLOSURES
 12TH ST, RAMP #34 AND RAMP #36. THIS OPERATION WILL
 CLOSE RAMP #36. COVER SIGNS UNTIL OFFSITE DETOUR IS READY
 FOR OPERATION. PERFORM BRIDGE DECK PRESERVATION
 OPERATIONS AS REQUIRED IN BRIDGE PLANS ON I-277 AT
 LOCATION C-3 (BRIDGE #326). AT THE END OF EACH WORK PERIOD
 REOPEN THE ROADWAY TO TRAFFIC.

STEP 2: USE TMP-39, TMP-9 FOR OFFSITE DETOUR 35, TMP-10 FOR
 OFFSITE DETOUR 36 AND NCDOT RSD 1101.02 SHEET 8 OF 14 TO
 CLOSE LANES L2 AND L3 OF I-277 NB, RAMP #35 AND RAMP #36.
 PLACE DETOUR SIGNING FOR CLOSURES ALONG I-277, US 74, NC
 27 (Mc DOWELL ST), 4TH ST, 10TH ST, 11TH ST, 12TH ST,
 CHURCH ST, RAMP #34, RAMP #35, RAMP #36, US74 WB/I-277 SB
 EXIT 2A EXIT RAMP, US74 EB/I-277 NB EXIT 2A EXIT RAMP, AND
 EXIT RAMP TOWARDS 3RD AND 4TH ST AFTER US74 EB/I-277 NB
 EXIT 2A. THIS OPERATION WILL CLOSE RAMP #35 AND #36.
 COVER SIGNS UNTIL OFFSITE DETOUR ARE READY FOR OPERATION.
 PERFORM BRIDGE DECK PRESERVATION OPERATIONS AS REQUIRED IN
 BRIDGE PLANS ON I-277 AT LOCATION C-3 (BRIDGE #326). AT
 THE END OF EACH WORK PERIOD REOPEN THE ROADWAY TO TRAFFIC.

STEP 3: REPEAT STEPS 1 AND 2 UNTIL ALL WORK IS COMPLETE.

STEP 4: USE TMP-23 AND NCDOT RSD 1101.02 SHEET 3 OF 14 TO INSTALL
 LANE CLOSURE SIGNS AND DEVICES TO CLOSE THE NORTHBOUND
 INSIDE LANE AND INSIDE SIDEWALK OF COLLEGE ST DURING
 ALLOWABLE LANE CLOSURE TIMES. USE CHARLOTTE WORK ZONE
 TRAFFIC CONTROL HANDBOOK DIAGRAM 2 TO CLOSE THE NORTHBOUND
 INSIDE SIDEWALK WITHIN THE BRIDGE WORK AREA UNDER LOCATION
 C-3 (BRIDGE # 326). CROSS PEDESTRIANS AT 11TH ST FROM
 SOUTH TO NORTH, CROSS PEDESTRIANS BACK AT 12TH ST FROM
 NORTH TO SOUTH. PERFORM UNDER DECK BRIDGE OPERATIONS AS
 REQUIRED PER BRIDGE PLANS AT LOCATION C-3 (BRIDGE #326).
 AT THE END OF EACH WORK PERIOD REOPEN THE ROADWAY TO
 TRAFFIC.

STEP 5: REPEAT STEP 4 UNTIL ALL WORK IS COMPLETE.

STEP 6: USE TMP-24 AND NCDOT RSD 1101.02 SHEET 3 OF 14 TO INSTALL
 LANE CLOSURE SIGNS AND DEVICES TO CLOSE THE NORTHBOUND
 OUTSIDE LANE AND OUTSIDE SIDEWALK OF COLLEGE ST DURING
 ALLOWABLE LANE CLOSURE TIMES. USE CHARLOTTE WORK ZONE
 TRAFFIC CONTROL HANDBOOK DIAGRAM 2 TO CLOSE THE SOUTHBOUND
 OUTSIDE SIDEWALK WITHIN THE BRIDGE WORK AREA UNDER
 LOCATION C-3 (BRIDGE # 326). CROSS PEDESTRIANS AT 12TH ST
 FROM SOUTH TO NORTH, CROSS PEDESTRIANS BACK AT 11TH ST
 FROM NORTH TO SOUTH. PERFORM UNDER DECK BRIDGE OPERATIONS
 AS REQUIRED PER BRIDGE PLANS AT LOCATION C-3 (BRIDGE
 #326). AT THE END OF EACH WORK PERIOD REOPEN THE ROADWAY
 TO TRAFFIC.

STEP 7: REPEAT STEP 6 UNTIL ALL WORK IS COMPLETE.

LOCATION: C-4 (BRIDGE # 327) NORTHBOUND

STEP 1: USE TMP-40 AND NCDOT RSD 1101.02 SHEET 8 OF 14 TO CLOSE
 LANES L1 AND L2 OF I-277 NB. PERFORM BRIDGE DECK
 PRESERVATION OPERATIONS AS REQUIRED IN BRIDGE PLANS ON
 I-277 AT LOCATION C-4 (BRIDGE #327). AT THE END OF EACH
 WORK PERIOD REOPEN THE ROADWAY TO TRAFFIC.

STEP 2: USE TMP-41, TMP-9 FOR OFFSITE DETOUR 35, TMP-10 FOR
 OFFSITE DETOUR 36 AND NCDOT RSD 1101.02 SHEET 8 OF 14 TO
 CLOSE LANES L2 AND L3 OF I-277 NB, RAMP #35 AND RAMP #36.
 PLACE DETOUR SIGNING FOR CLOSURES ALONG I-277, US 74, NC
 27 (Mc DOWELL ST), 4TH ST, 10TH ST, 11TH ST, 12TH ST,
 CHURCH ST, RAMP #34, RAMP #35, RAMP #36, US74 WB/I-277 SB
 EXIT 2A EXIT RAMP, US74 EB/I-277 NB EXIT 2A EXIT RAMP, AND
 EXIT RAMP TOWARDS 3RD AND 4TH ST AFTER US74 EB/I-277 NB
 EXIT 2A. THIS OPERATION WILL CLOSE RAMP #35 AND #36.
 COVER SIGNS UNTIL OFFSITE DETOUR ARE READY FOR OPERATION.
 PERFORM BRIDGE DECK PRESERVATION OPERATIONS AS REQUIRED IN
 BRIDGE PLANS ON I-277 AT LOCATION C-4 (BRIDGE #327). AT
 THE END OF EACH WORK PERIOD REOPEN THE ROADWAY TO TRAFFIC.

STEP 3: REPEAT STEPS 1 AND 2 UNTIL ALL WORK IS COMPLETE.

STEP 4: USE TMP-25 AND NCDOT RSD 1101.02 SHEET 3 OF 14 TO INSTALL
 LANE CLOSURE SIGNS AND DEVICES TO CLOSE THE NORTHBOUND
 OUTSIDE LANE AND SIDEWALK OF TRYON ST DURING ALLOWABLE
 LANE CLOSURE TIMES. USE CHARLOTTE WORK ZONE TRAFFIC
 CONTROL HANDBOOK DIAGRAM 2 TO CLOSE THE NORTHBOUND
 SIDEWALK WITHIN THE BRIDGE WORK AREA UNDER LOCATION C-4
 (BRIDGE # 327). CROSS PEDESTRIANS AT 11TH ST FROM SOUTH TO
 NORTH, CROSS PEDESTRIANS BACK AT 12TH ST FROM NORTH TO
 SOUTH. PERFORM UNDER DECK BRIDGE OPERATIONS AS REQUIRED
 PER BRIDGE PLANS AT LOCATION C-4 (BRIDGE #327). AT THE END
 OF EACH WORK PERIOD REOPEN THE ROADWAY TO TRAFFIC.

STEP 5: REPEAT STEP 4 UNTIL ALL WORK IS COMPLETE.

STEP 6: USE TMP-26, NCDOT RSD 1101.02 SHEET 3 OF 14 TO INSTALL
 LANE CLOSURE SIGNS DEVICES TO CLOSE THE SOUTHBOUND OUTSIDE
 LANE AND SIDEWALK OF TRYON ST DURING ALLOWABLE LANE
 CLOSURE TIMES. USE CHARLOTTE WORK ZONE TRAFFIC CONTROL
 HANDBOOK DIAGRAM 2 TO CLOSE THE SOUTHBOUND SIDEWALK WITHIN
 THE BRIDGE WORK AREA UNDER LOCATION C-4 (BRIDGE # 327).
 CROSS PEDESTRIANS AT UNDER THE BRIDGE AT 12TH ST FROM
 NORTH TO SOUTH, CROSS PEDESTRIANS BACK AT 11TH ST FROM
 SOUTH TO NORTH. PERFORM UNDER DECK BRIDGE OPERATIONS AS
 REQUIRED PER BRIDGE PLANS AT LOCATION C-4 (BRIDGE #327).
 AT THE END OF EACH WORK PERIOD REOPEN THE ROADWAY TO
 TRAFFIC.

STEP 7: REPEAT STEP 6 UNTIL ALL WORK IS COMPLETE.

STEP 8: USE TMP-27, NCDOT RSD 1101.02 SHEET 3 OF 14 AND NCDOT RSD
 1101.02 SHEET 7 OF 14 TO INSTALL LANE CLOSURE SIGNS AND
 DEVICES TO CLOSE THE CENTER LANES OF TRYON ST DURING
 ALLOWABLE LANE CLOSURE TIMES. PERFORM UNDER DECK BRIDGE
 OPERATIONS AS REQUIRED PER BRIDGE PLANS AT LOCATION C-4
 (BRIDGE #327). AT THE END OF EACH WORK PERIOD REOPEN THE
 ROADWAY TO TRAFFIC.

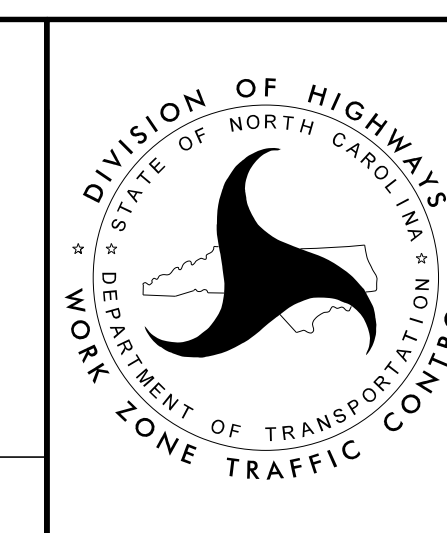
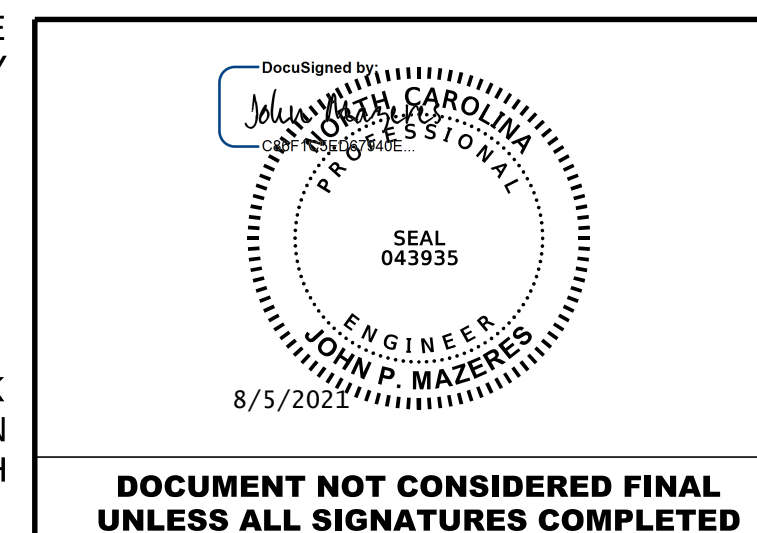
STEP 9: REPEAT STEP 8 UNTIL ALL WORK IS COMPLETE.

LOCATION: C-5 (BRIDGE # 328) NORTHBOUND

STEP 1: USE TMP-42 AND NCDOT RSD 1101.02 SHEET 8 OF 14 TO CLOSE
 LANES L1 AND L2 OF I-277 NB. PERFORM BRIDGE DECK
 PRESERVATION OPERATIONS AS REQUIRED IN BRIDGE PLANS ON
 I-277 AT LOCATION C-5 (BRIDGE #328). AT THE END OF EACH
 WORK PERIOD REOPEN THE ROADWAY TO TRAFFIC.

STEP 2: USE TMP-43 AND NCDOT RSD 1101.02 SHEET 8 OF 14 TO CLOSE
 LANES L2 AND L3 OF I-277 NB. PERFORM BRIDGE DECK
 PRESERVATION OPERATIONS AS REQUIRED IN BRIDGE PLANS ON
 I-277 AT LOCATION C-5 (BRIDGE #328). AT THE END OF EACH
 WORK PERIOD REOPEN THE ROADWAY TO TRAFFIC.

STEP 3: REPEAT STEPS 1 AND 2 UNTIL ALL WORK IS COMPLETE.



PHASING NOTES (1 OF 3)

**DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED**

PHASING NOTES

BRIDGE REHABILITATION

STEP 4: USE CHARLOTTE WORK ZONE TRAFFIC CONTROL HANDBOOK DIAGRAM 2 TO CLOSE THE NORTHBOUND SIDEWALK ON CHURCH ST WITHIN THE BRIDGE WORK AREA UNDER LOCATION C-5 (BRIDGE # 328). CROSS PEDESTRIANS AT 11TH ST FROM SOUTH TO NORTH, CROSS PEDESTRIANS BACK AT 12TH ST FROM NORTH TO SOUTH. PERFORM UNDER DECK BRIDGE OPERATIONS AS REQUIRED PER BRIDGE PLANS AT LOCATION C-5 (BRIDGE #328). AT THE END OF EACH WORK PERIOD REOPEN THE ROADWAY TO TRAFFIC.

STEP 5: REPEAT STEP 4 UNTIL ALL WORK IS COMPLETE.

STEP 6: USE CHARLOTTE WORK ZONE TRAFFIC CONTROL HANDBOOK DIAGRAM 2 TO CLOSE THE SOUTHBOUND SIDEWALK ON CHURCH ST WITHIN THE BRIDGE WORK AREA UNDER LOCATION C-5 (BRIDGE # 328). CROSS PEDESTRIANS AT 12TH ST FROM NORTH TO SOUTH, CROSS PEDESTRIANS BACK AT 11TH ST FROM SOUTH TO NORTH. PERFORM UNDER DECK BRIDGE OPERATIONS AS REQUIRED PER BRIDGE PLANS AT LOCATION C-5 (BRIDGE #328). AT THE END OF EACH WORK PERIOD REOPEN THE ROADWAY TO TRAFFIC.

STEP 7: REPEAT STEP 6 UNTIL ALL WORK IS COMPLETE.

LOCATION: C-6 (BRIDGE # 330) NORTHBOUND

STEP 1: USE TMP-44, TMP-8 FOR OFFSITE DETOUR 34 AND NCDOT RSD 1101.02 SHEET 8 OF 14 TO CLOSE LANES L1, L2, L3 AND L4 OF I-277 NB, AND RAMP #34. PLACE DETOUR SIGNING FOR CLOSURES ALONG GRAHAM ST (US 29), 10TH ST, 12TH ST, CHURCH ST, RAMP #33 AND RAMP #34. THIS OPERATION WILL CLOSE RAMP #34. COVER SIGNS UNTIL OFFSITE DETOUR IS READY FOR OPERATION. PERFORM BRIDGE DECK PRESERVATION OPERATIONS AS REQUIRED IN BRIDGE PLANS ON I-277 AT LOCATION C-6 (BRIDGE #330). AT THE END OF EACH WORK PERIOD REOPEN THE ROADWAY AND BRIDGE TO TRAFFIC.

STEP 2: USE TMP-45, TMP-7 FOR OFFSITE DETOUR 33 AND NCDOT RSD 1101.02 SHEET 8 OF 14 TO CLOSE LANES L3, L4 AND L5 OF I-277 NB AND RAMP #33. PLACE DETOUR SIGNING FOR CLOSURES ALONG GRAHAM ST (US 29), 10TH ST, STATESVILLE AV, CHURCH ST, RAMP #33 AND RAMP #34. THIS OPERATION WILL CLOSE RAMP #33. COVER SIGNS UNTIL OFFSITE DETOUR IS READY FOR OPERATION. PERFORM BRIDGE DECK PRESERVATION OPERATIONS AS REQUIRED IN BRIDGE PLANS ON I-277 AT LOCATION C-6 (BRIDGE #330). AT THE END OF EACH WORK PERIOD REOPEN THE ROADWAY AND BRIDGE TO TRAFFIC.

STEP 3: REPEAT STEPS 1 AND 2 UNTIL ALL WORK IS COMPLETE.

STEP 4: USE TMP-28 AND NCDOT RSD 1101.02 SHEET 3 OF 14 TO INSTALL LANE CLOSURE SIGNS AND DEVICES TO CLOSE THE NORTHBOUND OUTSIDE LANE AND SIDEWALK OF US 29 (GRAHAM ST) DURING ALLOWABLE LANE CLOSURE TIMES. USE CHARLOTTE WORK ZONE TRAFFIC CONTROL HANDBOOK DIAGRAM 2 TO CLOSE THE NORTHBOUND SIDEWALK WITHIN THE BRIDGE WORK AREA UNDER LOCATION C-6 (BRIDGE # 330). CROSS PEDESTRIANS AT 11TH ST FROM SOUTH TO NORTH, CROSS PEDESTRIANS BACK AT 12TH ST FROM NORTH TO SOUTH. PERFORM UNDER DECK BRIDGE OPERATIONS AS REQUIRED PER BRIDGE PLANS AT LOCATION C-6 (BRIDGE #330). AT THE END OF EACH WORK PERIOD REOPEN THE ROADWAY TO TRAFFIC.

STEP 5: REPEAT STEP 4 UNTIL ALL WORK IS COMPLETE.

STEP 6: USE TMP-29, NCDOT RSD 1101.02 SHEET 3 OF 14 TO INSTALL LANE CLOSURE SIGNS AND DEVICES TO CLOSE THE SOUTHBOUND OUTSIDE LANE AND SIDEWALK OF US 29 (GRAHAM ST) DURING ALLOWABLE LANE CLOSURE TIMES. USE CHARLOTTE WORK ZONE TRAFFIC CONTROL HANDBOOK DIAGRAM 2 TO CLOSE THE SOUTHBOUND SIDEWALK WITHIN THE BRIDGE WORK AREA UNDER LOCATION C-6 (BRIDGE # 330). CROSS PEDESTRIANS AT 12TH ST FROM SOUTH TO NORTH, CROSS PEDESTRIANS BACK AT 11TH ST FROM NORTH TO SOUTH. PERFORM UNDER DECK BRIDGE OPERATIONS AS REQUIRED PER BRIDGE PLANS AT LOCATION C-6 (BRIDGE #330). AT THE END OF EACH WORK PERIOD REOPEN THE ROADWAY TO TRAFFIC.

STEP 7: REPEAT STEP 6 UNTIL ALL WORK IS COMPLETE.

STEP 8: USE TMP-30 AND NCDOT RSD 1101.02 SHEET 3 OF 14 TO INSTALL LANE CLOSURE SIGNS AND DEVICES TO CLOSE THE CENTER LANES OF US 29 (GRAHAM ST) DURING ALLOWABLE LANE CLOSURE TIMES. PERFORM UNDER DECK BRIDGE OPERATIONS AS REQUIRED PER BRIDGE PLANS AT LOCATION C-6 (BRIDGE #330). AT THE END OF EACH WORK PERIOD REOPEN THE ROADWAY TO TRAFFIC.

STEP 9: REPEAT STEP 8 UNTIL ALL WORK IS COMPLETE.

LOCATION: D-7 (BRIDGE # 332) NORTHBOUND

STEP 1: USE TMP-46, TMP-8 FOR OFFSITE DETOUR 34 AND NCDOT RSD 1101.02 SHEET 8 OF 14 TO CLOSE LANES L1, L2 AND L3 OF I-277 NB AND RAMP #34. PLACE DETOUR SIGNING FOR CLOSURES ALONG GRAHAM ST (US 29), 10TH ST, 12TH ST, CHURCH ST, RAMP #33 AND RAMP #34. THIS OPERATION WILL CLOSE RAMP #34. COVER SIGNS UNTIL OFFSITE DETOUR IS READY FOR OPERATION. PERFORM BRIDGE DECK PRESERVATION OPERATIONS AS REQUIRED IN BRIDGE PLANS ON I-277 AT LOCATION D-7 (BRIDGE #332). AT THE END OF EACH WORK PERIOD REOPEN THE ROADWAY TO TRAFFIC.

STEP 2: USE TMP-47, TMP-7 FOR OFFSITE DETOUR 33 AND NCDOT RSD 1101.02 SHEET 8 OF 14 TO CLOSE LANES L2, L3 AND L4 OF I-277 NB AND RAMP #33. PLACE DETOUR SIGNING FOR CLOSURES ALONG GRAHAM ST (US 29), 10TH ST, STATESVILLE AV, CHURCH ST, RAMP #33 AND RAMP #34. THIS OPERATION WILL CLOSE RAMP #33. COVER SIGNS UNTIL OFFSITE DETOUR IS READY FOR OPERATION. PERFORM BRIDGE DECK PRESERVATION OPERATIONS AS REQUIRED IN BRIDGE PLANS ON I-277 AT LOCATION D-7 (BRIDGE #332). AT THE END OF EACH WORK PERIOD REOPEN THE ROADWAY TO TRAFFIC.

STEP 3: REPEAT STEPS 1 AND 2 UNTIL ALL WORK IS COMPLETE.

STEP 4: USE TMP-31 AND NCDOT RSD 1101.02 SHEET 3 OF 14 TO INSTALL LANE CLOSURE SIGNS AND DEVICES TO CLOSE THE WESTBOUND INSIDE LANE OF NC MUSIC FACTORY BLVD DURING ALLOWABLE LANE CLOSURE TIMES. PERFORM UNDER DECK BRIDGE OPERATIONS AS REQUIRED PER BRIDGE PLANS AT LOCATION D-7 (BRIDGE #332). AT THE END OF EACH WORK PERIOD REOPEN THE ROADWAY TO TRAFFIC.

STEP 5: REPEAT STEP 4 UNTIL ALL WORK IS COMPLETE.

STEP 6: USE NCDOT RSD 1101.02 SHEET 3 OF 14 TO INSTALL LANE CLOSURE SIGNS AND DEVICES TO CLOSE THE WESTBOUND OUTSIDE LANE OF NC MUSIC FACTORY BLVD DURING ALLOWABLE LANE CLOSURE TIMES. PERFORM UNDER DECK BRIDGE OPERATIONS AS REQUIRED PER BRIDGE PLANS AT LOCATION D-7 (BRIDGE #332). AT THE END OF EACH WORK PERIOD REOPEN THE ROADWAY TO TRAFFIC.

STEP 7: REPEAT STEP 6 UNTIL ALL WORK IS COMPLETE.

STEP 8: USE TMP-32 AND NCDOT RSD 1101.02 SHEET 3 OF 14 TO INSTALL LANE CLOSURE SIGNS AND DEVICES TO CLOSE THE EASTBOUND OUTSIDE LANE OF NC MUSIC FACTORY BLVD DURING ALLOWABLE LANE CLOSURE TIMES. PERFORM UNDER DECK BRIDGE OPERATIONS AS REQUIRED PER BRIDGE PLANS AT LOCATION D-7 (BRIDGE #332). AT THE END OF EACH WORK PERIOD REOPEN THE ROADWAY TO TRAFFIC.

STEP 9: REPEAT STEP 8 UNTIL ALL WORK IS COMPLETE.

STEP 10: USE TMP-33 AND NCDOT RSD 1101.02 SHEET 3 OF 14 TO INSTALL LANE CLOSURE SIGNS AND DEVICES TO CLOSE THE EASTBOUND INSIDE LANE OF NC MUSIC FACTORY BLVD DURING ALLOWABLE LANE CLOSURE TIMES. PERFORM UNDER DECK BRIDGE OPERATIONS AS REQUIRED PER BRIDGE PLANS AT LOCATION D-7 (BRIDGE #332). AT THE END OF EACH WORK PERIOD REOPEN THE ROADWAY TO TRAFFIC.

STEP 11: REPEAT STEP 10 UNTIL ALL WORK IS COMPLETE.

STEP 12: USE NCDOT RSD 1101.02 SHEET 1 OF 14 TO INSTALL LANE CLOSURE SIGNS, DEVICES AND A FLAGGING OPERATION TO CLOSE THE NORTHBOUND LANE OF JOHNSON ST DURING ALLOWABLE LANE CLOSURE TIMES. PERFORM UNDER DECK BRIDGE OPERATIONS AS REQUIRED PER BRIDGE PLANS AT LOCATION D-7 (BRIDGE #332). AT THE END OF EACH WORK PERIOD REOPEN THE ROADWAY TO TRAFFIC.

STEP 13: REPEAT STEP 12 UNTIL ALL WORK IS COMPLETE.

STEP 14: USE NCDOT RSD 1101.02 SHEET 1 OF 14 TO INSTALL LANE CLOSURE SIGNS, DEVICES AND A FLAGGING OPERATION TO CLOSE THE SOUTHBOUND LANE OF JOHNSON ST DURING ALLOWABLE LANE CLOSURE TIMES. PERFORM UNDER DECK BRIDGE OPERATIONS AS REQUIRED PER BRIDGE PLANS AT LOCATION D-7 (BRIDGE #332). AT THE END OF EACH WORK PERIOD REOPEN THE ROADWAY TO TRAFFIC.

STEP 15: REPEAT STEP 14 UNTIL ALL WORK IS COMPLETE.

LOCATION: D-7 (BRIDGE # 332) SOUTHBOUND

STEP 1: USE TMP-48, TMP-54, TMP-6C, TMP-17 FOR OFFSITE DETOUR FOR I-77 NB RAMP, AND NCDOT RSD 1101.02 SHEET 3 OF 14 TO CLOSE LANES L1, L2 AND L3 OF I-277 SB, THE I-77 NB RAMP, AND THE I-77 SB HOT LANES. PLACE DETOUR SIGNING FOR CLOSURES ALONG I-77, LA SALLE ST AND I-277. THIS OPERATION WILL CLOSE THE I-77 NB RAMP TO I-277 SB AND THE I-77 SB HOT LANES. COVER SIGNS UNTIL OFFSITE DETOUR IS READY FOR OPERATION. PERFORM BRIDGE DECK PRESERVATION OPERATIONS AS REQUIRED IN BRIDGE PLANS ON I-277 AT LOCATION D-7 (BRIDGE #332). AT THE END OF EACH WORK PERIOD REOPEN THE ROADWAY AND BRIDGE TO TRAFFIC.

STEP 2: USE TMP-49, TMP-54, TMP-6C, TMP-17 FOR OFFSITE DETOUR I-77 NB RAMP, AND NCDOT RSD 1101.02 SHEET 3 OF 14 TO CLOSE LANES L2, L3 AND L4 OF I-277 SB, THE I-77 NB RAMP, AND THE I-77 SB HOT LANES. PLACE DETOUR SIGNING FOR CLOSURES ALONG I-77, LA SALLE ST AND I-277. THIS OPERATION WILL CLOSE THE I-77 NB RAMP TO I-277 SB AND I-77 SB HOT LANES. COVER SIGNS UNTIL OFFSITE DETOUR IS READY FOR OPERATION. PERFORM BRIDGE DECK PRESERVATION OPERATIONS AS REQUIRED IN BRIDGE PLANS ON I-277 AT LOCATION D-7 (BRIDGE #332). AT THE END OF EACH WORK PERIOD REOPEN THE ROADWAY AND BRIDGE TO TRAFFIC.

STEP 3: REPEAT STEPS 1 AND 2 UNTIL ALL WORK IS COMPLETE.

LOCATION: C-6 (BRIDGE # 330) SOUTHBOUND

STEP 1: USE TMP-50, TMP-51, TMP-54, TMP-6C, AND NCDOT RSD 1101.02 SHEET 3 OF 14 TO CLOSE LANES L1, L2 AND L3 OF I-277 SB AND I-77 SB HOT LANES. THIS OPERATION WILL CLOSE THE I-77 SB HOT LANES. PERFORM BRIDGE DECK PRESERVATION OPERATIONS AS REQUIRED IN BRIDGE PLANS ON I-277 AT LOCATION C-6 (BRIDGE #330). AT THE END OF EACH WORK PERIOD REOPEN THE ROADWAY AND BRIDGE TO TRAFFIC.

STEP 2: USE TMP-52, TMP-53, TMP-54, TMP-17 FOR OFFSITE DETOUR FOR I-77 NB RAMP, TMP-16 FOR OFFSITE DETOUR 42, TMP-6C, AND NCDOT RSD 1101.02 SHEET 3 OF 14 TO CLOSE LANES L2, L3 AND L4 OF I-277 SB ALONG WITH RAMP #42, THE I-77 NB RAMP, AND THE I-77 SB HOT LANES. PLACE DETOUR SIGNING FOR CLOSURES ALONG I-77, LA SALLE ST, I-277, CHURCH ST, RAMP #41 AND RAMP #42. THIS OPERATION WILL CLOSE THE I-77 NB RAMP AND RAMP #42 AND I-77 SB HOT LANES. COVER SIGNS UNTIL OFFSITE DETOUR IS READY FOR OPERATION. PERFORM BRIDGE DECK PRESERVATION OPERATIONS AS REQUIRED IN BRIDGE PLANS ON I-277 AT LOCATION C-6 (BRIDGE #330). AT THE END OF EACH WORK PERIOD REOPEN THE ROADWAY AND BRIDGE TO TRAFFIC.

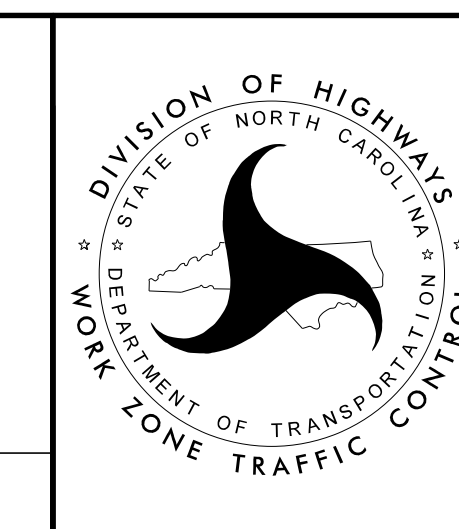
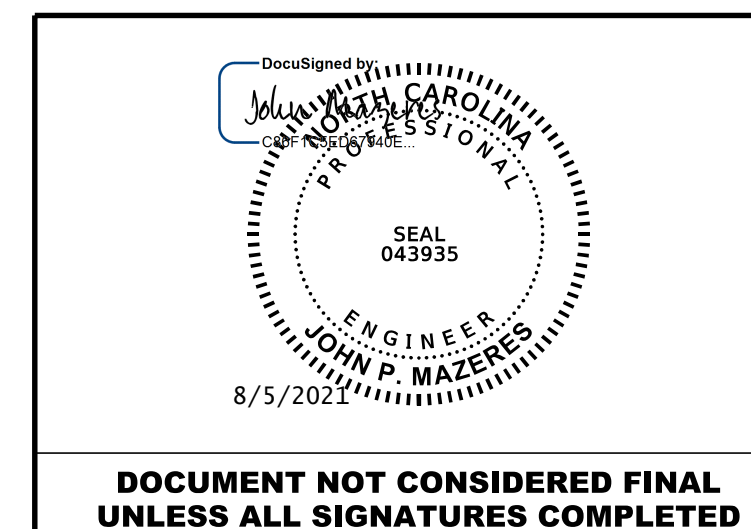
STEP 3: REPEAT STEPS 1 AND 2 UNTIL ALL WORK IS COMPLETE.

LOCATION: C-5 (BRIDGE # 328) SOUTHBOUND

STEP 1: USE TMP-55, TMP-6C, AND NCDOT RSD 1101.02 SHEET 8 OF 14 TO CLOSE LANES L1 AND L2 OF I-277 SB, AND I-77 SB HOT LANES. THIS OPERATION WILL CLOSE THE I-77 SB HOT LANES. PERFORM BRIDGE DECK PRESERVATION OPERATIONS AS REQUIRED IN BRIDGE PLANS ON I-277 AT LOCATION C-5 (BRIDGE #328). AT THE END OF EACH WORK PERIOD REOPEN THE ROADWAY AND BRIDGE TO TRAFFIC.

STEP 2: USE TMP-56, TMP-14 FOR OFFSITE DETOUR 40, TMP-6C AND NCDOT RSD 1101.02 SHEET 8 OF 14 TO CLOSE LANES L2 AND L3 OF I-277 SB, RAMP #40, AND I-77 SB HOT LANES. PLACE DETOUR SIGNING FOR CLOSURES ALONG I-277, 11TH ST, RAMP #40 AND RAMP #41. THIS OPERATION WILL CLOSE RAMP #40 AND I-77 SB HOT LANES. COVER SIGNS UNTIL OFFSITE DETOUR ARE READY FOR OPERATION. PERFORM BRIDGE DECK PRESERVATION OPERATIONS AS REQUIRED IN BRIDGE PLANS ON I-277 AT LOCATION C-5 (BRIDGE #328). AT THE END OF EACH WORK PERIOD REOPEN THE ROADWAY AND BRIDGE TO TRAFFIC.

STEP 3: REPEAT STEPS 1 AND 2 UNTIL ALL WORK IS COMPLETE.



PHASING NOTES
(2 OF 3)

**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**

PHASING NOTES

LOCATION: C-4 (BRIDGE # 327) SOUTHBOUND

STEP 1: USE TMP-57, TMP-6C, AND NCDOT RSD 1101.02 SHEET 8 OF 14 TO CLOSE LANES L1 AND L2 OF I-277 SB AND I-77 SB HOT LANES. THIS OPERATION WILL CLOSE THE I-77 SB HOT LANES. PERFORM BRIDGE DECK PRESERVATION OPERATIONS AS REQUIRED IN BRIDGE PLANS ON I-277 AT LOCATION C-4 (BRIDGE #327). AT THE END OF EACH WORK PERIOD REOPEN THE ROADWAY AND BRIDGE TO TRAFFIC.

STEP 2: USE TMP-58, TMP-14 FOR OFFSITE DETOUR 40, TMP-6C, AND NCDOT RSD 1101.02 SHEET 8 OF 14 TO CLOSE LANES L2 AND L3 OF I-277 SB, RAMP #40 AND I-77 SB HOT LANES. PLACE DETOUR SIGNING FOR CLOSURES ALONG I-277, 11TH ST, RAMP #40 AND RAMP #41. THIS OPERATION WILL CLOSE RAMP #40 AND THE I-77 SB HOT LANES. COVER SIGNS UNTIL OFFSITE DETOUR IS READY FOR OPERATION. PERFORM BRIDGE DECK PRESERVATION OPERATIONS AS REQUIRED IN BRIDGE PLANS ON I-277 AT LOCATION C-4 (BRIDGE #327). AT THE END OF EACH WORK PERIOD REOPEN THE ROADWAY AND BRIDGE TO TRAFFIC.

STEP 3: REPEAT STEPS 1 AND 2 UNTIL ALL WORK IS COMPLETE.

LOCATION: C-3 (BRIDGE # 326) SOUTHBOUND

STEP 1: USE TMP-59, TMP-6C, AND NCDOT RSD 1101.02 SHEET 8 OF 14 TO CLOSE LANES L1 AND L2 OF I-277 SB AND I-77 SB HOT LANES. THIS OPERATION WILL CLOSE THE I-77 SB HOT LANES. PERFORM BRIDGE DECK PRESERVATION OPERATIONS AS REQUIRED IN BRIDGE PLANS ON I-277 AT LOCATION C-3 (BRIDGE #326). AT THE END OF EACH WORK PERIOD REOPEN THE ROADWAY AND BRIDGE TO TRAFFIC.

STEP 2: USE TMP-60, TMP-14 FOR OFFSITE DETOUR 40, TMP-6C, AND NCDOT RSD 1101.02 SHEET 8 OF 14 TO CLOSE LANES L2 AND L3 OF I-277 SB, RAMP #40 AND I-77 SB HOT LANES. PLACE DETOUR SIGNING FOR CLOSURES I-277, 11TH ST, RAMP #40, AND RAMP #41. THIS OPERATION WILL CLOSE RAMP #40 AND THE I-77 SB HOT LANES. COVER SIGNS UNTIL OFFSITE DETOUR IS READY FOR OPERATION. PERFORM BRIDGE DECK PRESERVATION OPERATIONS AS REQUIRED IN BRIDGE PLANS ON I-277 AT LOCATION C-3 (BRIDGE #326). AT THE END OF EACH WORK PERIOD REOPEN THE ROADWAY AND BRIDGE TO TRAFFIC.

STEP 3: REPEAT STEPS 1 AND 2 UNTIL ALL WORK IS COMPLETE.

LOCATION: C-2 (BRIDGE # 322) SOUTHBOUND

STEP 1: USE TMP-61, TMP-6C AND NCDOT RSD 1101.02 SHEET 8 OF 14 TO CLOSE LANES L1 AND L2 OF I-277 SB AND I-77 SB HOT LANES. THIS OPERATION WILL CLOSE THE I-77 SB HOT LANES. PERFORM BRIDGE DECK PRESERVATION OPERATIONS AS REQUIRED IN BRIDGE PLANS ON I-277 AT LOCATION C-2 (BRIDGE #322). AT THE END OF EACH WORK PERIOD REOPEN THE ROADWAY AND BRIDGE TO TRAFFIC.

STEP 2: USE TMP-62, TMP-6C AND NCDOT RSD 1101.02 SHEET 8 OF 14 TO CLOSE LANES L2 AND L3 OF I-277 SB AND I-77 SB HOT LANES. THIS OPERATION WILL CLOSE THE I-77 SB HOT LANES. PERFORM BRIDGE DECK PRESERVATION OPERATIONS AS REQUIRED IN BRIDGE PLANS ON I-277 AT LOCATION C-2 (BRIDGE #322). AT THE END OF EACH WORK PERIOD REOPEN THE ROADWAY AND BRIDGE TO TRAFFIC.

STEP 3: REPEAT STEPS 1 AND 2 UNTIL ALL WORK IS COMPLETE.

LOCATION: C-1 (BRIDGE # 320) SOUTHBOUND

STEP 1: USE TMP-63 AND NCDOT RSD 1101.02 SHEET 8 OF 14 TO CLOSE LANES L1 AND L2 OF I-277 SB. PERFORM BRIDGE DECK PRESERVATION OPERATIONS AS REQUIRED IN BRIDGE PLANS ON I-277 AT LOCATION C-1 (BRIDGE #320). AT THE END OF EACH WORK PERIOD REOPEN THE ROADWAY AND BRIDGE TO TRAFFIC.

STEP 2: USE TMP-64 AND NCDOT RSD 1101.02 SHEET 8 OF 14 TO CLOSE LANES L2 AND L3 OF I-277 SB. PERFORM BRIDGE DECK PRESERVATION OPERATIONS AS REQUIRED IN BRIDGE PLANS ON I-277 AT LOCATION C-1 (BRIDGE #320). AT THE END OF EACH WORK PERIOD REOPEN THE ROADWAY AND BRIDGE TO TRAFFIC.

STEP 3: REPEAT STEPS 1 AND 2 UNTIL ALL WORK IS COMPLETE.

LOCATION: C-8 (BRIDGE # 44)

STEP 1: USE TMP-20 FOR THE OFFSITE DETOUR FOR BRIDGE #44 TO CLOSE US74 AT BRIDGE #44. PLACE DETOUR SIGNING FOR CLOSURES ALONG US74, W MOREHEAD ST/US29, FREEDOM DR, I-77, RAMP #8 AND RAMP #6. THIS OPERATION WILL CLOSE US74 AT BRIDGE #44 AND RAMP #8. COVER SIGNS UNTIL OFFSITE DETOUR IS READY FOR OPERATION. PERFORM BRIDGE DECK PRESERVATION OPERATIONS AS REQUIRED IN BRIDGE PLANS ON US74 AT LOCATION C-8 (BRIDGE #44). AT THE END OF EACH WORK PERIOD REOPEN THE ROADWAY AND BRIDGE TO TRAFFIC.

STEP 2: REPEAT STEP 1 UNTIL ALL WORK IS COMPLETE.

LOCATION: C-9 (BRIDGE # 48)

STEP 1: USE TMP-18 FOR OFFSITE DETOUR 10 AND TMP-19 FOR OFFSITE DETOUR FOR BRIDGE #48 TO CLOSE I-277 AT BRIDGE #48. PLACE DETOUR SIGNING FOR CLOSURES ALONG I-77, REMOUNT RD, RAMP #10, I-277, US74, W TRADE ST, AND RAMP #5. THIS OPERATION WILL CLOSE I-277 AT BRIDGE #48 AND RAMP #10. COVER SIGNS UNTIL OFFSITE DETOURS ARE READY FOR OPERATION. PERFORM BRIDGE DECK PRESERVATION OPERATIONS AS REQUIRED IN BRIDGE PLANS ON I-277 AT LOCATION C-9 (BRIDGE #48). AT THE END OF EACH WORK PERIOD REOPEN THE ROADWAY AND BRIDGE TO TRAFFIC.

STEP 2: REPEAT STEP 1 UNTIL ALL WORK IS COMPLETE.

LOCATION: C-10 (BRIDGE # 138)

STEP 1: USE TMP-65, NCDOT RSD 1101.02 SHEET 3 OF 14 AND TMP-9 FOR OFFSITE DETOUR 35 TO CLOSE LANES L1 AND L2 OF E 12TH ST. PLACE DETOUR SIGNING FOR CLOSURES ALONG E 12TH ST, I-277, RAMP #35, E 4TH ST/NC16, N CHURCH ST, US29/GRAHAM ST, AND US74 WB. THIS OPERATION WILL CLOSE THE INSIDE LANE AT BRIDGE #138 AND RAMP #35 DURING ALLOWABLE LANE CLOSURE TIMES. COVER SIGNS UNTIL OFFSITE DETOURS ARE READY FOR OPERATION. PERFORM BRIDGE DECK PRESERVATION OPERATIONS AS REQUIRED IN BRIDGE PLANS ON E 12TH ST AT LOCATION C-10 (BRIDGE #138). AT THE END OF EACH WORK PERIOD REOPEN THE ROADWAY AND BRIDGE TO TRAFFIC.

STEP 2: REPEAT STEP 1 UNTIL ALL WORK IS COMPLETE.

STEP 3: USE TMP-66, TMP-6F, AND NCDOT RSD 1101.02 SHEET 3 OF 14 TO INSTALL LANE CLOSURE SIGNS AND DEVICES TO CLOSE THE OUTSIDE LANE AND OUTSIDE SIDEWALK OF E 12TH ST DURING ALLOWABLE LANE CLOSURE TIMES. USE TMP-6F TO PLACE SIGNS AND DEVICES ON E/W 12TH ST, N COLLEGE ST, E/W 11TH ST, AND N CHURCH ST TO CLOSE THE OUTSIDE SIDEWALK FOR THE PEDESTRIAN DETOUR FOR THE BRIDGE WORK AREA UNDER LOCATION C-10 (BRIDGE #138). PERFORM BRIDGE DECK PRESERVATION OPERATIONS AS REQUIRED IN BRIDGE PLANS ON E 12TH ST AT LOCATION C-10 (BRIDGE #138). AT THE END OF EACH WORK PERIOD REOPEN THE ROADWAY TO TRAFFIC.

STEP 4: REPEAT STEP 3 UNTIL ALL WORK IS COMPLETE.

STEP 5: USE TMP-25 AND NCDOT RSD 1101.02 SHEET 3 OF 14 TO INSTALL LANE CLOSURE SIGNS AND DEVICES TO CLOSE THE NORTHBOUND OUTSIDE LANE AND SIDEWALK OF TRYON ST DURING ALLOWABLE LANE CLOSURE TIMES. USE CHARLOTTE WORK ZONE TRAFFIC CONTROL HANDBOOK DIAGRAM 2 TO CLOSE THE NORTHBOUND SIDEWALK WITHIN THE BRIDGE WORK AREA UNDER LOCATION C-10 (BRIDGE #138). CROSS PEDESTRIANS AT 11TH ST FROM SOUTH TO NORTH, CROSS PEDESTRIANS BACK AT 12TH ST FROM NORTH TO SOUTH. PERFORM UNDER DECK BRIDGE OPERATIONS AS REQUIRED PER BRIDGE PLANS AT LOCATION C-10 (BRIDGE #138). AT THE END OF EACH WORK PERIOD REOPEN THE ROADWAY TO TRAFFIC.

STEP 6: REPEAT STEP 5 UNTIL ALL WORK IS COMPLETE.

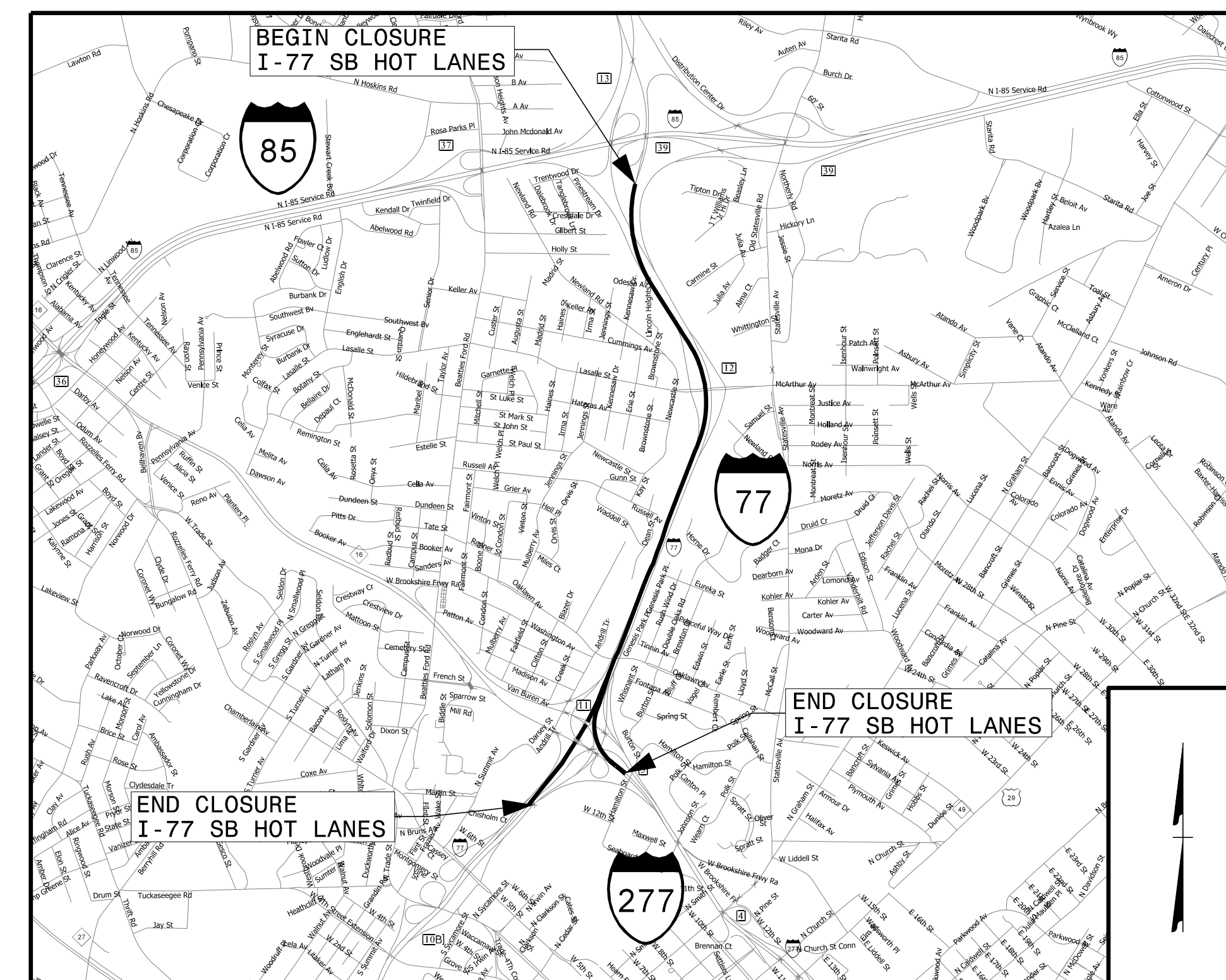
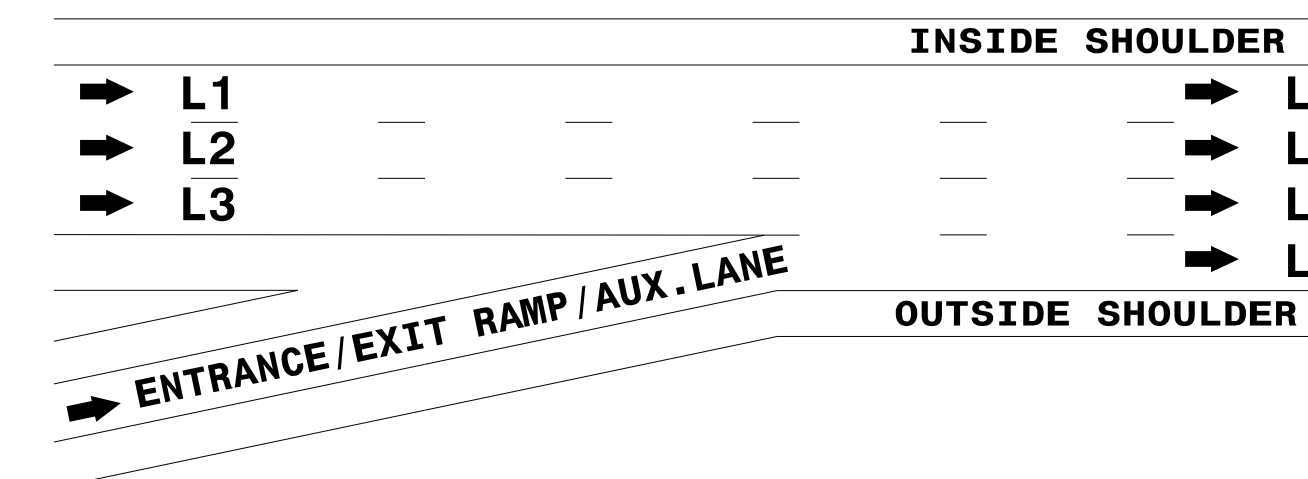
STEP 7: USE TMP-26, NCDOT RSD 1101.02 SHEET 3 OF 14 TO INSTALL LANE CLOSURE SIGNS DEVICES TO CLOSE THE SOUTHBOUND OUTSIDE LANE AND SIDEWALK OF TRYON ST DURING ALLOWABLE LANE CLOSURE TIMES. USE CHARLOTTE WORK ZONE TRAFFIC CONTROL HANDBOOK DIAGRAM 2 TO CLOSE THE SOUTHBOUND SIDEWALK WITHIN THE BRIDGE WORK AREA UNDER LOCATION C-10 (BRIDGE #138). CROSS PEDESTRIANS AT UNDER THE BRIDGE AT 12TH ST FROM NORTH TO SOUTH, CROSS PEDESTRIANS BACK AT 11TH ST FROM SOUTH TO NORTH. PERFORM UNDER DECK BRIDGE OPERATIONS AS REQUIRED PER BRIDGE PLANS AT LOCATION C-10 (BRIDGE #138). AT THE END OF EACH WORK PERIOD REOPEN THE ROADWAY TO TRAFFIC.

STEP 8: REPEAT STEP 7 UNTIL ALL WORK IS COMPLETE.

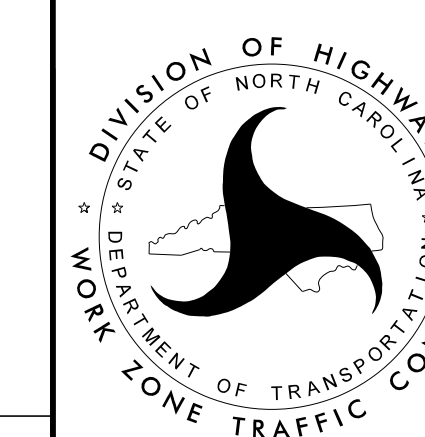
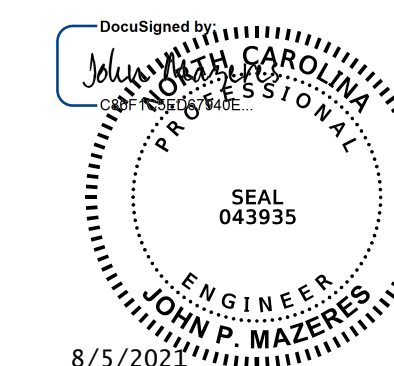
STEP 9: USE TMP-27, NCDOT RSD 1101.02 SHEET 3 OF 14 AND NCDOT RSD 1101.02 SHEET 7 OF 14 TO INSTALL LANE CLOSURE SIGNS AND DEVICES TO CLOSE THE CENTER LANES OF TRYON ST DURING ALLOWABLE LANE CLOSURE TIMES. PERFORM UNDER DECK BRIDGE OPERATIONS AS REQUIRED PER BRIDGE PLANS AT LOCATION C-10 (BRIDGE #138). AT THE END OF EACH WORK PERIOD REOPEN THE ROADWAY TO TRAFFIC.

STEP 10: REPEAT STEP 9 UNTIL ALL WORK IS COMPLETE.

TYPICAL NB/SB LANE CONFIGURATION

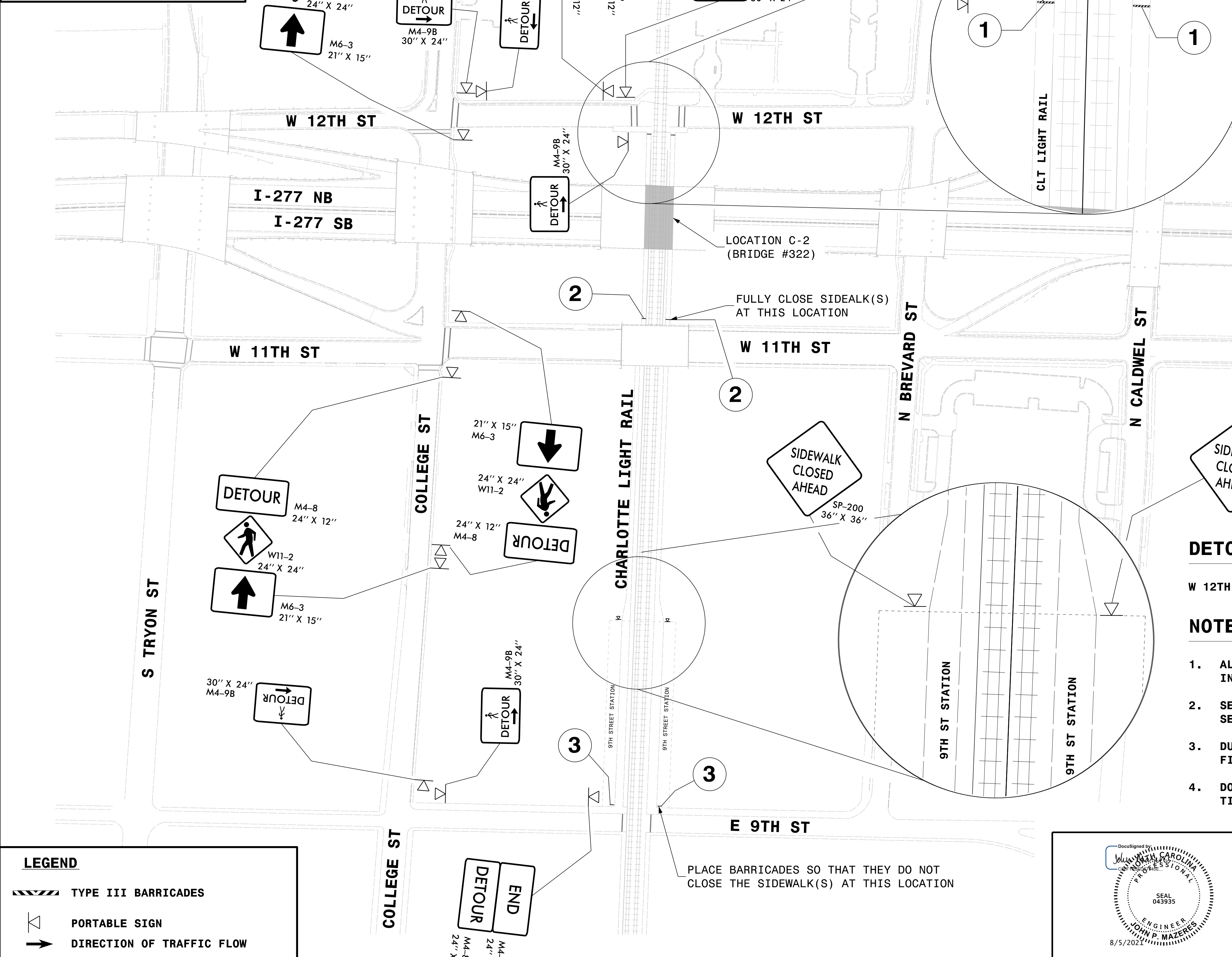
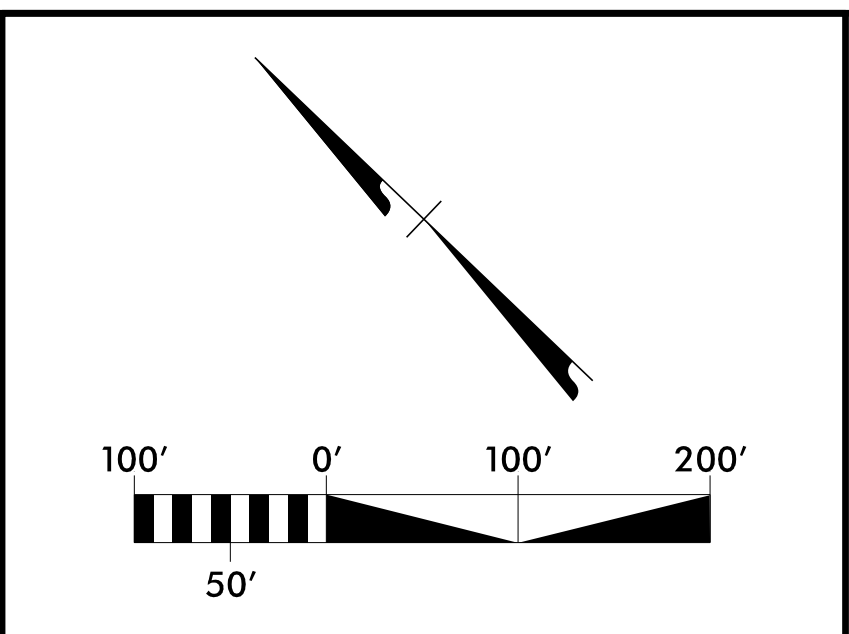


I-77 SB HOT LANES CLOSURE MAP



**PHASING NOTES
(3 OF 3)**

**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**

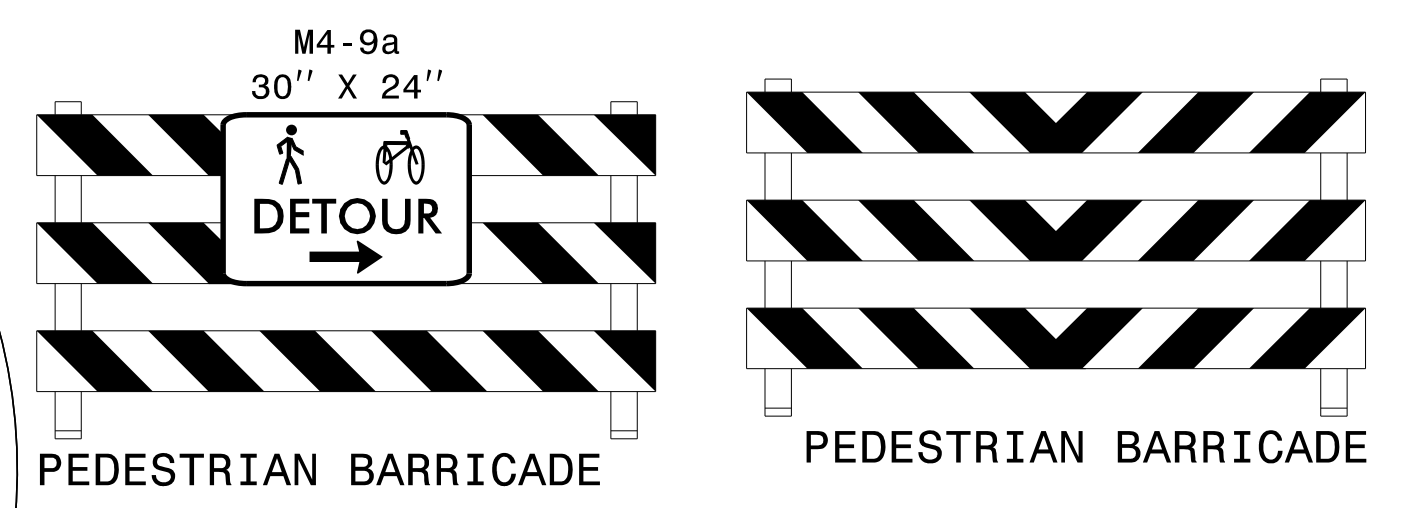


DO NOT BLOCK CATS MAINTENANCE DRIVEWAY AT THIS LOCATION, POSITION BARRICADES TO CLOSE PAVER SIDEALK ONLY

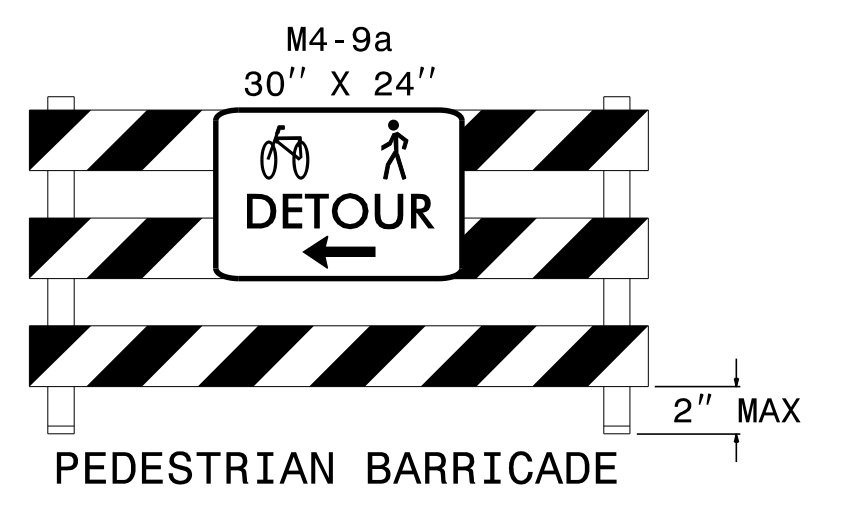
LOCATION C-2 (BRIDGE #322)

FULLY CLOSE SIDEALK(S) AT THIS LOCATION

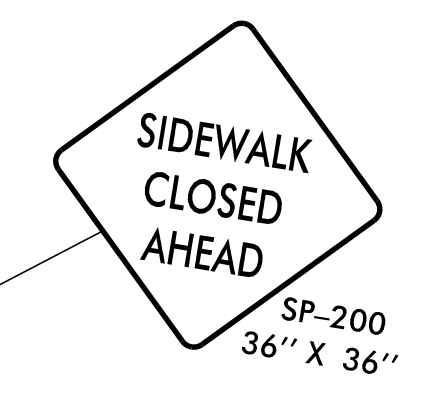
PLACE BARRICADES SO THAT THEY DO NOT CLOSE THE SIDEALK(S) AT THIS LOCATION



1



3



DETOUR DESCRIPTION:

W 12TH STREET TO COLLEGE STREET TO E. 9TH STREET

NOTES:

1. ALL TRAFFIC CONTROL SIGNS AND DEVICES SHALL BE INSTALLED PER ENGINEER'S INSTRUCTIONS.
2. SEE TMP-3 (PAVEMENT PRESERVATION VICINITY MAP) FOR SECTION DETAILS.
3. DUE TO DATE OF SURVEY, SURVEY DATA MAY NOT REPRESENT FIELD CONDITIONS.
4. DO NOT USE FULL SIDEWALK CLOSURE DURING CATS REVENUE TIMES.

LEGEND

- TYPE III BARRICADES
- PORTABLE SIGN
- DIRECTION OF TRAFFIC FLOW
- WORK AREA

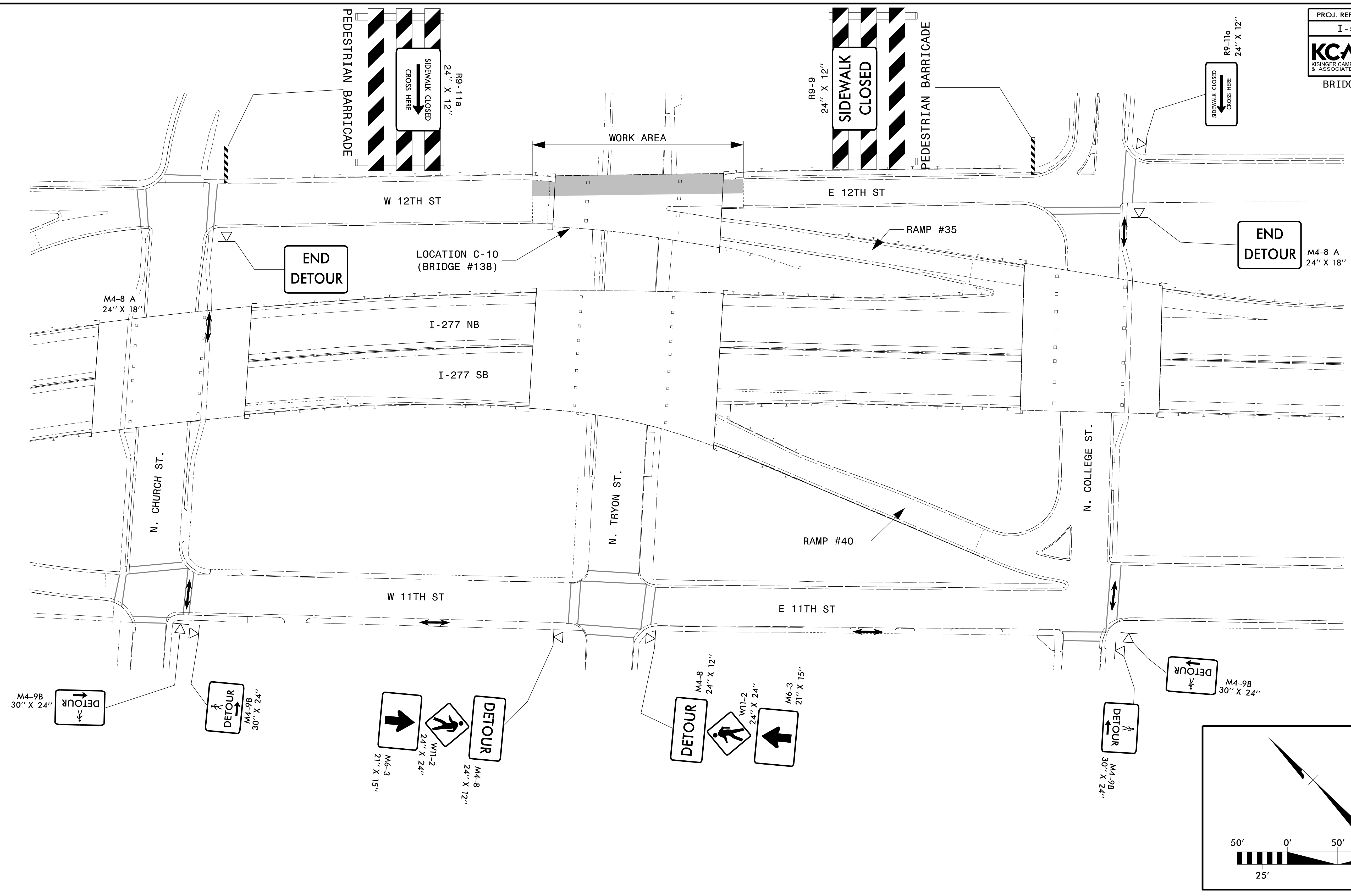
DocuSigned by:
John P. Mazeres
Professional Engineer
SEAL
043935
ENGINEER
JOHN P. MAZERES
8/5/2021

**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
WORK ZONE TRAFFIC CONTROL

**PEDESTRIAN DETOUR
FULL SIDEALK CLOSURE**

8/5/2021 2:00:51 PM I:\5746CD-TMP-6D-PEDESTRIAN DETOUR.dgn User:tduke

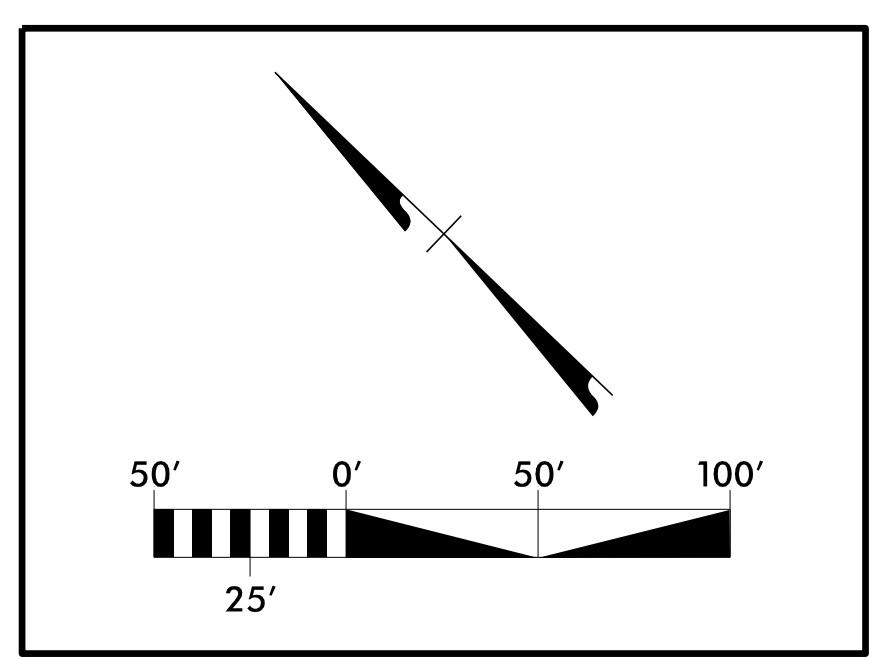


LEGEND

PORTABLE SIGN

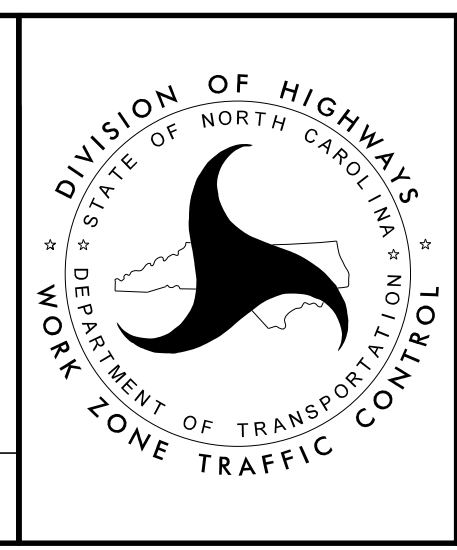
WORK AREA

- NOTES:**
1. ALL TRAFFIC CONTROL SIGNS AND DEVICES SHALL BE INSTALLED PER ENGINEER'S INSTRUCTIONS.
 2. SEE TMP-3 (BRIDGE PRESERVATION VICINITY MAP) FOR BRIDGE LOCATIONS.
 3. DUE TO DATE OF SURVEY, SURVEY DATA MAY NOT REPRESENT FIELD CONDITIONS.



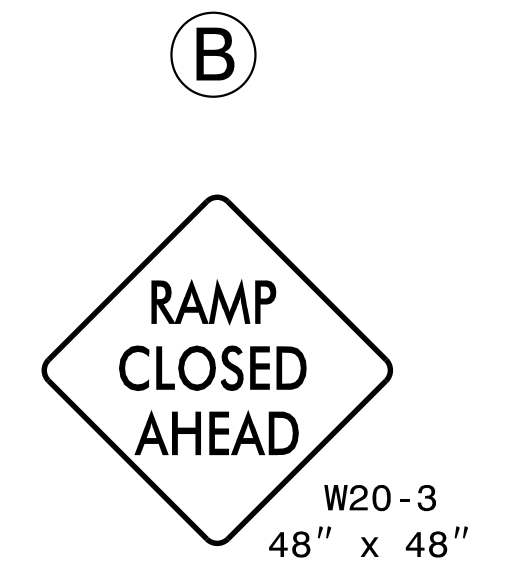
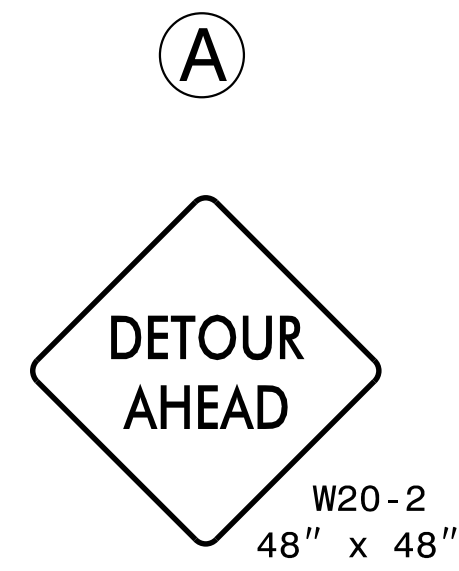
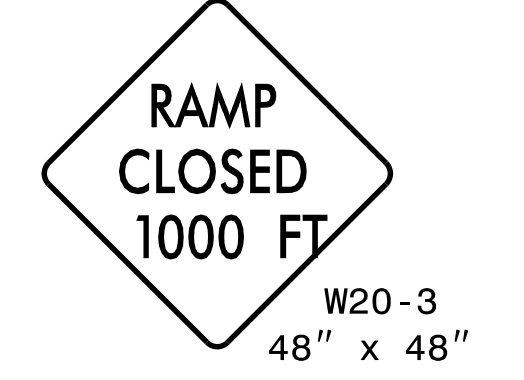
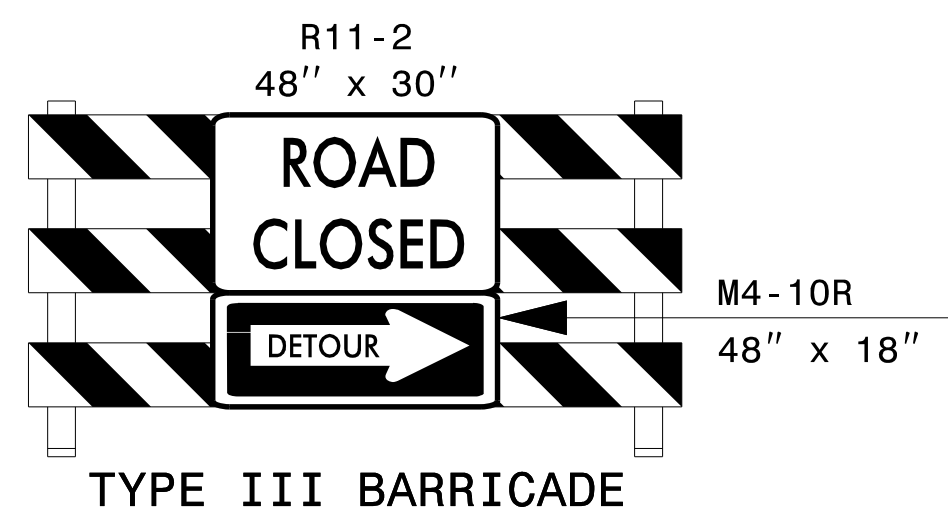
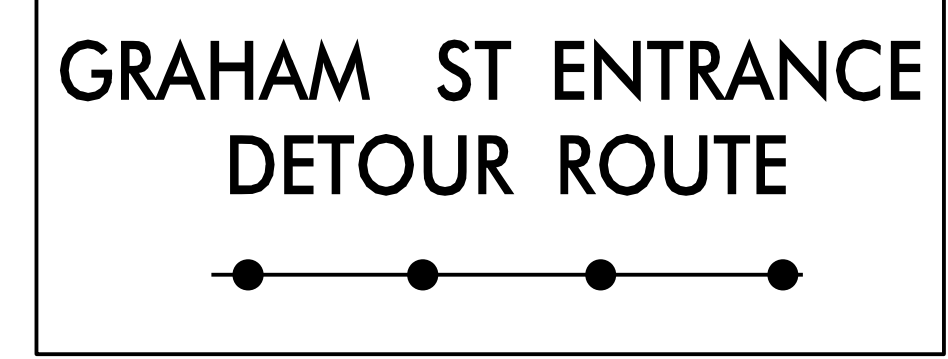
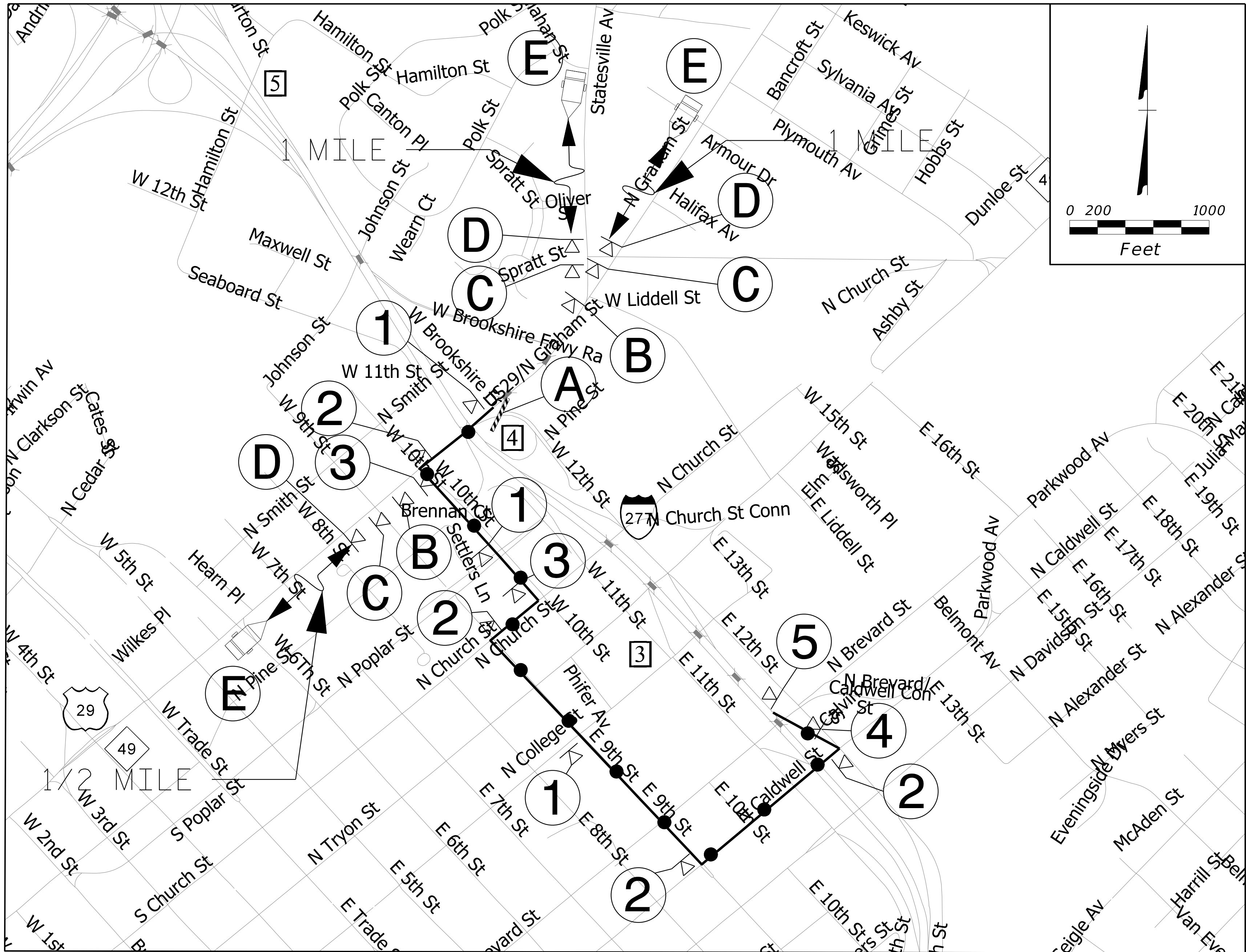
DocuSigned by
John P. Mazeres
PROFESSIONAL ENGINEER
SEAL
043935
8/5/2021

**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**



**PEDESTRIAN DETOUR
FOR BRIDGE #138**

8/5/2021 2:00:53 PM I-5746CD-TMP-6F-PEDESTRIAN DETOUR BRIDGE 138.dgn User: jduke



MESSAGE NO. 1	MESSAGE NO. 2
I-277 NB ON RAMP CLOSED	FOLLOW I-277 NB DETOUR

CHANGEABLE MESSAGE SIGN

(C)

(D)

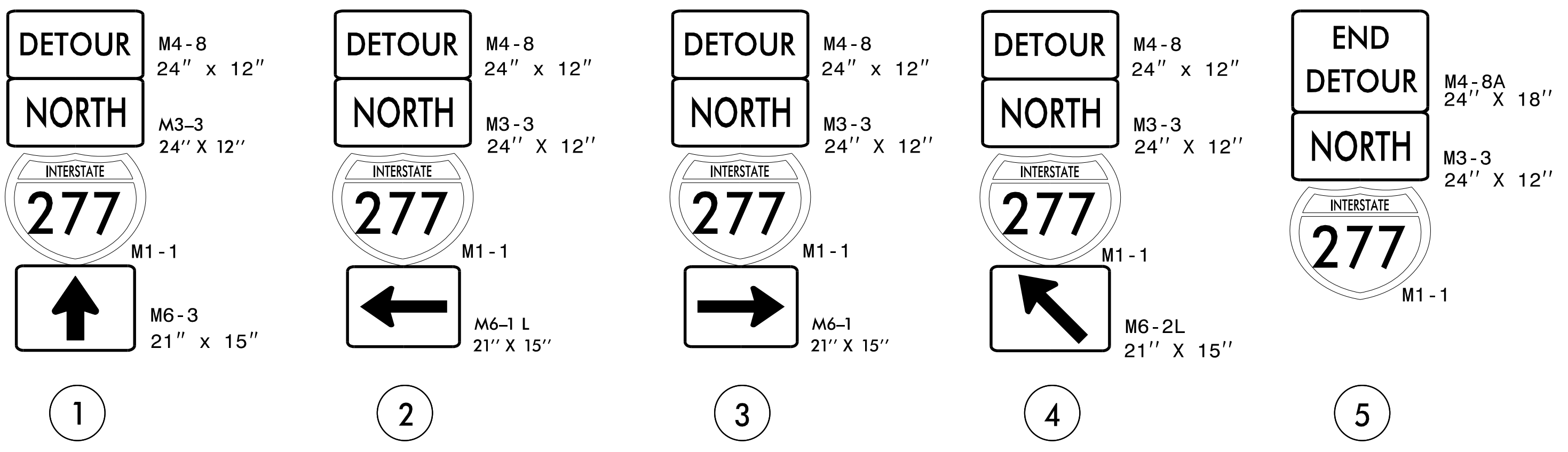
(E)

DETOUR DESCRIPTION:

GRAHAM ST./US 29 TO W. 10TH ST. TO N. CHURCH ST. TO E. 9TH ST. TO N. CALDWELL ST. TO I-277 NB ENTRANCE RAMP

NOTES:

TRAFFIC CONTROL DEVICES ① THRU ⑤ AND ①A THRU ①E SHALL BE INSTALLED PER ENGINEER'S INSTRUCTIONS.



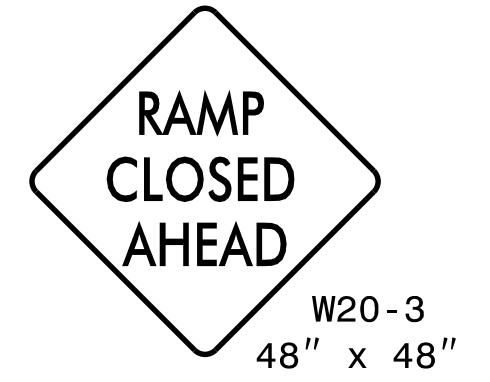
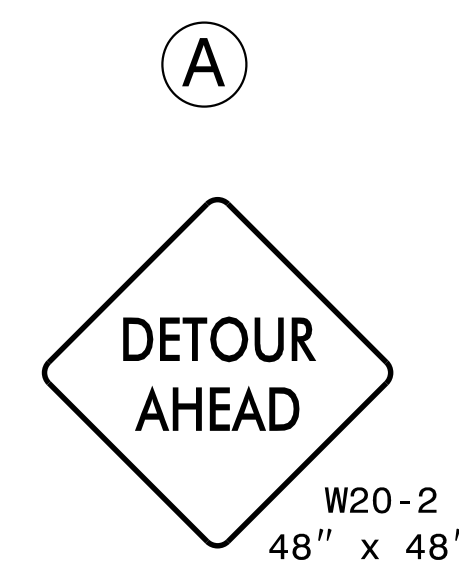
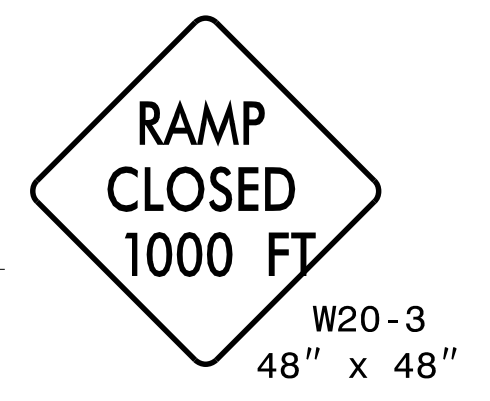
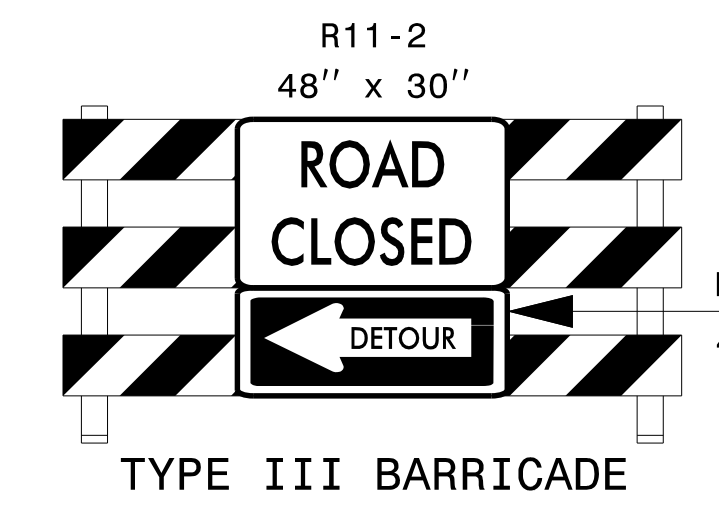
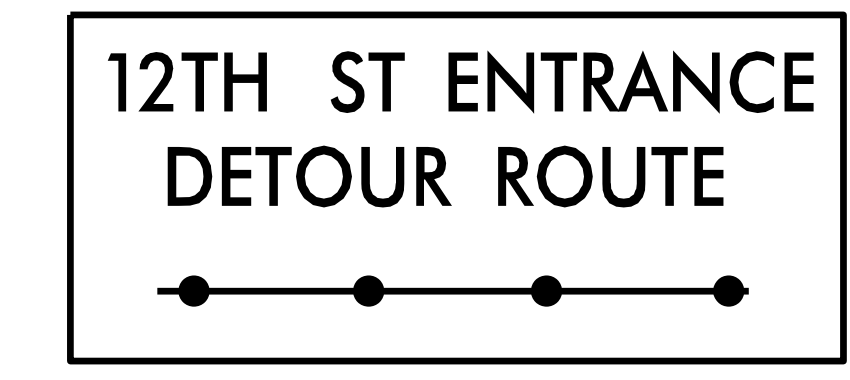
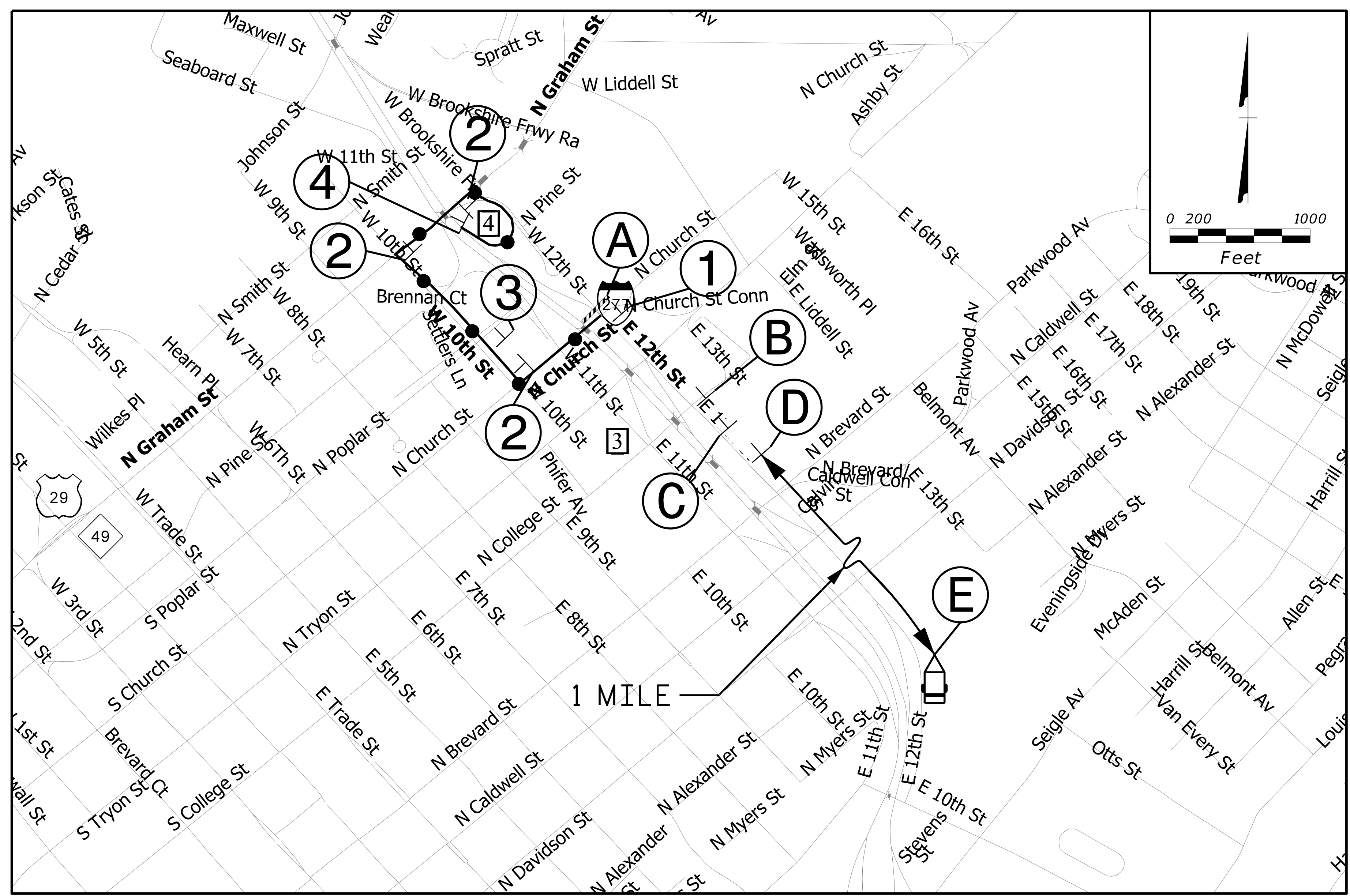
DocuSigned by
 John P. Mazeres
 PROFESSIONAL ENGINEER
 SEAL 043935
 JOHN P. MAZERES
 8/5/2021

**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**

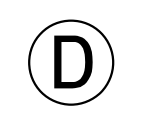
DIVISION OF HIGHWAYS
 STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 WORK ZONE TRAFFIC CONTROL

**OFFSITE DETOUR 33
SIGNING AND ROAD
CLOSURE SIGNING**

8/5/2021
 200.I0.15746CD.TMP-7.OFFSITE DETOUR 33 SIGNING AND ROAD CLOSURE SIGNING.dgn
 User: jduke



MESSAGE NO. 1	MESSAGE NO. 2
I-277 NB ON RAMP CLOSED	FOLLOW I-277 NB DETOUR
CHANGEABLE MESSAGE SIGN	

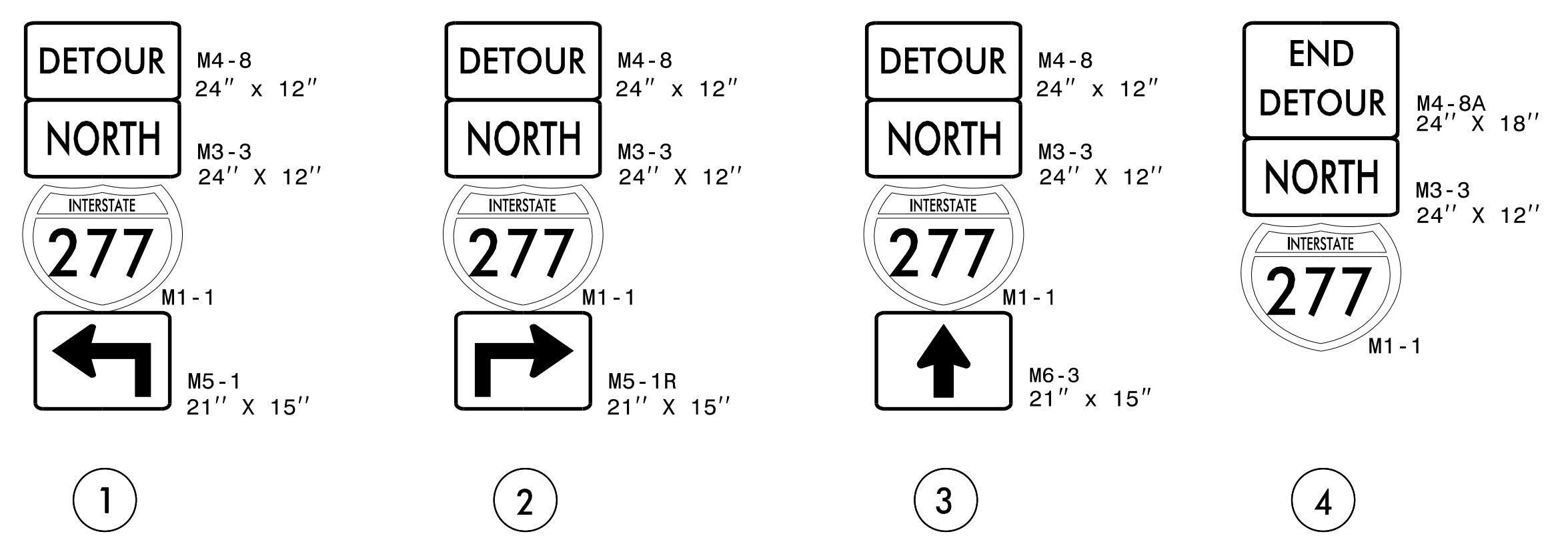


DETOUR DESCRIPTION:

W. 12TH ST. TO N. CHURCH ST. TO W. 10TH ST. TO GRAHAM ST./US29 TO I-277 NB ENTRANCE RAMP

NOTES:

TRAFFIC CONTROL DEVICES ① THRU ④ AND ①A THRU ①E SHALL BE INSTALLED PER ENGINEER'S INSTRUCTIONS.

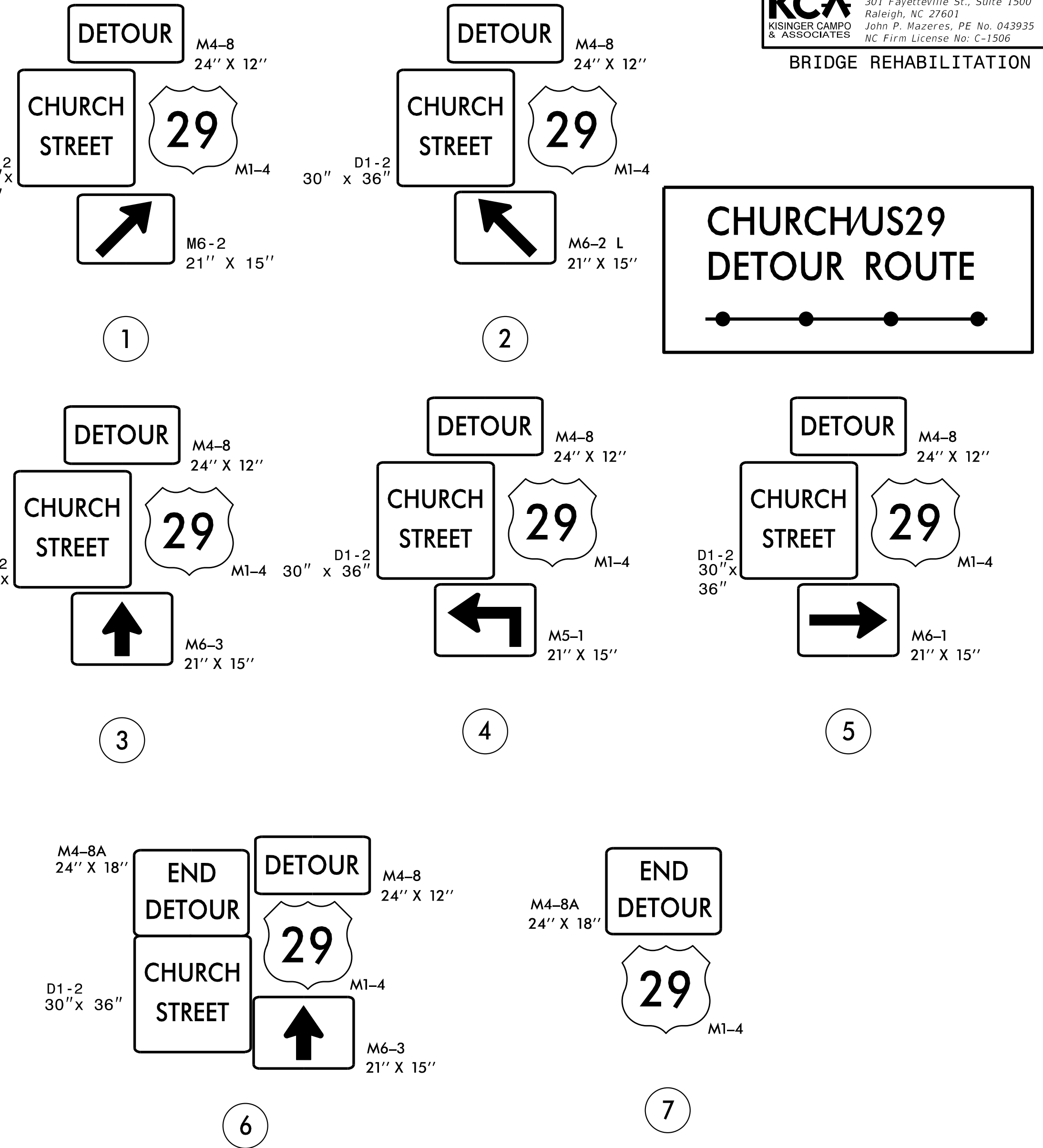
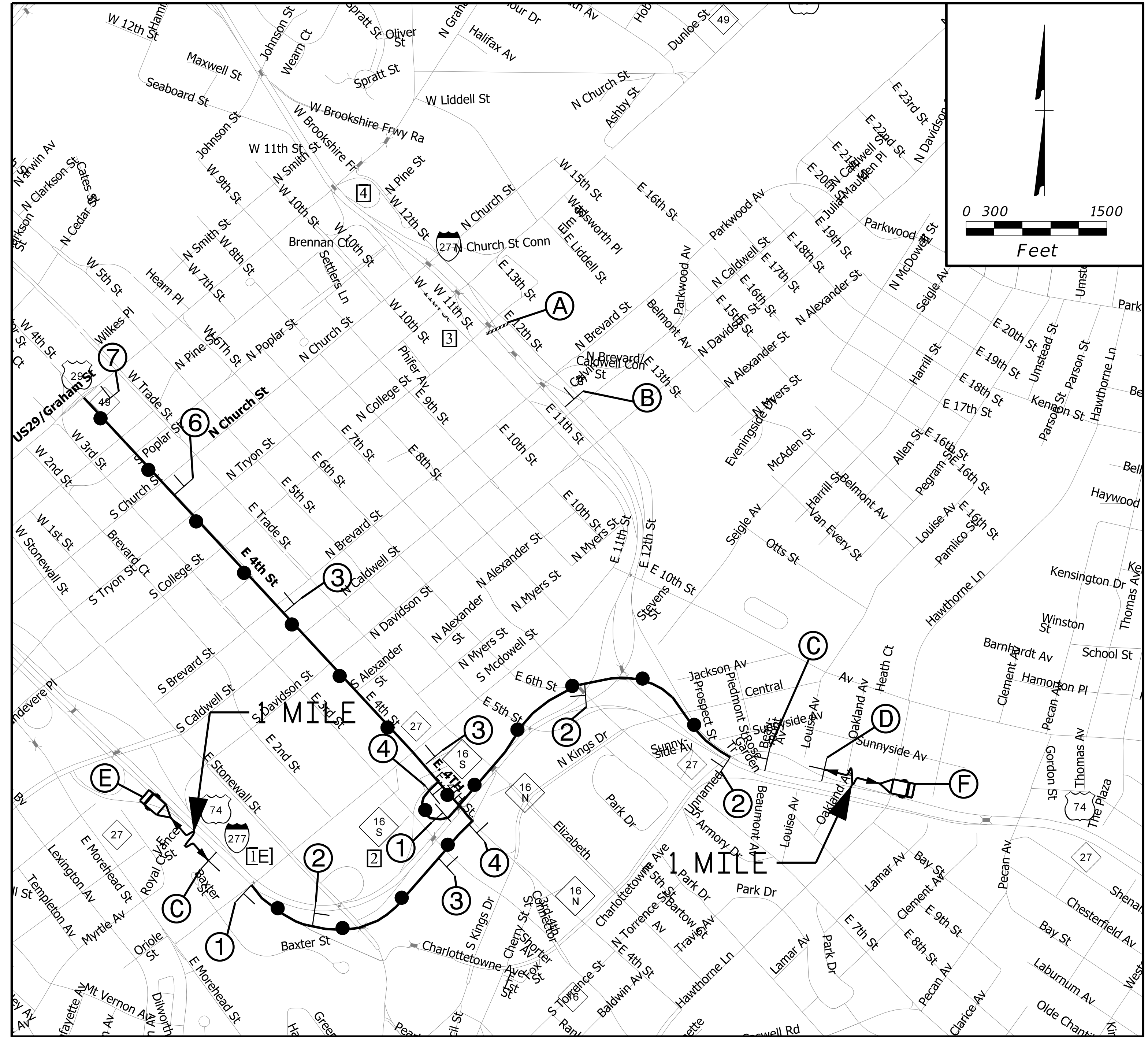


DocuSigned by:

**DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED**

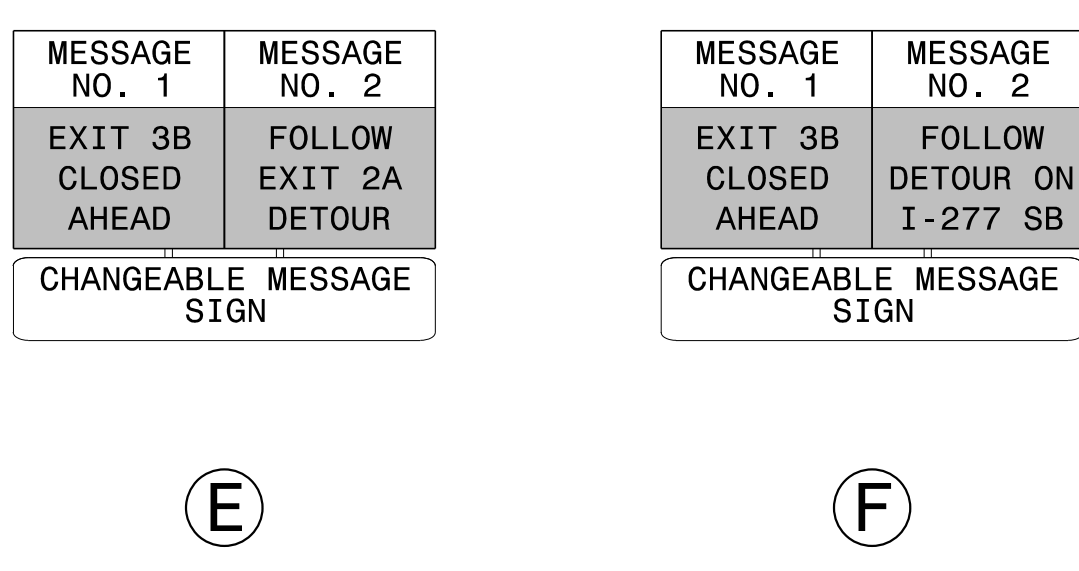
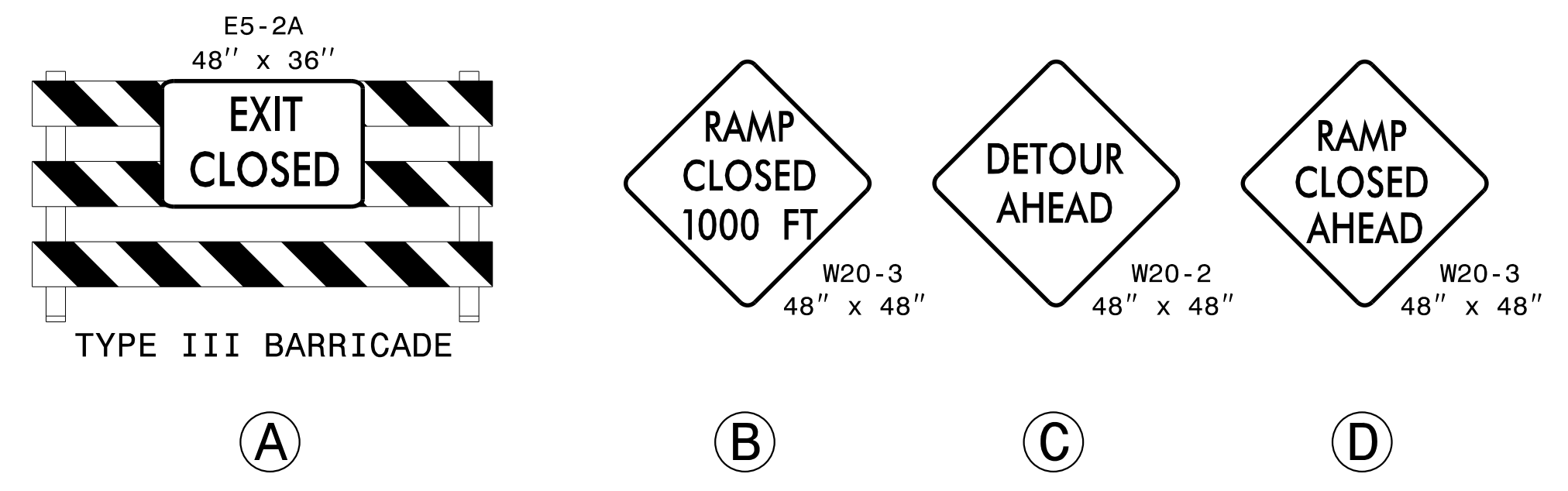
**OFFSITE DETOUR 34
 SIGNING AND ROAD
 CLOSURE SIGNING**

8/5/2021
 200.II.15746CD_TMP-8...OFFSITE DETOUR 34 SIGNING AND ROAD CLOSURE SIGNING.dgn
 User: jduke



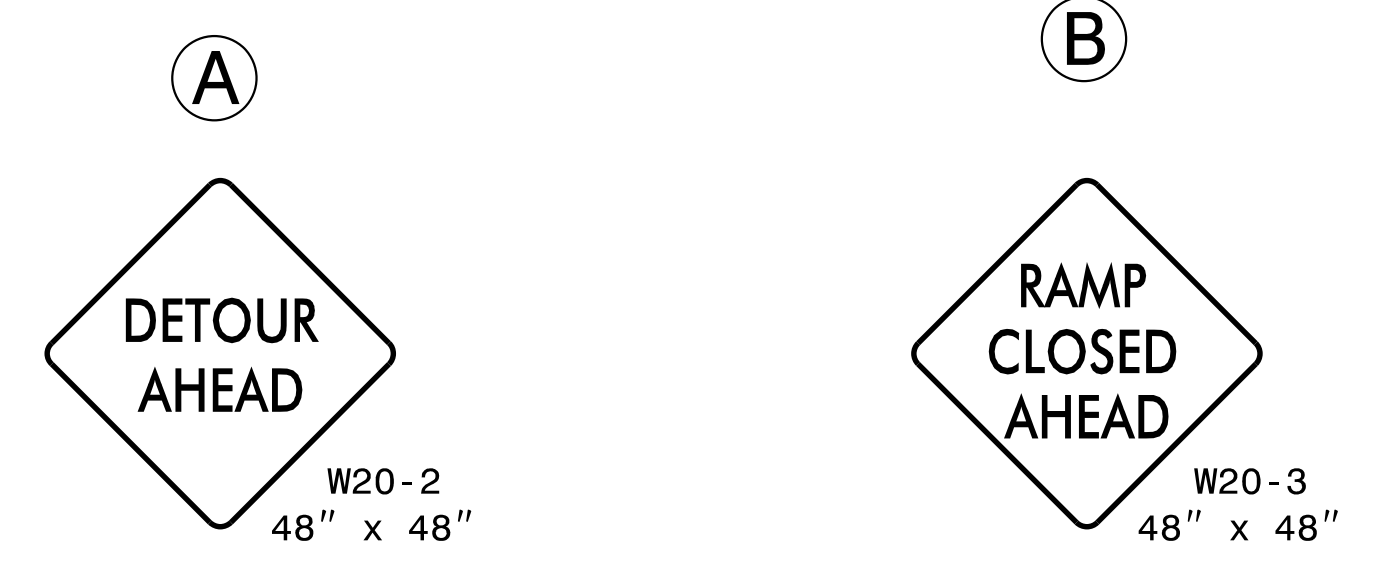
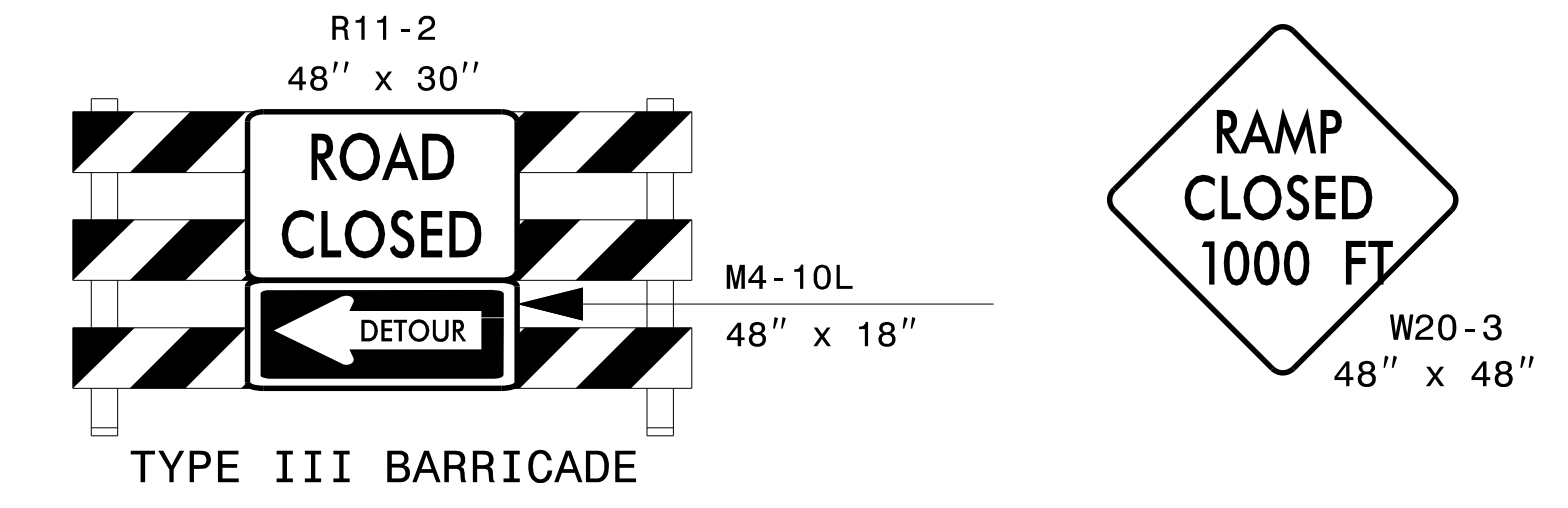
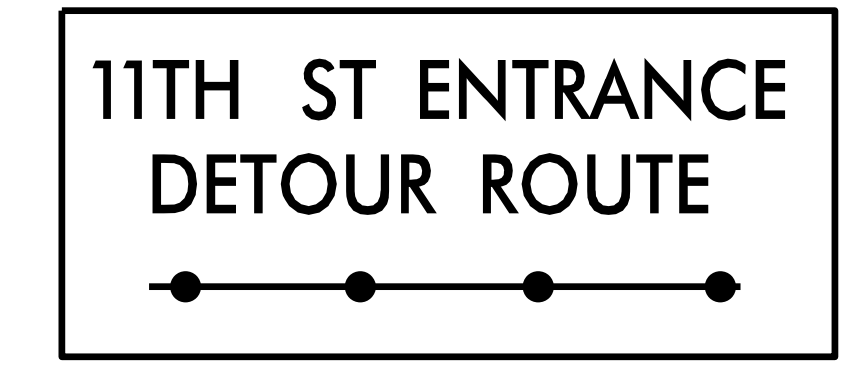
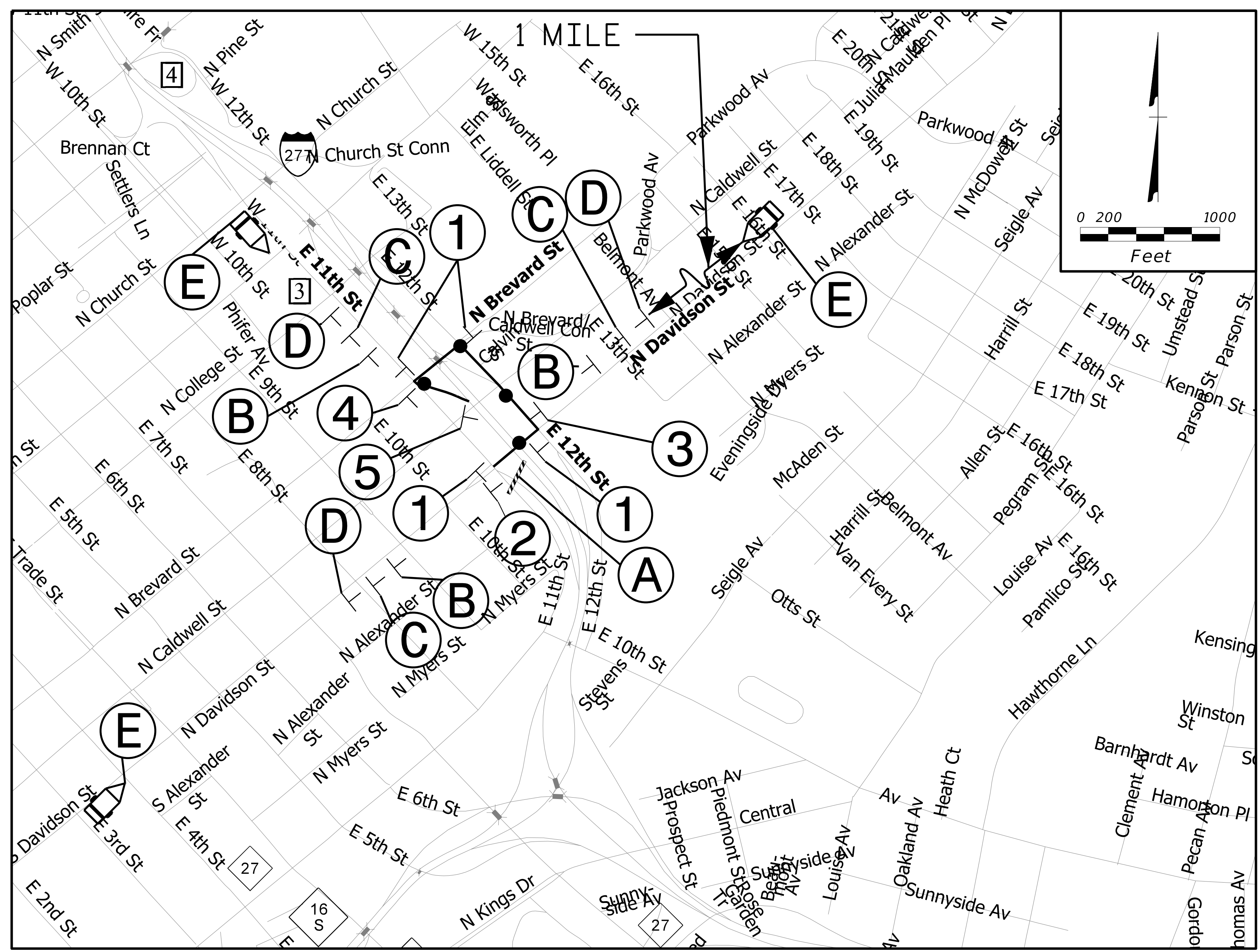
DETOUR DESCRIPTION:
 I-277 NB EXIT 2A TO E 4TH ST./NC16 TO N.CHURCH ST. AND TO US29/GRAHAM ST.
 US74WB TO I-277SB/US7WB TO EXIT 2A TO E 4TH ST./NC16 TO N.CHURCH ST.
 AND TO US29/GRAHAM ST.

- NOTES:**
1. TRAFFIC CONTROL DEVICES ① THRU ⑦ AND ①A THRU ①F SHALL BE INSTALLED PER ENGINEER'S INSTRUCTIONS.
 2. FOR DETOUR DESTINATION SIGNS, SEE SIGN DETAIL SHEETS.

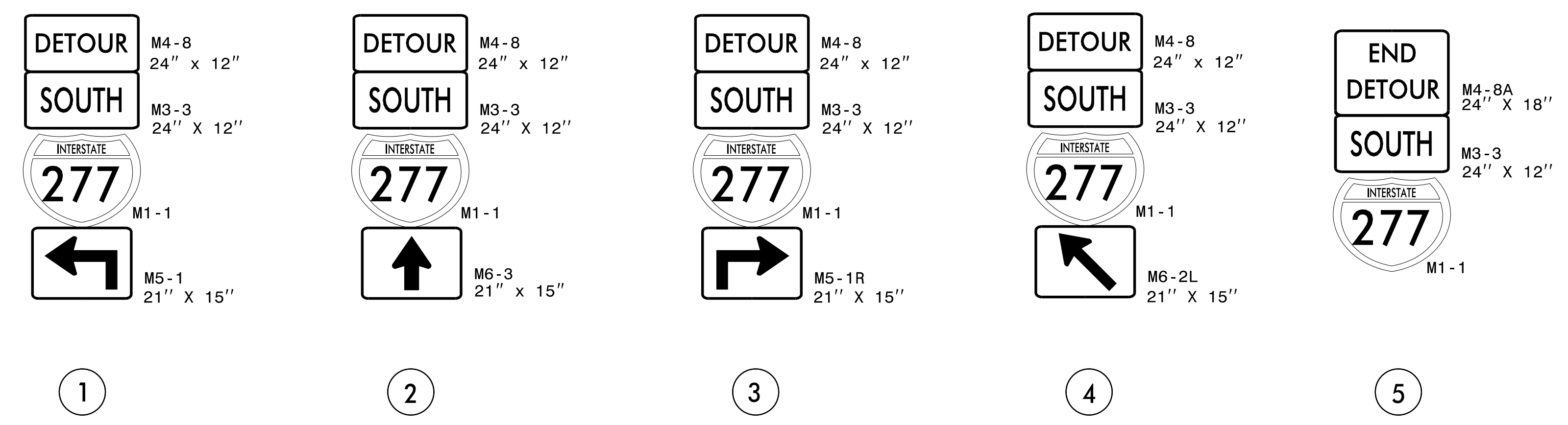


<p>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</p>	<p>STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL</p>	<p>OFFSITE DETOUR 35 SIGNING AND ROAD CLOSURE SIGNING</p>
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8/5/2021
 2001215746CD.TMP-9-OFFSITE DETOUR 35 SIGNING AND ROAD CLOSURE SIGNING.dgn
 User: jduke



MESSAGE NO. 1	MESSAGE NO. 2
I-277 SB ON RAMP CLOSED	FOLLOW I-277 SB DETOUR
CHANGEABLE MESSAGE SIGN	



DETOUR DESCRIPTION:

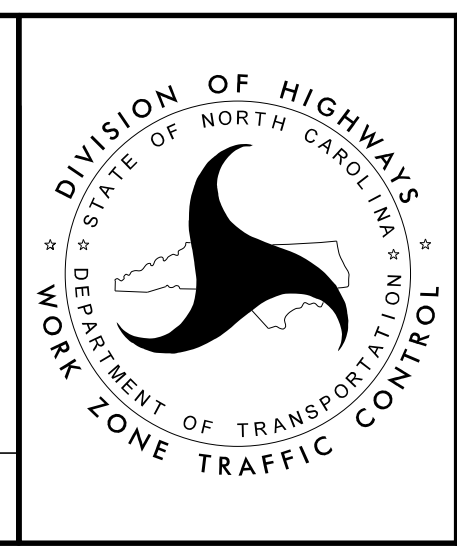
E. 11TH ST. TO N. DAVIDSON ST. TO E. 12TH ST. TO N. BREVARD ST. TO I-277 SB ENTRANCE RAMP

NOTES:

TRAFFIC CONTROL DEVICES ① THRU ⑤ AND ① A THRU ① E SHALL BE INSTALLED PER ENGINEER'S INSTRUCTIONS.

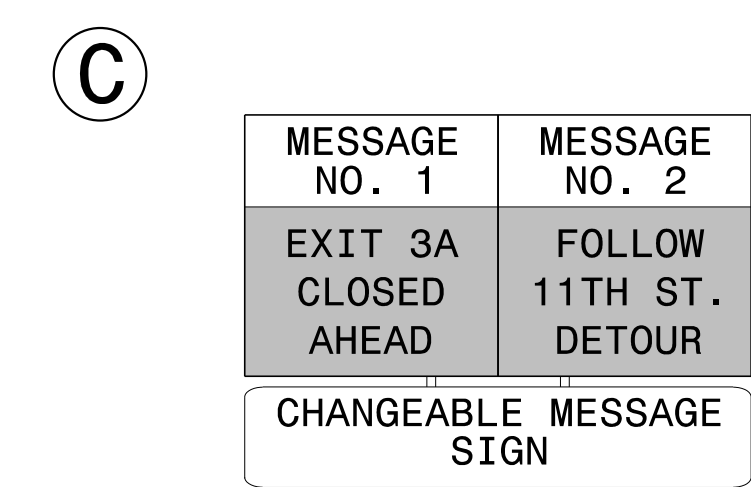
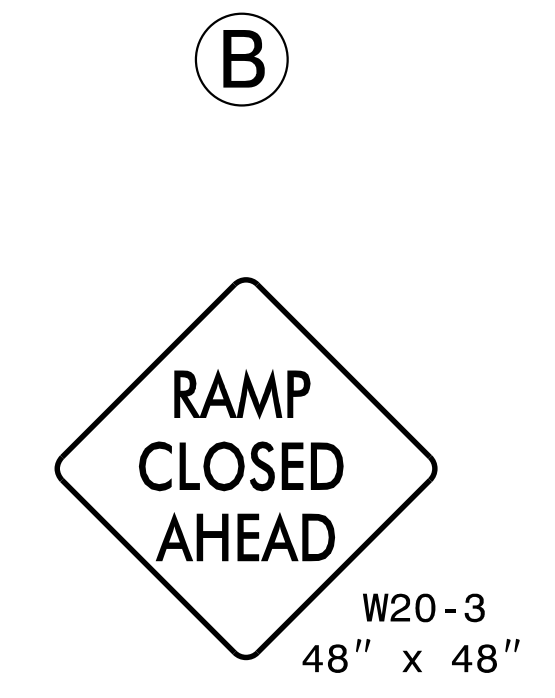
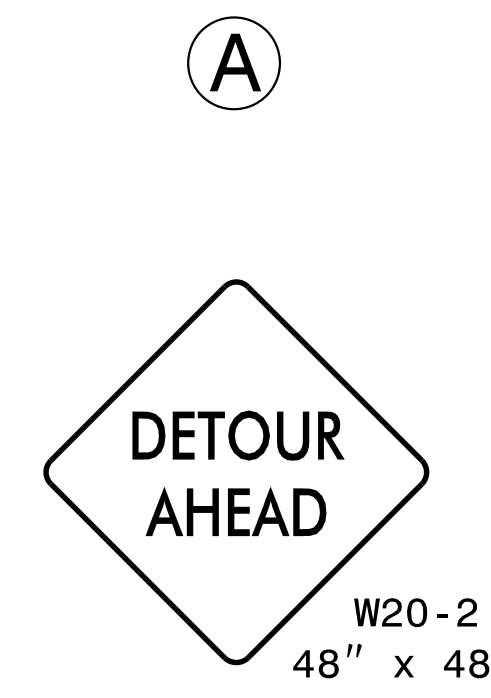
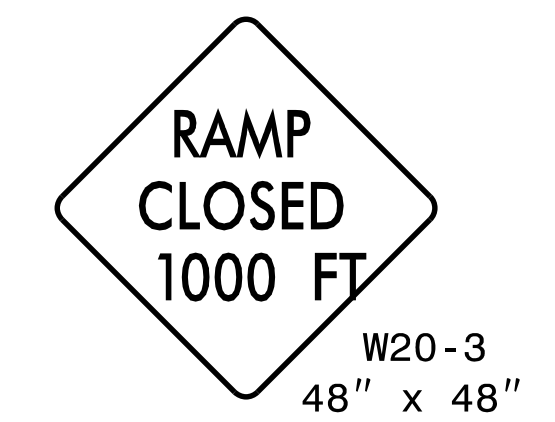
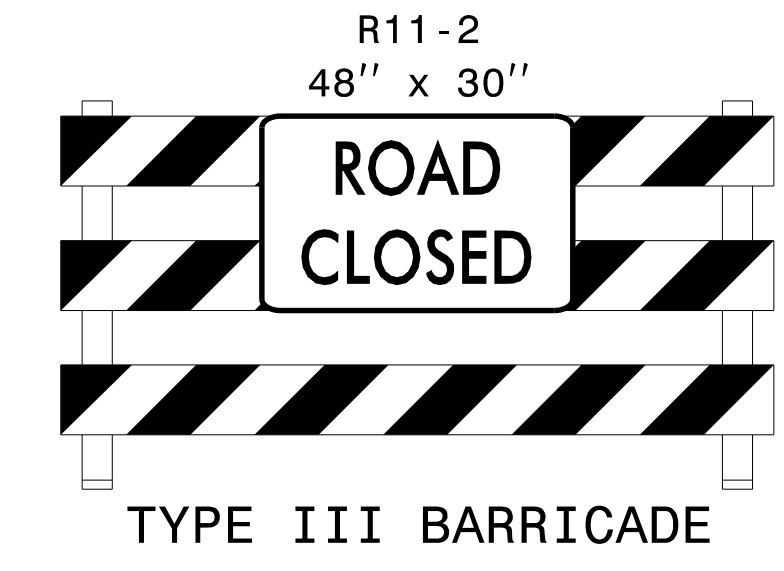
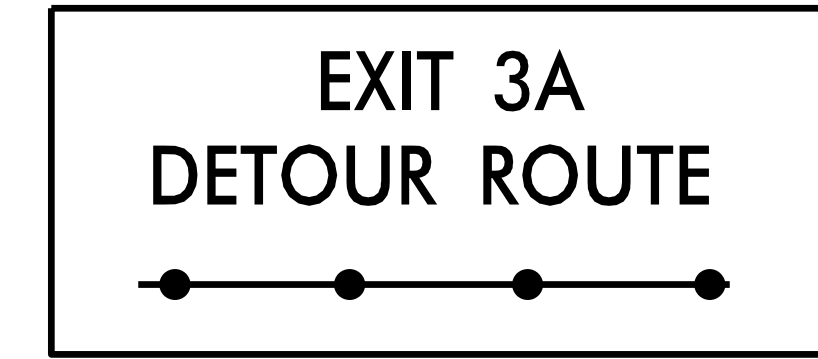
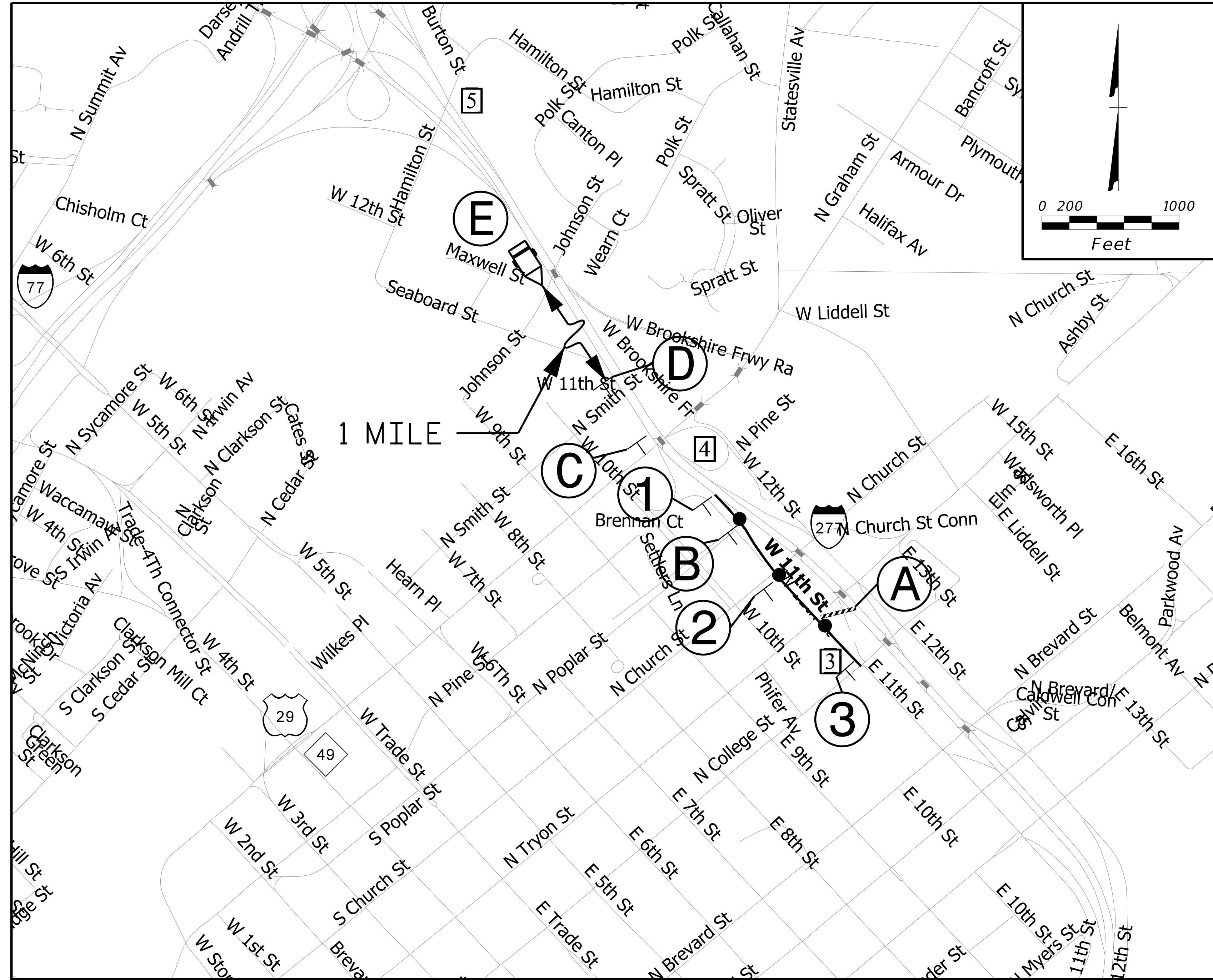
DocuSigned by:
 JOHN P. MAZERES
 PROFESSIONAL ENGINEER
 SEAL 043935
 8/5/2021

**DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED**



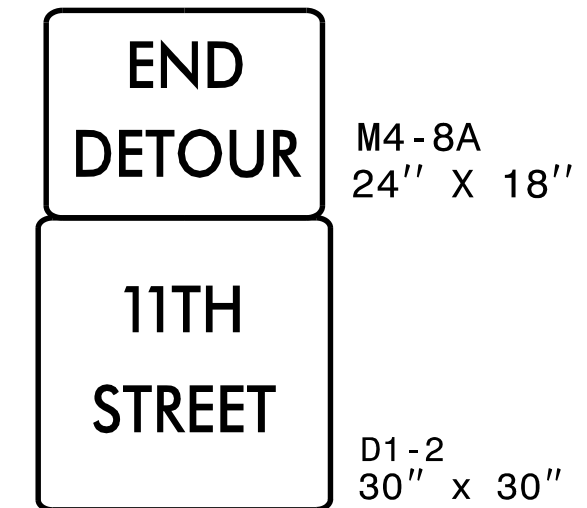
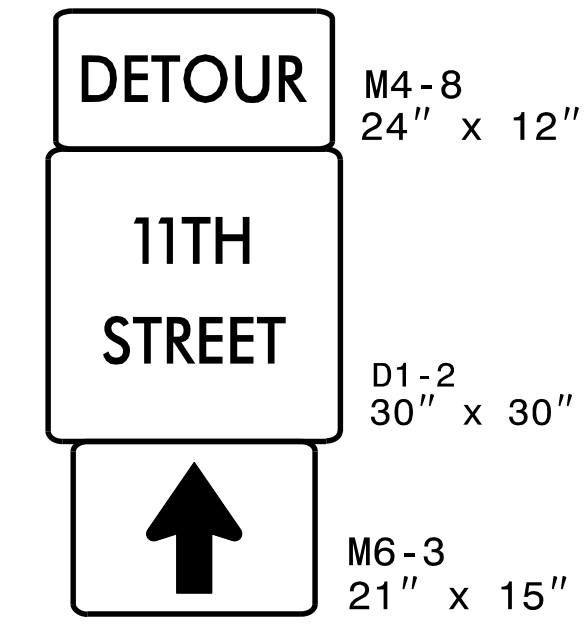
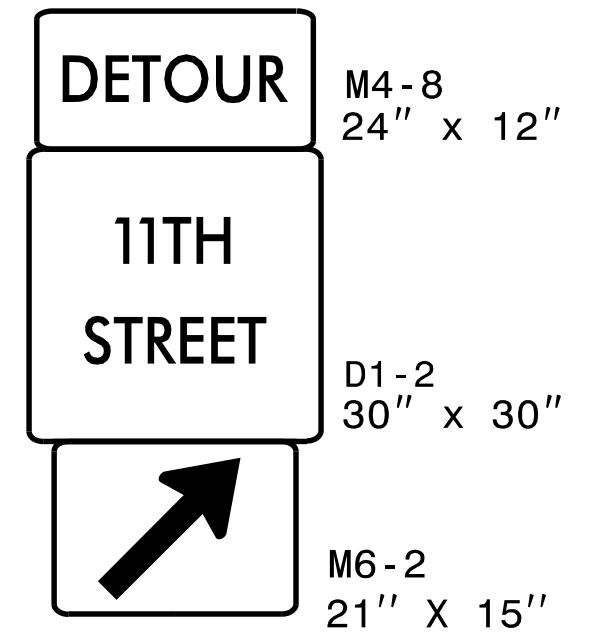
**OFFSITE DETOUR 38
 SIGNING AND ROAD
 CLOSURE SIGNING**

8/5/2021
 2001515746CD.TMP-12.OFFSITE DETOUR 38. SIGNING AND ROAD CLOSURE. SIGNING.dgn
 User: jduke



DETOUR DESCRIPTION:
 I-277 SB EXIT 3B TO W. 11TH ST.

- NOTES:**
- TRAFFIC CONTROL DEVICES ① THRU ③ AND (A) THRU (E) SHALL BE INSTALLED PER ENGINEER'S INSTRUCTIONS.
 - FOR DETOUR DESTINATION SIGNS, SEE SIGN DETAIL SHEETS.

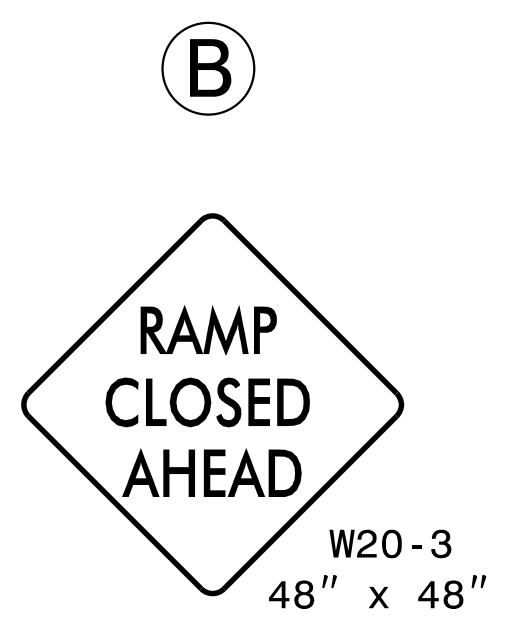
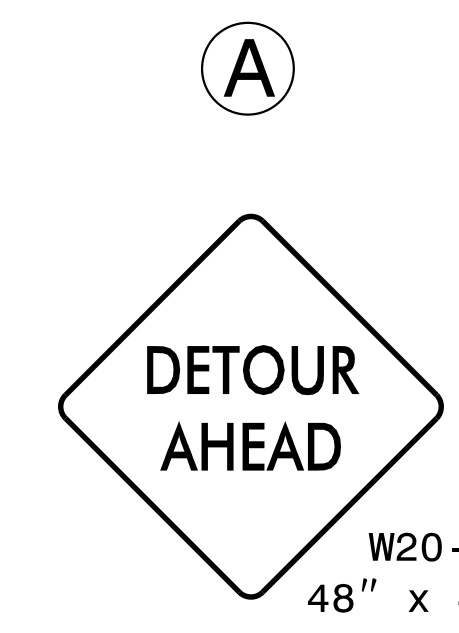
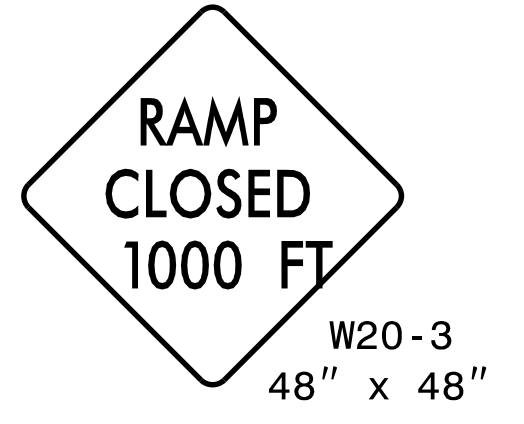
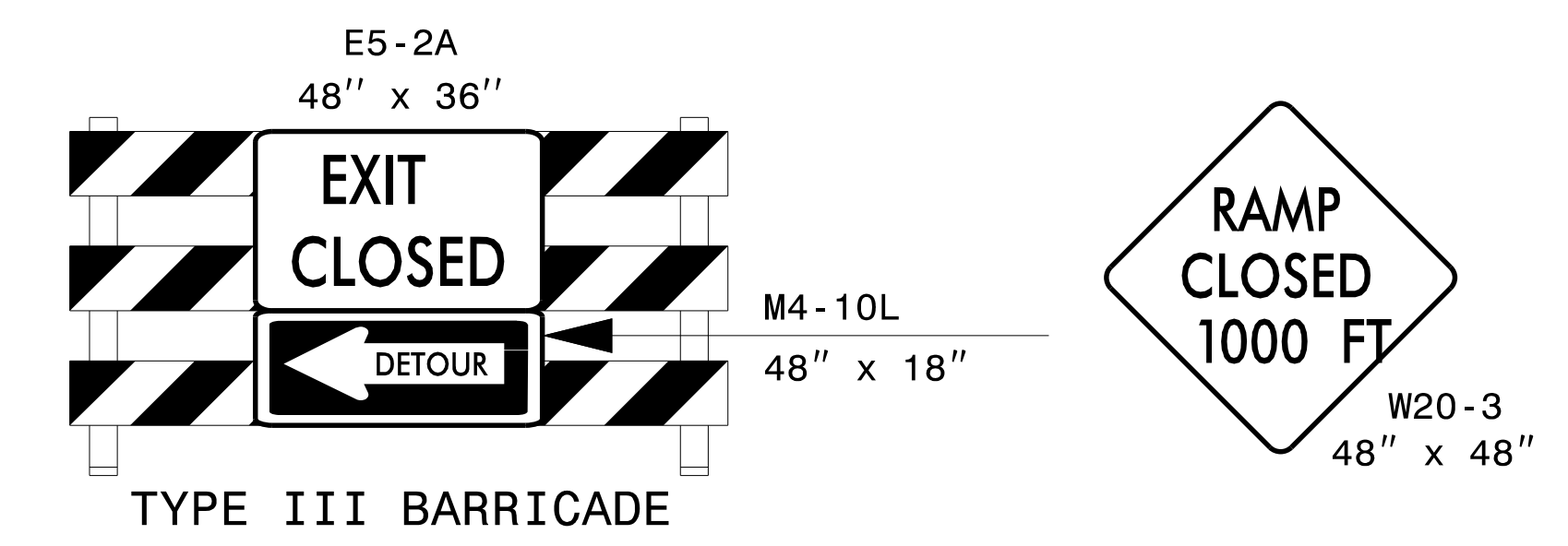
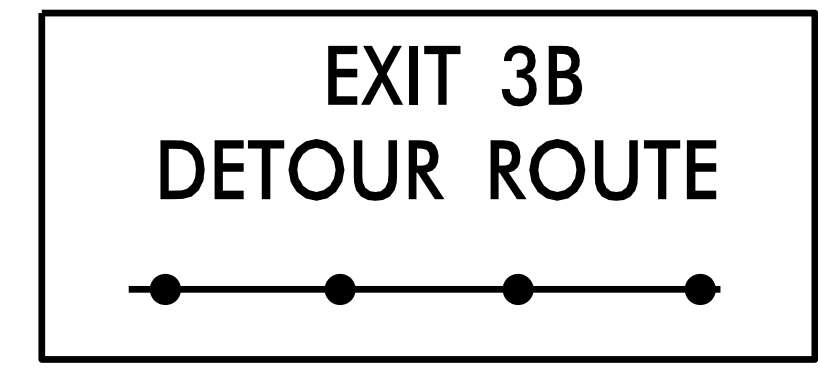
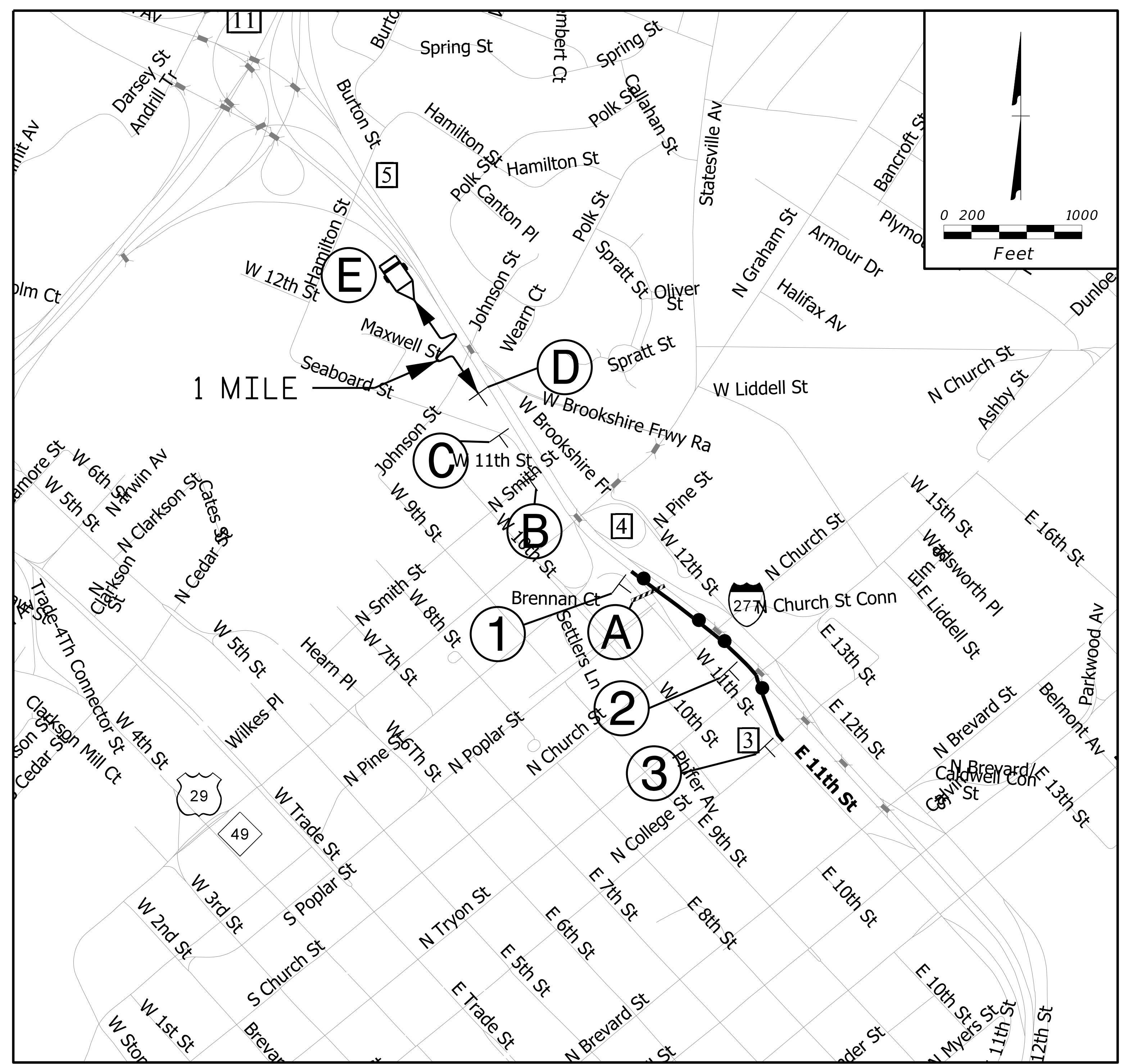


DocuSigned by:

**DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED**

**OFFSITE DETOUR 40
 SIGNING AND ROAD
 CLOSURE SIGNING**

8/5/2021
 20017_15746CD_TMP-14_OFFSITE_DETOUR_40_SIGNING_AND_ROAD_CLOSURE_SIGNING.dgn
 User:jduke



MESSAGE NO. 1	MESSAGE NO. 2
EXIT 3B CLOSED AHEAD	FOLLOW 11TH ST. DETOUR

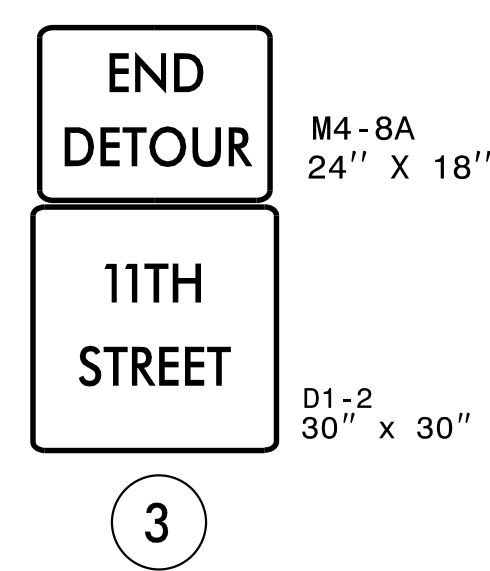
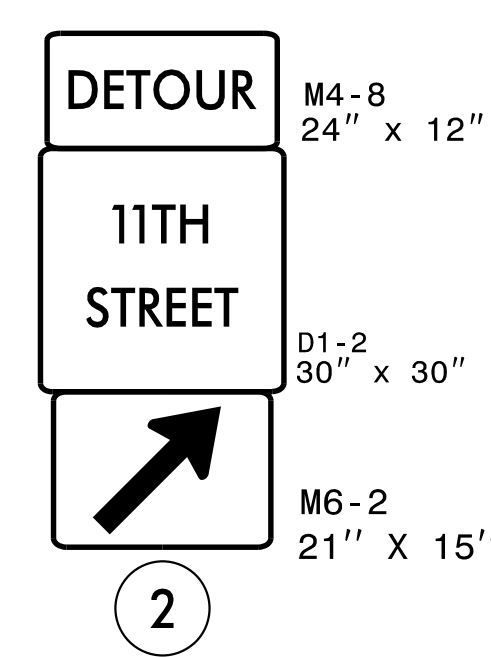
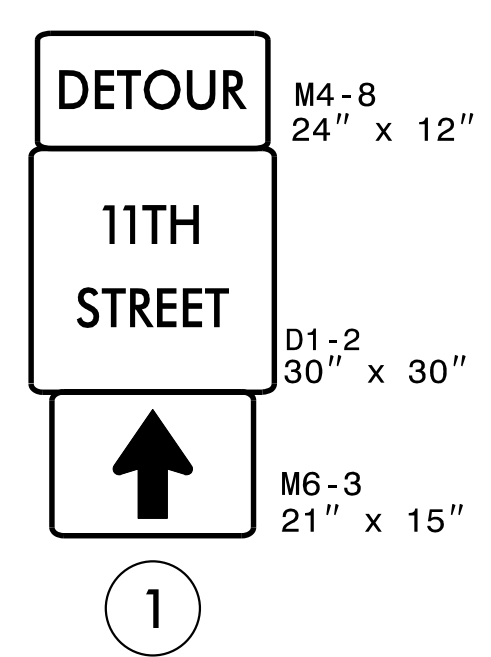
CHANGEABLE MESSAGE SIGN

DETOUR DESCRIPTION:

I-277 SB EXIT 3A TO E. 11TH ST.

NOTES:

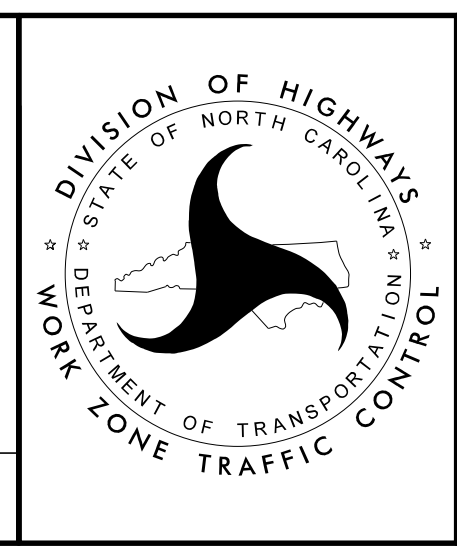
- TRAFFIC CONTROL DEVICES ① THRU ③ AND ④ THRU ⑥ SHALL BE INSTALLED PER ENGINEER'S INSTRUCTIONS.
- FOR DETOUR DESTINATION SIGNS, SEE SIGN DETAIL SHEETS.



DocuSigned by:

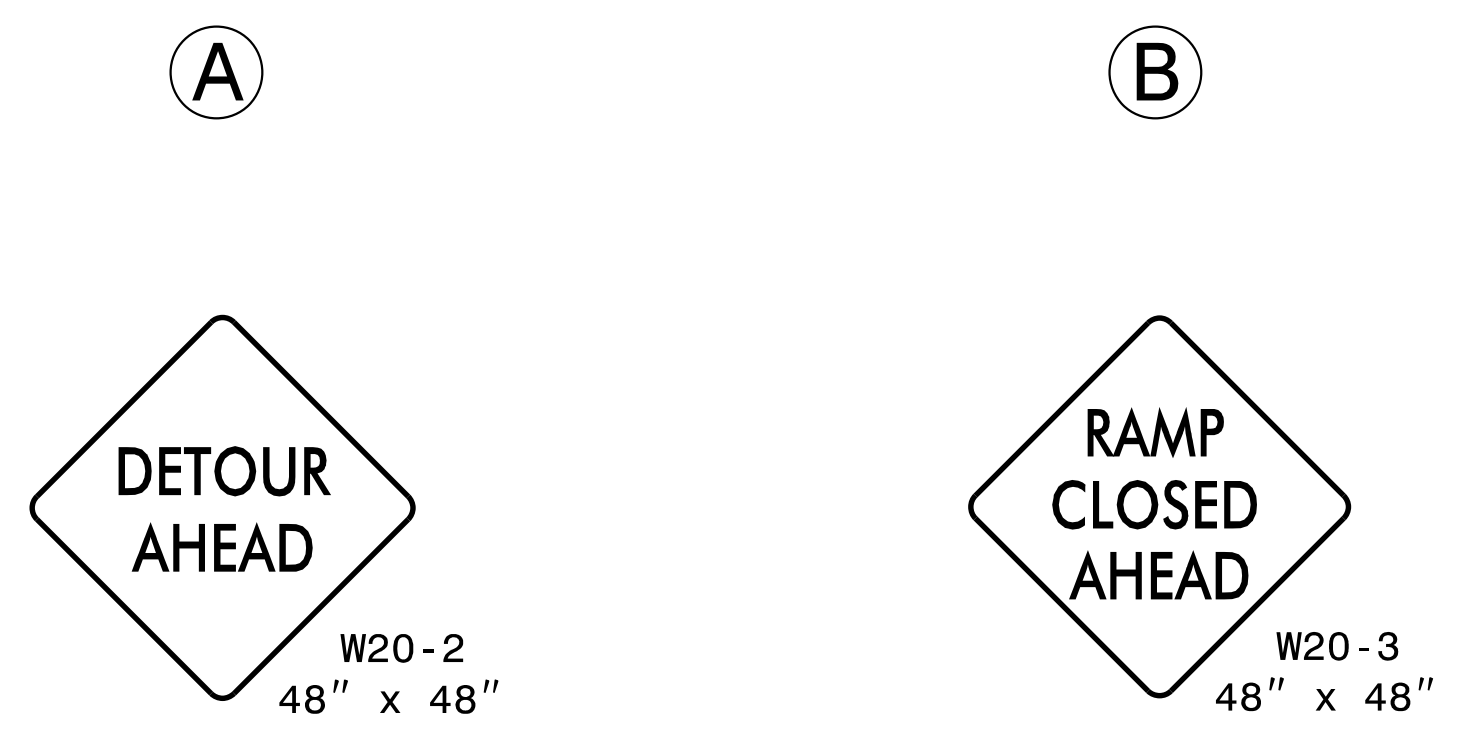
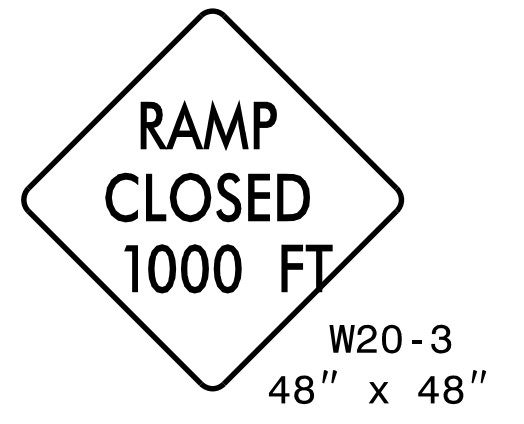
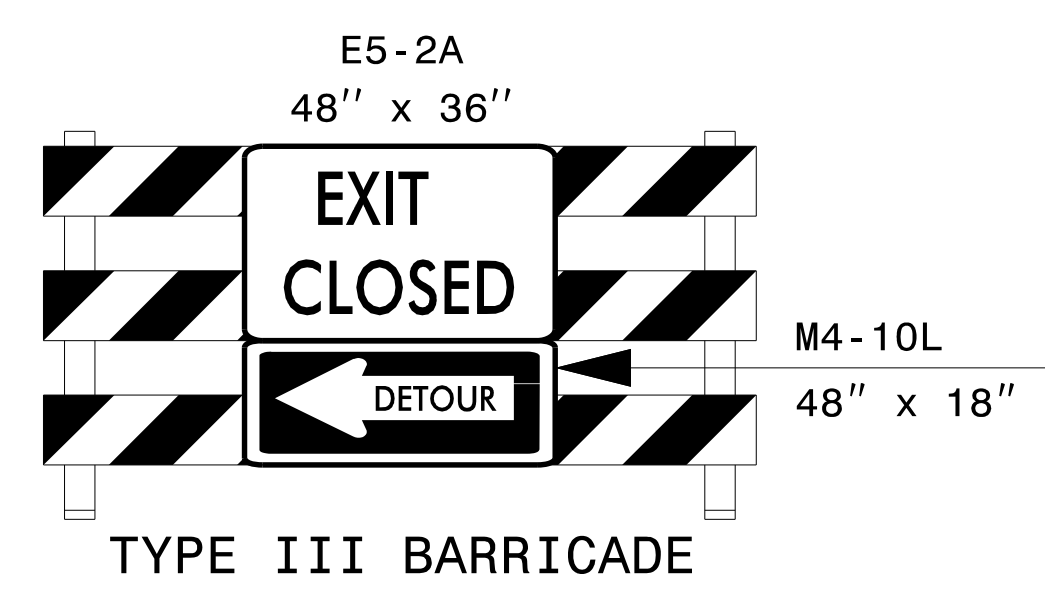
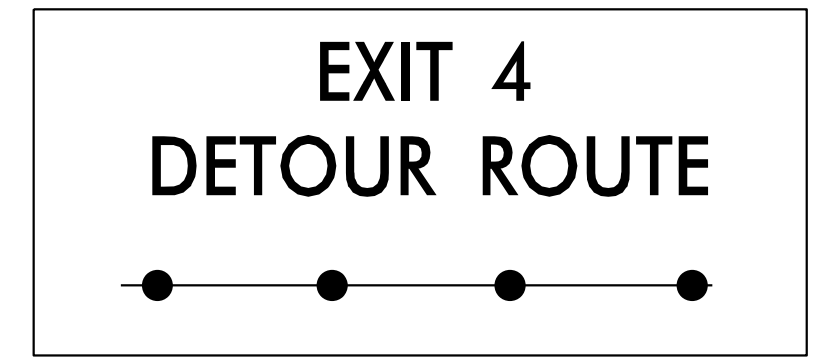
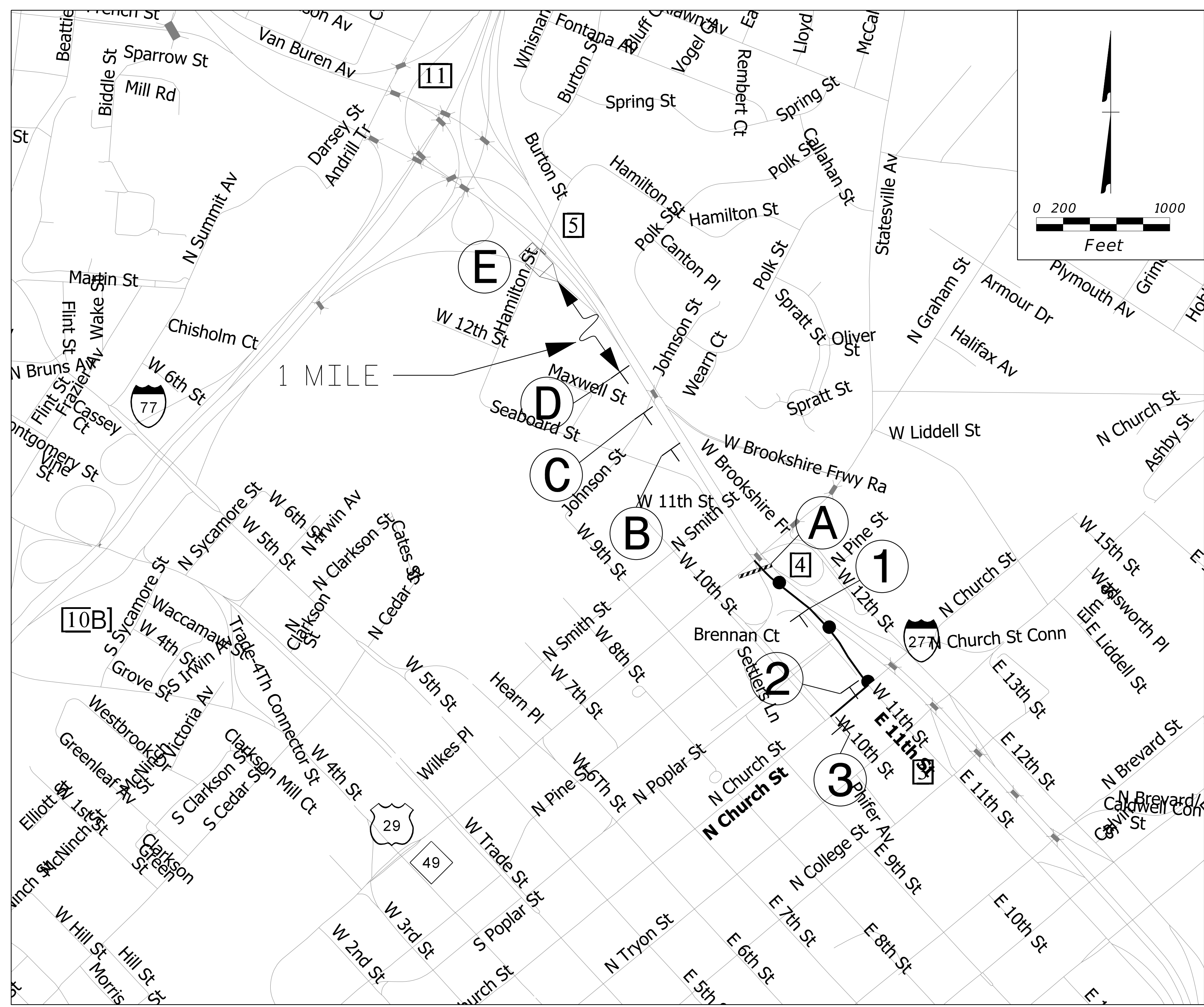
 ENGINEER
 JOHN P. MAZERES
 8/5/2021

**DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED**



**OFFSITE DETOUR 41
 SIGNING AND ROAD
 CLOSURE SIGNING**

8/5/2021
 2001815746CD.TMP-I5-OFFSITE DETOUR 41 SIGNING AND ROAD CLOSURE SIGNING.dgn
 User: jduke



MESSAGE NO. 1	MESSAGE NO. 2
EXIT 4 CLOSED AHEAD	FOLLOW 10TH ST. DETOUR

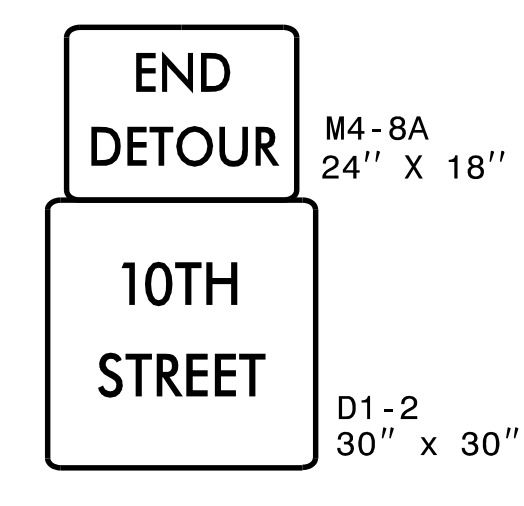
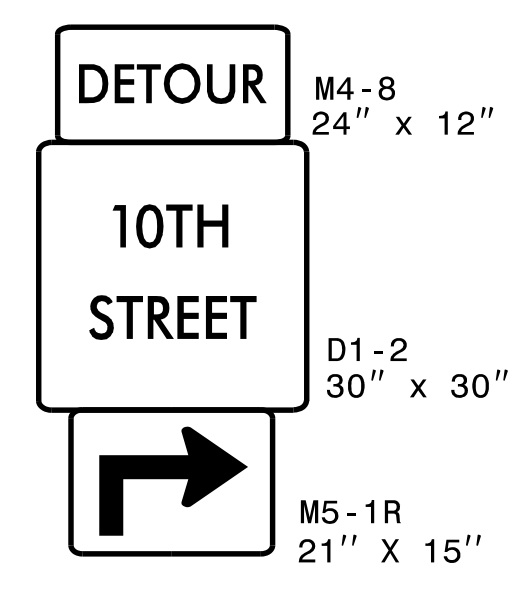
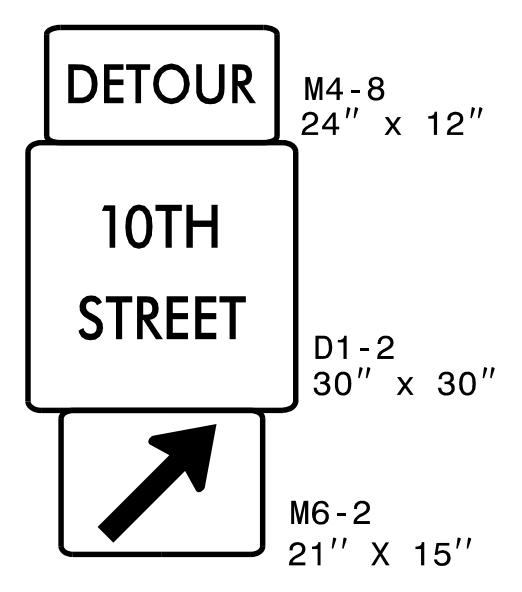
CHANGEABLE MESSAGE SIGN

DETOUR DESCRIPTION:

I-277 SB EXIT 3B TO W. 11TH ST. TO N. CHURCH ST. TO W. 10TH ST.

NOTES:

- TRAFFIC CONTROL DEVICES ① THRU ③ AND ①A THRU ①E SHALL BE INSTALLED PER ENGINEER'S INSTRUCTIONS.
- FOR DETOUR DESTINATION SIGNS, SEE SIGN DETAIL SHEETS.

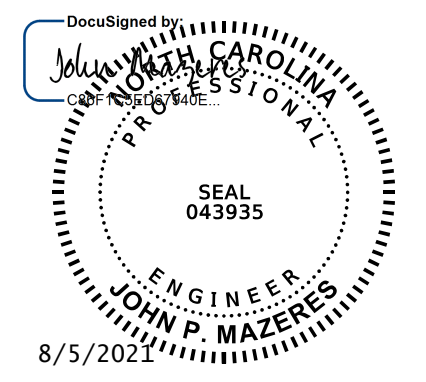


①


②

③

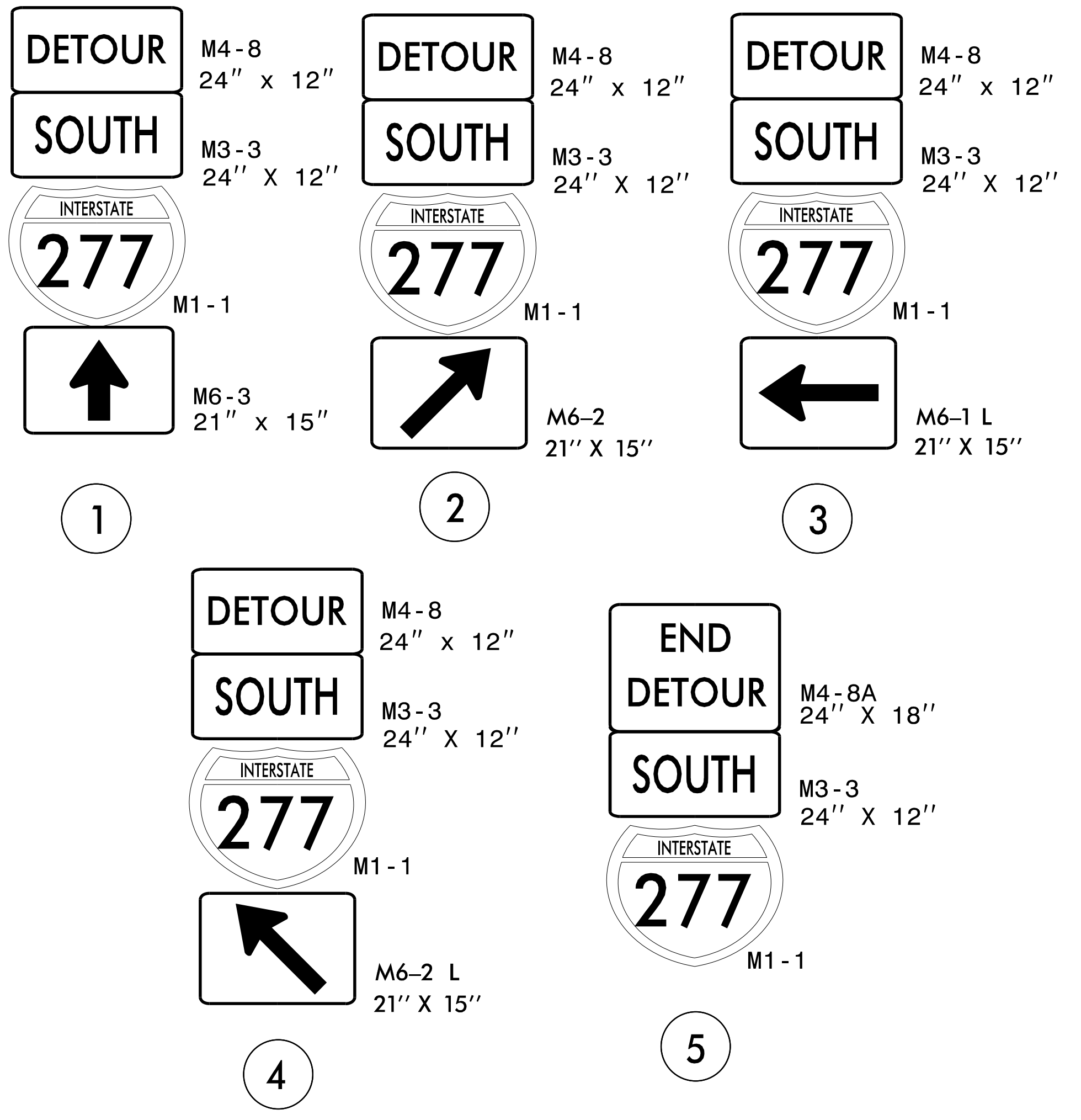
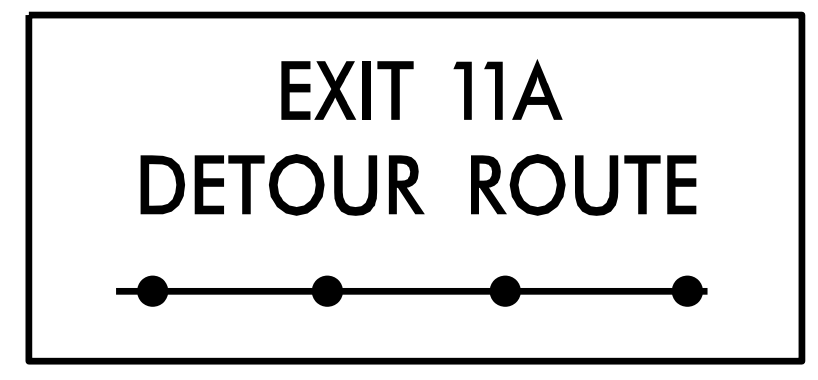
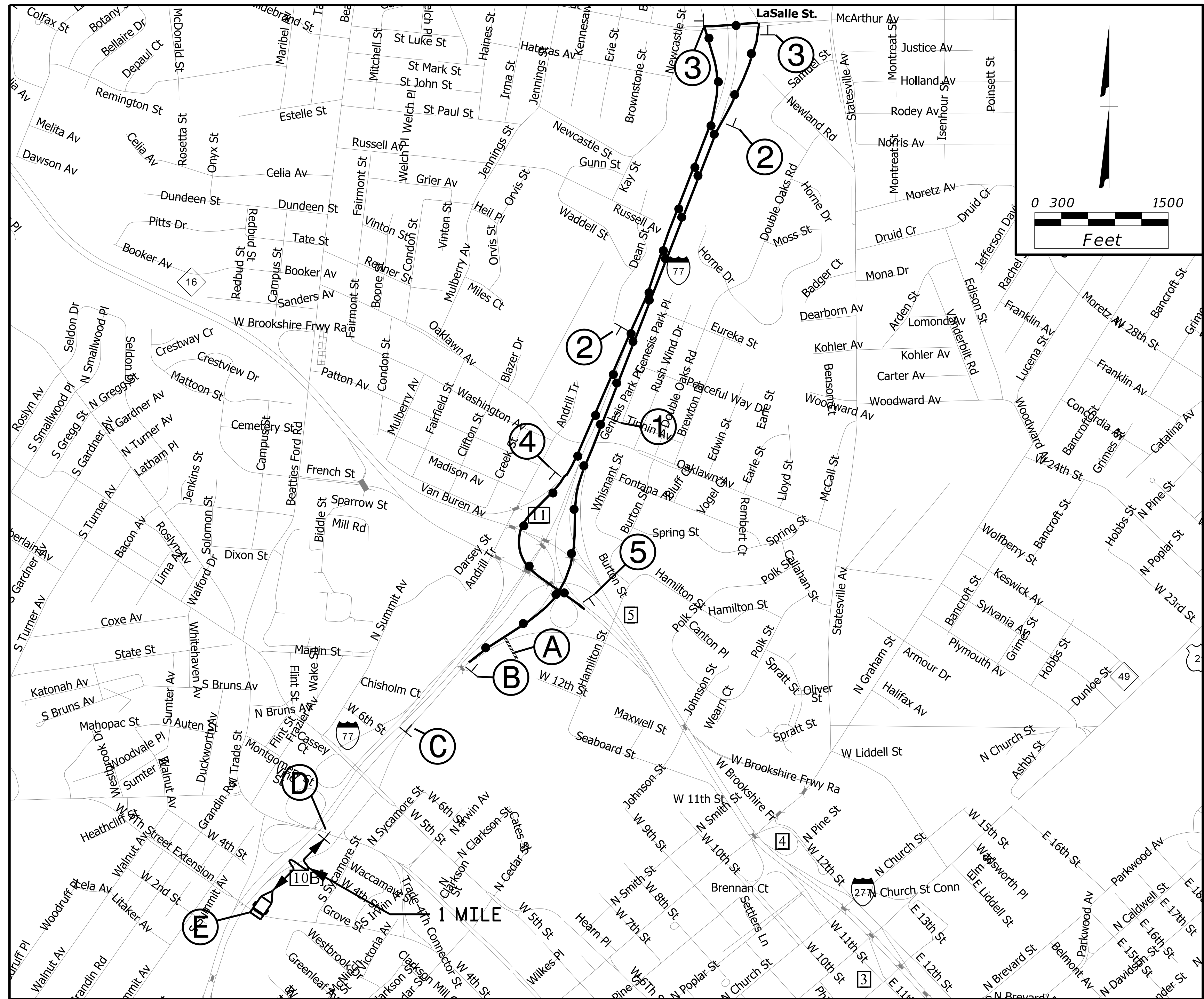
8/5/2021
2001915746CD.TMP-16.OFFSITE DETOUR 42 SIGNING AND ROAD CLOSURE SIGNING.dgn
User:tduke



**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**

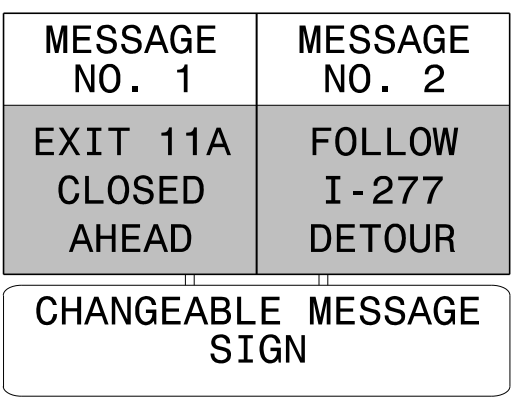
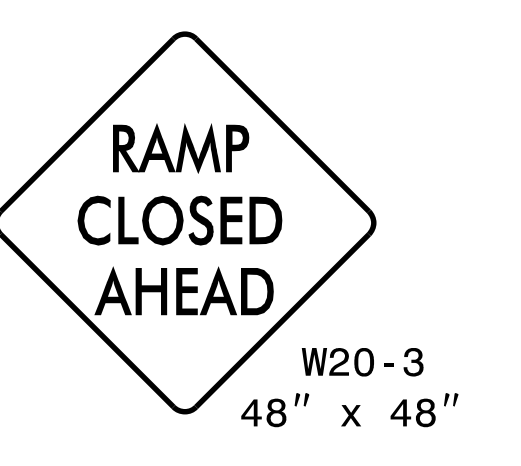
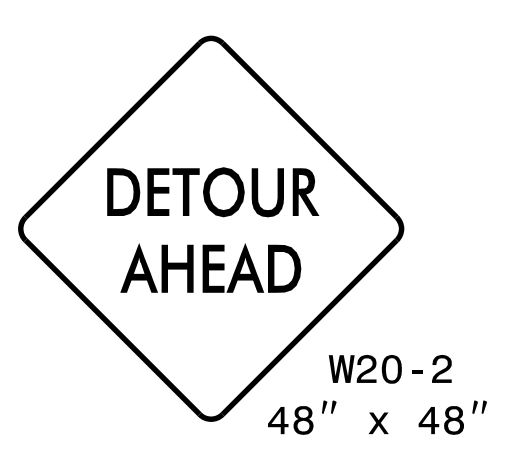
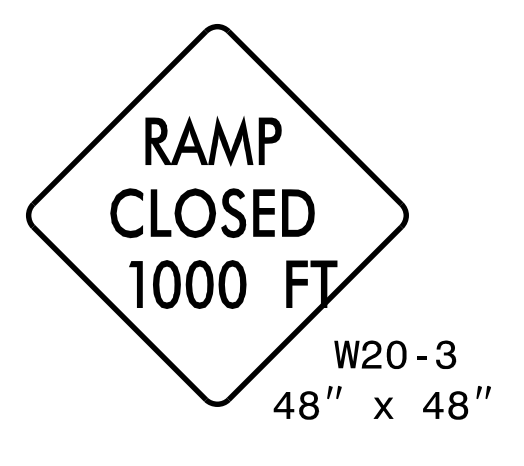
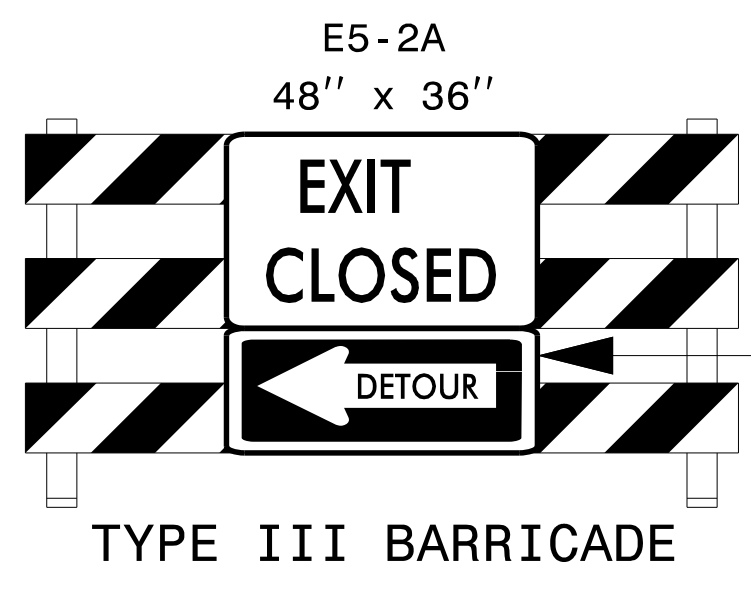


**OFFSITE DETOUR 42
SIGNING AND ROAD
CLOSURE SIGNING**



DETOUR DESCRIPTION:
 I-77 NB EXIT 12 TO LASALLE ST. TO I-77 SB TO I-77SB EXIT 11A TO I-277 SB

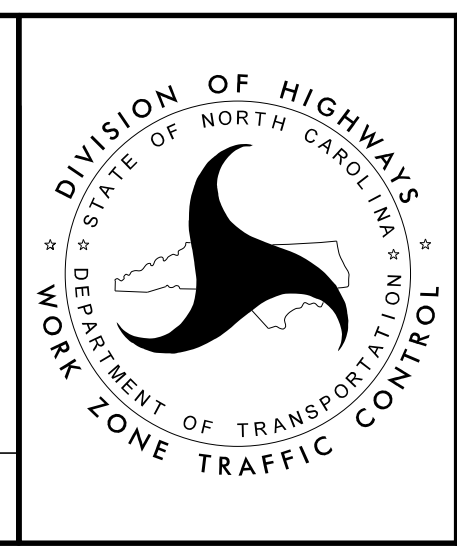
NOTES:
 1. TRAFFIC CONTROL DEVICES ① THRU ⑤ AND ①A THRU ①E SHALL BE INSTALLED PER ENGINEER'S INSTRUCTIONS.



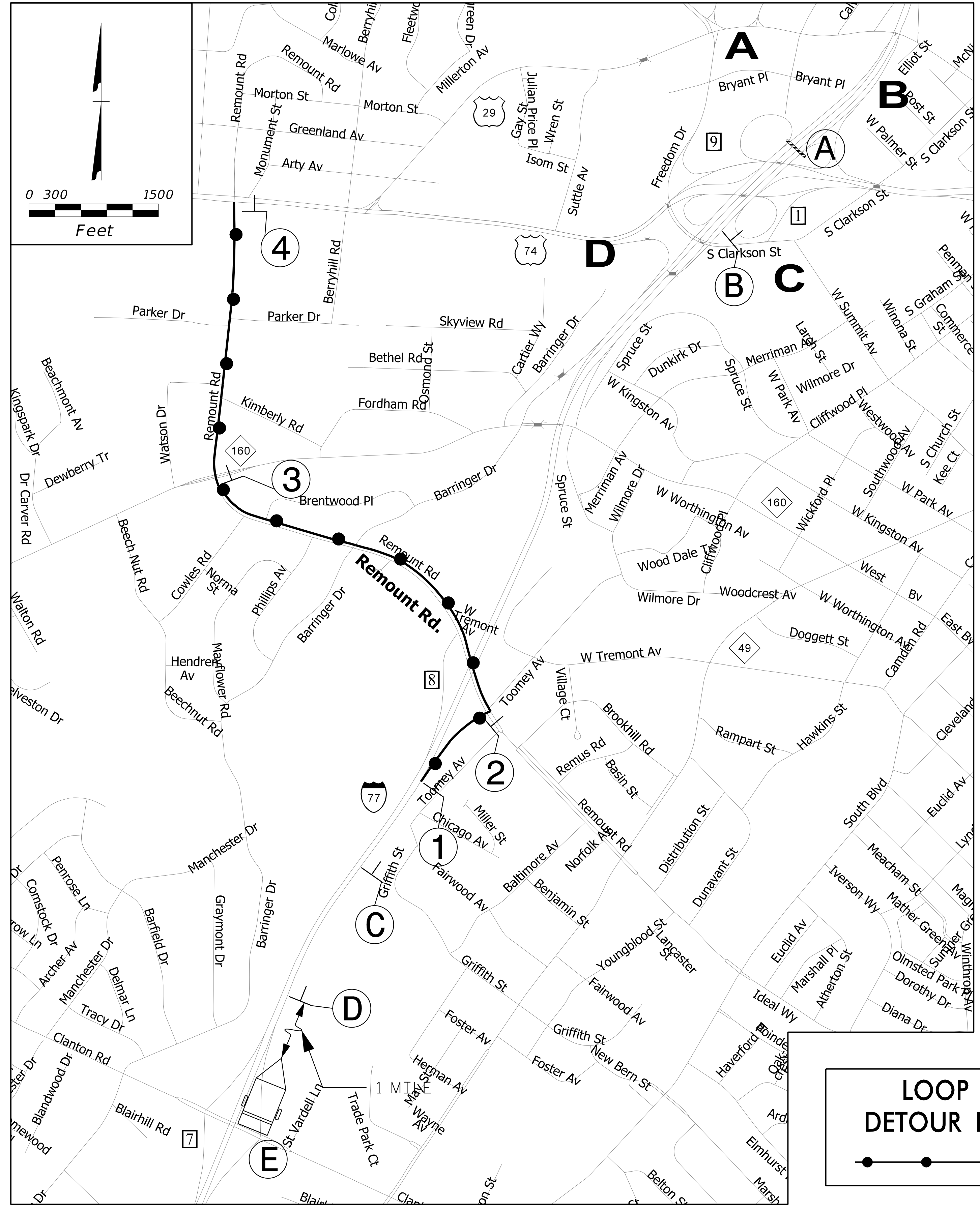
8/5/2021
 200.20.15746CD_TMP-17_OFFSITE DETOUR I-77 RAMP TO I-277 SB SIGNING AND ROAD CLOSURE SIGNING.dgn
 User:tduke

Seal of John P. Mazeres, PE No. 043935, dated 8/5/2021.

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

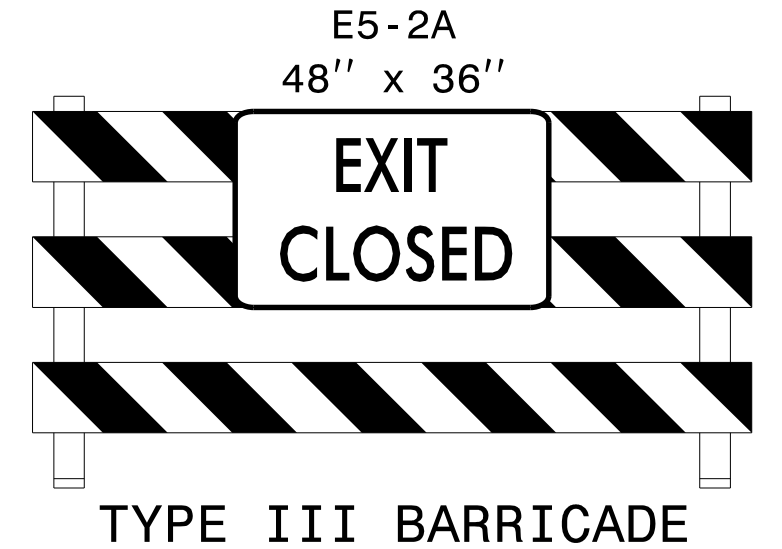


**OFFSITE DETOUR
 I-77 RAMP
 TO I-277 SB
 SIGNING AND ROAD
 CLOSURE SIGNING**



INTERCHANGE QUADRANT DESIGNATIONS:

- A** - NORTH-WEST QUADRANT
- B** - NORTH-EAST QUADRANT
- C** - SOUTH-EAST QUADRANT
- D** - SOUTH-WEST QUADRANT



MESSAGE NO. 1	MESSAGE NO. 2
EXIT 9C CLOSED AHEAD	FOLLOW EXIT 8 DETOUR
CHANGEABLE MESSAGE SIGN	

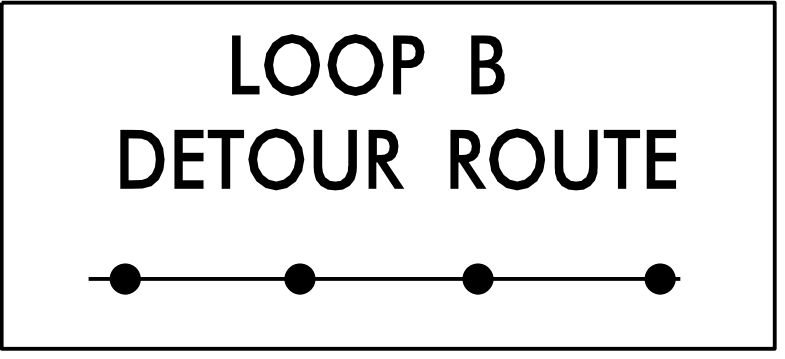
 (B)	 (C)	 (D)	(E)
 (1)	 (2)	 (3)	 (4)

DETOUR DESCRIPTION:

I-77 NB EXIT 8 TO REMOUNT RD. TO US 74 WB

NOTES:

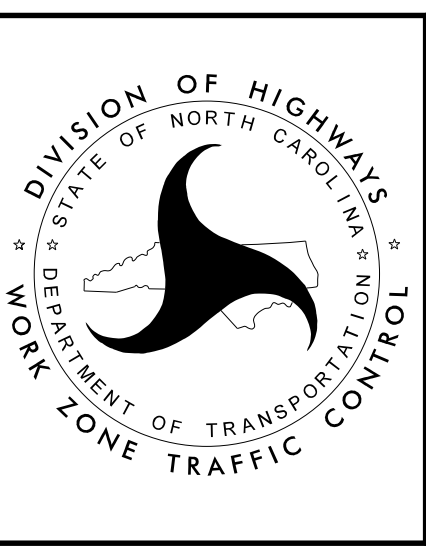
TRAFFIC CONTROL DEVICES ① THRU ④ AND ① THRU ⑤ SHALL BE INSTALLED PER ENGINEER'S INSTRUCTIONS.



8/5/2021
 200.21.15746CD.TMP-18.OFFSITE DETOUR 10 SIGNING AND ROAD CLOSURE SIGNING.dgn
 User: jduke

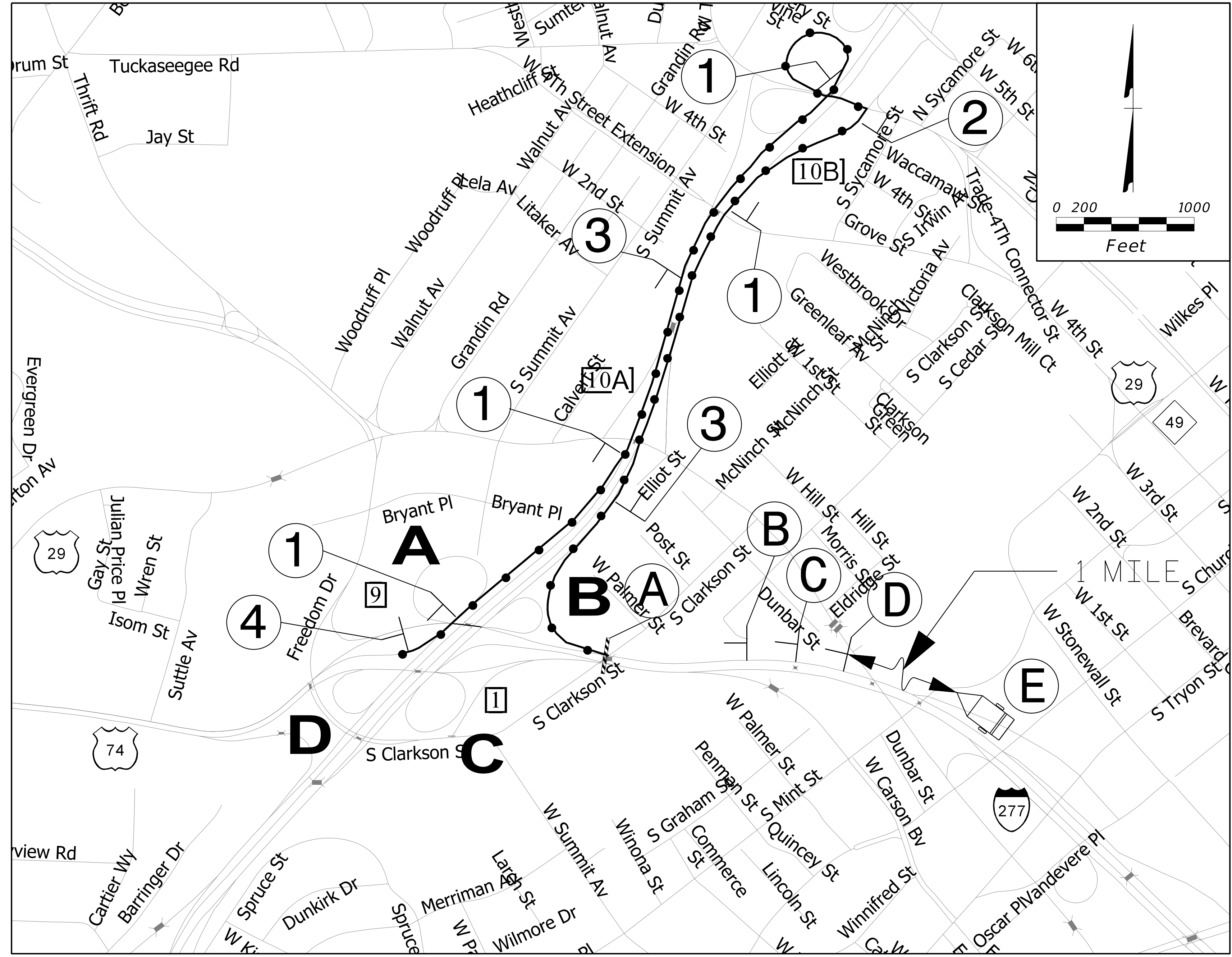
Seal of John P. Mazeres, PE, No. 043935, NC Firm License No. C-1506, dated 8/5/2021.

**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**



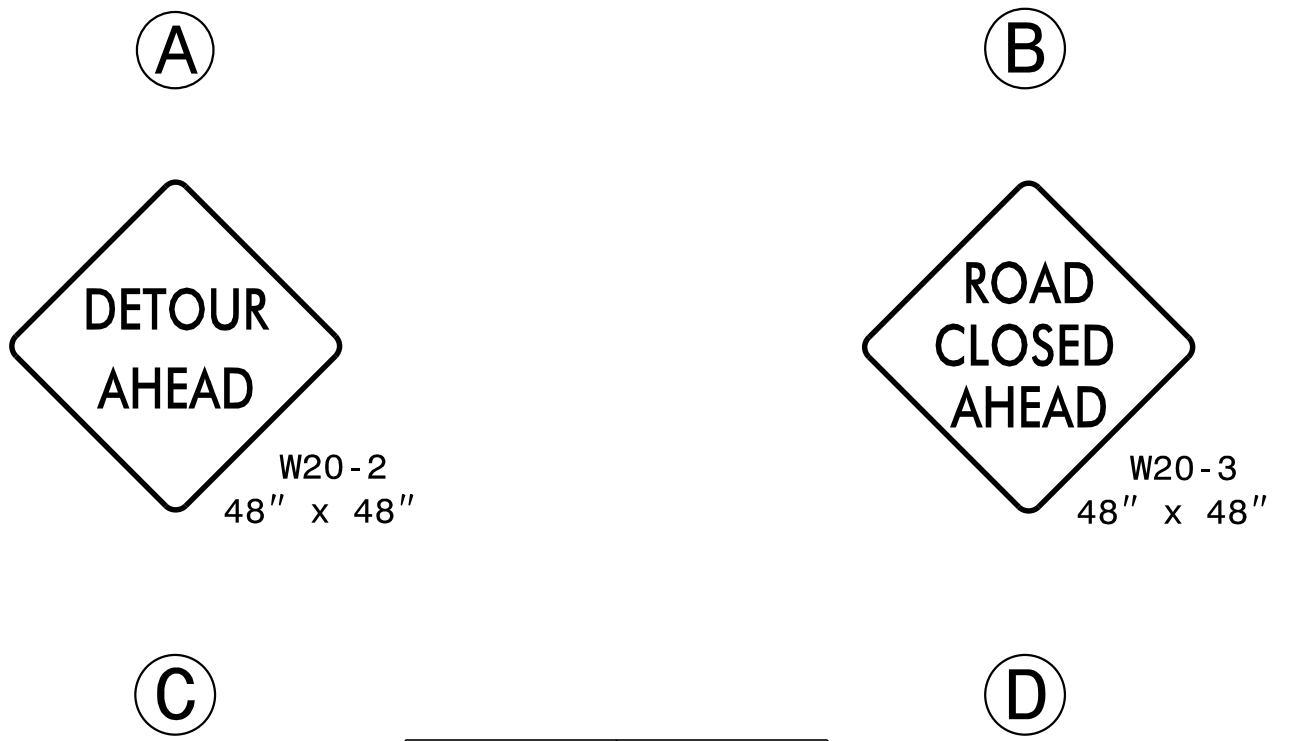
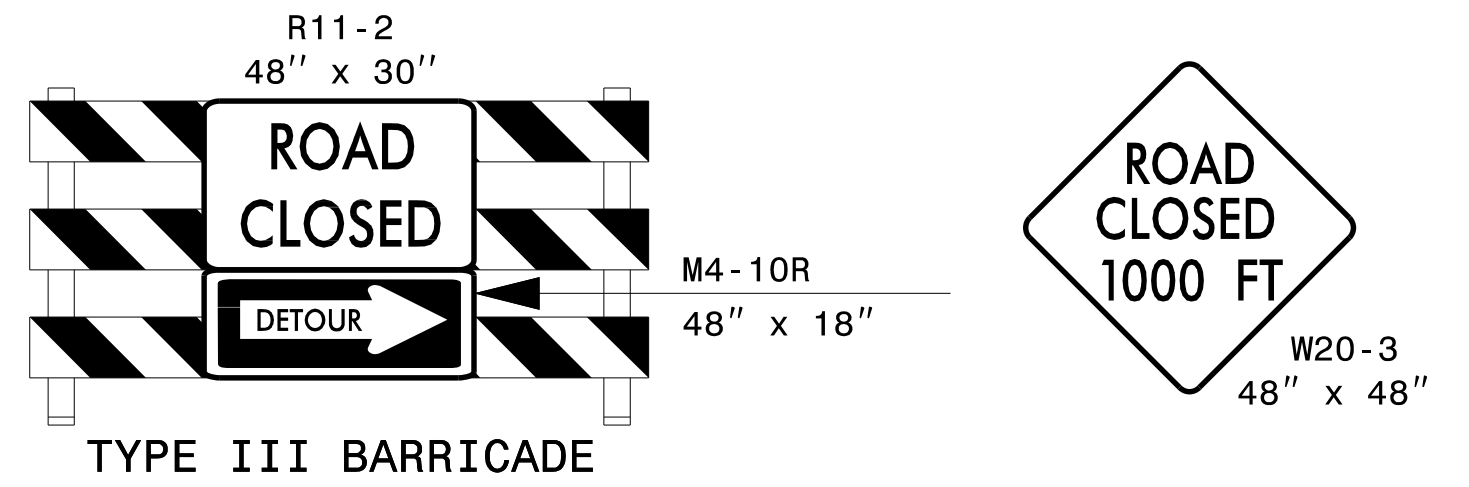
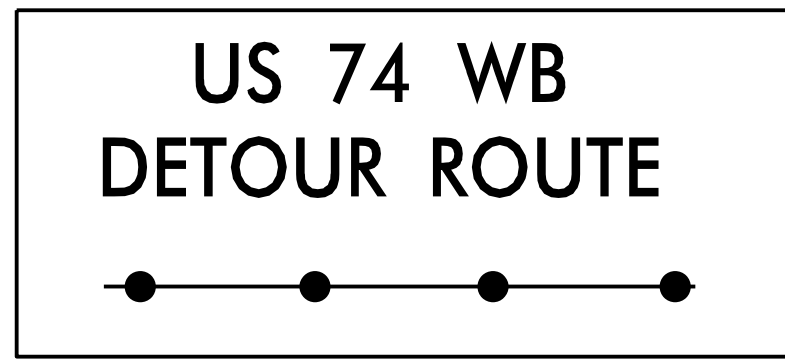
**OFFSITE DETOUR 10
SIGNING AND ROAD
CLOSURE SIGNING**

8/5/2021
 200.21.15746CD.TMP-18.OFFSITE DETOUR 10 SIGNING AND ROAD CLOSURE SIGNING.dgn
 User: jduke



INTERCHANGE QUADRANT DESIGNATIONS:

- A** - NORTH-WEST QUADRANT
- B** - NORTH-EAST QUADRANT
- C** - SOUTH-EAST QUADRANT
- D** - SOUTH-WEST QUADRANT



MESSAGE NO. 1	MESSAGE NO. 2
US 74 WB CLOSED AHEAD	FOLLOW US 74 WB DETOUR

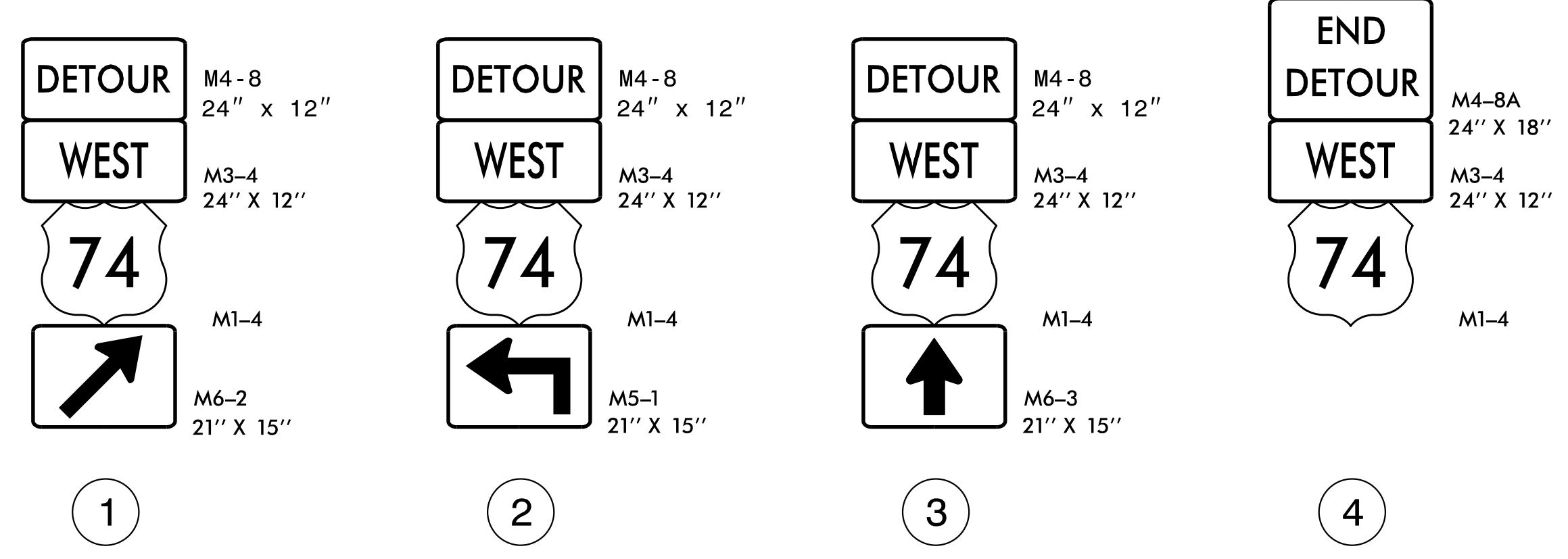
CHANGEABLE MESSAGE SIGN

DETOUR DESCRIPTION:

US 74 WB EXIT 1C, TO I-77 NB TO EXIT 10 TO W. TRADE STREET TO I-77 SB ENTRANCE RAMP TO I-77 SB EXIT 9C TO US 74 WB

NOTES:

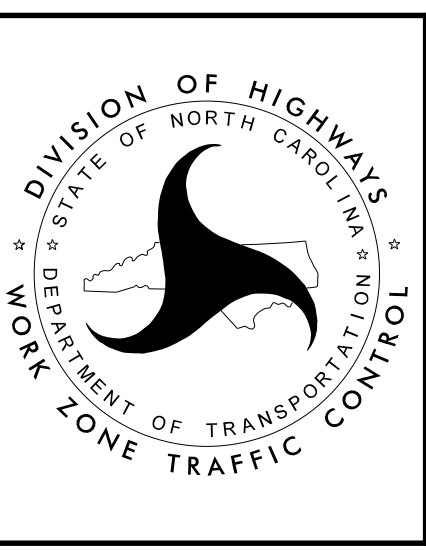
TRAFFIC CONTROL DEVICES ① THRU ④ AND ① THRU ⑤ SHALL BE INSTALLED PER ENGINEER'S INSTRUCTIONS.



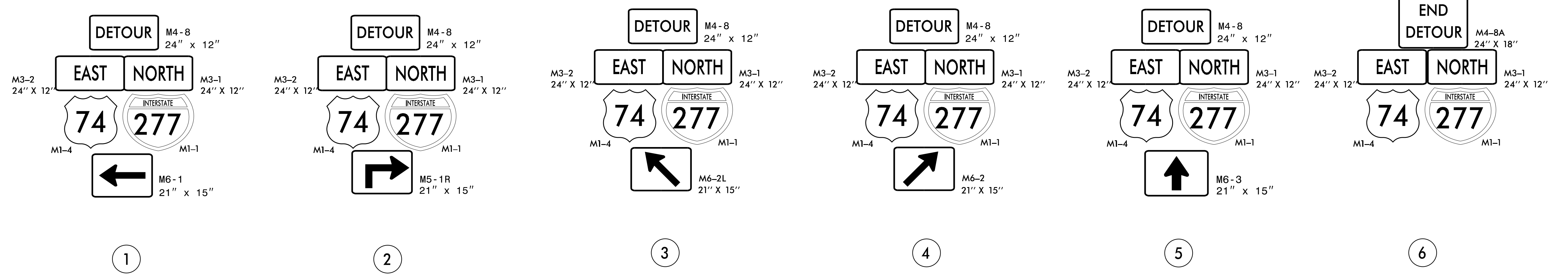
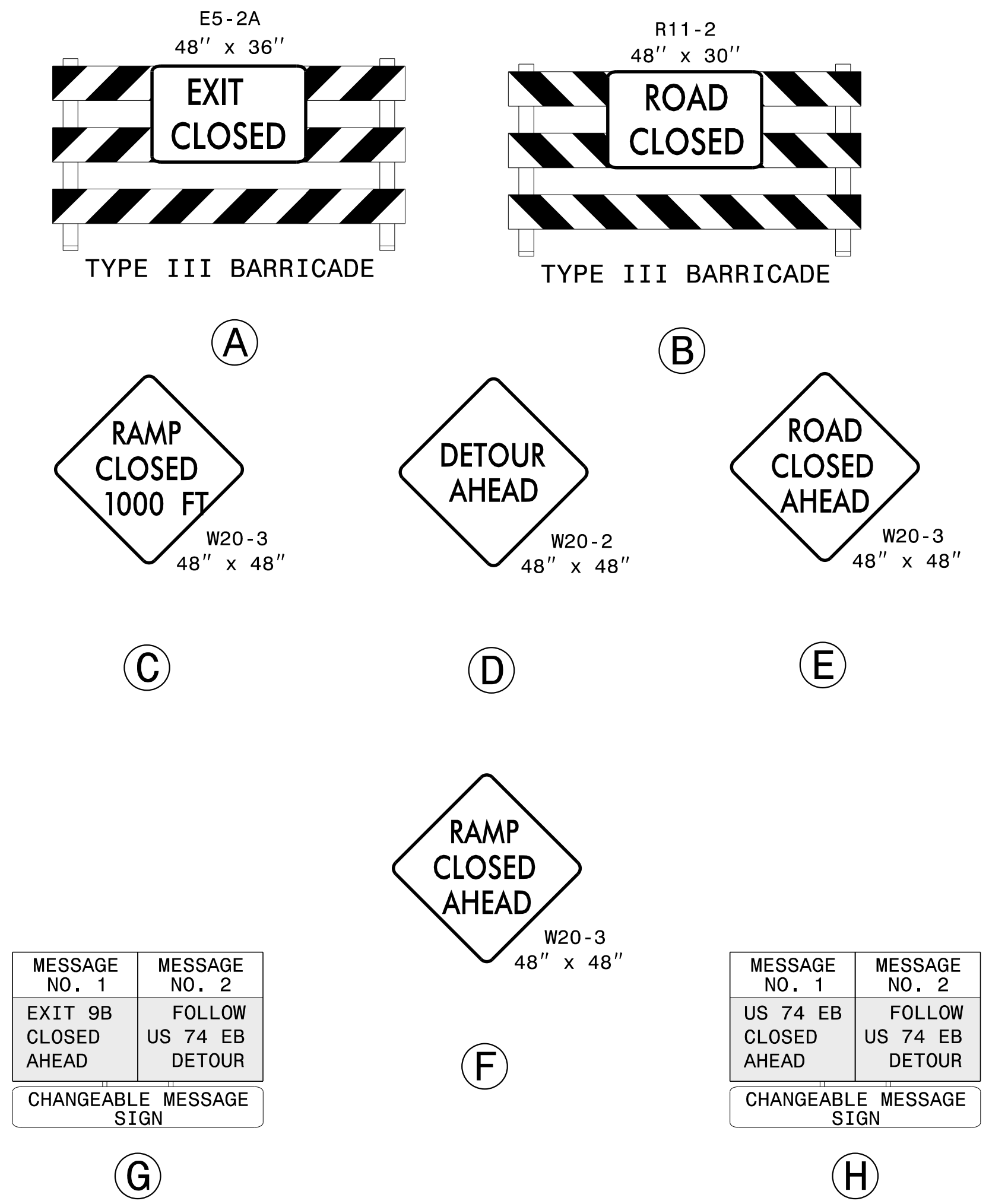
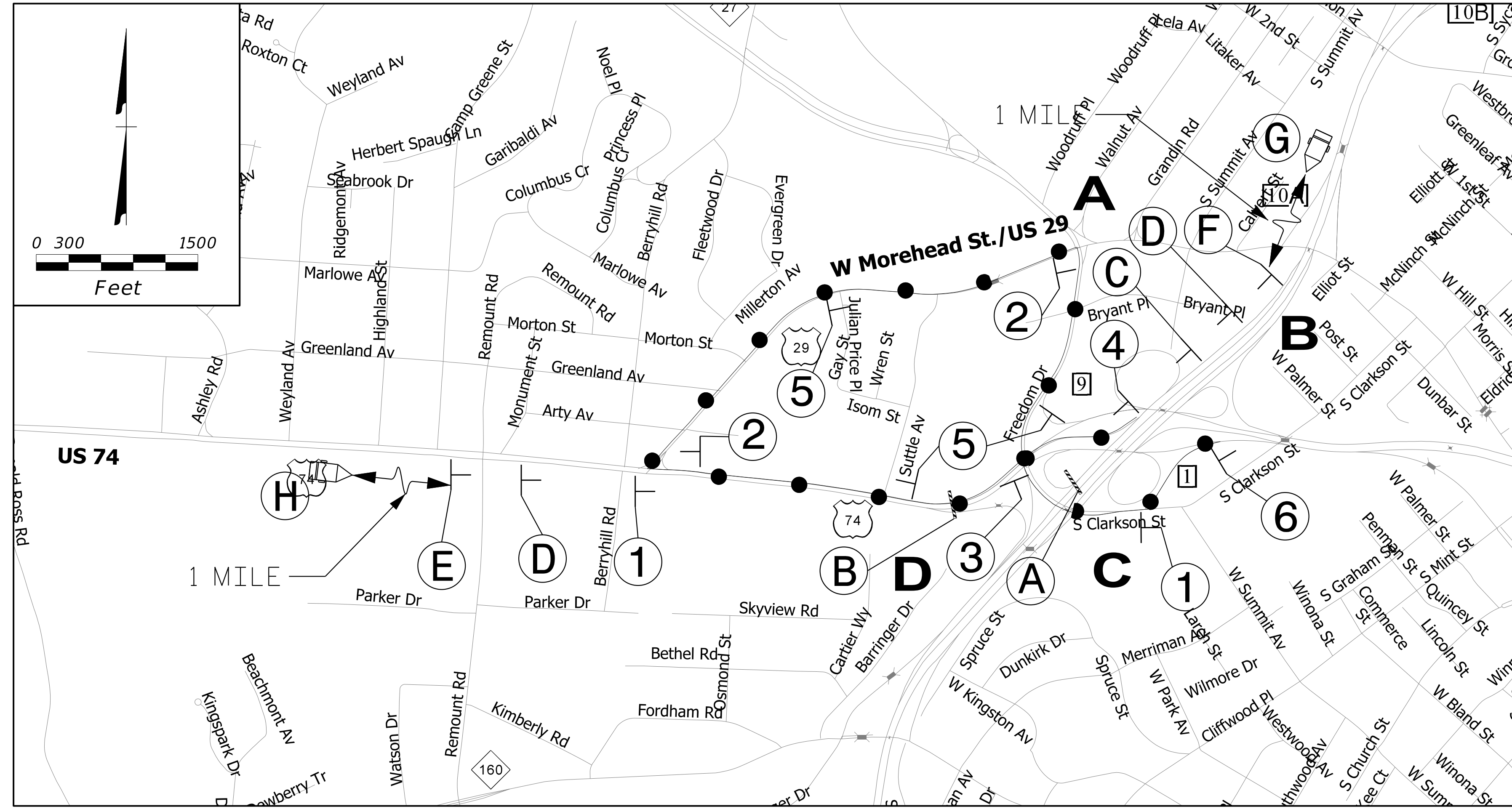
8/5/2021 2:00:22 PM User: jduke

DocuSigned by:
John P. Mazeres
Professional Engineer
SEAL
043935
8/5/2021

**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**

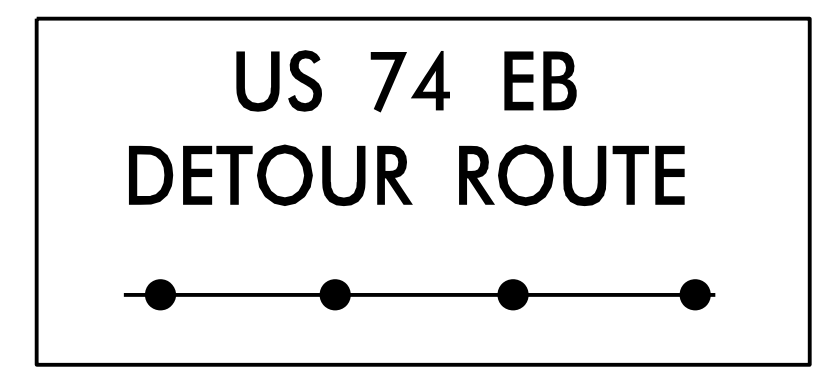


**OFFSITE DETOUR
BRIDGE #48
SIGNING AND ROAD
CLOSURE SIGNING**



INTERCHANGE QUADRANT DESIGNATIONS:

- A** - NORTH-WEST QUADRANT
- B** - NORTH-EAST QUADRANT
- C** - SOUTH-EAST QUADRANT
- D** - SOUTH-WEST QUADRANT



DETOUR DESCRIPTION:

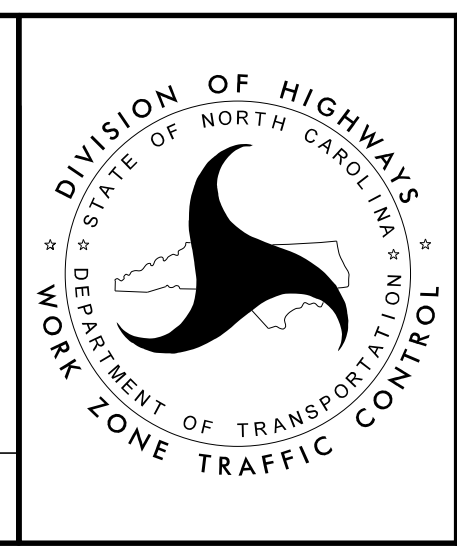
US 74 EB AND I-77 SB EXIT 9C TO US 29 TO FREEDOM DR./NC27 TO S. CLARKSON ST. TO US 74 EB ENTRANCE RAMP

NOTES:

TRAFFIC CONTROL DEVICES ① THRU ⑥ AND ①A THRU ①H SHALL BE INSTALLED PER ENGINEER'S INSTRUCTIONS.

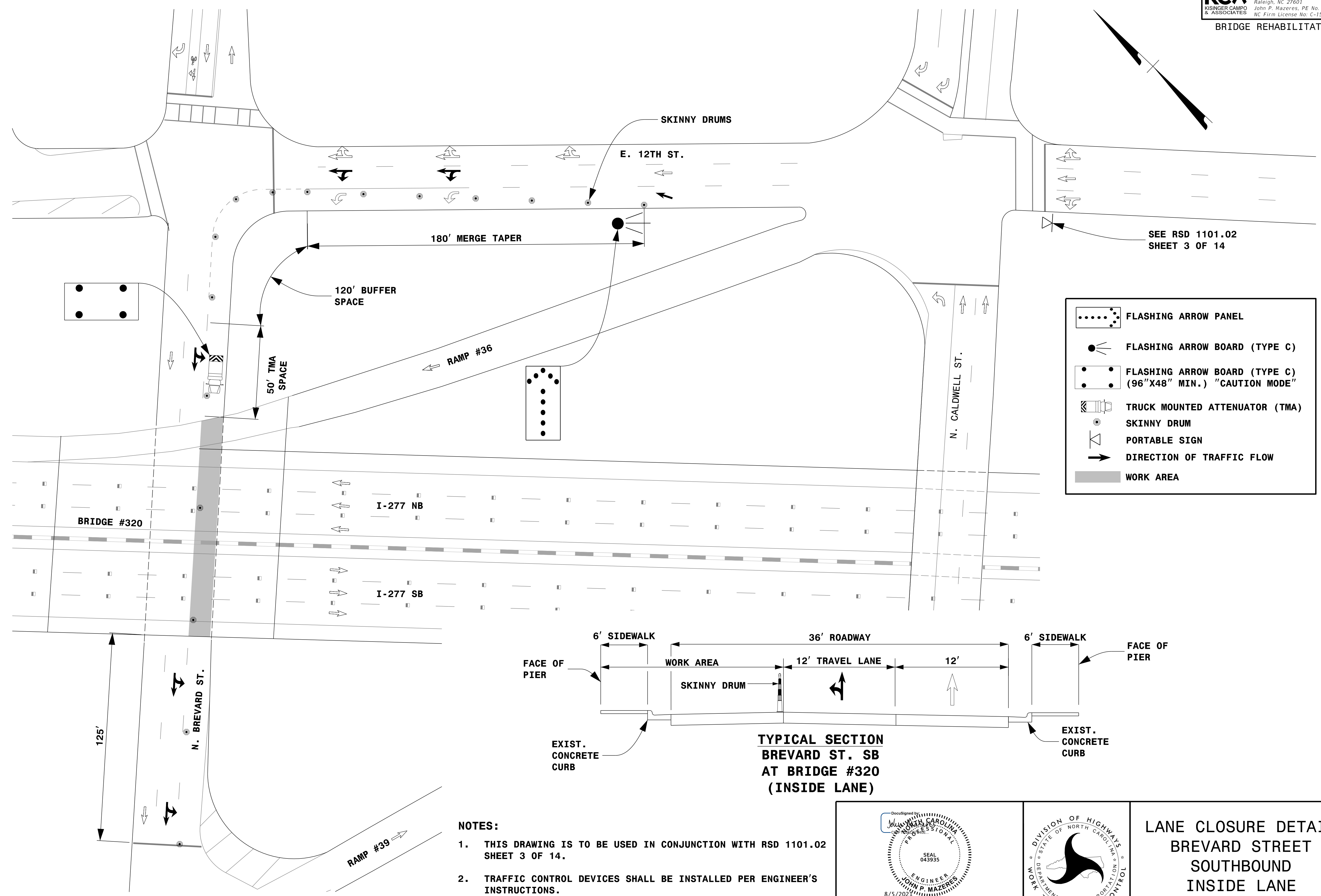
DocuSigned by:
 JOHN P. MAZERES
 PROFESSIONAL ENGINEER
 SEAL 043935
 8/5/2021

**DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED**

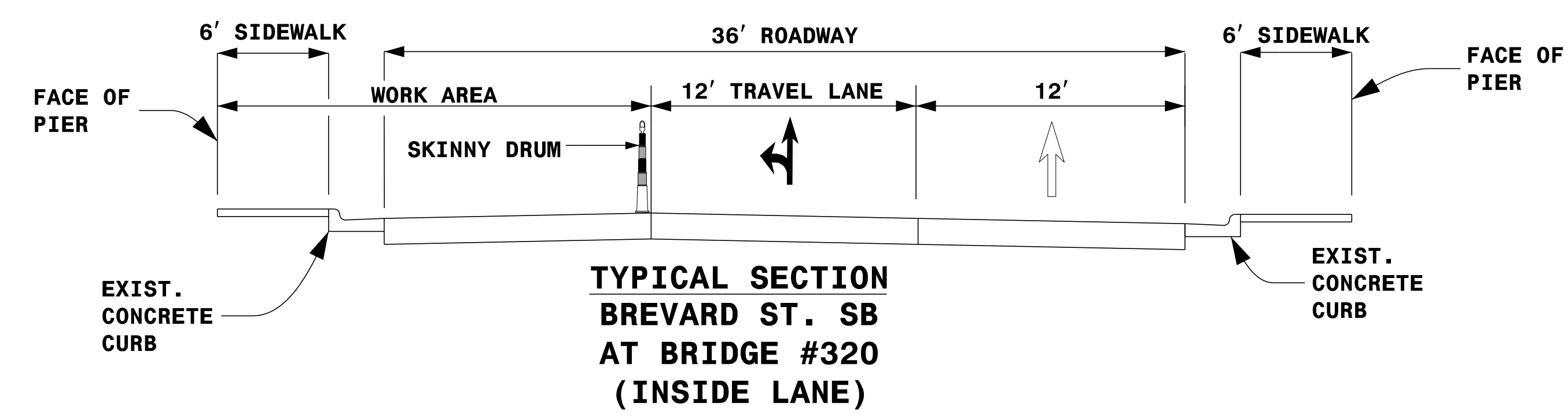


**OFFSITE DETOUR
 BRIDGE #44
 SIGNING AND ROAD
 CLOSURE SIGNING**

8/5/2021 2:00:23 PM I5746CD_TMP-20-OFFSITE DETOUR BRIDGE 44 SIGNING AND ROAD CLOSURE SIGNING.dgn User:tduke



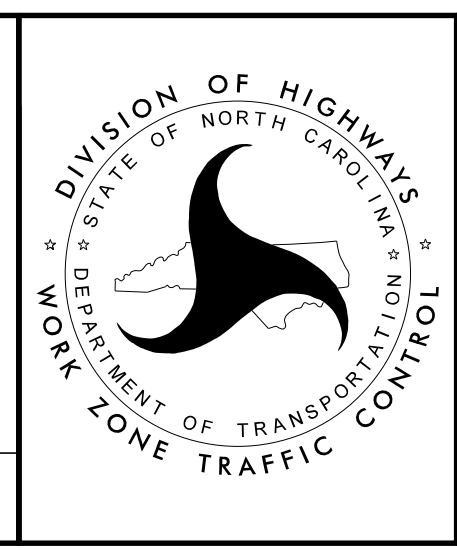
	FLASHING ARROW PANEL
	FLASHING ARROW BOARD (TYPE C)
	FLASHING ARROW BOARD (TYPE C) (96" X 48" MIN.) "CAUTION MODE"
	TRUCK MOUNTED ATTENUATOR (TMA)
	SKINNY DRUM
	PORTABLE SIGN
	DIRECTION OF TRAFFIC FLOW
	WORK AREA



- NOTES:**
1. THIS DRAWING IS TO BE USED IN CONJUNCTION WITH RSD 1101.02 SHEET 3 OF 14.
 2. TRAFFIC CONTROL DEVICES SHALL BE INSTALLED PER ENGINEER'S INSTRUCTIONS.

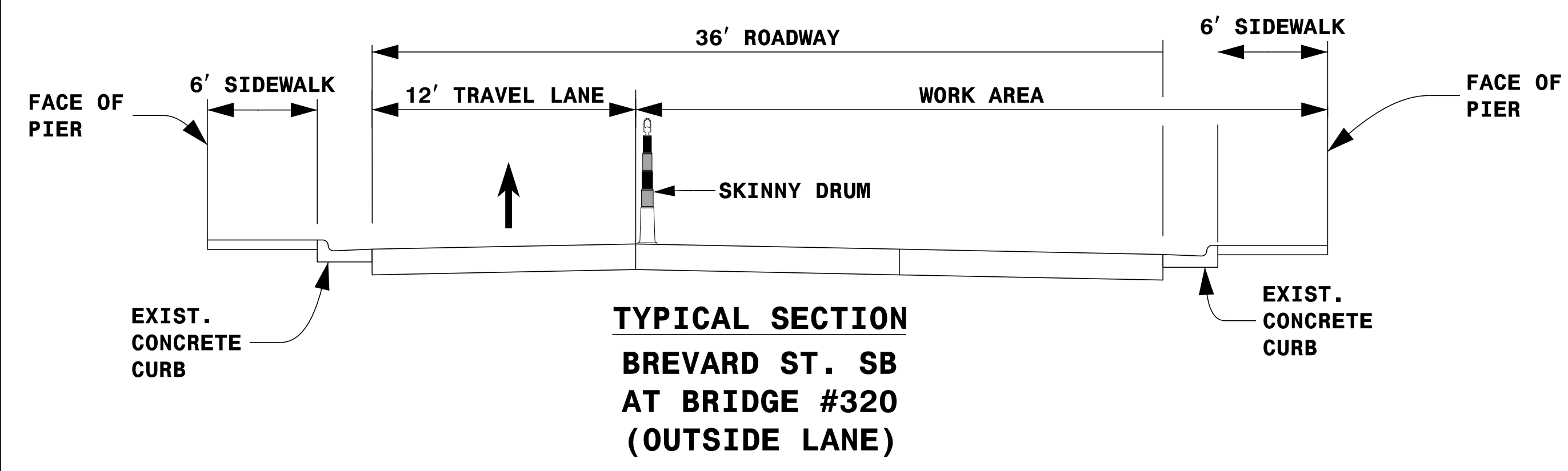
DocuSigned by:
 JOHN P. MAZERES
 PROFESSIONAL ENGINEER
 SEAL 043935
 8/5/2021

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

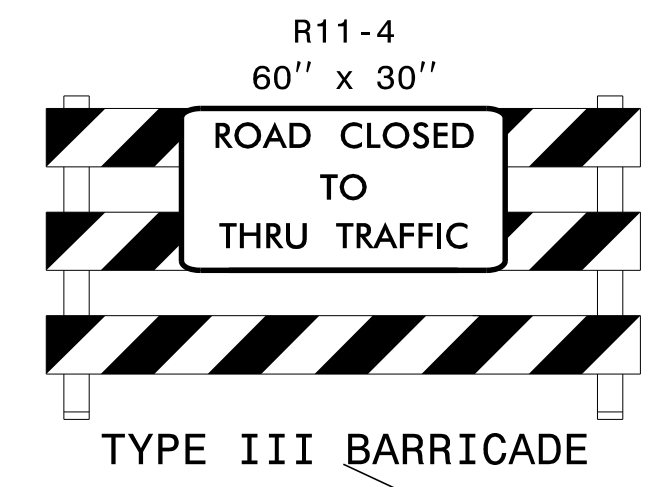


**LANE CLOSURE DETAIL
 BREVARD STREET
 SOUTHBOUND
 INSIDE LANE
 POSTED SPEED: 30 MPH**

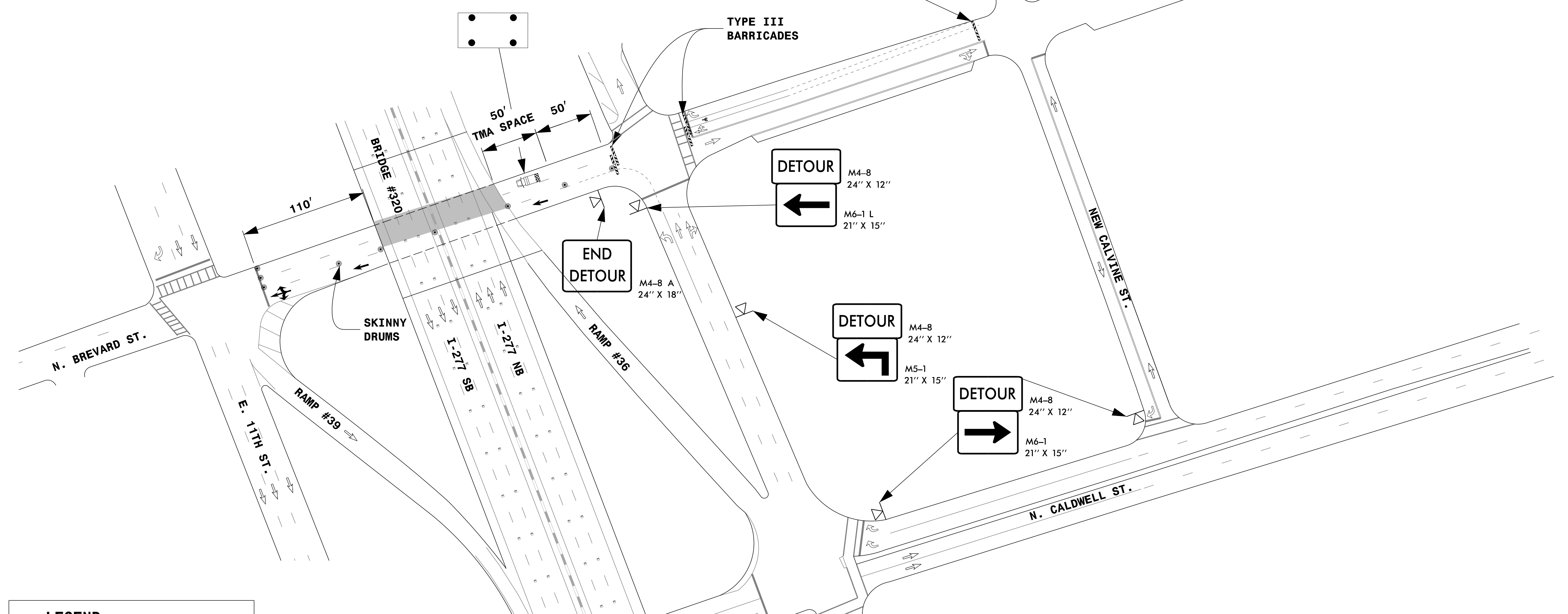
8/5/2021 2:00:24 PM I:\5746CD_TMP-2\LANE_CLOSURE_DETAIL_BREVARD_ST_SB-IL.dgn User:tduke



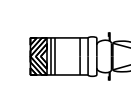

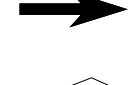



**TYPICAL SECTION
BREVARD ST. SB
AT BRIDGE #320
(OUTSIDE LANE)**



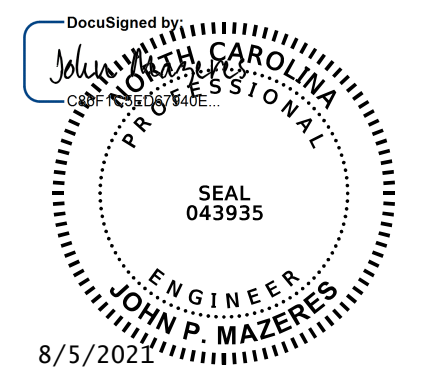
TYPE III BARRICADE



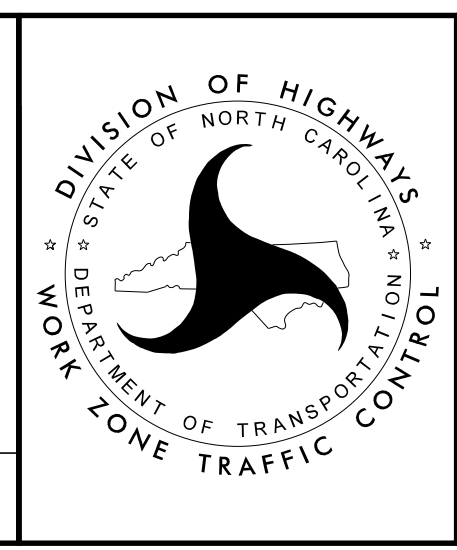
LEGEND	
	PORTABLE SIGN
	FLASHING ARROW BOARD (TYPE C) (96" X 48" MIN.) "CAUTION MODE"
	TRUCK MOUNTED ATTENUATOR (TMA)
	WORK AREA
	DIRECTION OF TRAFFIC FLOW
	SKINNY DRUM

NOTES:

1. THIS DRAWING IS TO BE USED IN CONJUNCTION WITH RSD 1101.02 SHEET 3 OF 14.
2. TRAFFIC CONTROL DEVICES SHALL BE INSTALLED PER ENGINEER'S INSTRUCTIONS.

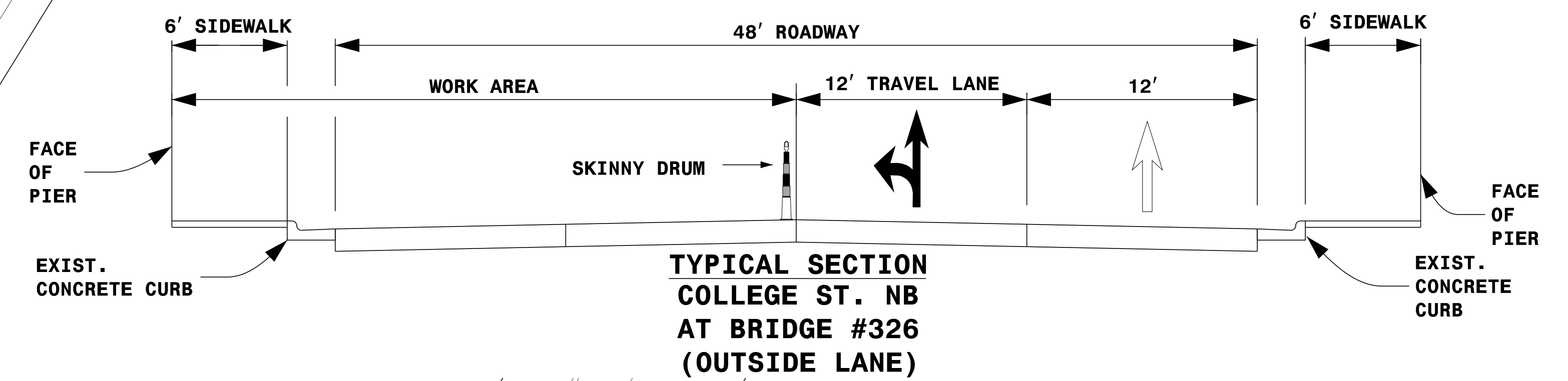
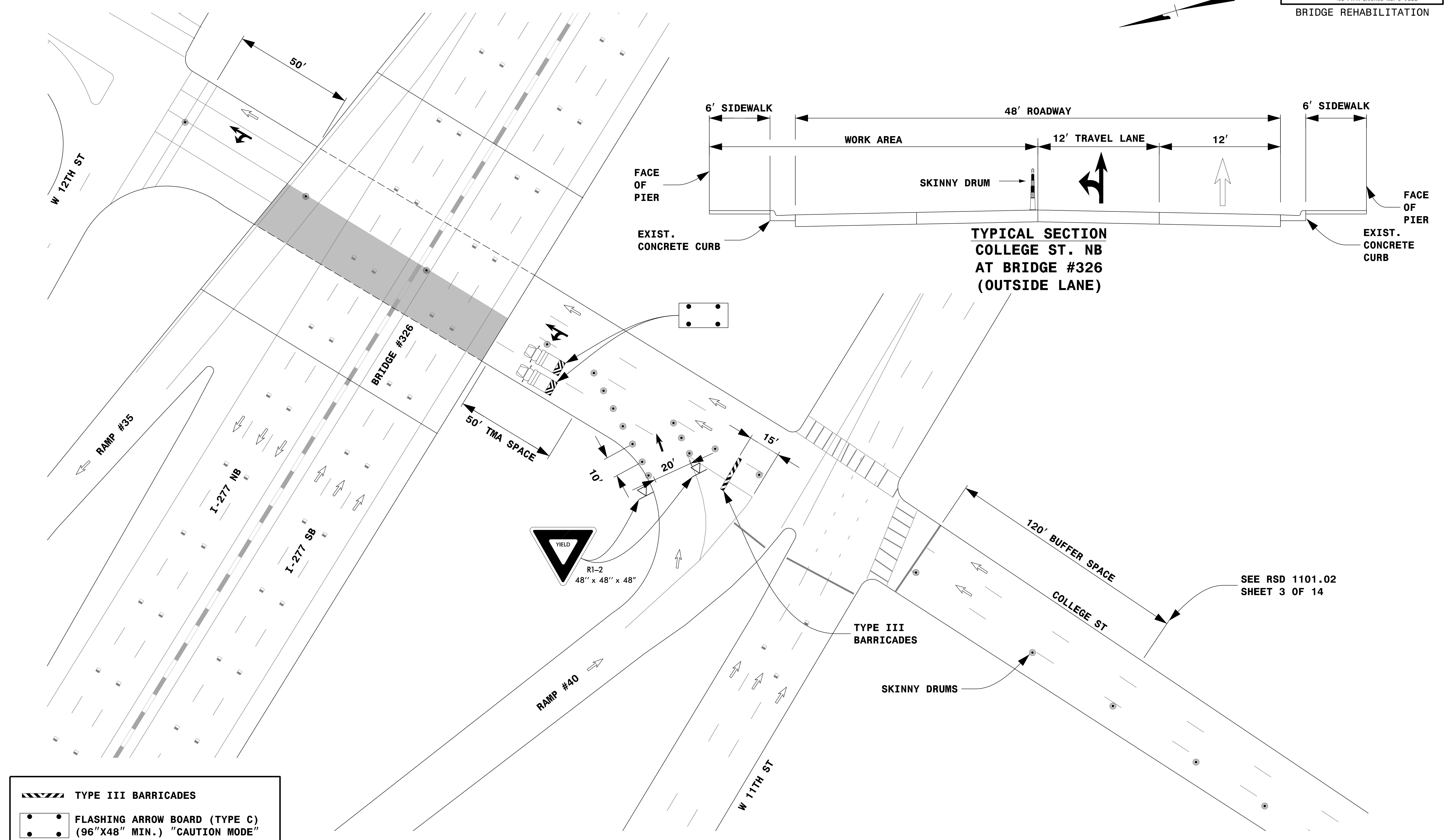
DocuSigned by:

 ENGINEER
 JOHN P. MAZERES
 8/5/2021

**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**



**LANE CLOSURE DETAIL
BREVARD STEET
SOUTHBOUND
OUTSIDE LANE
POSTED SPEED: 30 MPH**

8/5/2021
 2:00:25 PM
 I5746CD_TMP-22_LANE_CLOSURE_DETAIL_BREVARD_ST_SB-0L.dgn
 User: jduke

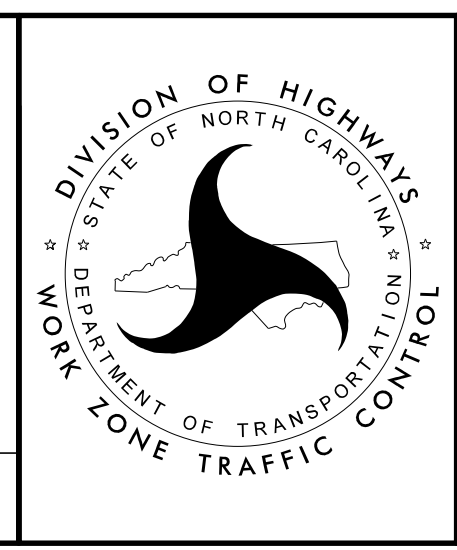


- TYPE III BARRICADES
- FLASHING ARROW BOARD (TYPE C) (96"X48" MIN.) "CAUTION MODE"
- TRUCK MOUNTED ATTENUATOR (TMA)
- SKINNY DRUM
- PORTABLE SIGN
- DIRECTION OF TRAFFIC FLOW
- WORK AREA

- NOTES:**
- THIS DRAWING IS TO BE USED IN CONJUNCTION WITH RSD 1101.02 SHEET 3 OF 14.
 - TRAFFIC CONTROL DEVICES SHALL BE INSTALLED PER ENGINEER'S INSTRUCTIONS.

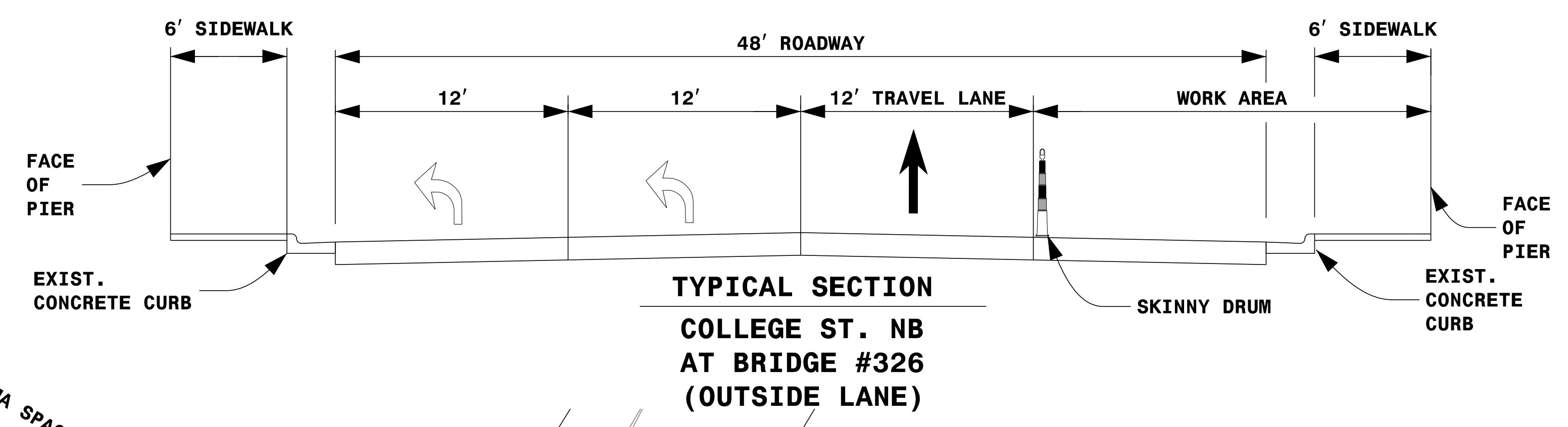
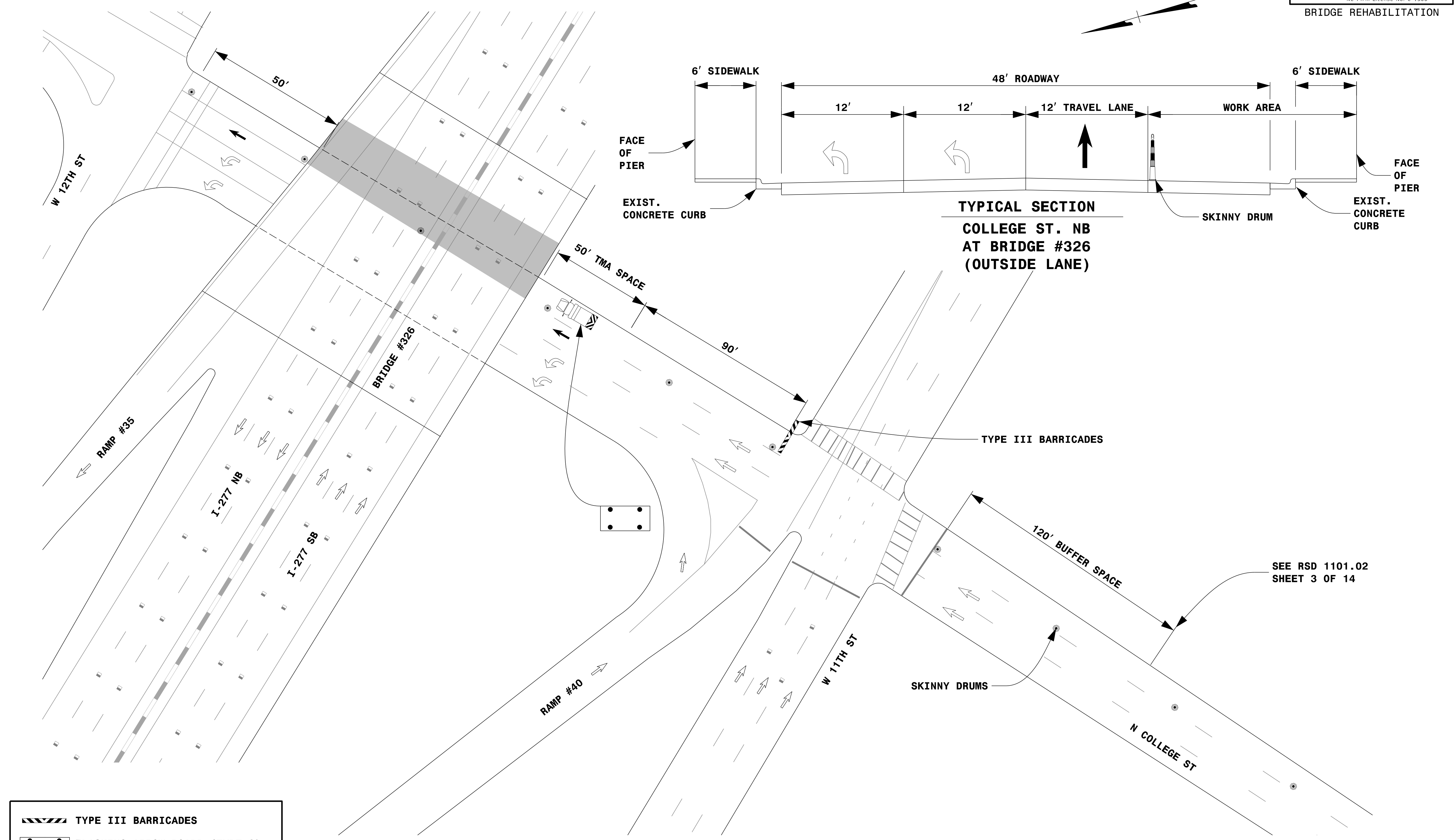
DocuSigned by
 JOHN P. MAZERES
 PROFESSIONAL ENGINEER
 SEAL 043935
 ENGINEER
 JOHN P. MAZERES
 8/5/2021

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



**LANE CLOSURE DETAIL
 COLLEGE STREET
 NORTHBOUND
 INSIDE LANE
 POSTED SPEED: 35 MPH**

8/5/2021 15:57:46 CD TMP-23_LANE_CLOSURE_DETAIL_COLLEGE_ST_NB-IL.dgn
 User: jduke

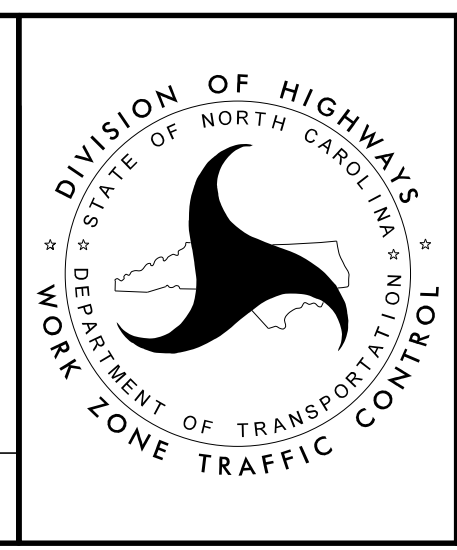


	TYPE III BARRICADES
	FLASHING ARROW BOARD (TYPE C) (96"X48" MIN.) "CAUTION MODE"
	TRUCK MOUNTED ATTENUATOR (TMA)
	SKINNY DRUM
	DIRECTION OF TRAFFIC FLOW
	WORK AREA

- NOTES:**
1. THIS DRAWING IS TO BE USED IN CONJUNCTION WITH RSD 1101.02 SHEET 3 OF 14.
 2. TRAFFIC CONTROL DEVICES SHALL BE INSTALLED PER ENGINEER'S INSTRUCTION.

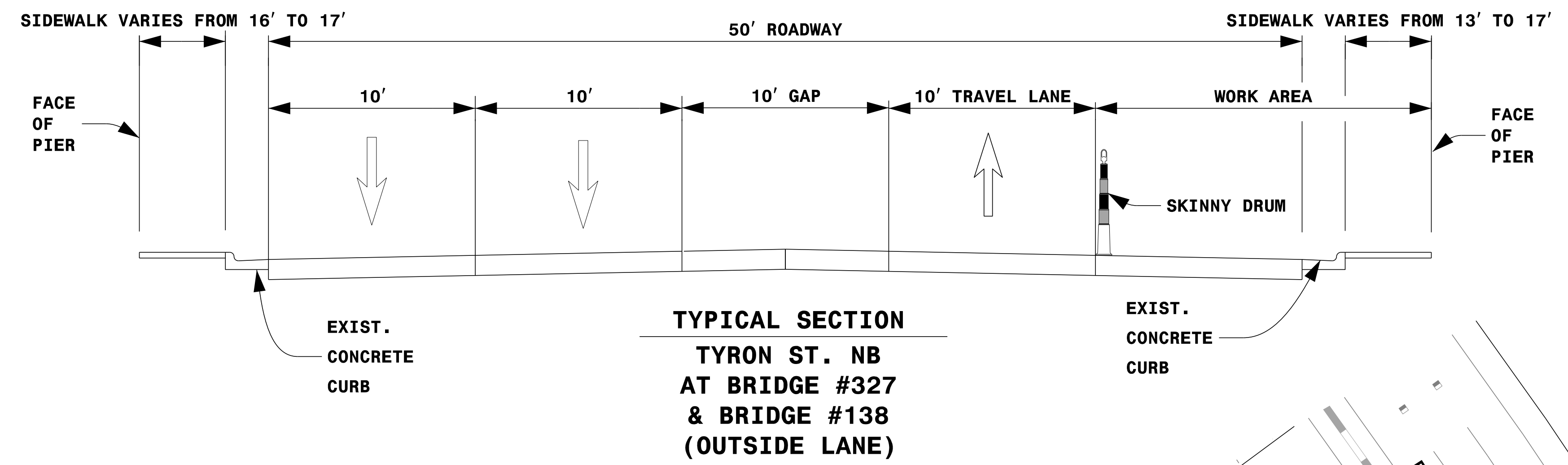
DocuSigned by
 John P. Mazeres, PE
 PROFESSIONAL ENGINEER
 SEAL
 043935
 ENGINEER
 JOHN P. MAZERES
 8/5/2021

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

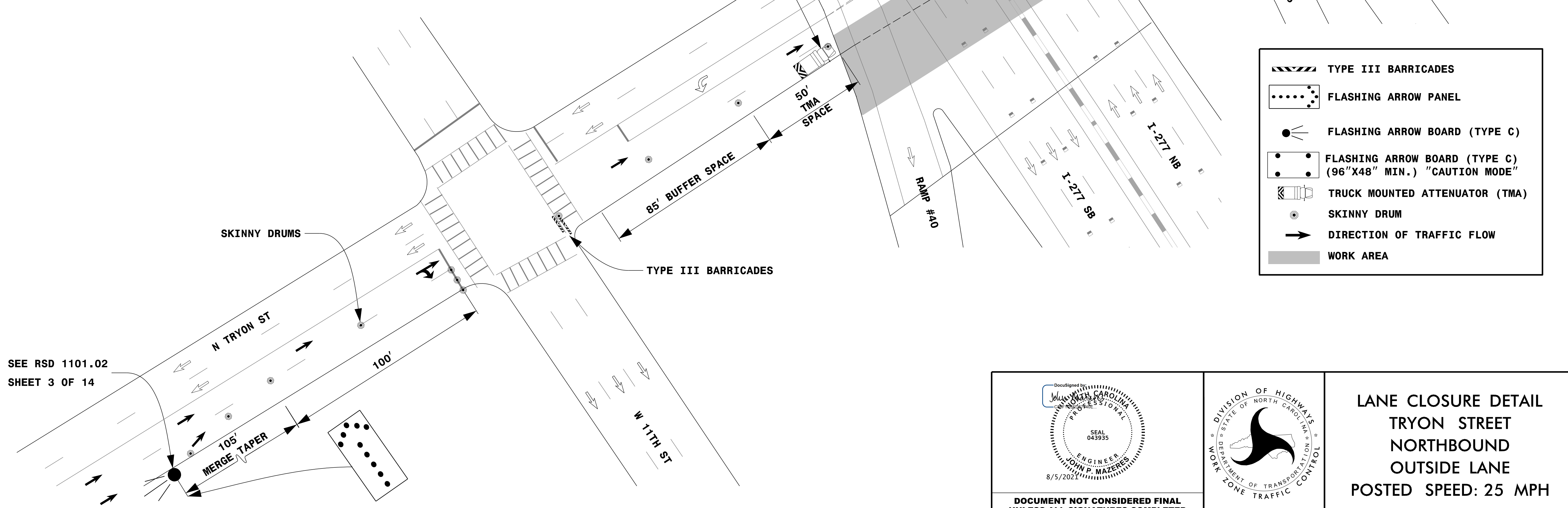
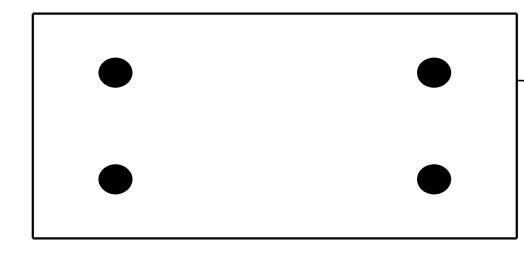


LANE CLOSURE DETAIL
COLLEGE STREET
NORTHBOUND
OUTSIDE LANE
POSTED SPEED: 35 MPH

8/5/2021
 200.27.15746CD_TMP-24_LANE_CLOSURE_DETAIL_COLLEGE_ST_NB-0L.dgn
 User: jduke



- NOTES:**
1. THIS DRAWING IS TO BE USED IN CONJUNCTION WITH RSD 1101.02 SHEET 3 OF 14.
 2. TRAFFIC CONTROL DEVICES SHALL BE INSTALLED PER ENGINEER'S INSTRUCTION.



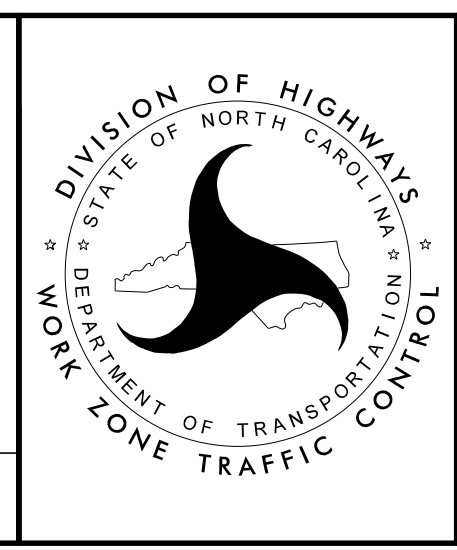
SEE RSD 1101.02
SHEET 3 OF 14

8/5/2021
 200.28.15746CD_TMP-25_LANE_CLOSURE_DETAIL_TRYON_ST_NB-OL.dgn
 User: jduke

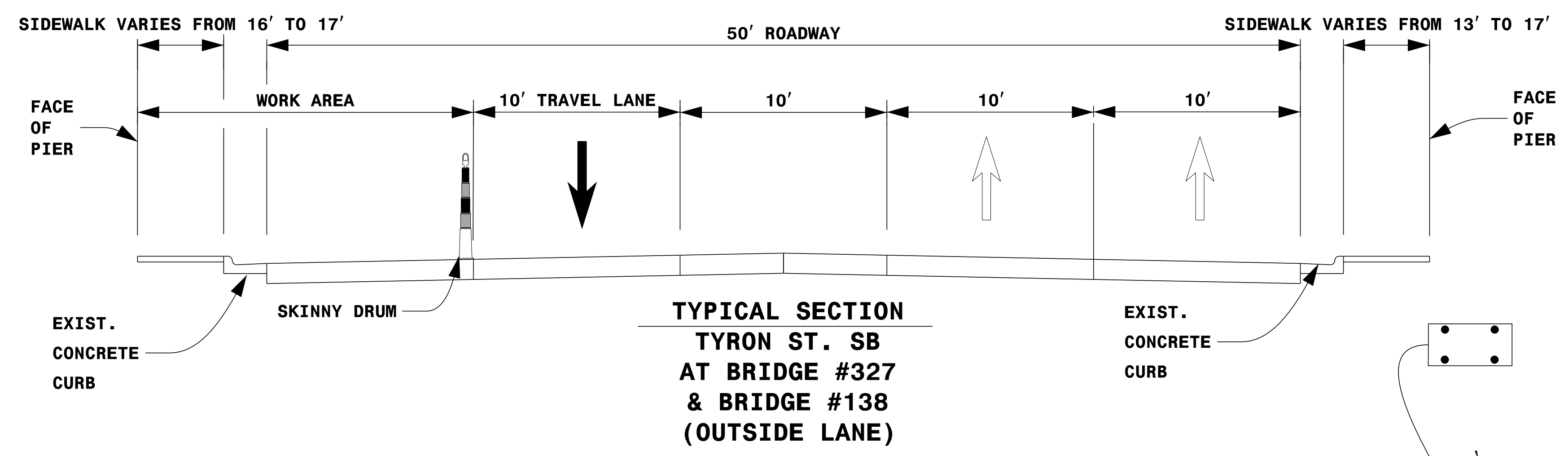
DocuSigned by:

ENGINEER
 JOHN P. MAZERES
 8/5/2021

**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**

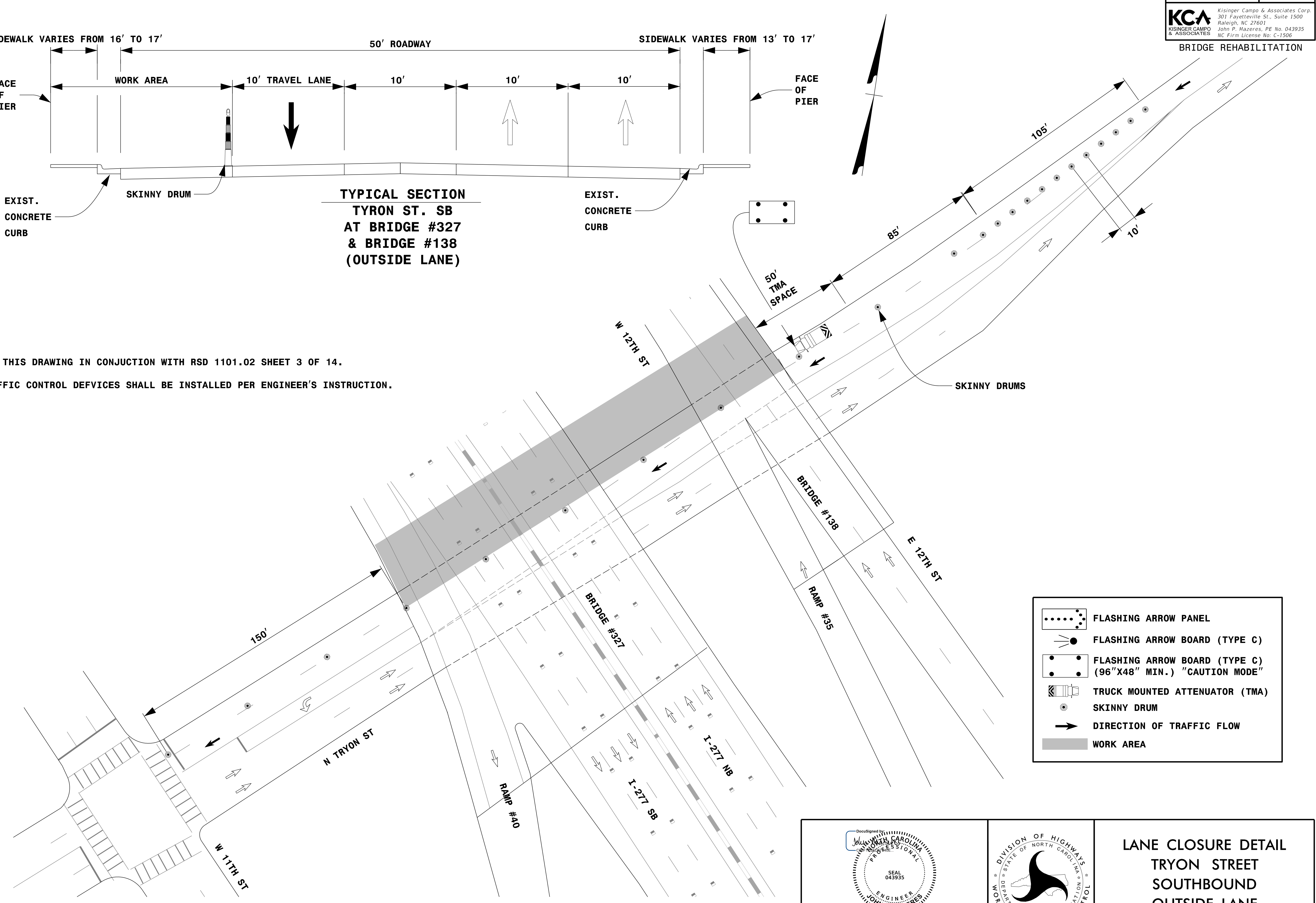


**LANE CLOSURE DETAIL
TRYON STREET
NORTHBOUND
OUTSIDE LANE
POSTED SPEED: 25 MPH**



NOTES:

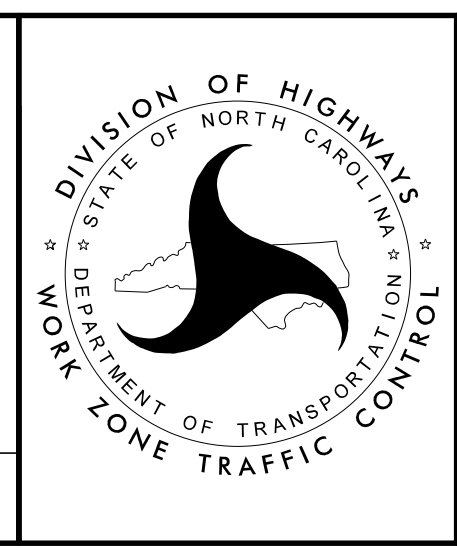
1. USE THIS DRAWING IN CONJUNCTION WITH RSD 1101.02 SHEET 3 OF 14.
2. TRAFFIC CONTROL DEVICES SHALL BE INSTALLED PER ENGINEER'S INSTRUCTION.



	FLASHING ARROW PANEL
	FLASHING ARROW BOARD (TYPE C)
	FLASHING ARROW BOARD (TYPE C) (96"X48" MIN.) "CAUTION MODE"
	TRUCK MOUNTED ATTENUATOR (TMA)
	SKINNY DRUM
	DIRECTION OF TRAFFIC FLOW
	WORK AREA

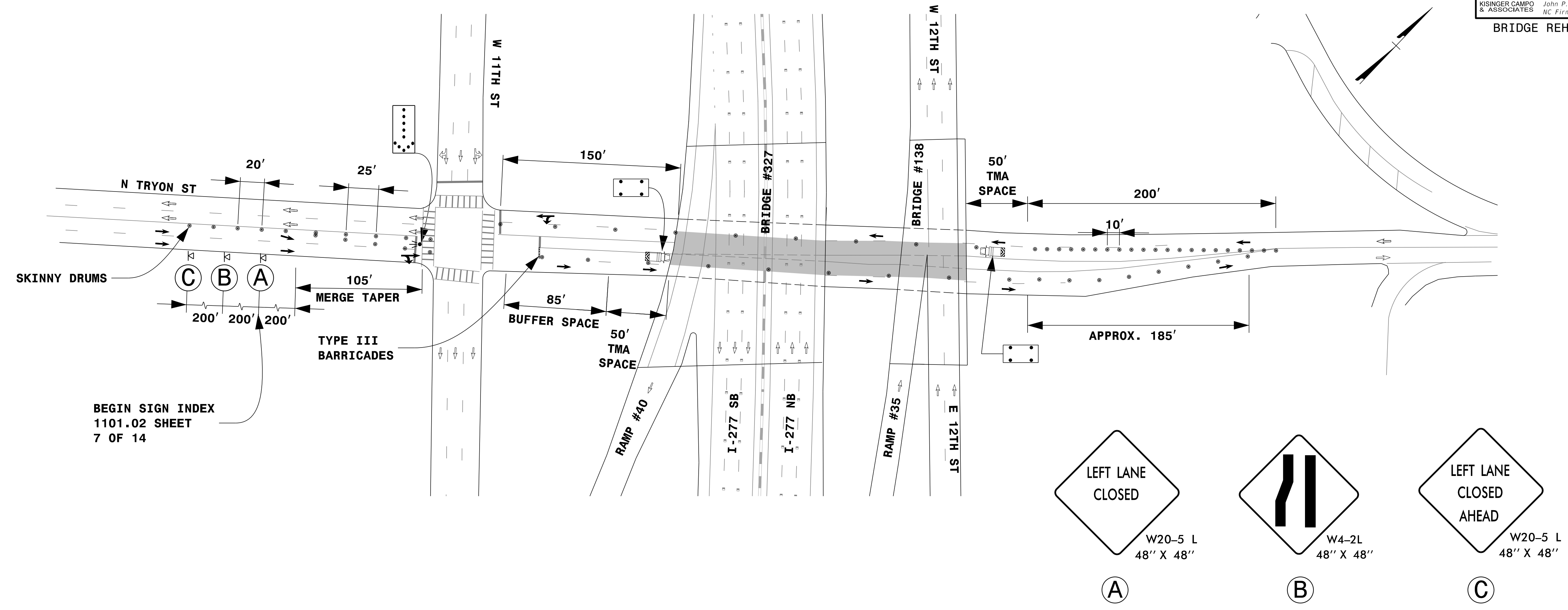
DocuSigned by:
John P. Mazeres, PE
SEAL
043935
ENGINEER
JOHN P. MAZERES
8/5/2021

**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**

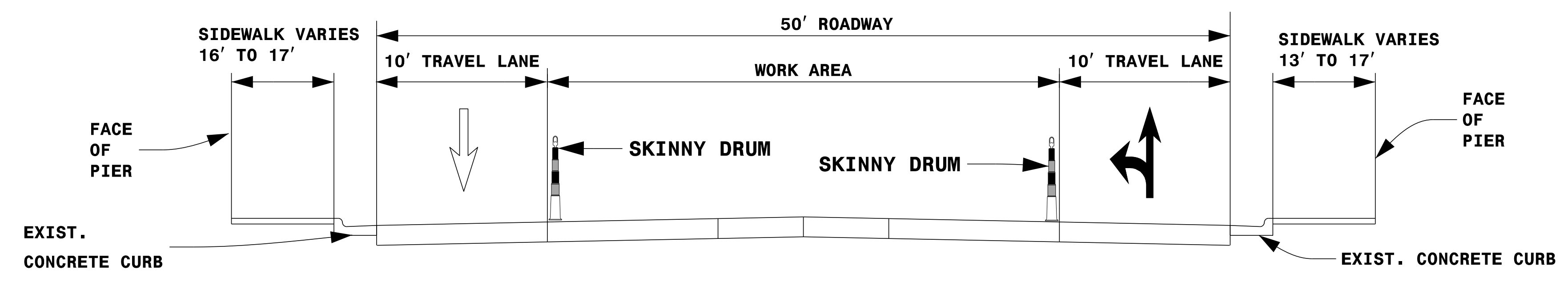


**LANE CLOSURE DETAIL
TRYON STREET
SOUTHBOUND
OUTSIDE LANE
POSTED SPEED: 25 MPH**

8/5/2021 2:00:29 PM I5746CD_TMP-26_LANE_CLOSURE_DETAIL_TRYON_ST_SB-0L.dgn User: jduke



BEGIN SIGN INDEX
 1101.02 SHEET
 7 OF 14



**TYPICAL SECTION
 TRYON ST.
 AT BRIDGE #327
 & BRIDGE #138
 (CENTER LANE)**

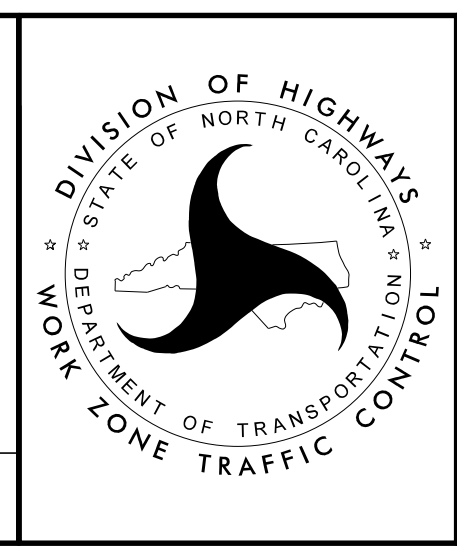
- TYPE III BARRICADES
- FLASHING ARROW PANEL
- FLASHING ARROW BOARD (TYPE C)
- FLASHING ARROW BOARD (TYPE C) (96" X 48" MIN.) "CAUTION MODE"
- TRUCK MOUNTED ATTENUATOR (TMA)
- SKINNY DRUM
- PORTABLE SIGN
- DIRECTION OF TRAFFIC FLOW
- WORK AREA

- NOTES:**
- TRAFFIC CONTROL DEVICES (A) THRU (C) SHALL BE INSTALLED PER ENGINEER'S INSTRUCTIONS.
 - THIS DRAWING IS TO BE USED IN CONJUNCTION WITH RSD 1101.02 SHEET 3 OF 14 AND SHEET 7 OF 14.

DocuSigned by
 John P. Mazeres, PE
 PROFESSIONAL SEAL
 ENGINEER
 JOHN P. MAZERES
 8/5/2021

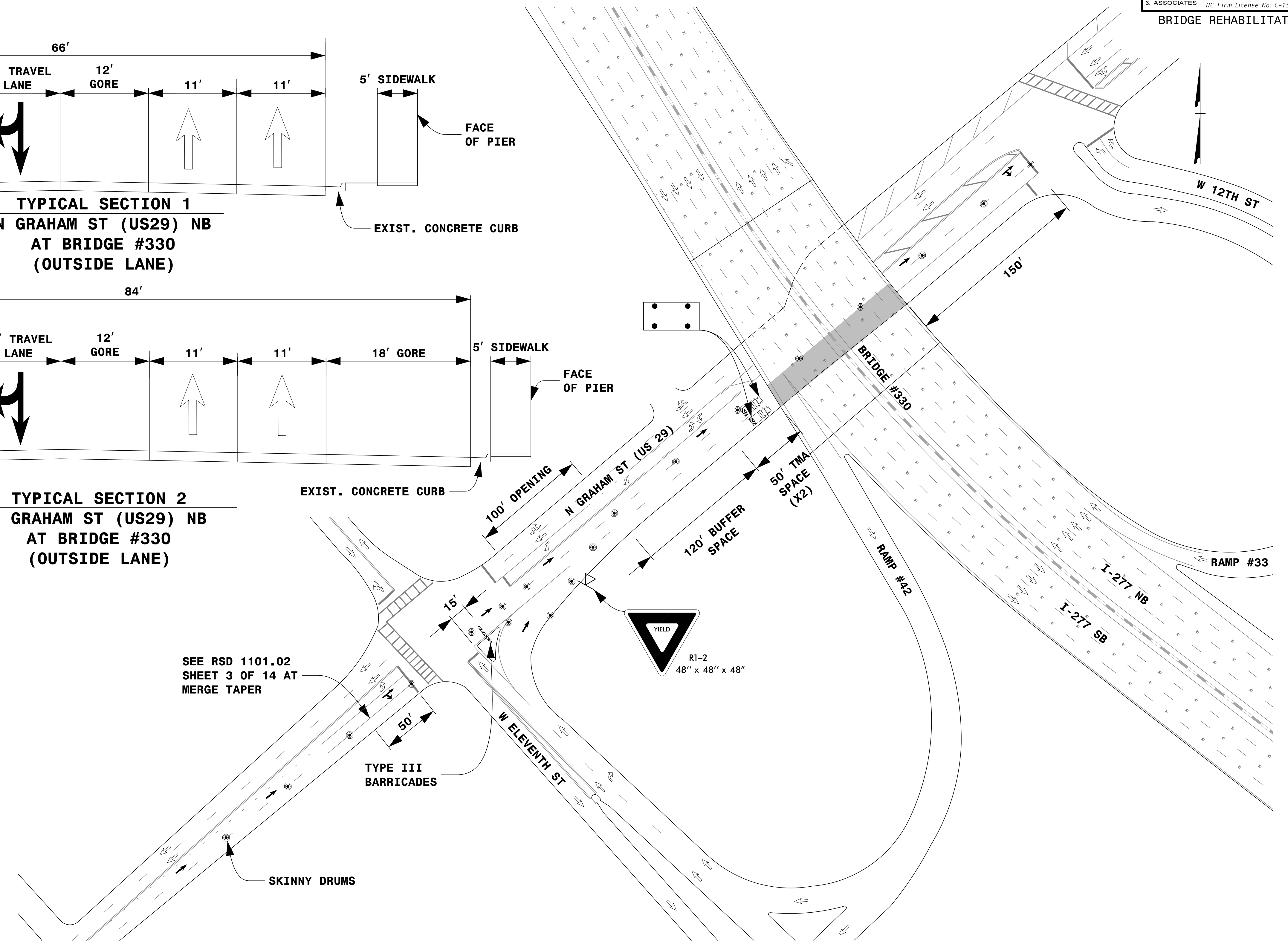
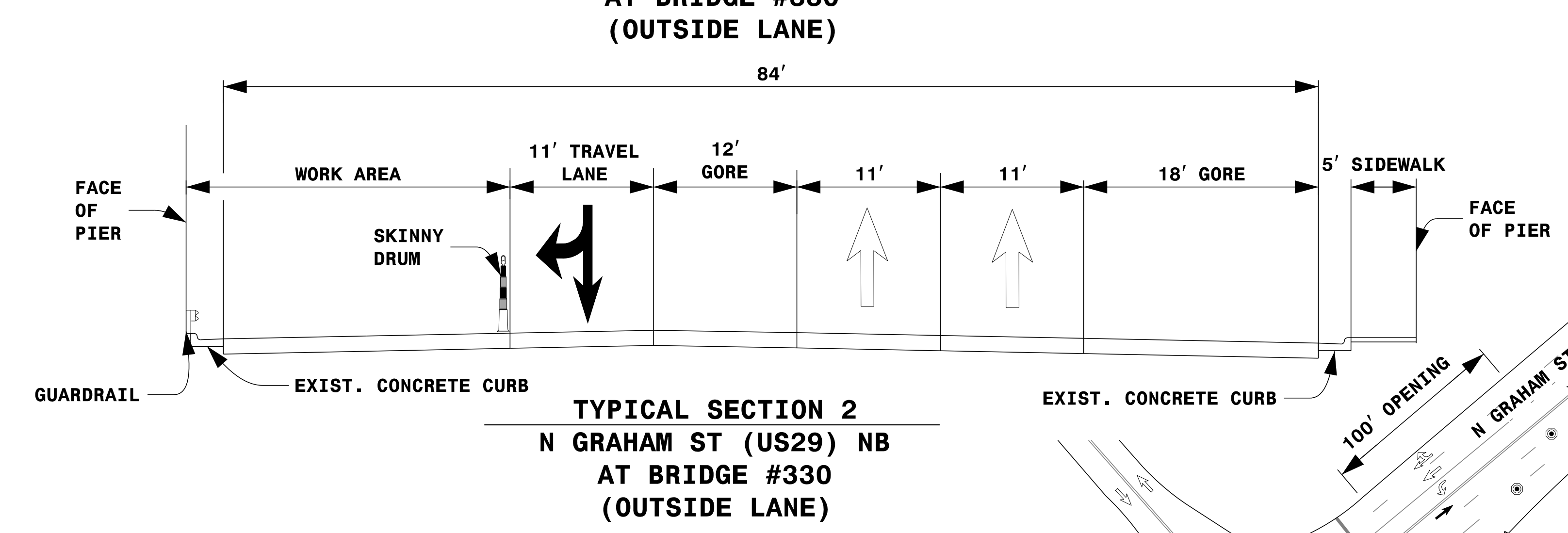
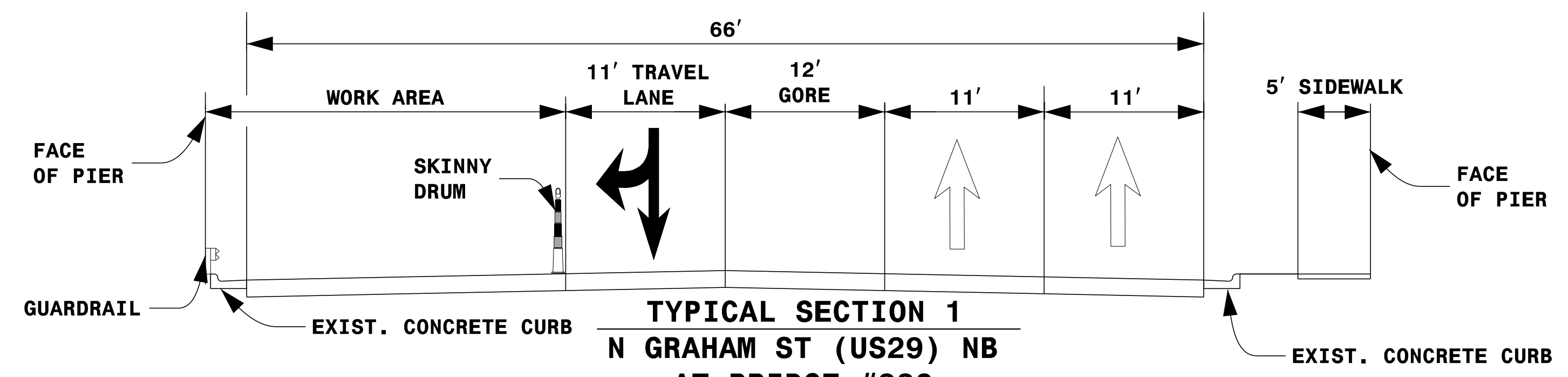
SEAL
 043935

**DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED**


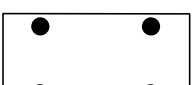
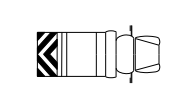
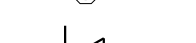





**LANE CLOSURE DETAIL
 TRYON STREET
 CENTER LANE
 POSTED SPEED: 25 MPH**

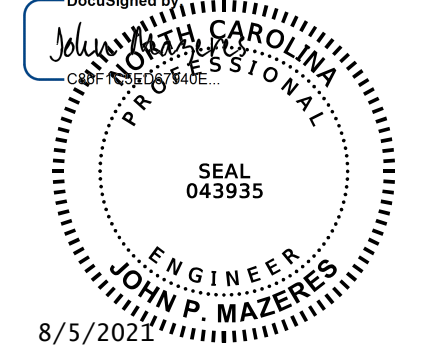
8/5/2021
 200_30_15746CD_TMP-27_LANE_CLOSURE_DETAIL_TRYON_ST_CENTER_LANE.dgn
 User: jduke



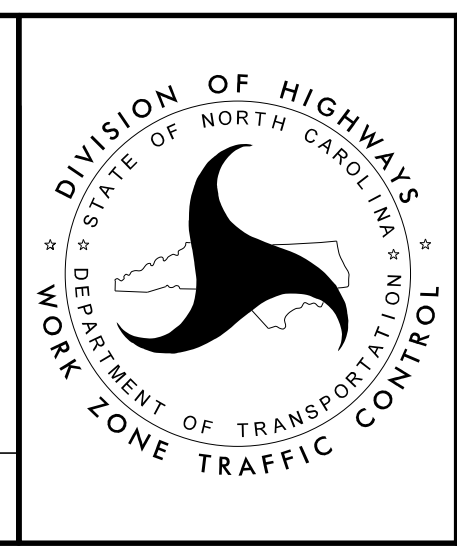
SEE RSD 1101.02 SHEET 3 OF 14 AT MERGE TAPER

	TYPE III BARRICADES
	FLASHING ARROW BOARD (TYPE C) (96"X48" MIN.) "CAUTION MODE"
	TRUCK MOUNTED ATTENUATOR (TMA)
	SKINNY DRUM
	PORTABLE SIGN
	DIRECTION OF TRAFFIC FLOW
	WORK AREA

- NOTES:**
1. THIS DRAWING IS TO BE USED IN CONJUNCTION WITH RSD 1101.02 SHEET 3 OF 14.
 2. TRAFFIC CONTROLLED DEVICES SHALL BE INSTALLED PER ENGINEER'S INSTRUCTION.

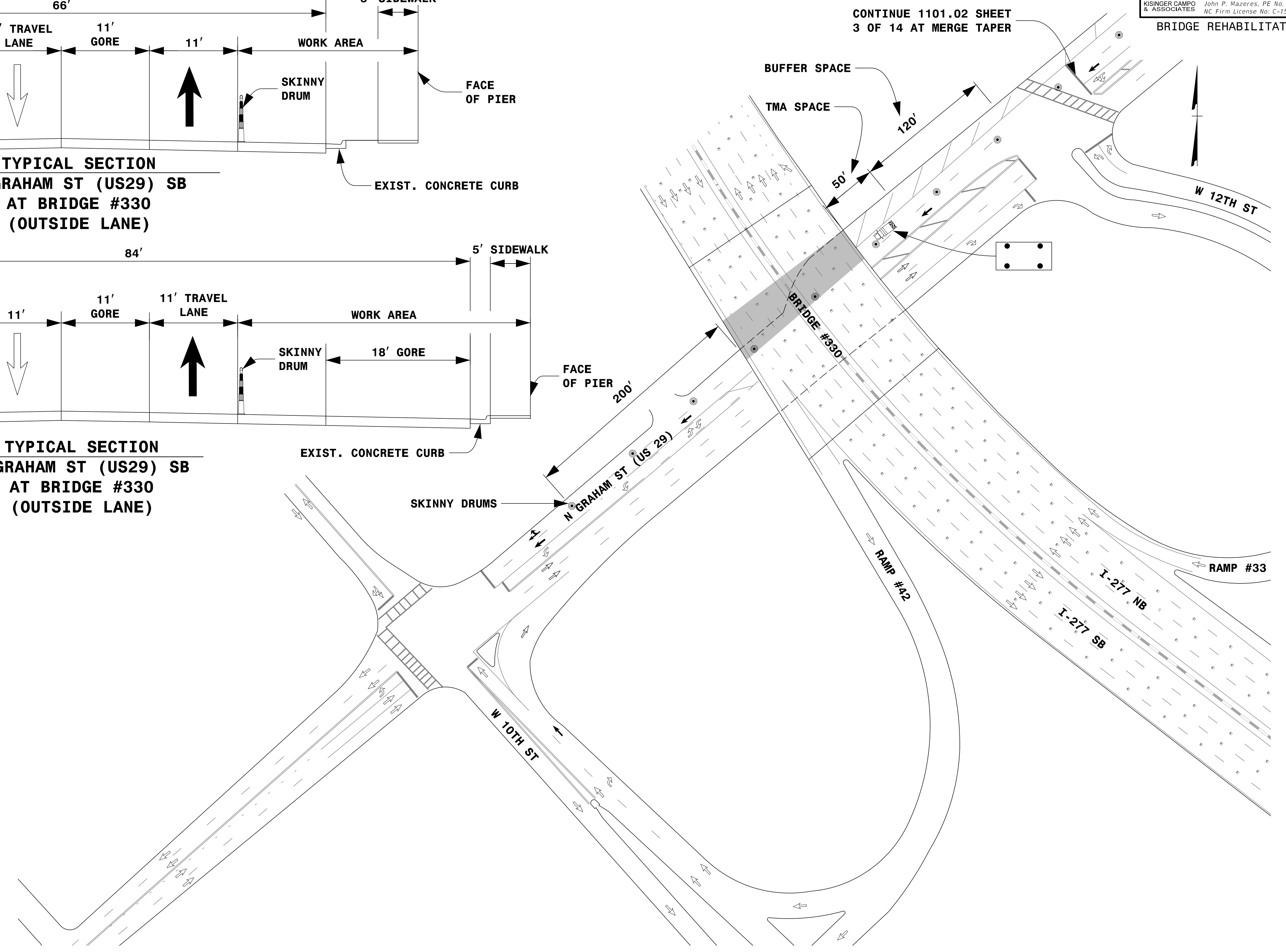
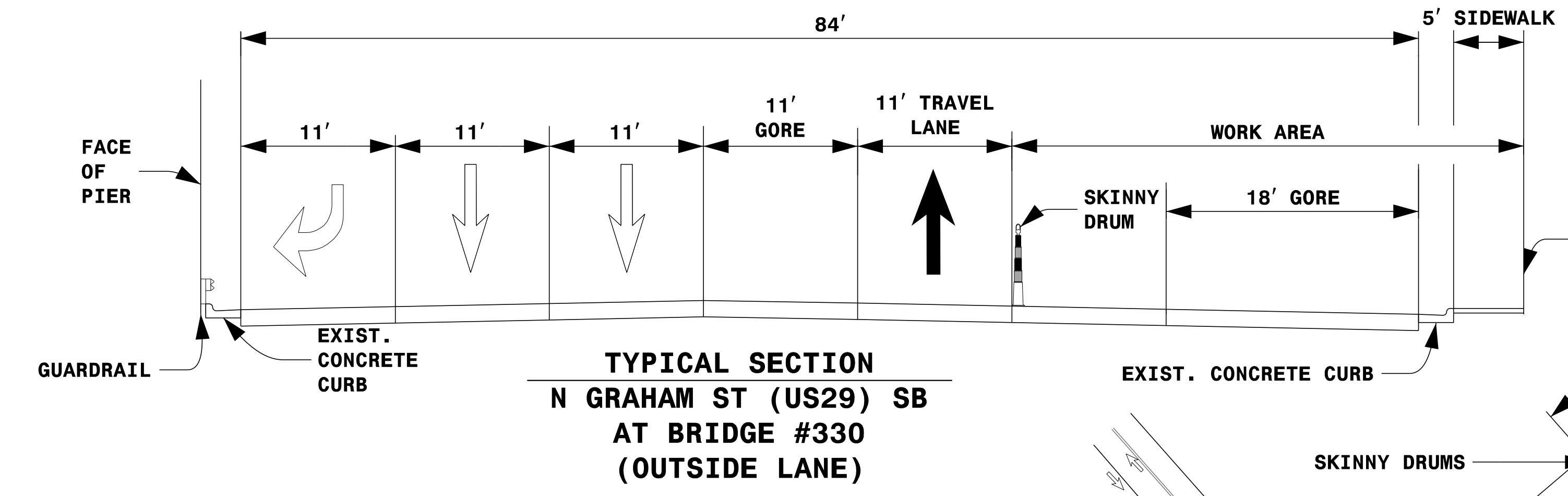
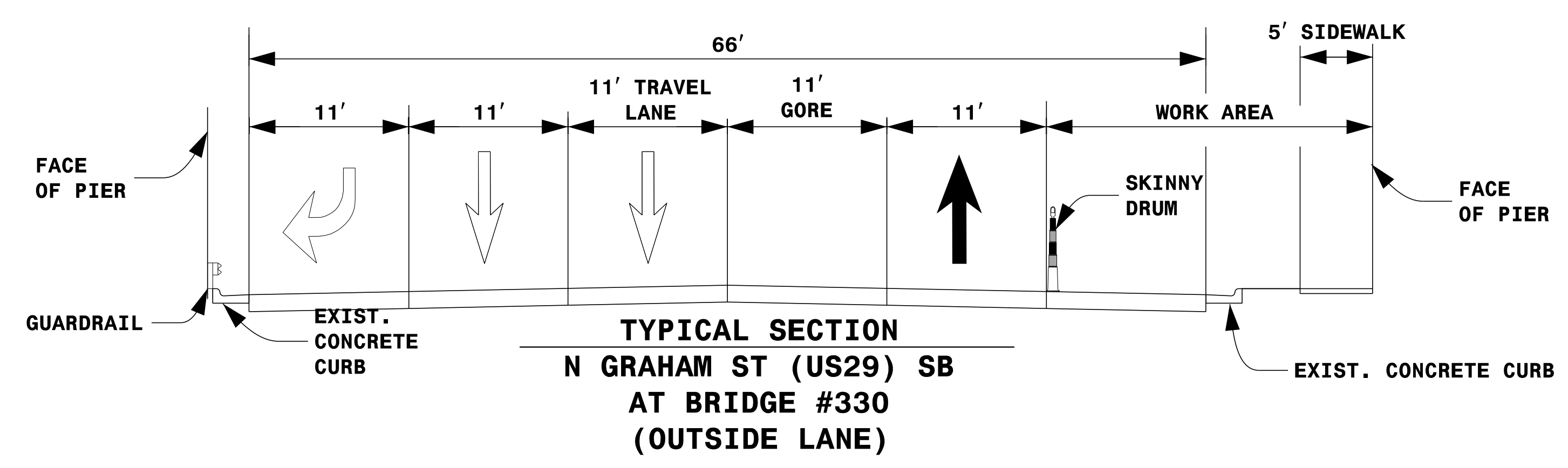
DocuSigned by:

 ENGINEER
 JOHN P. MAZERES
 8/5/2021

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

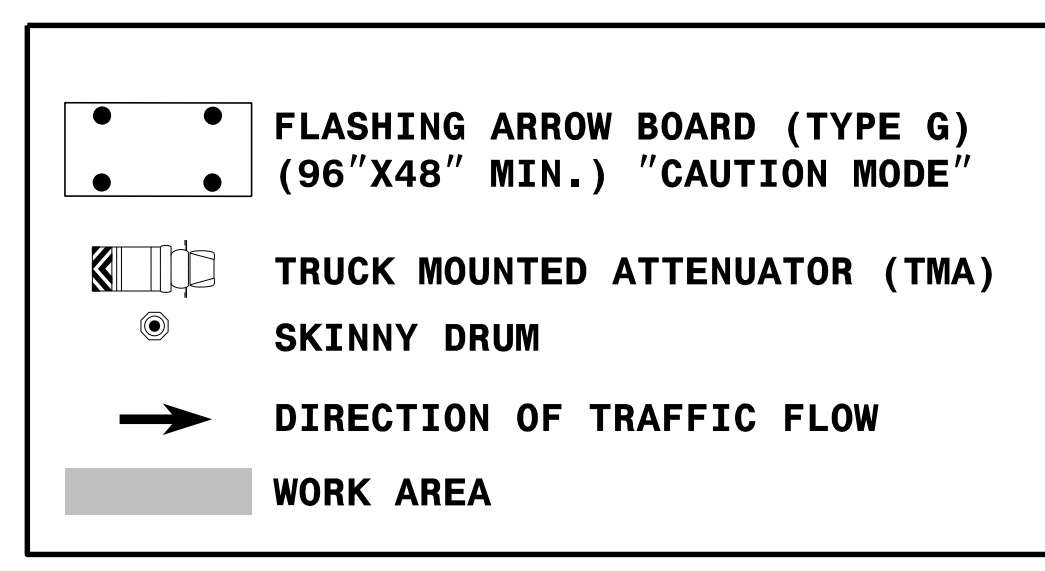


LANE CLOSURE DETAIL
 US 29 (N GRAHAM ST)
 NORTHBOUND
 OUTSIDE LANE
 POSTED SPEED: 35 MPH

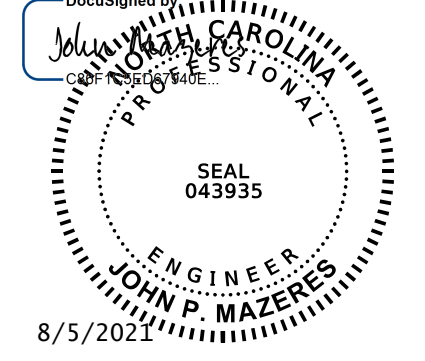
8/5/2021
 200_31_15746CD_TMP-28_LANE_CLOSURE_DETAIL_US29_NB-0L.dgn
 User: jduke



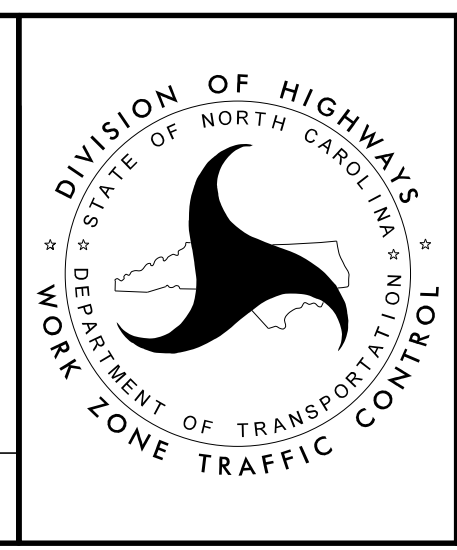
CONTINUE 1101.02 SHEET
3 OF 14 AT MERGE TAPER



- NOTES:**
1. THIS DRAWING IS TO BE USED IN CONJUNCTION WITH RSD 1101.02 SHEET 3 OF 14.
 2. TRAFFIC CONTROL DEVICES SHALL BE INSTALLED PER ENGINEER'S INSTRUCTION.

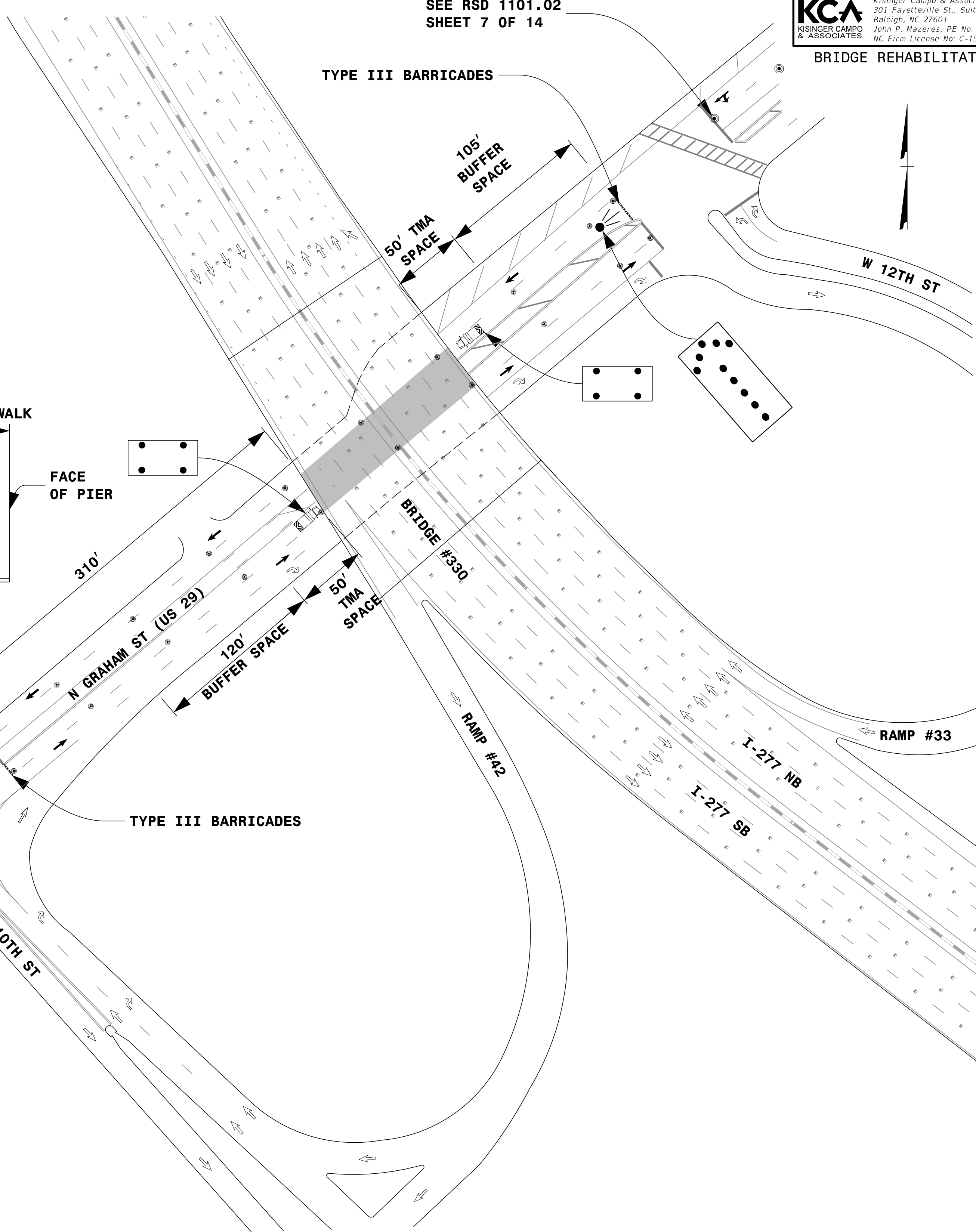
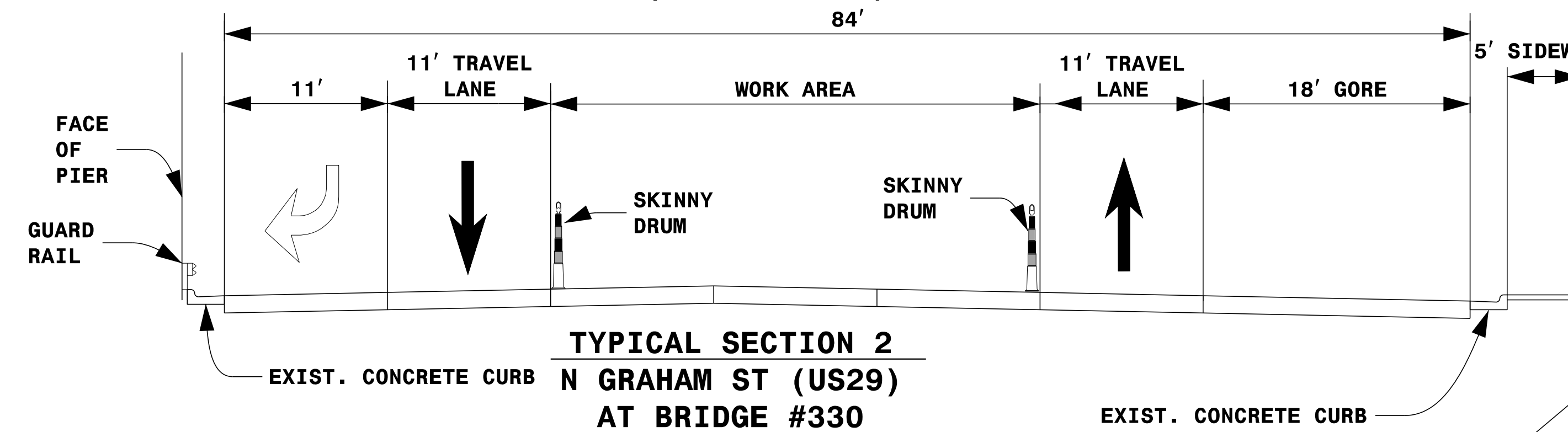
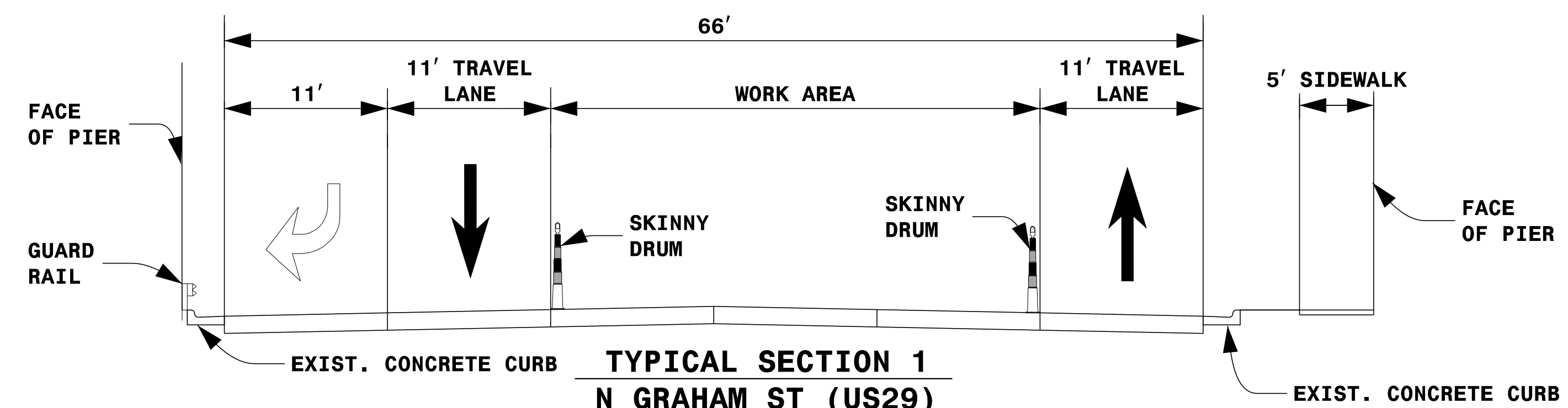
DocuSigned by

 SEAL 043935
 ENGINEER
 JOHN P. MAZERES
 8/5/2021

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UNLESS ALL SIGNATURES COMPLETED**



LANE CLOSURE DETAIL
 US 29 (N GRAHAM ST)
 SOUTHBOUND
 OUTSIDE LANE
 POSTED SPEED: 35 MPH

8/5/2021
 200_32_15746CD_TMP-29_LANE_CLOSURE_DETAIL_US29_SB_OL.dgn
 User: jduke

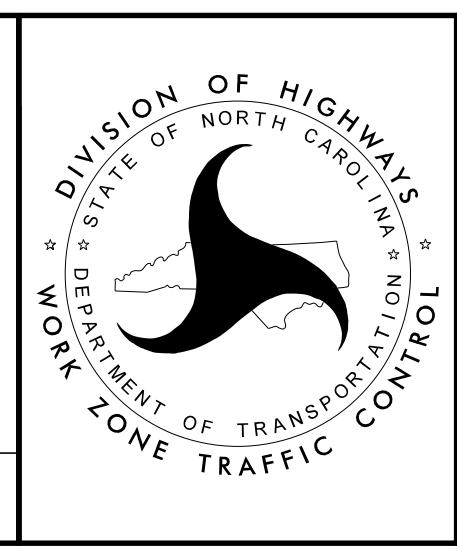


	TYPE III BARRICADES
	FLASHING ARROW PANEL
	FLASHING ARROW BOARD (TYPE C)
	FLASHING ARROW BOARD (TYPE C) (96"X48" MIN.) "CAUTION MODE"
	TRUCK MOUNTED ATTENUATOR (TMA)
	SKINNY DRUM
	DIRECTION OF TRAFFIC FLOW
	WORK AREA

- NOTES:**
1. THIS DRAWING IS TO BE USED IN CONJUNCTION WITH RSD 1101.02 SHEET 7 OF 14.
 2. TRAFFIC CONTROL DEVICES SHALL BE INSTALLED PER ENGINEER'S INSTRUCTION.

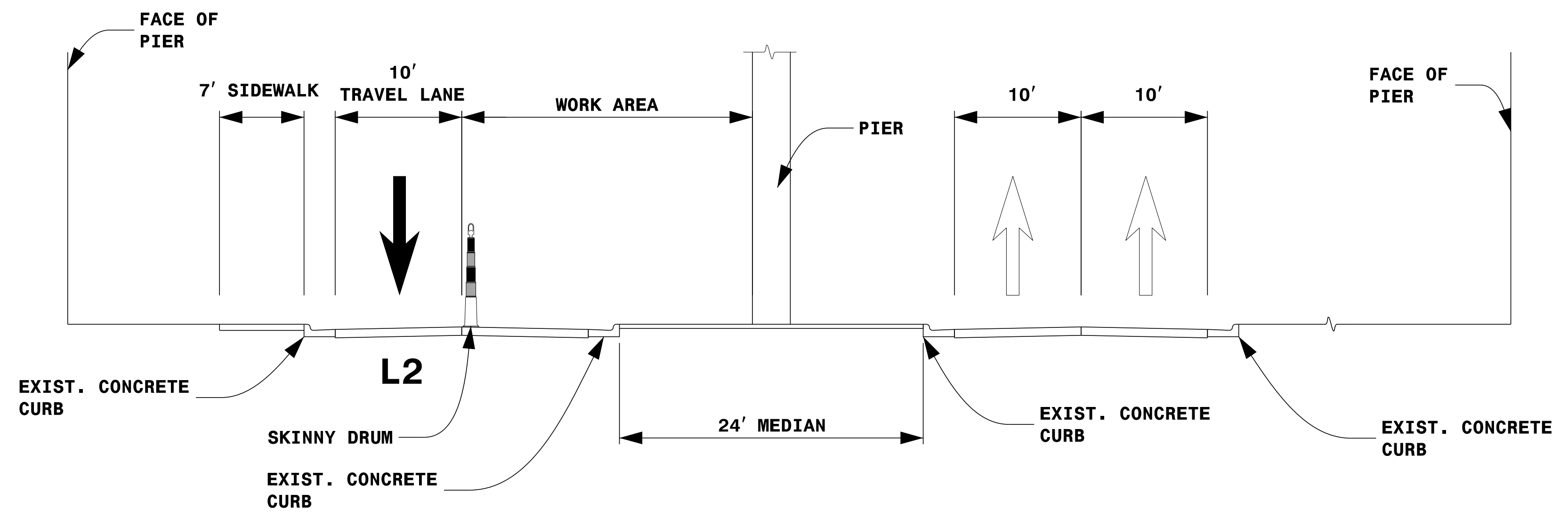
DocuSigned by
John P. Mazeres, PE
SEAL
043935
ENGINEER
JOHN P. MAZERES
8/5/2021

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

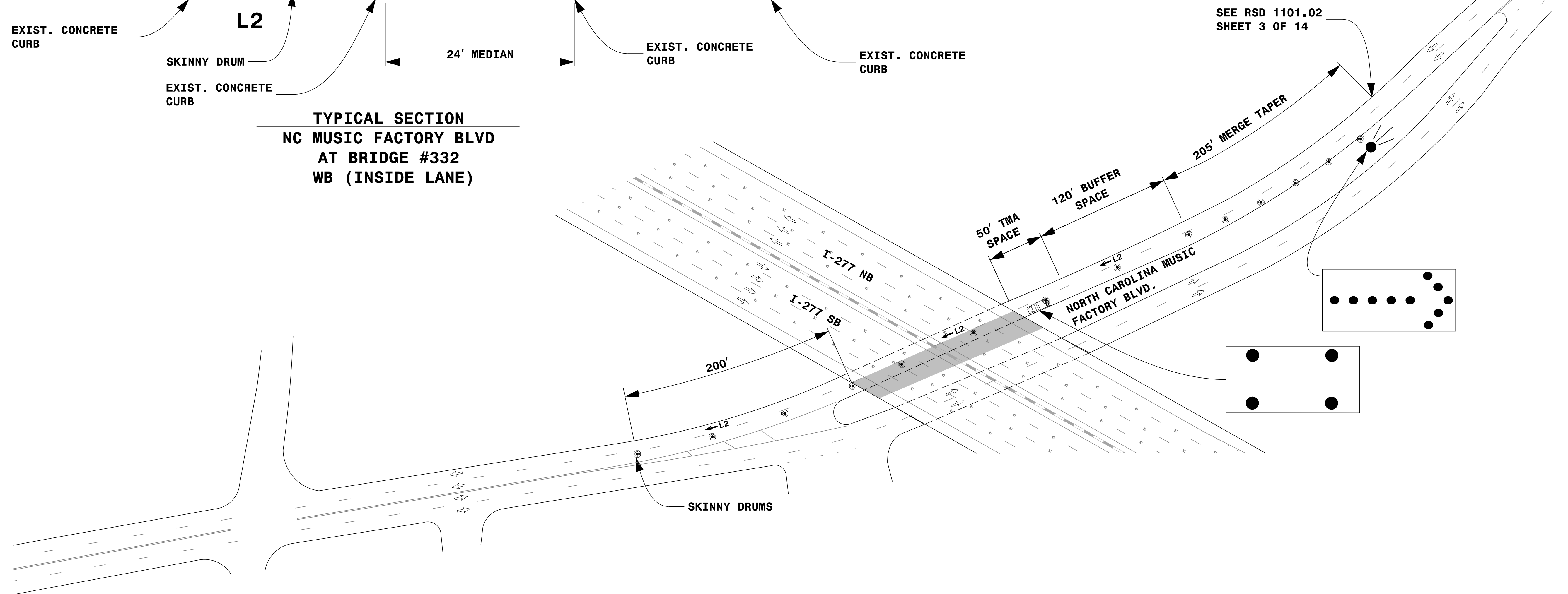




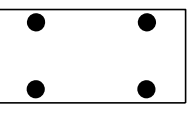
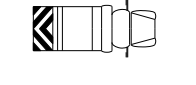



LANE CLOSURE DETAIL
US 29 (N GRAHAM ST)
CENTER LANE
POSTED SPEED: 35 MPH

8/5/2021 2:00:33 PM I-5746CD_TMP-30_LANE_CLOSURE_DETAIL_US29_ST_CENTER_LANE.dgn User:tduke



**TYPICAL SECTION
NC MUSIC FACTORY BLVD
AT BRIDGE #332
WB (INSIDE LANE)**

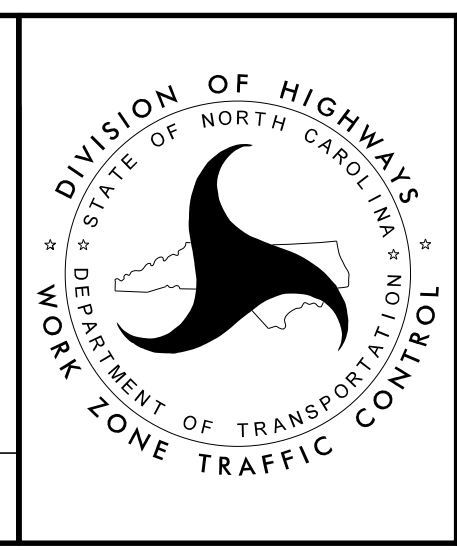


-  FLASHING ARROW PANEL
-  FLASHING ARROW BOARD (TYPE C)
-  FLASHING ARROW BOARD (TYPE C)
(96"X48" MIN.) "CAUTION MODE"
-  TRUCK MOUNTED ATTENUATOR (TMA)
-  SKINNY DRUM
-  DIRECTION OF TRAFFIC FLOW
-  WORK AREA

- NOTES:**
1. THIS DRAWING IS TO BE USED IN CONJUNCTION WITH RSD 1101.02 SHEET 3 OF 14.
 2. TRAFFIC CONTROL DEVICES SHALL BE INSTALLED PER ENGINEER'S INSTRUCTION.

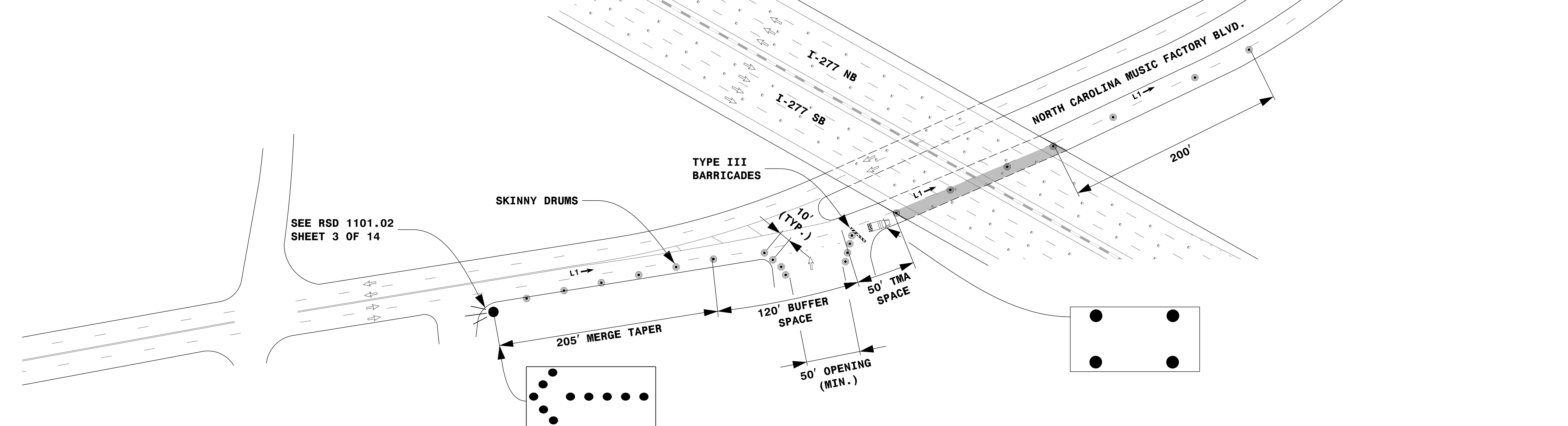
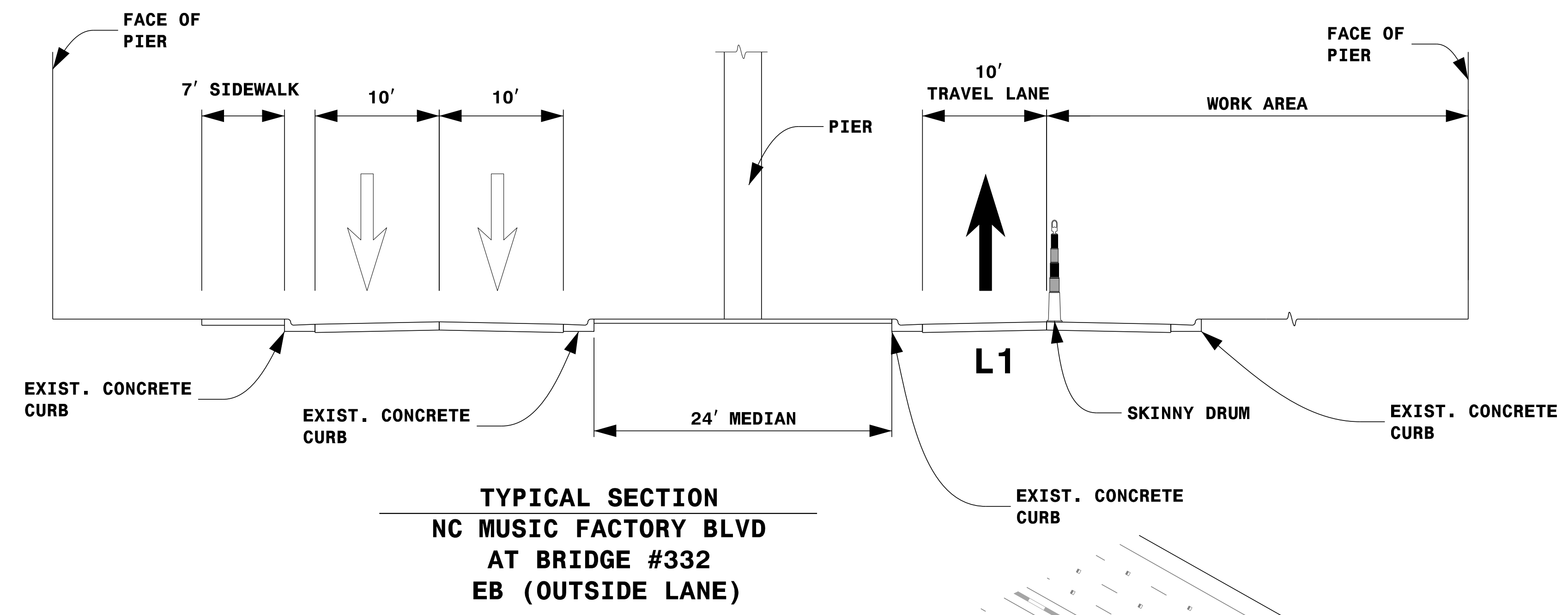
DocuSigned by:
John P. Mazeres, PE
Professional Engineer
SEAL
043935
ENGINEER
JOHN P. MAZERES
8/5/2021


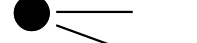
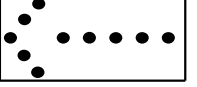





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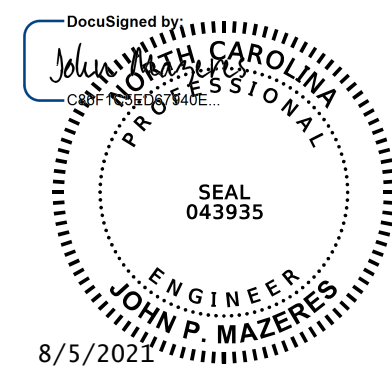
**LANE CLOSURE DETAIL
NC MUSIC FACTORY BLVD.
WESTBOUND
INSIDE LANE
POSTED SPEED: 35 MPH**

8/5/2021 2:00:34 PM I-5746CD_TMP-31_LANE_CLOSURE_DETAIL_MUSIC_FACTORY_BLDV_WB-IL.dgn User: jduke

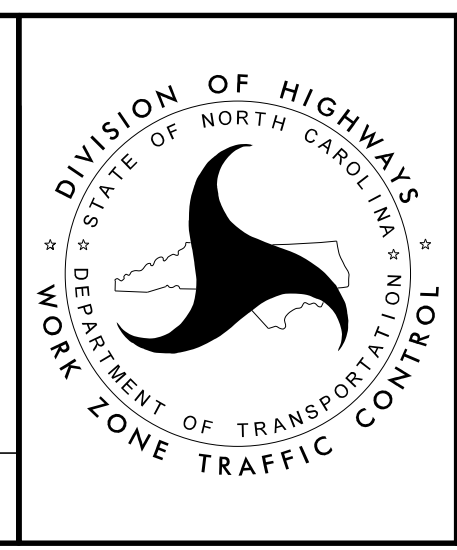


	TYPE III BARRICADES
	FLASHING ARROW PANEL
	FLASHING ARROW BOARD (TYPE C)
	FLASHING ARROW BOARD (TYPE C) (96"X48" MIN.) "CAUTION MODE"
	TRUCK MOUNTED ATTENUATOR (TMA)
	SKINNY DRUM
	DIRECTION OF TRAFFIC FLOW
	WORK AREA

- NOTES:**
- THIS DRAWING IS TO BE USED IN CONJUNCTION WITH RSD 1101.02 SHEET 3 OF 14.
 - TRAFFIC CONTROL DEVICES SHALL BE INSTALLED PER ENGINEER'S INSTRUCTION.

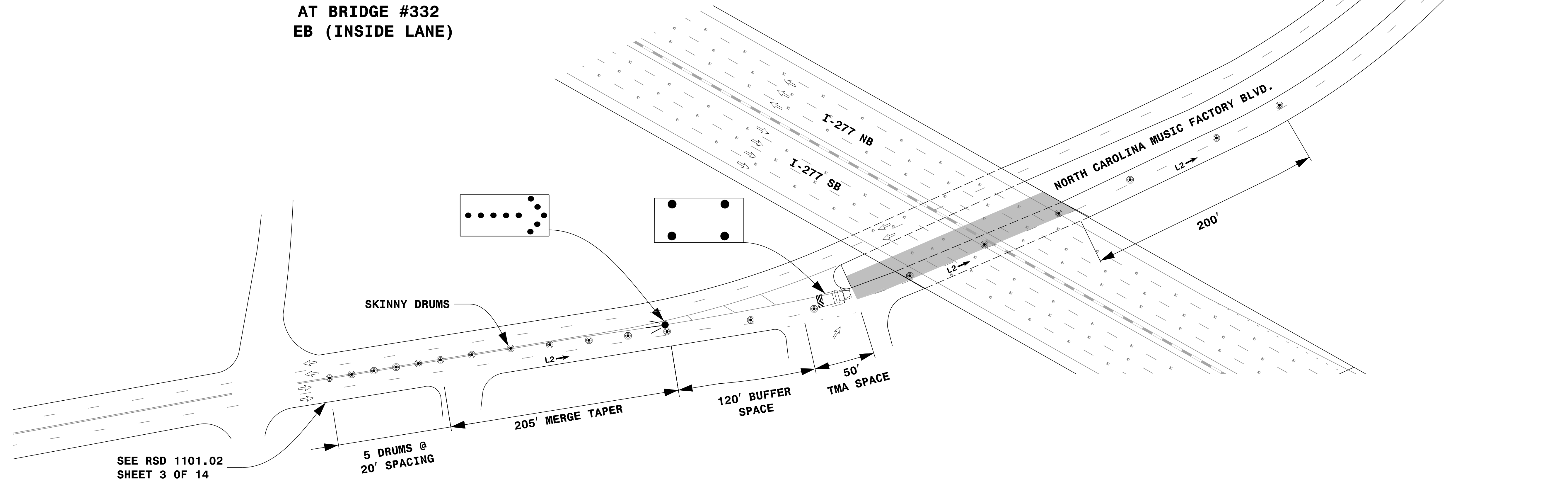
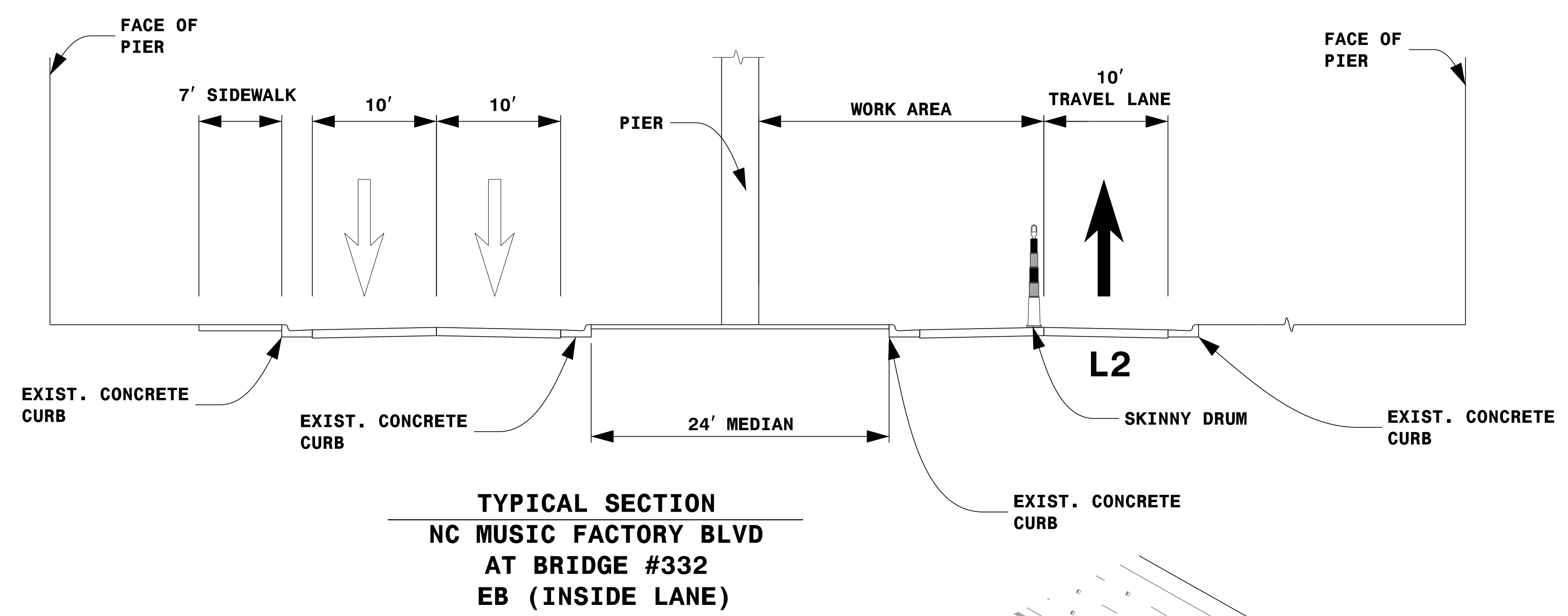
DocuSigned by

ENGINEER
 JOHN P. MAZERES
 8/5/2021

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 UNLESS ALL SIGNATURES COMPLETED**



**LANE CLOSURE DETAIL
 NC MUSIC FACTORY BLVD.
 EASTBOUND
 OUTSIDE LANE
 POSTED SPEED: 35 MPH**

8/5/2021
 200.35.15746CD_TMP-32_LANE_CLOSURE_DETAIL_MUSIC_FACTORY_BLDV_EB-01.dgn
 User: jduke



SEE RSD 1101.02 SHEET 3 OF 14

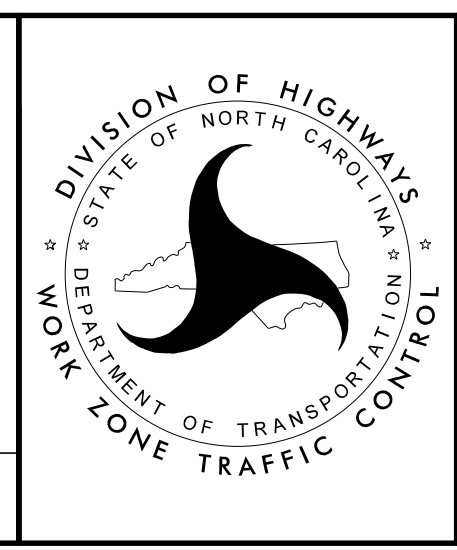
	FLASHING ARROW PANEL
	FLASHING ARROW BOARD (TYPE C)
	FLASHING ARROW BOARD (TYPE C) (96"X48" MIN.) "CAUTION MODE"
	TRUCK MOUNTED ATTENUATOR (TMA)
	SKINNY DRUM
	DIRECTION OF TRAFFIC FLOW
	WORK AREA

NOTES:

1. THIS DRAWING IS TO BE USED IN CONJUNCTION WITH RSD 1101.02 SHEET 3 OF 14.
2. TRAFFIC CONTROL DEVICES SHALL BE INSTALLED PER ENGINEER'S INSTRUCTION.

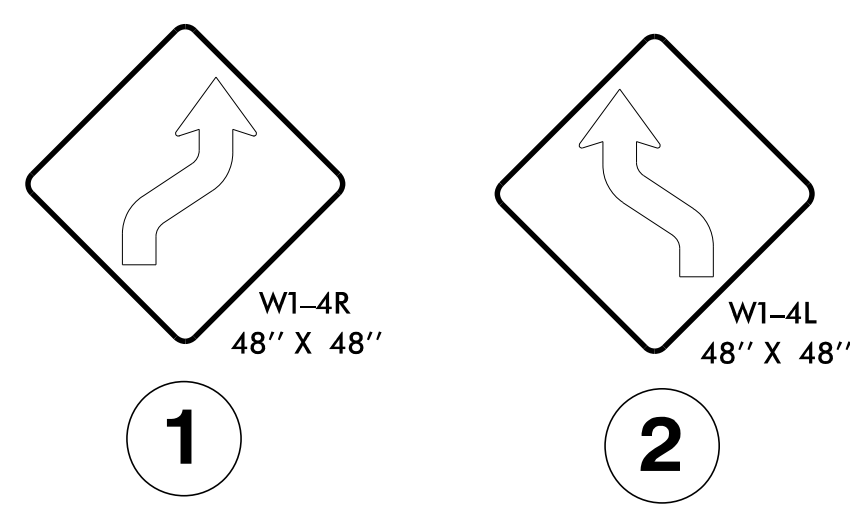
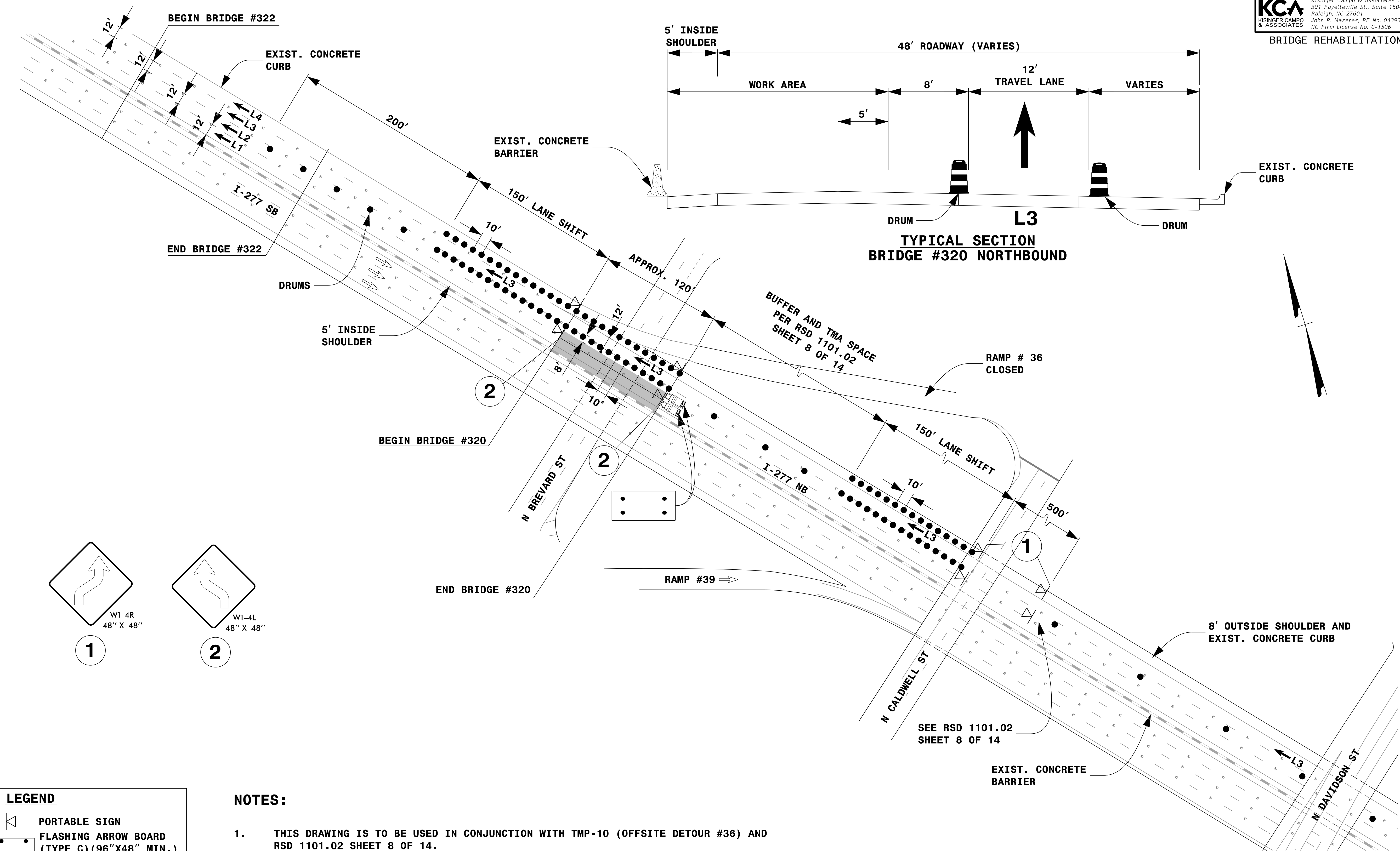
DocuSigned by:
John P. Mazeres, PE
Professional Engineer
SEAL
043935
ENGINEER
JOHN P. MAZERES
8/5/2021

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UNLESS ALL SIGNATURES COMPLETED**



**LANE CLOSURE DETAIL
NC MUSIC FACTORY BLVD.
EASTBOUND
INSIDE LANE
POSTED SPEED: 35 MPH**

8/5/2021 2:00:36 PM I-5746CD-TMP-33-LANE CLOSURE DETAIL MUSIC FACTORY BLVD EB-IL.dgn User: jduke



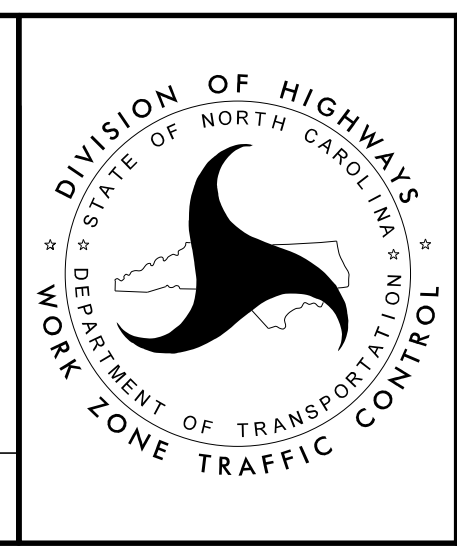
LEGEND

	PORTABLE SIGN
	FLASHING ARROW BOARD (TYPE C) (96" X 48" MIN.) "CAUTION MODE"
	TRUCK MOUNTED ATTENUATOR (TMA)
	WORK AREA
	DIRECTION OF TRAFFIC FLOW
	TRAFFIC DRUM

- NOTES:**
- THIS DRAWING IS TO BE USED IN CONJUNCTION WITH TMP-10 (OFFSITE DETOUR #36) AND RSD 1101.02 SHEET 8 OF 14.
 - FOR ENTRANCE AND EXIT RAMP SIGNING, REFER TO RSD 1101.01, DETAIL B & C.
 - FOR ADDITIONAL NOTES, SEE RSD 1101.01, SHEET 2.
 - SEE TMP-3 (BRIDGE REHABILITATION VICINITY MAP) FOR BRIDGE LOCATION.
 - TRAFFIC CONTROL DEVICES ① AND ② SHALL BE INSTALLED PER ENGINEER'S INSTRUCTIONS.

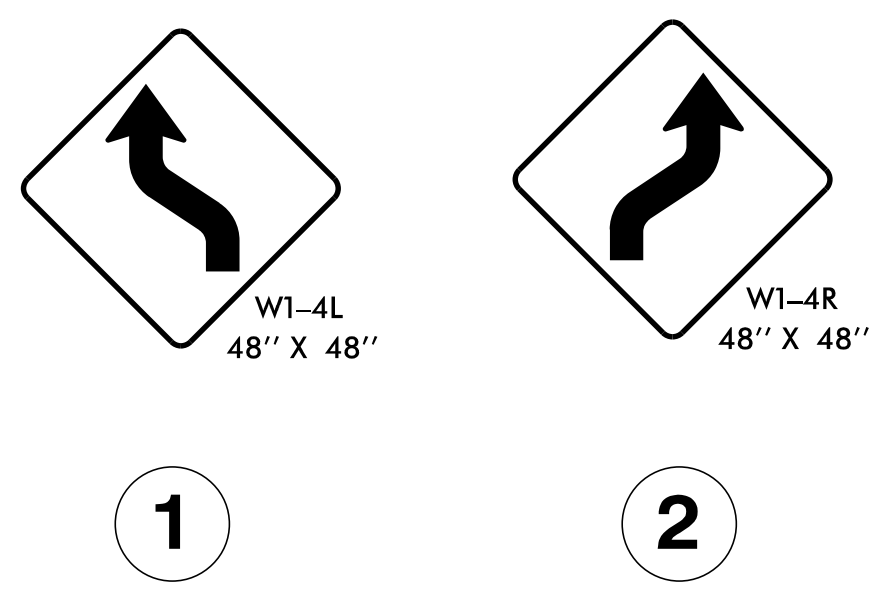
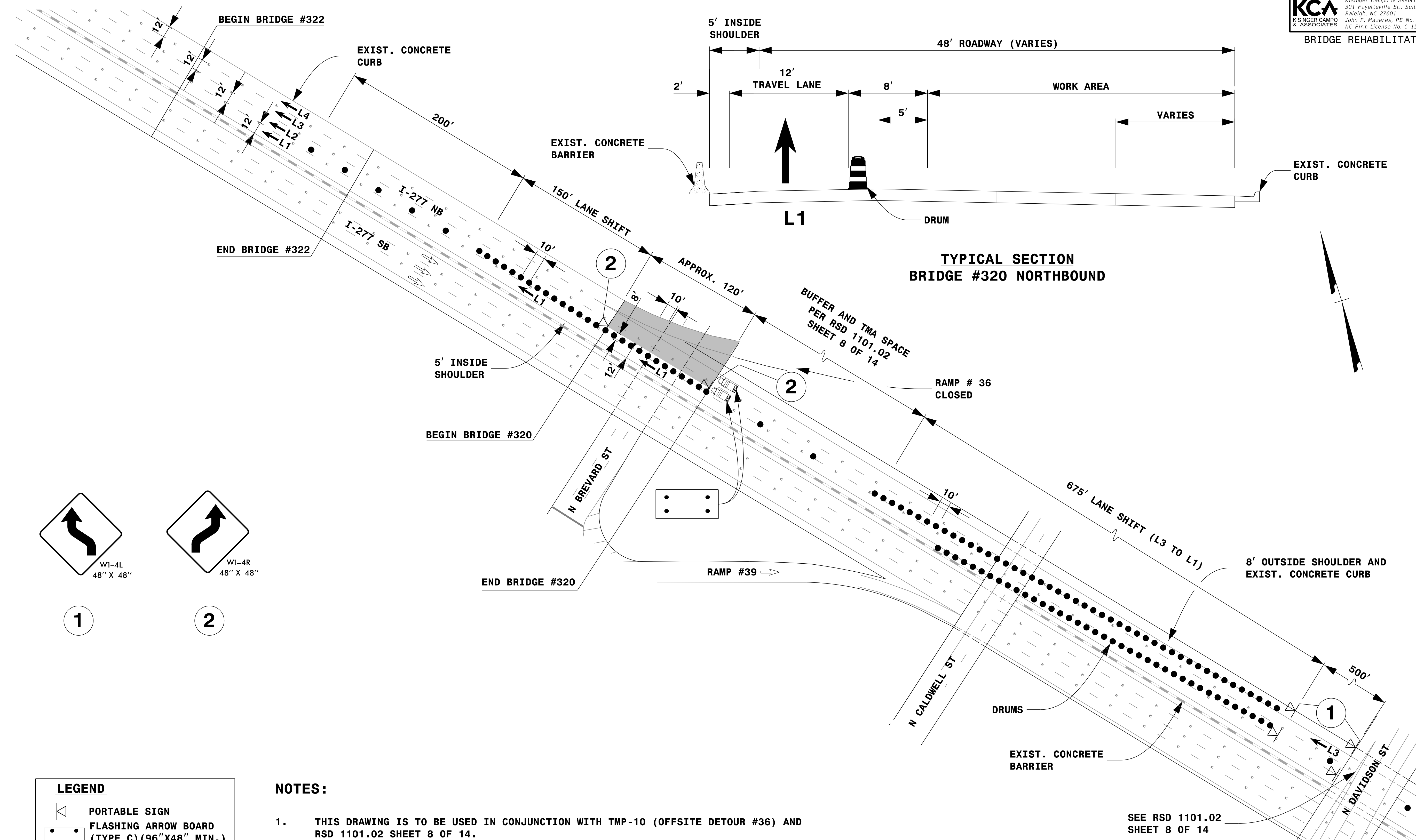
DocuSigned by

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 UNLESS ALL SIGNATURES COMPLETED



LANE CLOSURE DETAIL
 LOCATION C-1:
 BRIDGE #320
 NORTHBOUND
 (STEP 1 OF 2)

8/5/2021 2:00:37 PM I-5746CD-TMP-34-LANE CLOSURE DETAIL BRIDGE 320 NB STEP 1 OF 2.dgn
 User: jduke



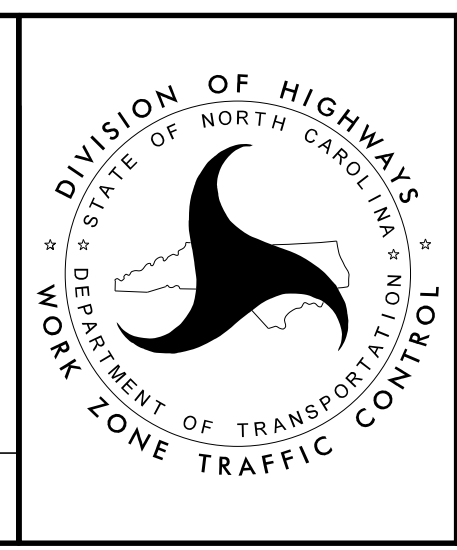
LEGEND	
	PORTABLE SIGN
	FLASHING ARROW BOARD (TYPE C) (96" X 48" MIN.) "CAUTION MODE"
	TRUCK MOUNTED ATTENUATOR (TMA)
	WORK AREA
	DIRECTION OF TRAFFIC FLOW
	TRAFFIC DRUM

- NOTES:**
1. THIS DRAWING IS TO BE USED IN CONJUNCTION WITH TMP-10 (OFFSITE DETOUR #36) AND RSD 1101.02 SHEET 8 OF 14.
 2. FOR ENTRANCE AND EXIT RAMPS SIGNING, REFER TO RSD 1101.01, DETAIL B & C.
 3. FOR ADDITIONAL NOTES, SEE RSD 1101.01, SHEET 2.
 4. SEE TMP-3 (BRIDGE REHABILITATION VICINITY MAP) FOR BRIDGE LOCATION.
 5. TRAFFIC CONTROL DEVICES ① AND ② SHALL BE INSTALLED PER ENGINEER'S INSTRUCTIONS.

SEE RSD 1101.02 SHEET 8 OF 14

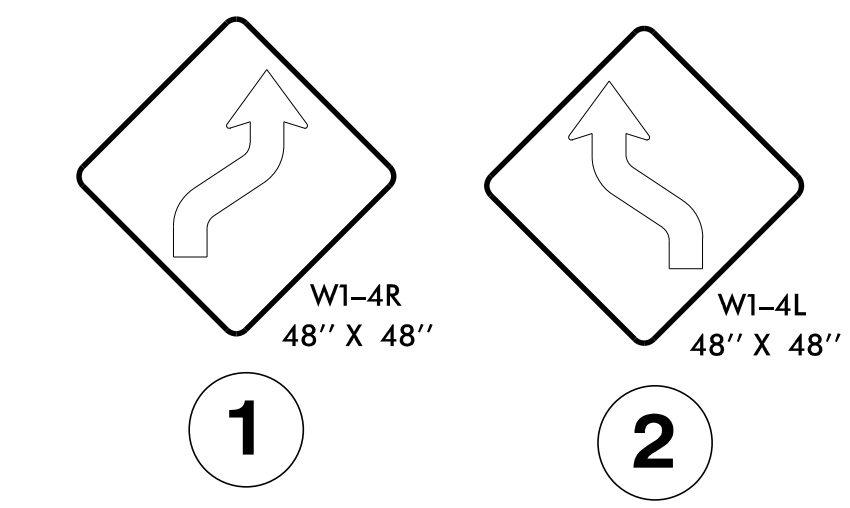
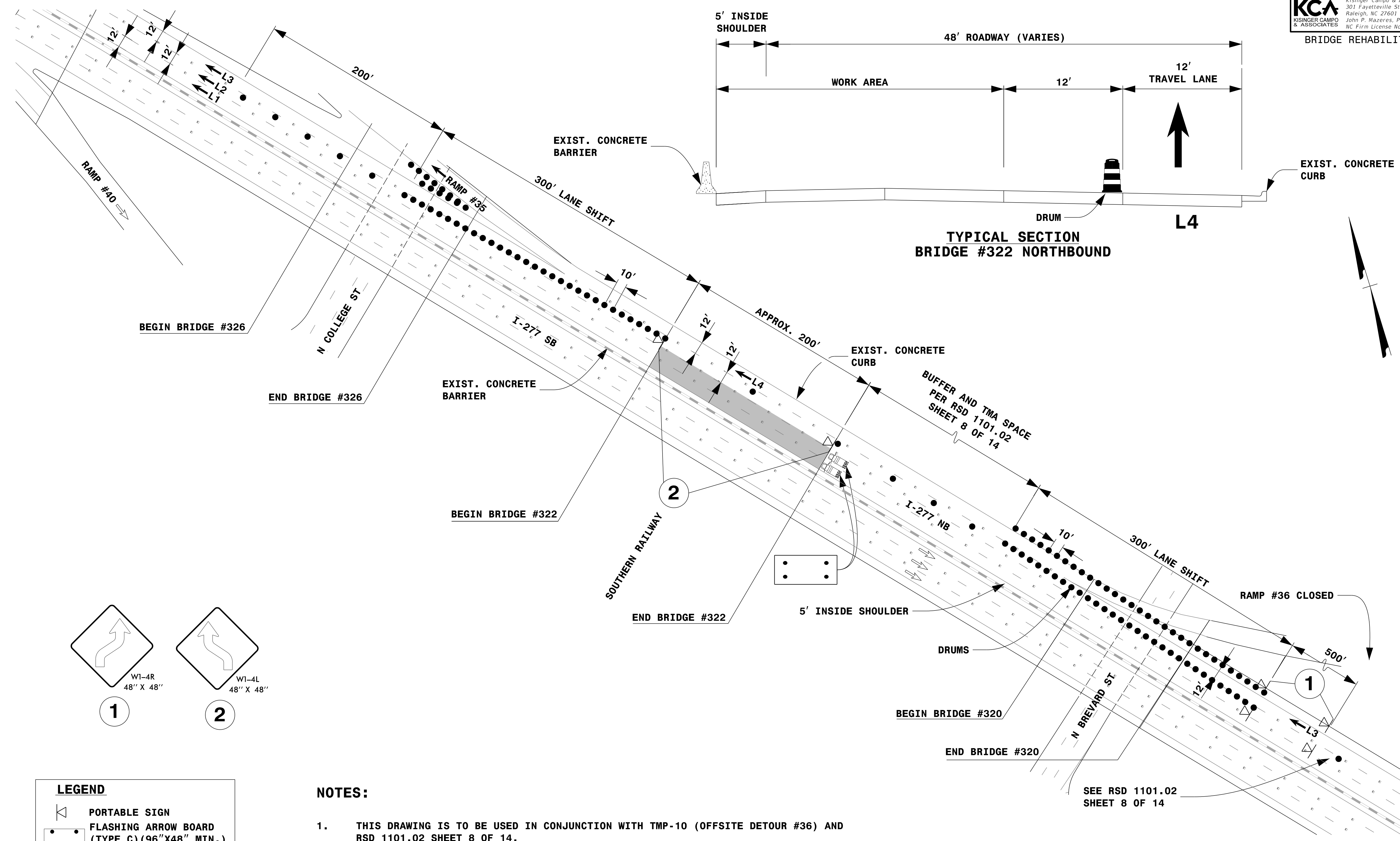
DocuSigned by:
John P. Mazeres, PE
SEAL 043935
ENGINEER
JOHN P. MAZERES
8/5/2021

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LANE CLOSURE DETAIL
LOCATION C-1:
BRIDGE #320
NORTHBOUND
(STEP 2 OF 2)

8/5/2021 2:00:38 PM I5746CD_TMP-35_LANE_CLOSURE_DETAIL_BRIDGE_320_NB_STEP_2_OF_2.dgn User:tduke



LEGEND

	PORTABLE SIGN
	FLASHING ARROW BOARD (TYPE C) (96" X 48" MIN.) "CAUTION MODE"
	TRUCK MOUNTED ATTENUATOR (TMA)
	WORK AREA
	DIRECTION OF TRAFFIC FLOW
	TRAFFIC DRUM

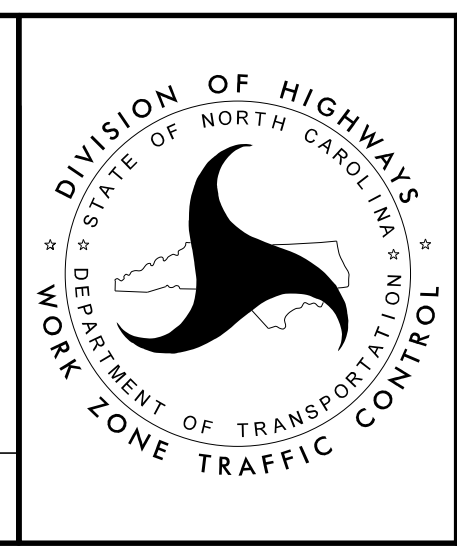
NOTES:

- THIS DRAWING IS TO BE USED IN CONJUNCTION WITH TMP-10 (OFFSITE DETOUR #36) AND RSD 1101.02 SHEET 8 OF 14.
- FOR ENTRANCE AND EXIT RAMP SIGNING, REFER TO RSD 1101.01, DETAIL B & C.
- FOR ADDITIONAL NOTES, SEE RSD 1101.01, SHEET 2.
- SEE TMP-3 (BRIDGE REHABILITATION VICINITY MAP) FOR BRIDGE LOCATION.
- TRAFFIC CONTROL DEVICES ① AND ② SHALL BE INSTALLED PER ENGINEER'S INSTRUCTIONS.

SEE RSD 1101.02 SHEET 8 OF 14

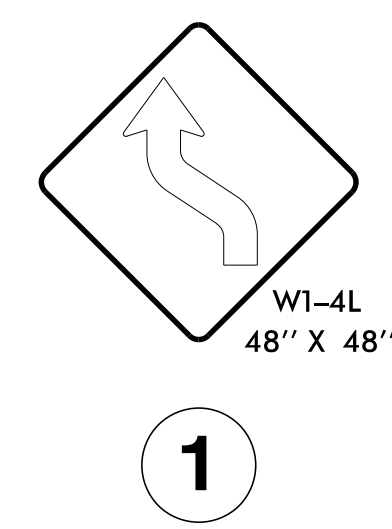
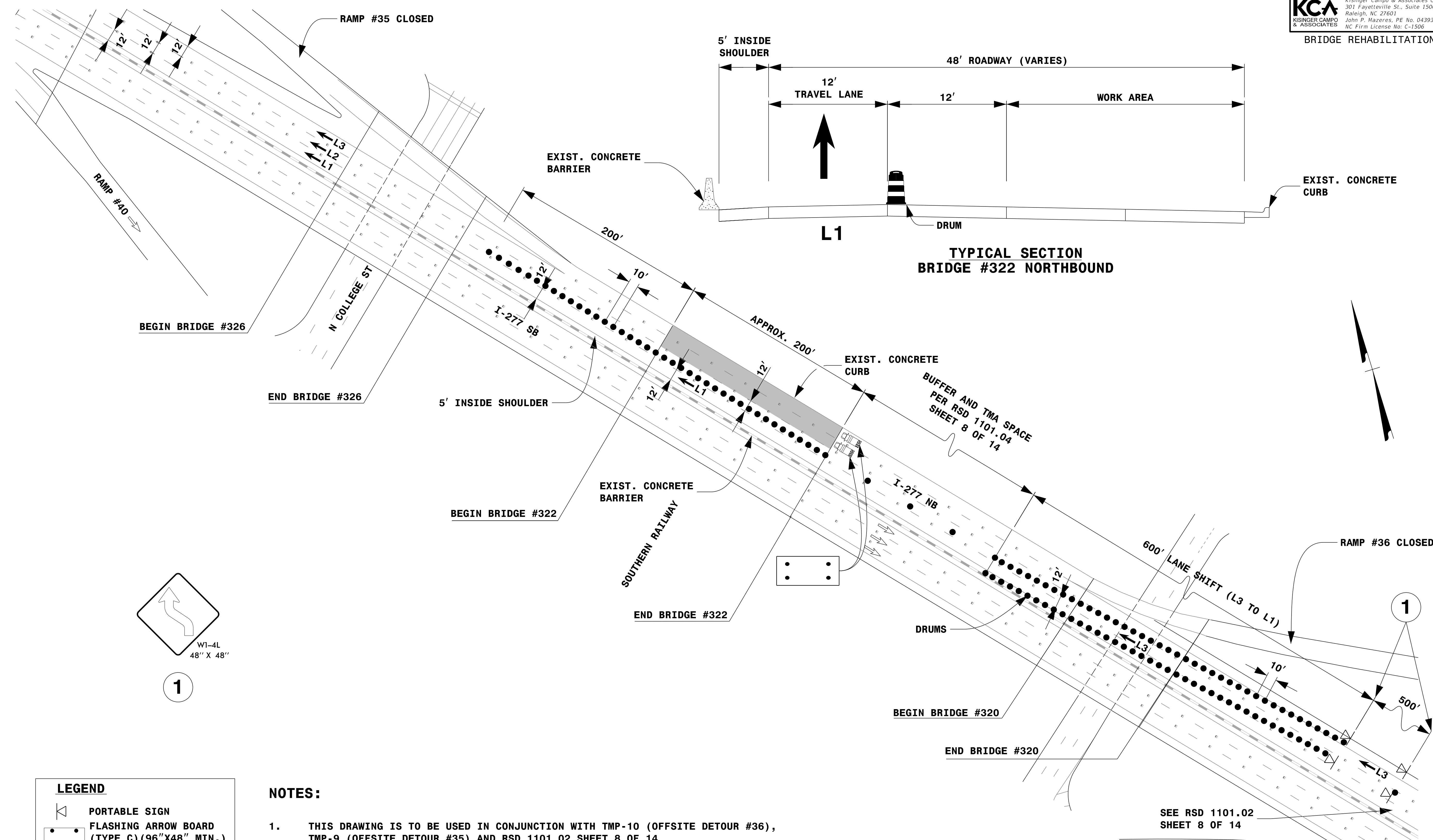
DocuSigned by:
John P. Mazeres, PE
Professional Engineer
SEAL
043935
ENGINEER
JOHN P. MAZERES
8/5/2021

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**LANE CLOSURE DETAIL
LOCATION C-2:
BRIDGE #322
NORTHBOUND
(STEP 1 OF 2)**

8/5/2021 2:00:39 PM I5746CD_TMP-36_LANE_CLOSURE_DETAIL_BRIDGE_322_NB_STEP_1OF_2.dgn User:tduke



LEGEND

	PORTABLE SIGN
	FLASHING ARROW BOARD (TYPE C) (96" X 48" MIN.) "CAUTION MODE"
	TRUCK MOUNTED ATTENUATOR (TMA)
	WORK AREA
	DIRECTION OF TRAFFIC FLOW
	TRAFFIC DRUM

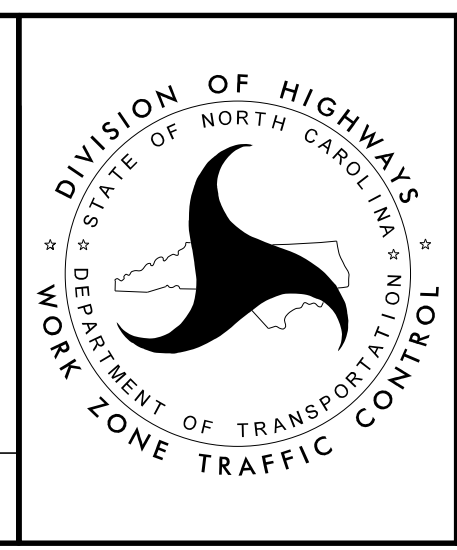
NOTES:

1. THIS DRAWING IS TO BE USED IN CONJUNCTION WITH TMP-10 (OFFSITE DETOUR #36), TMP-9 (OFFSITE DETOUR #35) AND RSD 1101.02 SHEET 8 OF 14.
2. FOR ENTRANCE AND EXIT RAMPS SIGNING, REFER TO RSD 1101.01, DETAIL B & C.
3. FOR ADDITIONAL NOTES, SEE RSD 1101.01, SHEET 2.
4. SEE TMP-3 (BRIDGE REHABILITATION VICINITY MAP) FOR BRIDGE LOCATION.
5. TRAFFIC CONTROL DEVICE ① SHALL BE INSTALLED PER ENGINEER'S INSTRUCTIONS.

SEE RSD 1101.02 SHEET 8 OF 14

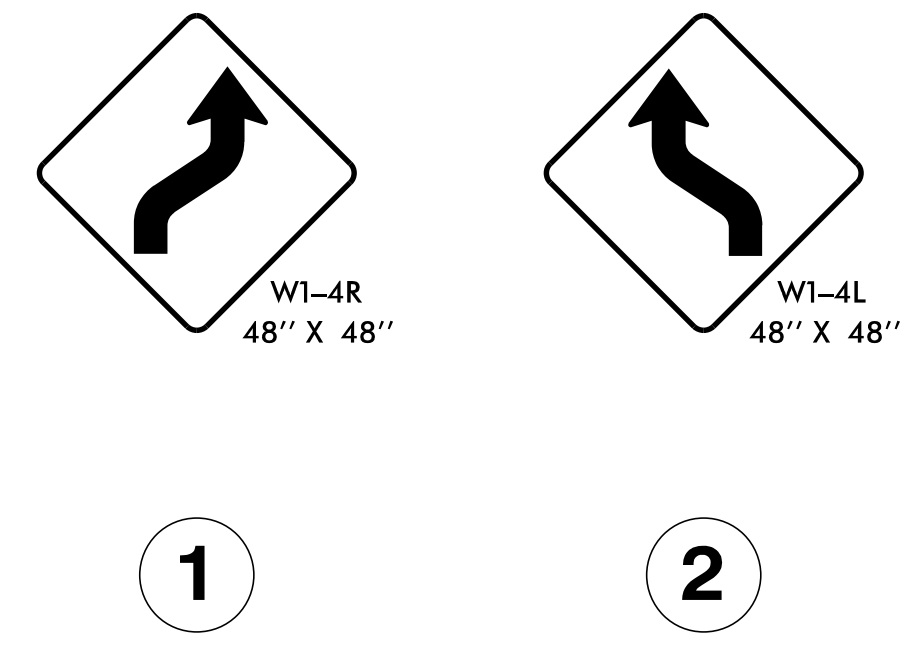
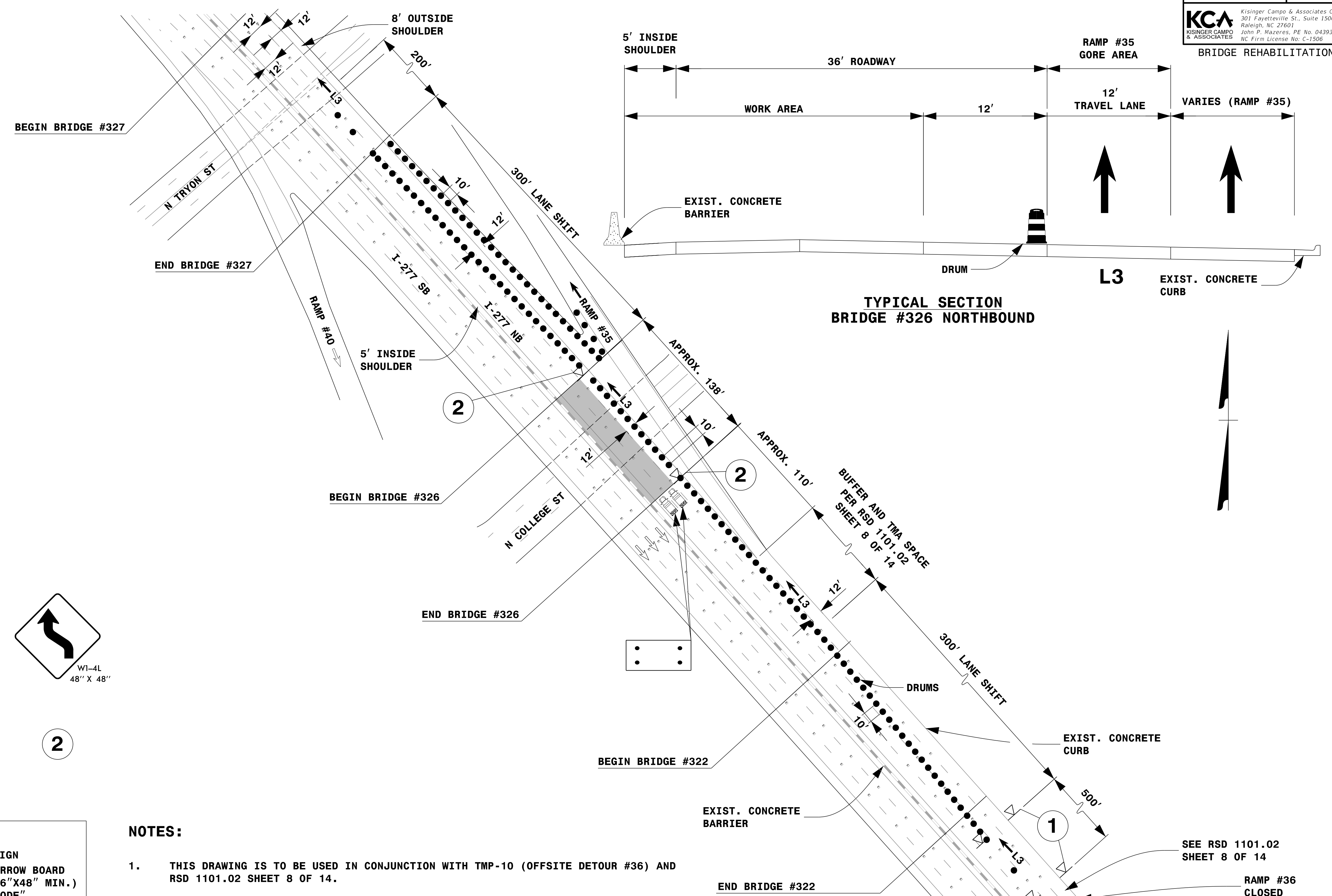
DocuSigned by:
 JOHN P. MAZERES
 PROFESSIONAL ENGINEER
 SEAL 043935
 8/5/2021

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**LANE CLOSURE DETAIL
 LOCATION C-2:
 BRIDGE #322
 NORTHBOUND
 (STEP 2 OF 2)**

8/5/2021 2:00:40 PM I5746CD_TMP-37_LANE_CLOSURE_DETAIL_BRIDGE_322_NB_STEP_2_OF_2.dgn User: jduke



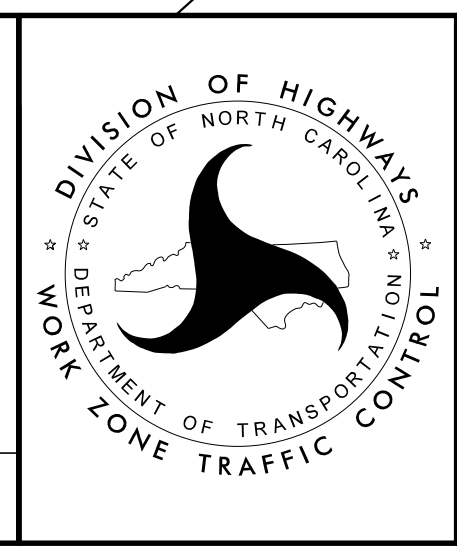
LEGEND

	PORTABLE SIGN
	FLASHING ARROW BOARD (TYPE C) (96"X48" MIN.) "CAUTION MODE"
	TRUCK MOUNTED ATTENUATOR (TMA)
	WORK AREA
	DIRECTION OF TRAFFIC FLOW
	TRAFFIC DRUM

- NOTES:**
- THIS DRAWING IS TO BE USED IN CONJUNCTION WITH TMP-10 (OFFSITE DETOUR #36) AND RSD 1101.02 SHEET 8 OF 14.
 - FOR ENTRANCE AND EXIT RAMP SIGNS, REFER TO RSD 1101.01, DETAIL B & C.
 - FOR ADDITIONAL NOTES, SEE RSD 1101.01, SHEET 2.
 - SEE TMP-3 (BRIDGE REHABILITATION VICINITY MAP) FOR BRIDGE LOCATION.
 - TRAFFIC CONTROL DEVICES **1** AND **2** SHALL BE INSTALLED PER ENGINEER'S INSTRUCTIONS.

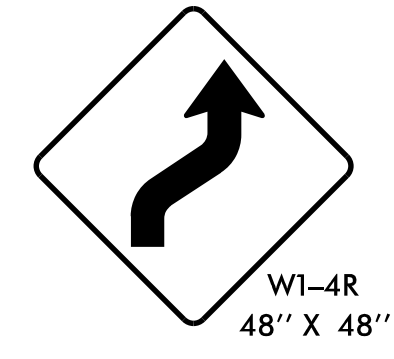
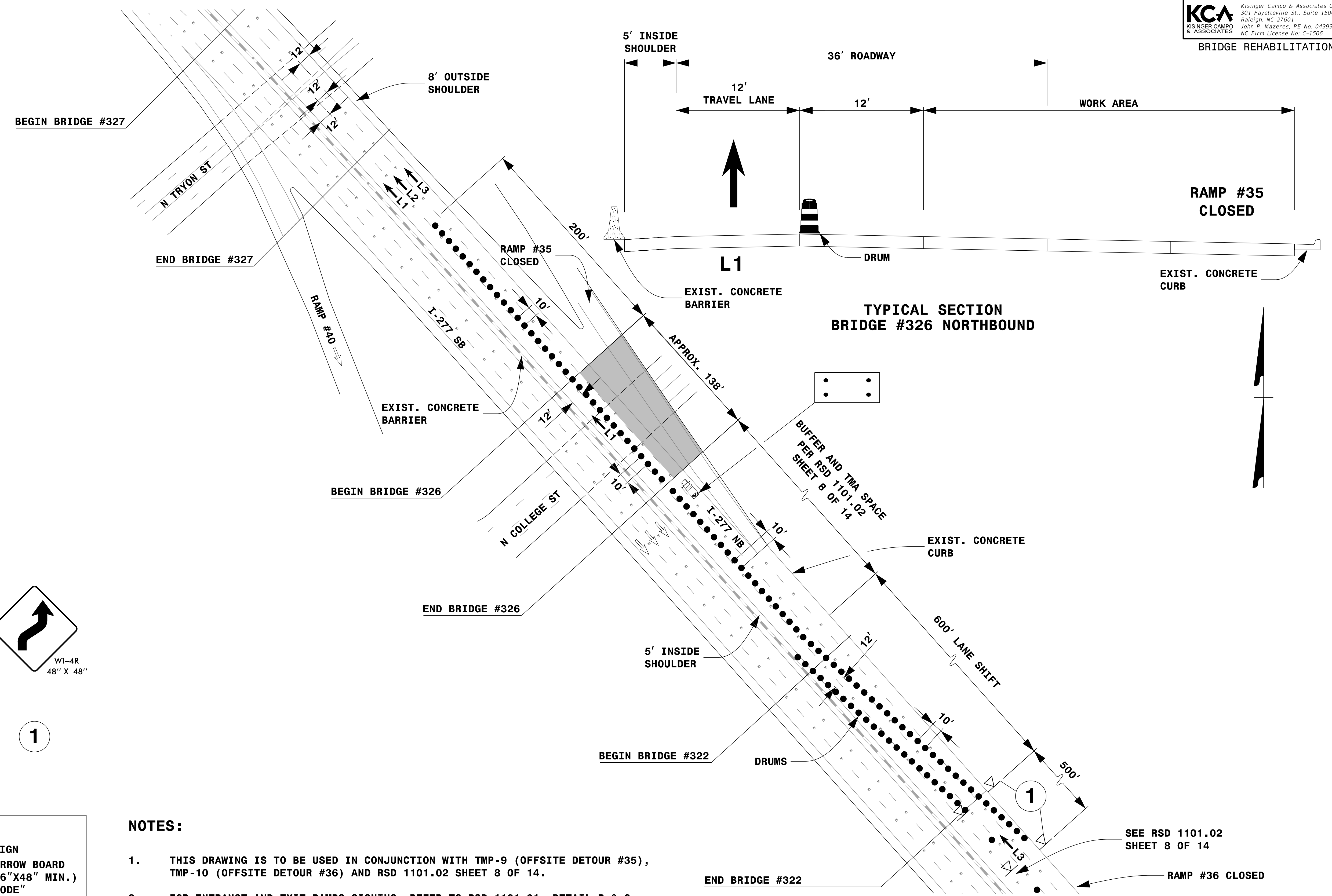
DocuSigned by
 JOHN P. MAZERES
 ENGINEER
 SEAL 043935
 8/5/2021

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LANE CLOSURE DETAIL LOCATION C-3: BRIDGE #326 NORTHBOUND (STEP 1 OF 2)

8/5/2021 2:00:41 PM I5746CD.TMP-38.LANE CLOSURE DETAIL BRIDGE 326 NB STEP 1 OF 2.dgn User:jduke



1

LEGEND

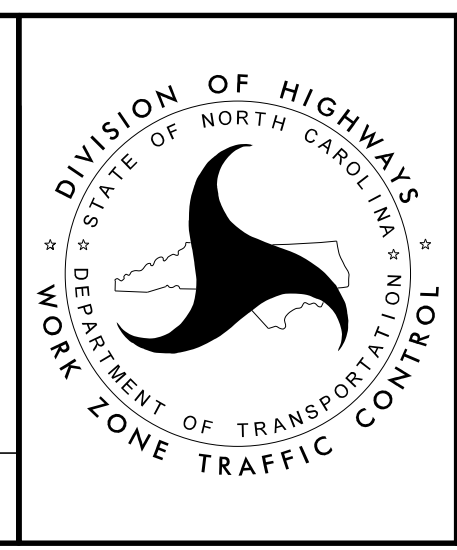
	PORTABLE SIGN
	FLASHING ARROW BOARD (TYPE C) (96"X48" MIN.) "CAUTION MODE"
	TRUCK MOUNTED ATTENUATOR (TMA)
	WORK AREA
	DIRECTION OF TRAFFIC FLOW
	TRAFFIC DRUM

NOTES:

- THIS DRAWING IS TO BE USED IN CONJUNCTION WITH TMP-9 (OFFSITE DETOUR #35), TMP-10 (OFFSITE DETOUR #36) AND RSD 1101.02 SHEET 8 OF 14.
- FOR ENTRANCE AND EXIT RAMP SIGNS, REFER TO RSD 1101.01, DETAIL B & C.
- FOR ADDITIONAL NOTES, SEE RSD 1101.01, SHEET 2.
- SEE TMP-3 (BRIDGE REHABILITATION VICINITY MAP) FOR BRIDGE LOCATION.
- TRAFFIC CONTROL DEVICE ① SHALL BE INSTALLED PER ENGINEER'S INSTRUCTIONS.

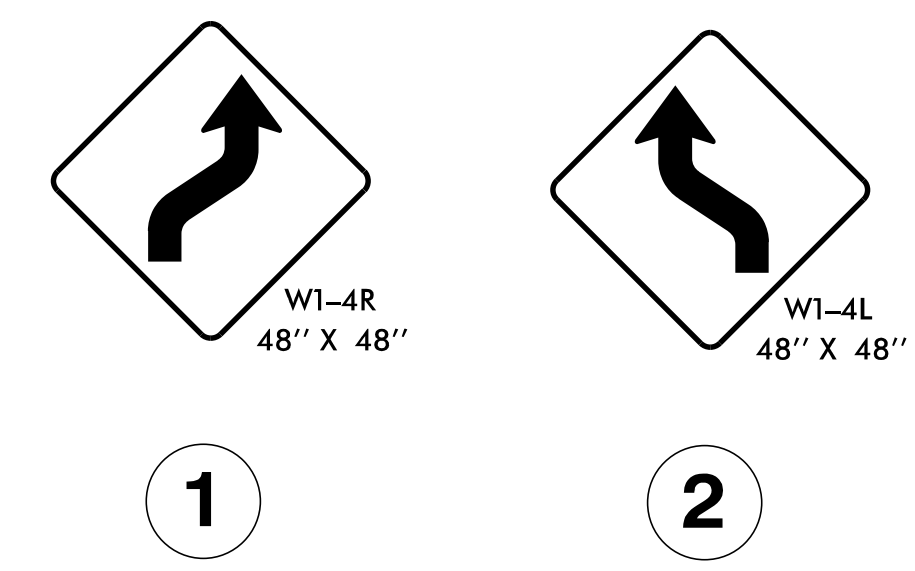
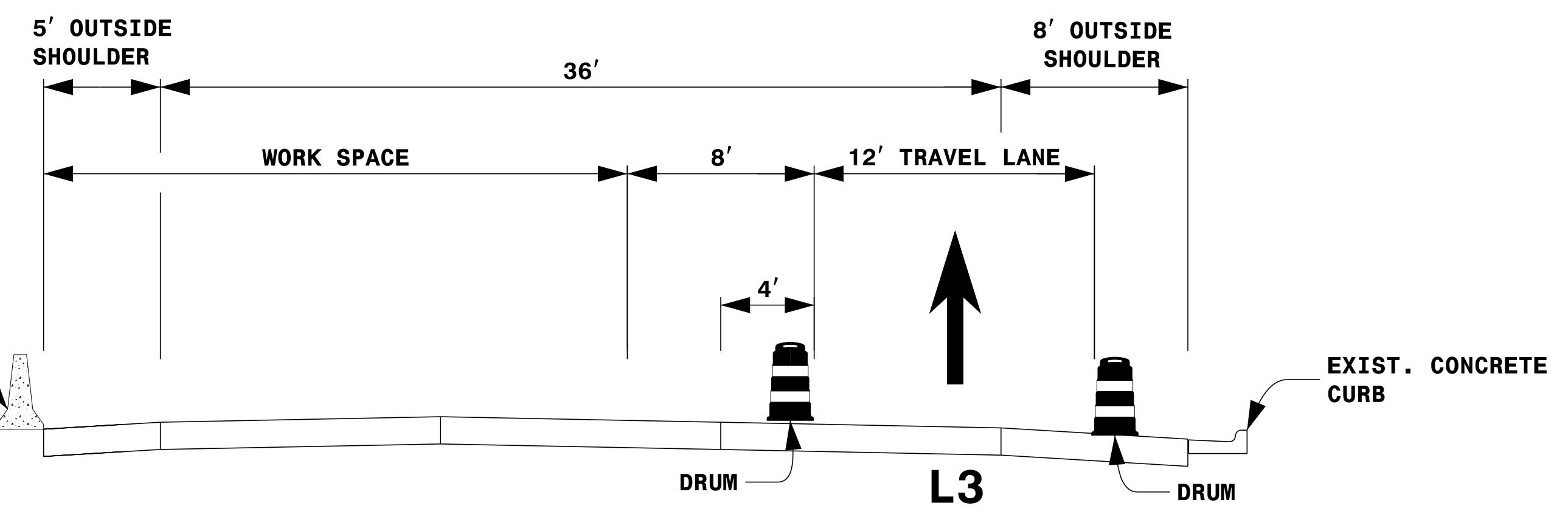
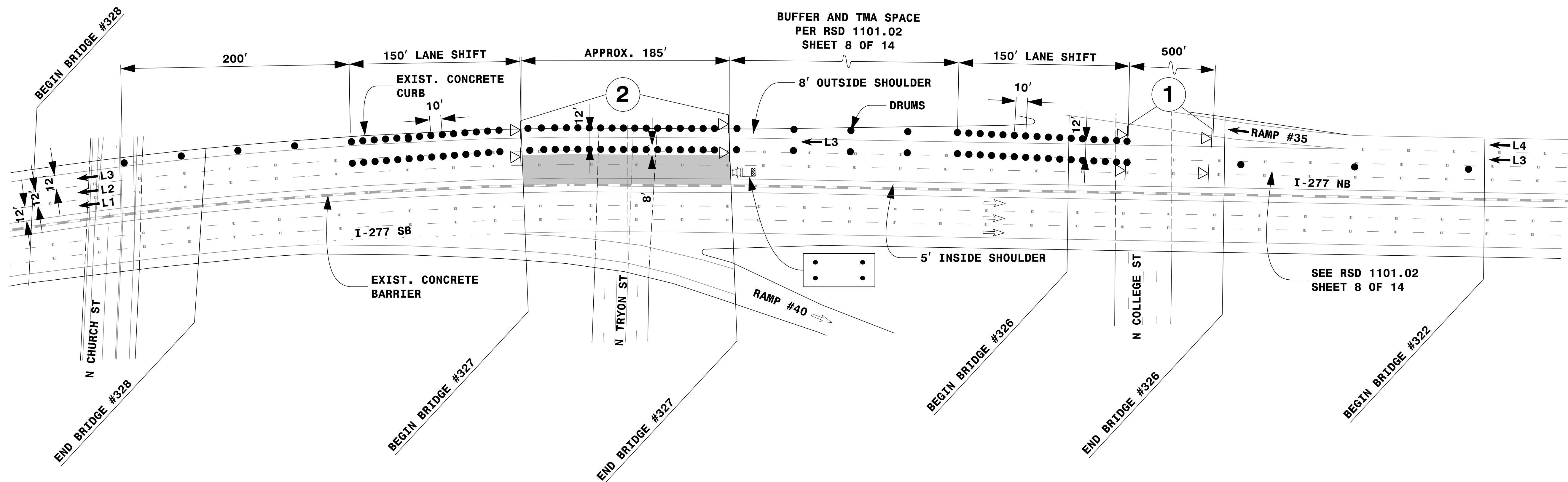
DocuSigned by
John P. Mazeres
SEAL
043935
ENGINEER
JOHN P. MAZERES
8/5/2021

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UNLESS ALL SIGNATURES COMPLETED



**LANE CLOSURE DETAIL
LOCATION C-3:
BRIDGE #326
NORTHBOUND
(STEP 2 OF 2)**

8/5/2021 2:00:42 PM I5746CD_TMP-39_LANE_CLOSURE_DETAIL_BRIDGE_326_NB_STEP_2_OF_2.dgn User: jduke



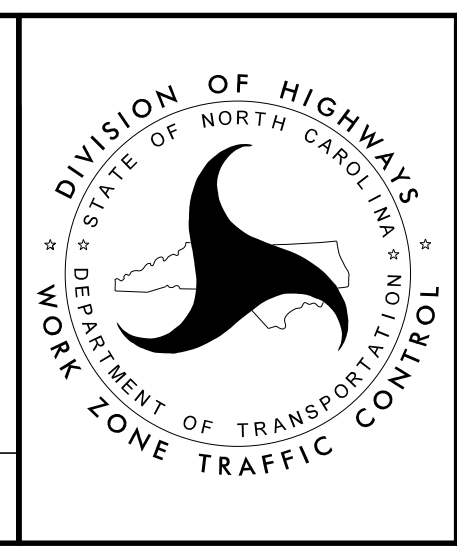
LEGEND

	PORTABLE SIGN
	FLASHING ARROW BOARD (TYPE C) (96" X 48" MIN.) "CAUTION MODE"
	TRUCK MOUNTED ATTENUATOR (TMA)
	DIRECTION OF TRAFFIC FLOW
	TRAFFIC DRUM

- NOTES:**
- THIS DRAWING IS TO BE USED IN CONJUNCTION WITH RSD 1101.02 SHEET 8 OF 14.
 - FOR ENTRANCE AND EXIT RAMP SIGNING, REFER TO RSD 1101.01, DETAIL B & C.
 - FOR ADDITIONAL NOTES, SEE RSD 1101.01, SHEET 2.
 - SEE TMP-3 (BRIDGE REHABILITATION VICINITY MAP) FOR BRIDGE LOCATION.
 - TRAFFIC CONTROL DEVICES (1) AND (2) SHALL BE INSTALLED PER ENGINEER'S INSTRUCTIONS.

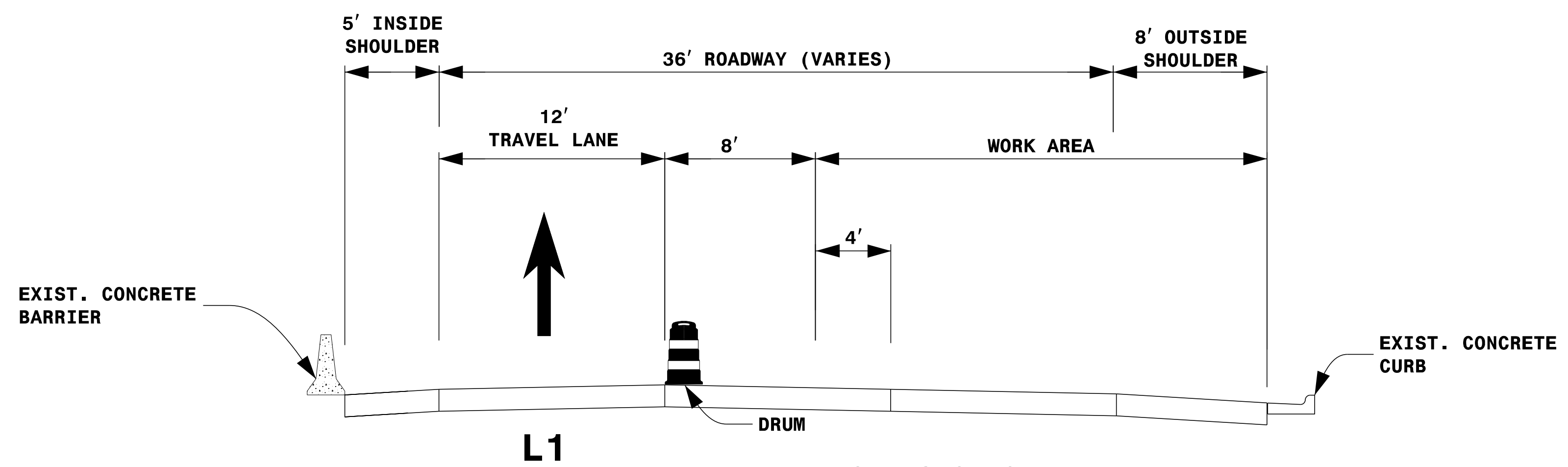
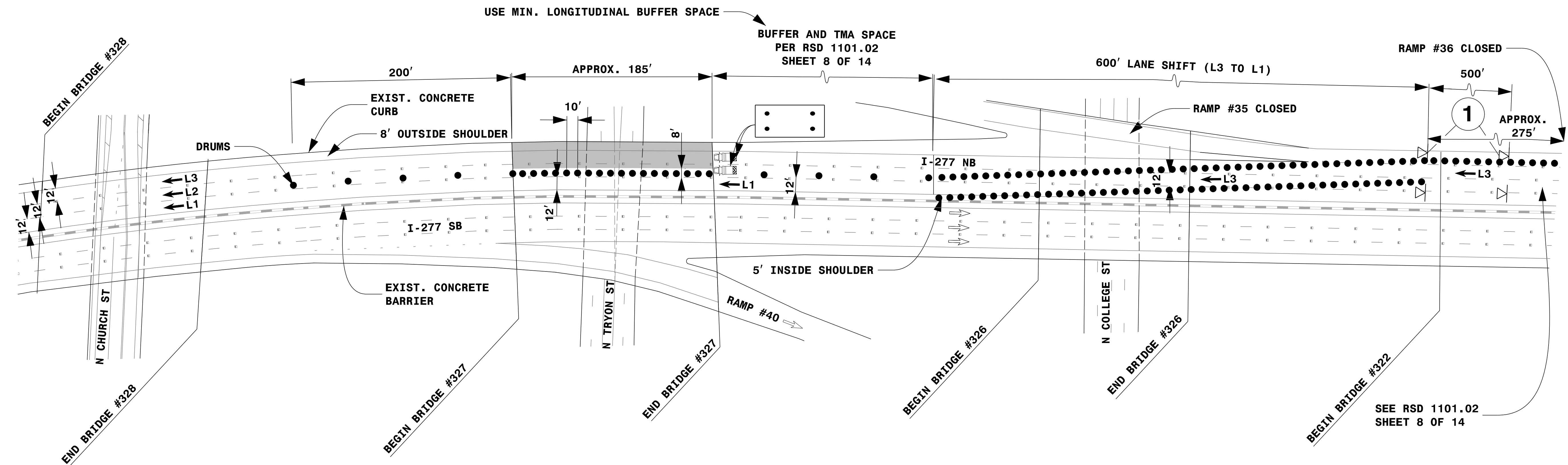
DocuSigned by:
 JOHN P. MAZERES
 PROFESSIONAL ENGINEER
 SEAL 043935
 8/5/2021

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 UNLESS ALL SIGNATURES COMPLETED



**LANE CLOSURE DETAIL
 LOCATION C-4:
 BRIDGE #327
 NORTHBOUND
 (STEP 1 OF 2)**

8/5/2021
 200.43.15746CD_TMP-40_LANE_CLOSURE_DETAIL_BRIDGE_327_NB_STEP_1_OF_2.dgn
 User: jduke

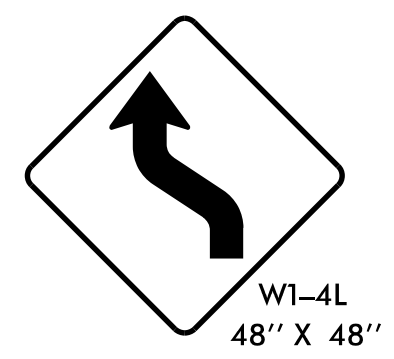


**TYPICAL SECTION
BRIDGE #327 NORTHBOUND**

LEGEND	
	PORTABLE SIGN
	FLASHING ARROW BOARD (TYPE C) (96"X48" MIN.) "CAUTION MODE"
	TRUCK MOUNTED ATTENUATOR (TMA)
	WORK AREA
	DIRECTION OF TRAFFIC FLOW
	TRAFFIC DRUM

NOTES:

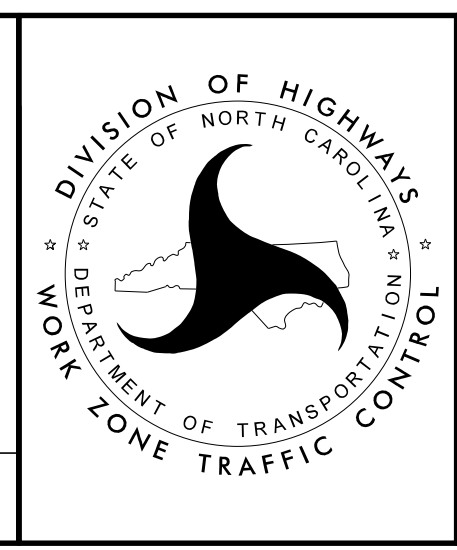
- THIS DRAWING IS TO BE USED IN CONJUNCTION WITH TMP-9 (OFFSITE DETOUR #35), TMP-10 (OFFSITE DETOUR #36) AND RSD 1101.02 SHEET 8 OF 14.
- FOR ENTRANCE AND EXIT RAMPS SIGNING, REFER TO RSD 1101.01, DETAIL B & C.
- FOR ADDITIONAL NOTES, SEE RSD 1101.01, SHEET 2.
- SEE TMP-3 (BRIDGE REHABILITATION VICINITY MAP) FOR BRIDGE LOCATION.
- TRAFFIC CONTROL DEVICE (1) SHALL BE INSTALLED PER ENGINEER'S INSTRUCTIONS.



1

DocuSigned by:
 John P. Mazeres, PE
 PROFESSIONAL ENGINEER
 SEAL 043935
 JOHN P. MAZERES
 8/5/2021

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UNLESS ALL SIGNATURES COMPLETED**



**LANE CLOSURE DETAIL
LOCATION C-4:
BRIDGE #327
NORTHBOUND
(STEP 2 OF 2)**

8/5/2021 2:00:44 PM I:\5746CD_TMP-41_LANE_CLOSURE_DETAIL_BRIDGE_327_NB_STEP_2_OF_2.dgn User:tduke