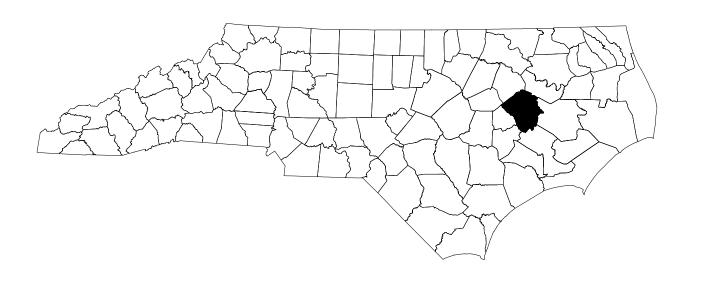
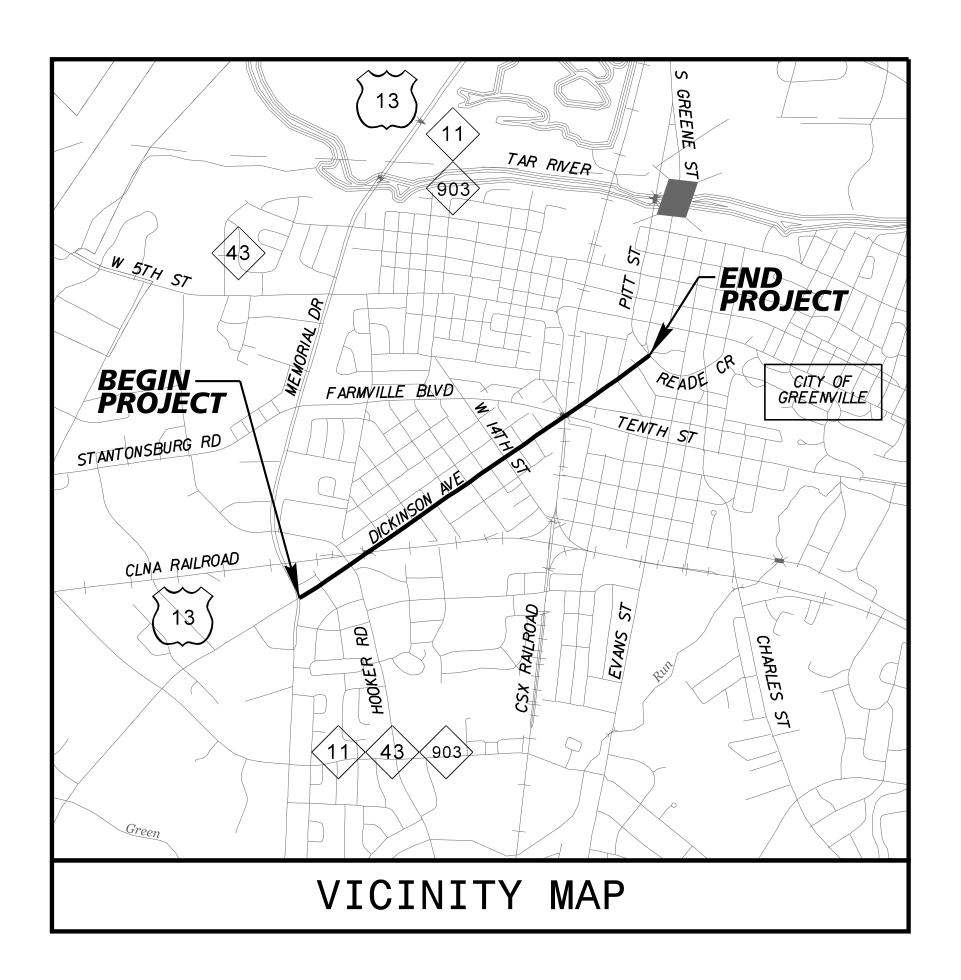
# STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

# TRANSPORTATION MANAGEMENT PLAN

# PITT COUNTY





# WORK ZONE SAFETY & MOBILITY "from the MOUNTAINS to the COAST"

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

TRAFFIC CONTROL DESIGN ENGINEER

J.E. HUMMER, P.E. STATE TRAFFIC MANAGEMENT ENGINEER

KEN THORNEWELL, P.E. TRAFFIC CONTROL PROJECT ENGINEER

SPENCER JENNINGS TRAFFIC CONTROL PROJECT DESIGN ENGINEER

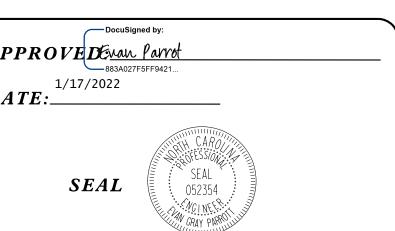
# INDEX OF SHEETS

SHEET NO.	<u>TITLE</u>
TMP - 1	TITLE SHEET, VICINITY MAP AND INDEX OF SHEETS
TMP-1A	LIST OF APPLICABLE ROADWAY STANDARD DRAWINGS, LEGEND AND MANAGEMENT STRATEGIES
TMP-1B	TRANSPORTATION OPERATIONS PLAN: (GENERAL AND LOCAL NOTES)
TMP-2A - 2B	SIGN DESIGN
TMP-2C	SECTION OVERVIEW
TMP-2D	CROSSWALK CLOSURES AND PEDESTRIAN DETOURS
TMP-2E	TYP. SIDEWALK ACCESSIBILTIY STEP 1
TMP-2F	TYP. SIDEWALK ACCESSIBILTIY STEP 2
TMP-3A - 3D	PHASING
TMP - 4	THRU-TRAFFIC DETOUR
TMP-5	DETOUR - DRAINAGE INSTALLTION ON HOOKER RD
TMP-6	SECTION 1 LOCAL TRAFFIC DETOUR
TMP-7	DICKINSON AVE/MOYE BLVD-HOOKER RD INTERSECTION DETOUR
TMP-8	SECTION 2 CLOSURE
TMP-9	SECTION 3 CLOSURE
TMP - 10	SECTION 4 CLOSURE
TMP - 11	DICKINSON AVE/14TH ST INTERSECTION DETOUR
TMP-12	SECTION 5A DETOUR
TMP-13	SECTION 5B DETOUR
TMP-14	SECTION 6 DETOUR
TMP-15	SECTION 7 CLOSURE
TMP-16	DICKINSON AVE/READE CIR INTERSECTION DETOUR

# **Kimley** » Horn

EVAN G. PARROTT, P.E. TRAFFIC CONTROL PROJECT ENGINEER TRAFFIC CONTROL PROJECT DESIGN ENGINEER

12/07/2021 DATE SUBMITTED	APP
SUBMITTAL:  STAGING CONCEPT	DAT
MIDPOINT PRE-FINAL	
DO NOT USE FOR CONSTRUCTION	



SHEET NO.

TMP-1

5606

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.	<u>TITLE</u>		
1101.01 1101.02	WORK ZONE ADVANCE WARNING SIGNS 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	DRUM		
1135.01	CONES		
1145.01	BARRICADES		
1150.01	FLAGGING DEVICES		
1160.01	TEMPORARY CRASH CUSHION		
1165.01	WORK VEHICLE LIGHTING SYSTEMS AND TMA DELINEATION		
1170.01	POSITIVE PROTECTION		
1180.01	SKINNY-DRUM		
1205.01	PAVEMENT MARKINGS - LINE TYPES AND OFFSETS		
1205.02	PAVEMENT MARKINGS - TWO-LANE AND MULTI-LANE ROADWAYS		
1205.03	PAVEMENT MARKINGS - EXITS AND ENTRANCE RAMPS		
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		
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		

# MANAGEMENT STRATEGIES

OBJECT MARKERS - INSTALLATION

THIS PROJECT IS SUBDIVIDED INTO 7 SECTIONS. ALL SECTIONS WILL BE BUILT UNDER SEPARATE ICTS USING ROAD CLOSURES AND OFFSITE DETOURS. CONSTRUCTION OF SECTIONS 7 AT READE CIRCLE TAKE PRIORITY. CONSTRUCTION OF SECTION 6 SHALL NOT OCCUR UNTIL THE DATE OF AVAILIBILITY STATED IN THE SECTION 6 PHASING NOTES. THE ORDER OF THE REMAINING SECTIONS MAY BE CONSTRUCTED AT THE DIRECTION OF THE ENGINEER. MORE THAN ONE SECTION MAY BE CONSTRUCTED AT A TIME AS DEFINED IN THE PHASING OR AT THE DIRECTION OF THE ENGINEER.

	SHEET NO.	
U-5606 T	MP-1A	

# **LEGEND**

### GENERAL

DIRECTION OF TRAFFIC FLOW

DIRECTION OF PEDESTRIAN TRAFFIC FLOW

----- EXIST. PVMT.

───── NORTH ARROW

— PROPOSED PVMT.

TEMP. SHORING (LOCATION PURPOSES ONLY)

WORK AREA

SIGNALS

EXISTING

REMOVAL

PAVEMENT MARKINGS

——EXISTING LINES

——TEMPORARY LINES

— STATIONARY SIGN

O PORTABLE SIGN

TEMPORARY SIGNING

STATIONARY OR PORTABLE SIGN

TRAFFIC CONTROL DEVICES

FLASHING ARROW BOARD

LAW ENFORCEMENT

FLAGGER

BARRICADE (TYPE III)

TEMPORARY CRASH CUSHION

CHANGEABLE MESSAGE SIGN

TRUCK MOUNTED ATTENUATOR (TMA)

DRUM ⊚ SKINNY DRUM ⊚ TUBULAR MARKER

### PAVEMENT MARKERS

CRYSTAL/CRYSTAL

CRYSTAL/RED

YELLOW/YELLOW

### PAVEMENT MARKING SYMBOLS

PAVEMENT MARKING SYMBOLS

# TEMPORARY PAVEMENT MARKING

PAINT 24"

WHITE STOPBAR

PAINT 4"

WHITE SOLID LANE LINE

10 FT. WHITE SKIP

3 FT.-9 FT./SP WHITE MINISKIP

2 FT.-6 FT./SP WHITE MINISKIP

YELLOW EDGELINE

YELLOW SINGLE CENTER

10 FT. YELLOW SKIP YELLOW DOUBLE CENTER

PAINT 8"

WHITE GORELINE

WHITE DIAGONAL WHITE CROSSWALK LINE

# PAINT PAVEMENT MARKING SYMBOLS

LEFT TURN ARROW RIGHT TURN ARROW

STRAIGHT ARROW

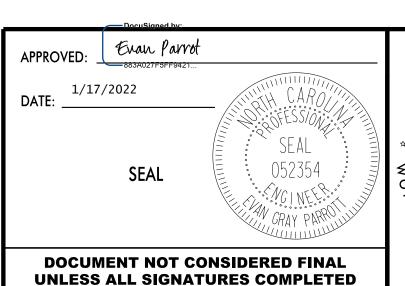
COMBO STRAIGHT/RIGHT ARROW

24" YIELD LINE TRIANGLE

COLD APPLIED PLASTIC 8"(TYPE 4 REMOVABLE TAPE)

WHITE CROSSWALK LINE

**Kimley** » Horn





ROADWAY STANDARD DRAWINGS, LEGEND & **MANAGEMENT** STRATEGIES

1264.02

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 UNDESIRED 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.

DAY AND TIME RESTRICTIONS

MONDAY - SUNDAY 6:00 A.M. - 7:00 P.M.

3:00 P.M. - 6:00 P.M.

#### TIME RESTRICTIONS

ROAD NAME

MEMORIAL DR

A) DO NOT CLOSE OR NARROW TRAVEL LANES AS FOLLOWS:

DICKINSON AVE

MONDAY - FRIDAY
7:00 A.M. - 9:00 A.M. AND
4:00 P.M. - 6:00 P.M.

14TH STREET
NON-SCHOOL DAYS (K-12)

MONDAY - FRIDAY
7:00 A.M. - 9:00 A.M. AND
AND
4:00 P.M. - 6:00 P.M.

MONDAY - FRIDAY
7:00 A.M. - 9:00 A.M. AND
AND
AND
AND
AND
AND

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

ROAD NAME

MEMORIAL DR MOYE BLVD HOOKER RD 14TH STREET READE CIR

### HOLIDAY

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

- 6. FOR LABOR DAY, BETWEEN THE HOURS OF 6:00 A.M. FRIDAY AND 6:00 P.M. TUESDAY.
- 7. FOR HALLOWEEN, BETWEEN THE HOURS OF 12:00 P.M. ON HALLOWEEN DAY AND 6:00 A.M. THE DAY AFTER HALLOWEEN.
- 8. FOR THANKSGIVING DAY, BETWEEN THE HOURS OF 6:00 A.M. TUESDAY TO 6:00 P.M. MONDAY.
- 9. FOR CHRISTMAS, BETWEEN THE HOURS OF 6:00 A.M. THE FRIDAY BEFORE THE WEEK OF CHRISTMAS DAY AND 6:00 P.M. THE FOLLOWING TUESDAY AFTER THE WEEK OF CHRISTMAS.
- 10. FOR HOME FOOTBALL GAMES AT DOWDY-FICKLEN STADIUM, FROM 12 HOURS PRIOR TO THE BEGINNING OF THE GAME UNTIL 12 HOURS FOLLOWING COMPLETION OF THE GAME.

# GENERAL NOTES

C) DO NOT CLOSE ROADS AS FOLLOWS:

ROAD NAME DAY AND TIME RESTRICTIONS

MEMORIAL DR 6:00 A.M. TO 9:00 P.M.

#### LANE AND SHOULDER CLOSURE REQUIREMENTS

- D) REMOVE LANE CLOSURE DEVICES FROM THE LANE WHEN WORK IS NOT BEING PERFORMED BEHIND THE LANE CLOSURE OR WHEN A LANE CLOSURE IS NO LONGER NEEDED OR AS DIRECTED BY THE ENGINEER.
- E) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING WITHIN 15 FT OF AN OPEN TRAVEL LANE, CLOSE THE NEAREST OPEN SHOULDER USING ROADWAY STANDARD DRAWING NO. 1101.04 UNLESS THE WORK AREA IS PROTECTED BY BARRIER OR GUARDRAIL OR A LANE CLOSURE IS INSTALLED.
- F) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING ON THE SHOULDER ADJACENT TO AN UNDIVIDED FACILITY AND WITHIN 5 FT OF AN OPEN TRAVEL LANE, CLOSE THE NEAREST OPEN TRAVEL LANE USING ROADWAY STANDARD DRAWING NO. 1101.02 UNLESS THE 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.

G) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING WITHIN A LANE OF TRAVEL OF AN UNDIVIDED OR DIVIDED FACILITY, CLOSE THE LANE ACCORDING TO THE TRAFFIC CONTROL PLANS, ROADWAY STANDARD DRAWINGS, OR AS DIRECTED BY THE ENGINEER. CONDUCT THE WORK SO THAT ALL PERSONNEL AND/OR EQUIPMENT REMAIN WITHIN THE CLOSED TRAVEL LANE.

#### PAVEMENT EDGE DROP OFF REQUIREMENTS

H) BACKFILL AT A 6:1 SLOPE UP TO THE EDGE AND ELEVATION OF EXISTING PAVEMENT IN AREAS ADJACENT TO AN OPENED TRAVEL LANE THAT HAS AN EDGE OF PAVEMENT DROP-OFF AS FOLLOWS:

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

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

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

I) DO NOT EXCEED A DIFFERENCE OF 2 INCHES IN ELEVATION BETWEEN OPEN LANES OF TRAFFIC FOR NOMINAL LIFTS OF 1.5 INCHES. INSTALL ADVANCE WARNING "UNEVEN LANES" SIGNS (W8-11) 100 FT IN ADVANCE AND A MINIMUM OF EVERY HALF MILE THROUGHOUT THE UNEVEN AREA.

#### TRAFFIC PATTERN ALTERATIONS

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

### SIGNING

- K) INSTALL ADVANCE WORK ZONE WARNING SIGNS WHEN WORK IS WITHIN 40 FT FROM THE EDGE OF TRAVEL LANE AND NO MORE THAN THREE (3) DAYS PRIOR TO THE BEGINNING OF CONSTRUCTION.
- ) PROVIDE SIGNING AND DEVICES REQUIRED TO CLOSE THE ROAD ACCORDING TO THE ROADWAY STANDARD DRAWINGS AND TRAFFIC CONTROL PLANS.

PROVIDE SIGNING REQUIRED FOR THE OFF-SITE DETOUR ROUTE AS SHOWN IN THE TRAFFIC CONTROL PLANS.

M) 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.

PROJ. REFERENCE NO. SHEET NO. TMP - 1B

- N) ENSURE ALL NECESSARY SIGNING IS IN PLACE PRIOR TO ALTERING ANY TRAFFIC PATTERN.
- O) INSTALL BLACK ON ORANGE "DIP" SIGNS (W8-2) AND/OR "BUMP" SIGNS (W8-1) 100 FT IN ADVANCE OF THE UNEVEN AREA, OR AS DIRECTED BY THE ENGINEER.

#### TRAFFIC CONTROL DEVICES

- P) 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.
- Q) PLACE TYPE III BARRICADES, WITH "ROAD CLOSED" SIGN R11-2 ATTACHED, OF SUFFICIENT LENGTH TO CLOSE ENTIRE ROADWAY.
- R) PLACE ADDITIONAL SETS OF THREE CHANNELIZING DEVICES DRUMS PERPENDICULAR TO THE EDGE OF TRAVELWAY ON 500 FT CENTERS WHEN UNOPENED LANES ARE CLOSED TO TRAFFIC.

#### PAVEMENT MARKINGS AND MARKERS

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

ROAD NAME MARKING MARKER

ALL ROADS PAINT TEMPORARY RAISED

- T) PLACE ONE APPLICATION OF PAINT FOR TEMPORARY TRAFFIC PATTERNS. PLACE A SECOND APPLICATION OF PAINT SIX (6) MONTHS AFTER THE INITIAL APPLICATION AND EVERY SIX MONTHS AS DIRECTED BY THE ENGINEER.
- U) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.
- V) REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKINGS AND MARKERS BY THE END OF EACH DAY'S OPERATION.

#### MISCELLANEOUS

- W) LAW ENFORCEMENT MAY BE USED TO MAINTAIN TRAFFIC THROUGH THE WORK AREA AND/OR INTERSECTIONS AS DIRECTED BY THE ENGINEER.
- IN THE EVENT A TIE-IN CANNOT BE MADE IN ONE DAY'S TIME, BRING THE TIE-IN AREA TO AN APPROPRIATE ROADWAY ELEVATION AS DETERMINED BY THE ENGINEER. PLACE BLACK ON ORANGE "LOOSE GRAVEL" SIGNS (W8-7) AND BLACK ON ORANGE "PAVEMENT ENDS" SIGNS (W8-3) 100 FT AND 200 FT RESPECTIVELY IN ADVANCE OF THE UNEVEN AREAS. USE DRUMS TO DELINEATE THE EDGE OF ROADWAY ALONG UNPAVED AREAS.
- Y) 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.)

#### LOCAL NOTES

- 1) COORDINATE WITH GREENVILLE AREA TRANSIT (252-329-4532) PRIOR TO AND DURING CONSTRUCTION REGARDING IMPACTS TO ANY EXISTING ROUTES AND STOPS.
- MAINTAIN EXISTING PEDESRIAN ROUTES DURING CONSTRUCTION. AT ALL POSSIBLE TIMES MAINTAIN EXISTING SIDEWALK UNTIL NEW SIDEWALK IS IN PLACE USING PEDESTRIAN CHANNELIZING DEVICES AS NEEDED TO PROTECT PEDESTRIANS FROM THE WORK AREA.

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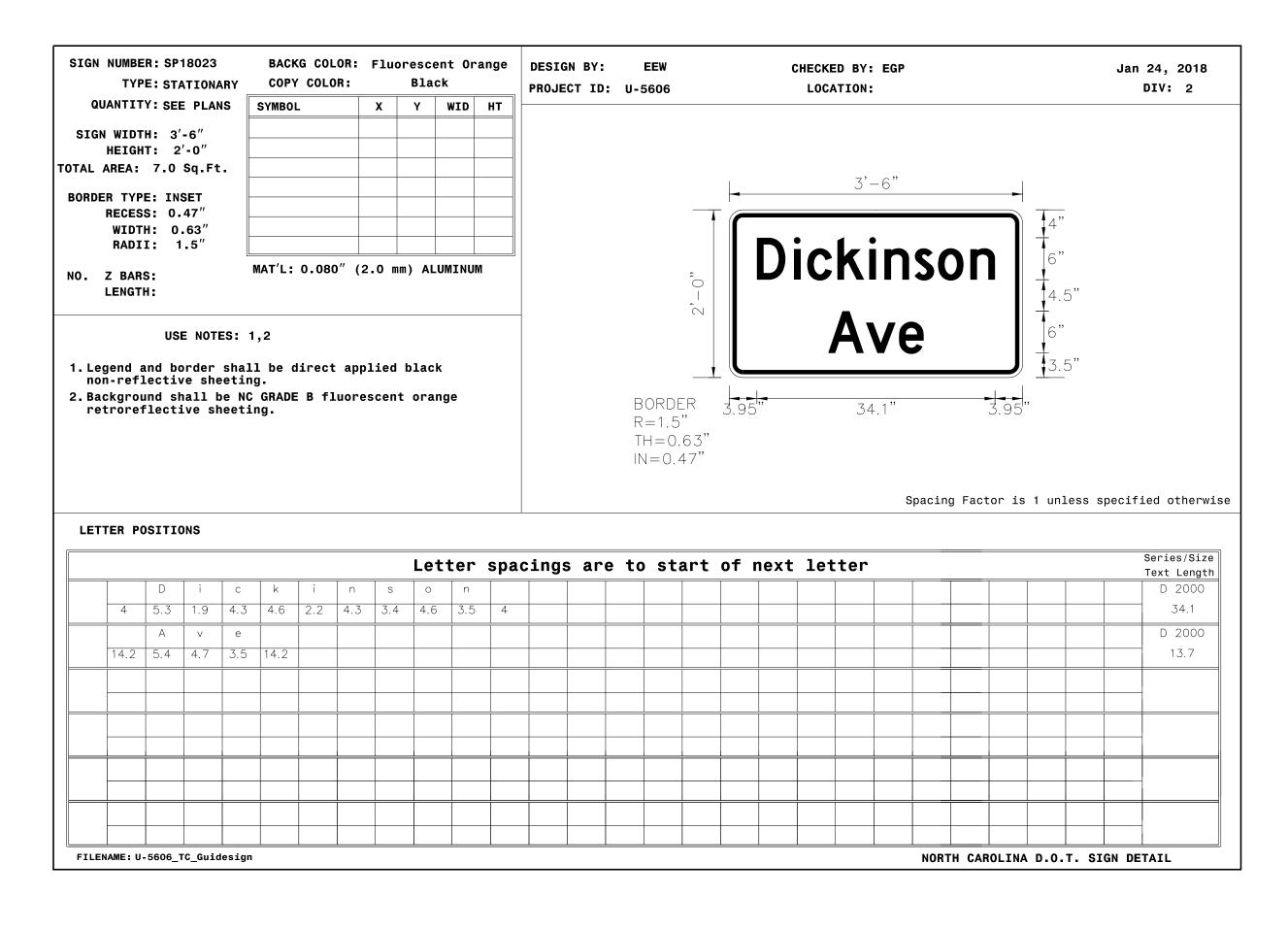


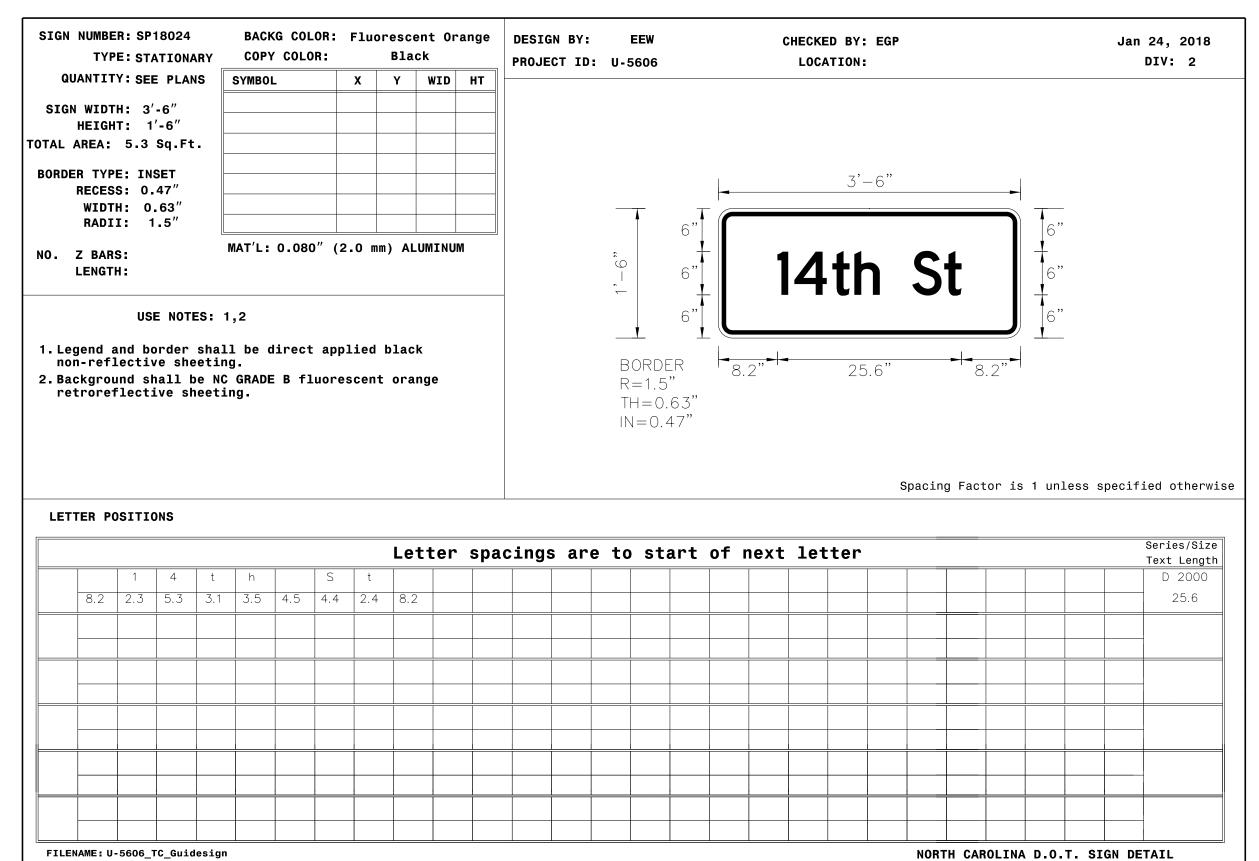
**UNLESS ALL SIGNATURES COMPLETED** 

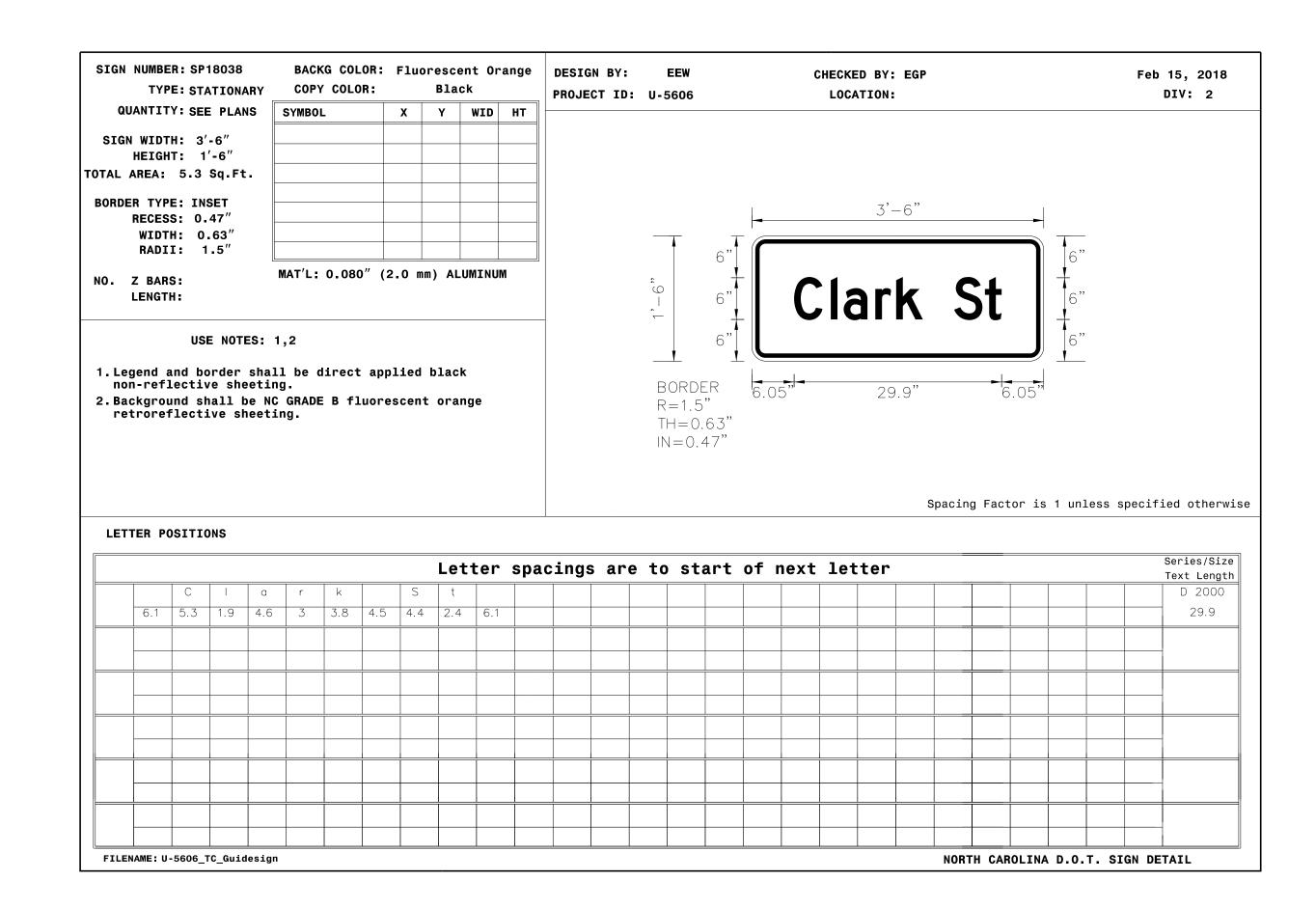


TRANSPORTATION OPERATIONS PLAN

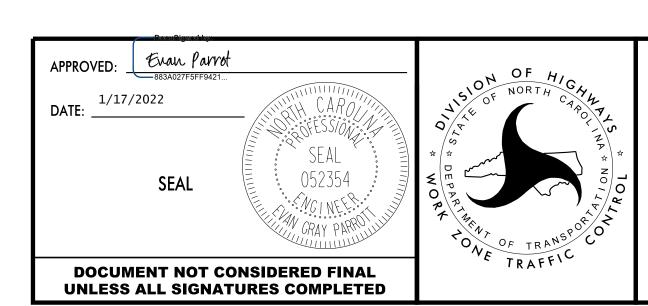
K:\RAL\_Roadway\0||036243 - U-5606 Dickinson Avenue\Traffic\TrafficContro\\TCP\U-5606\_







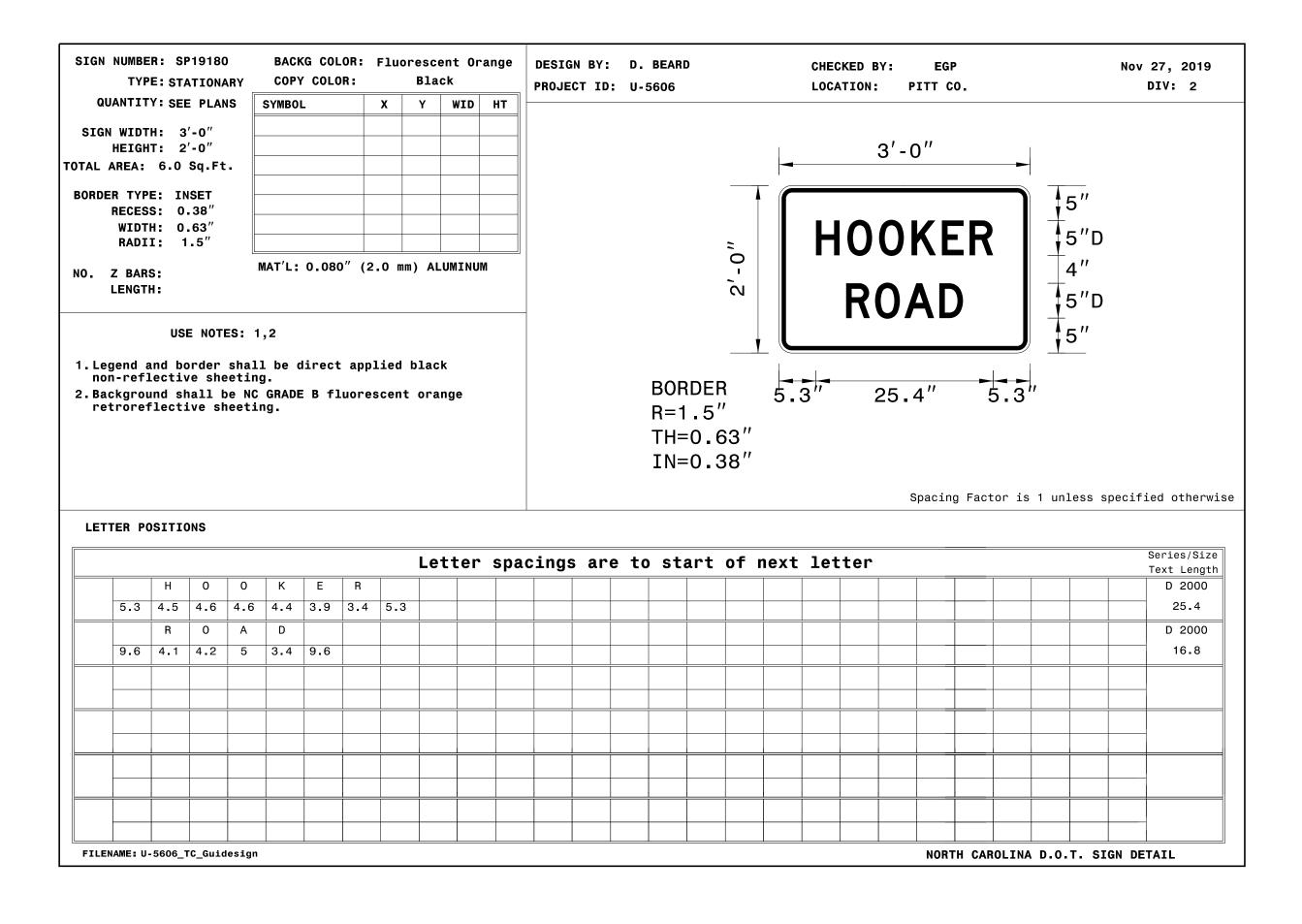
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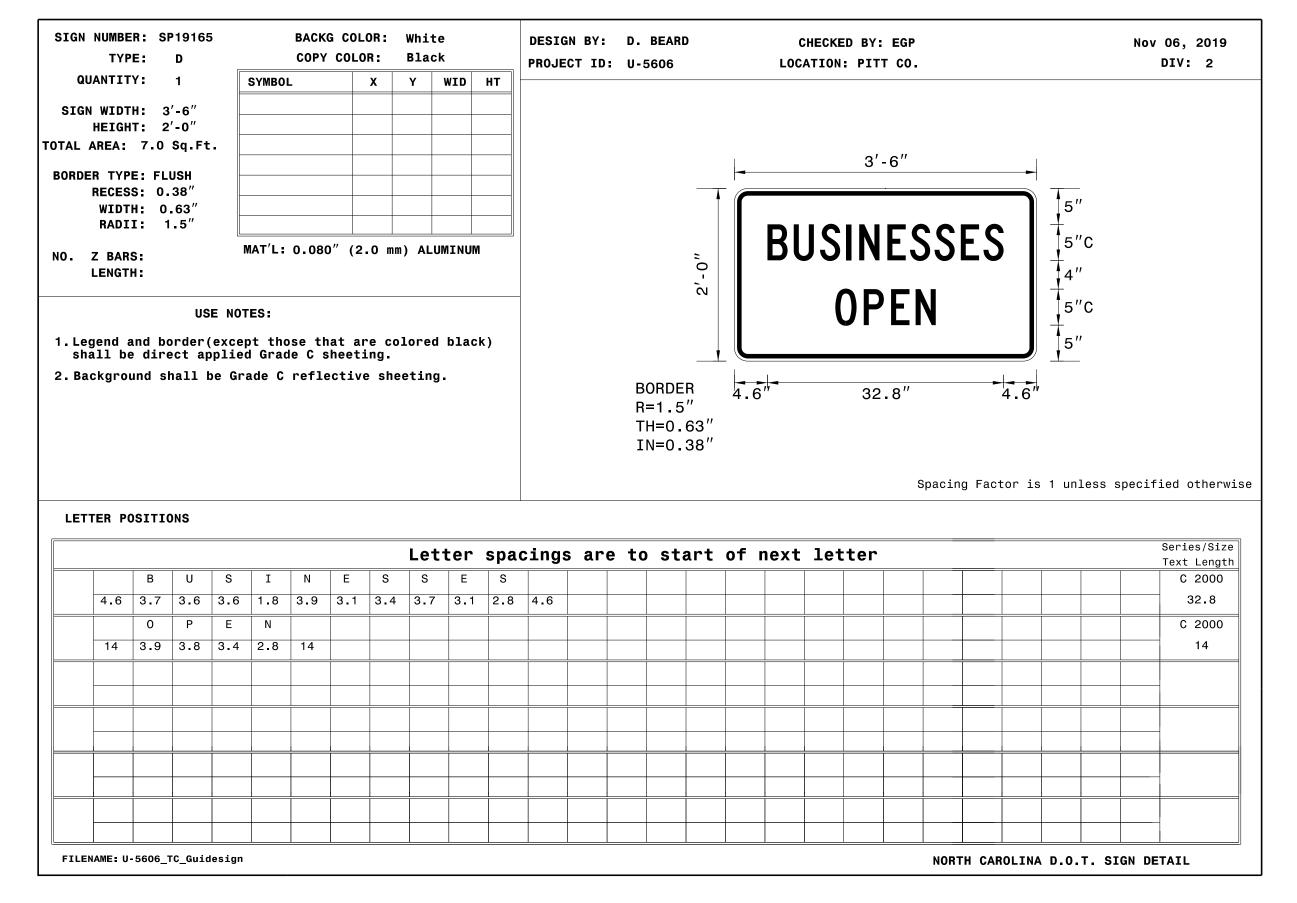


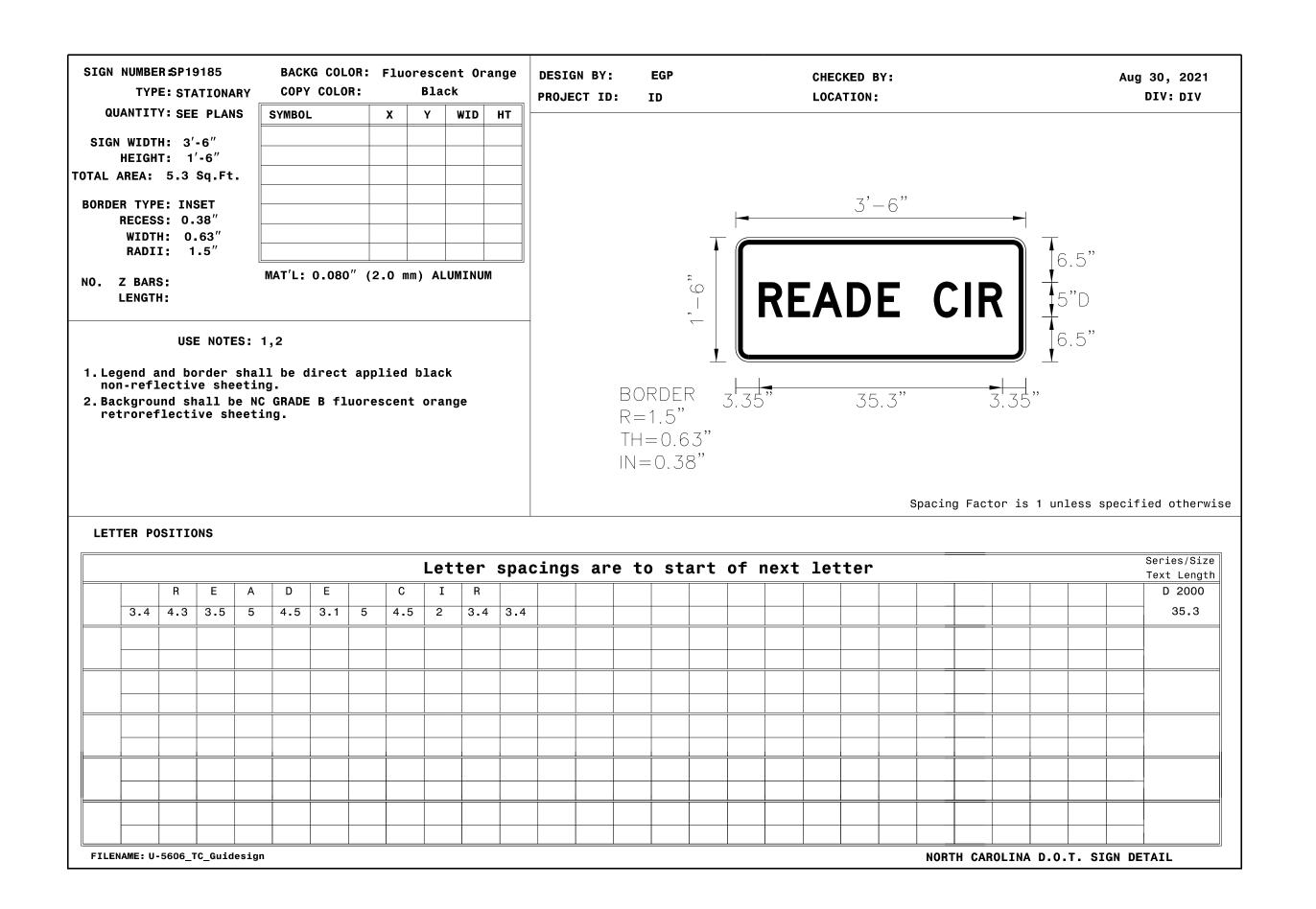
SIGN DESIGN

17/2022



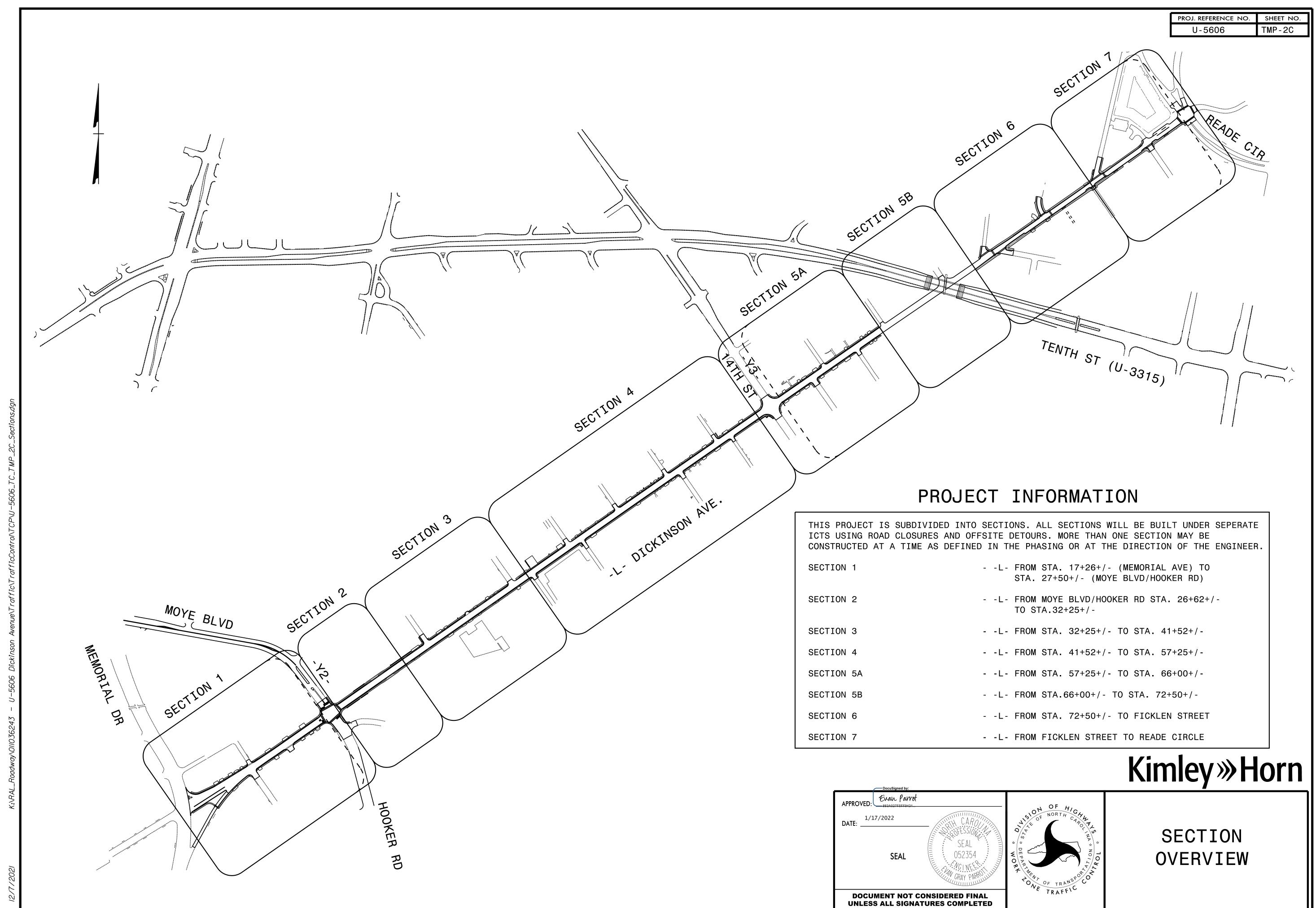






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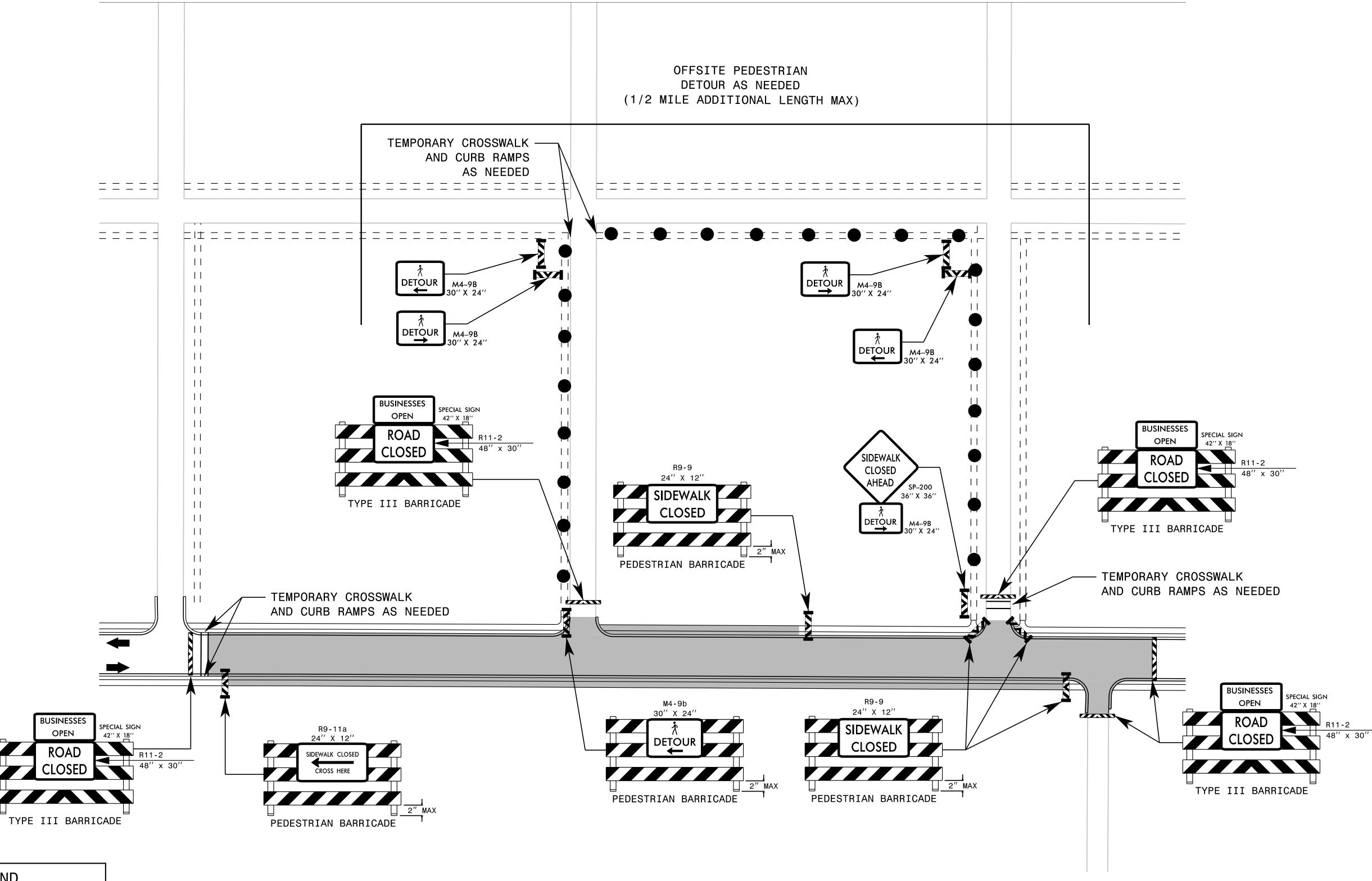
SIGN DESIGN



PROJ. REFERENCE NO.

U-5606

TMP-2D



# LEGEND

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WORK ZONE

PEDESTRIAN DETOUR



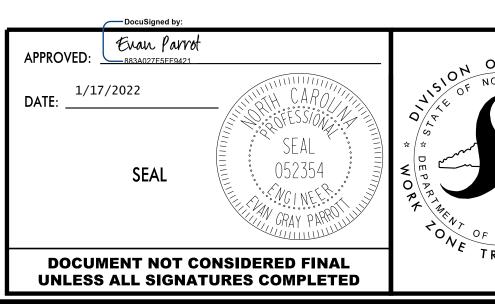
TYPE III BARRICADE

PEDESTRIAN CHANNELIZING DEVICE WHEN CROSSWALKS OR OTHER PEDESTRIAN FACILITIES ARE CLOSED OR RELOCATED, TEMPORARY FACILITIES SHALL BE DETECTABLE AND SHALL INCLUDE ACCESSIBILITY FEATURES CONSISTENT WITH THE FEATURES PRESENT IN THE EXISTING PEDESTRIAN FACILITY.

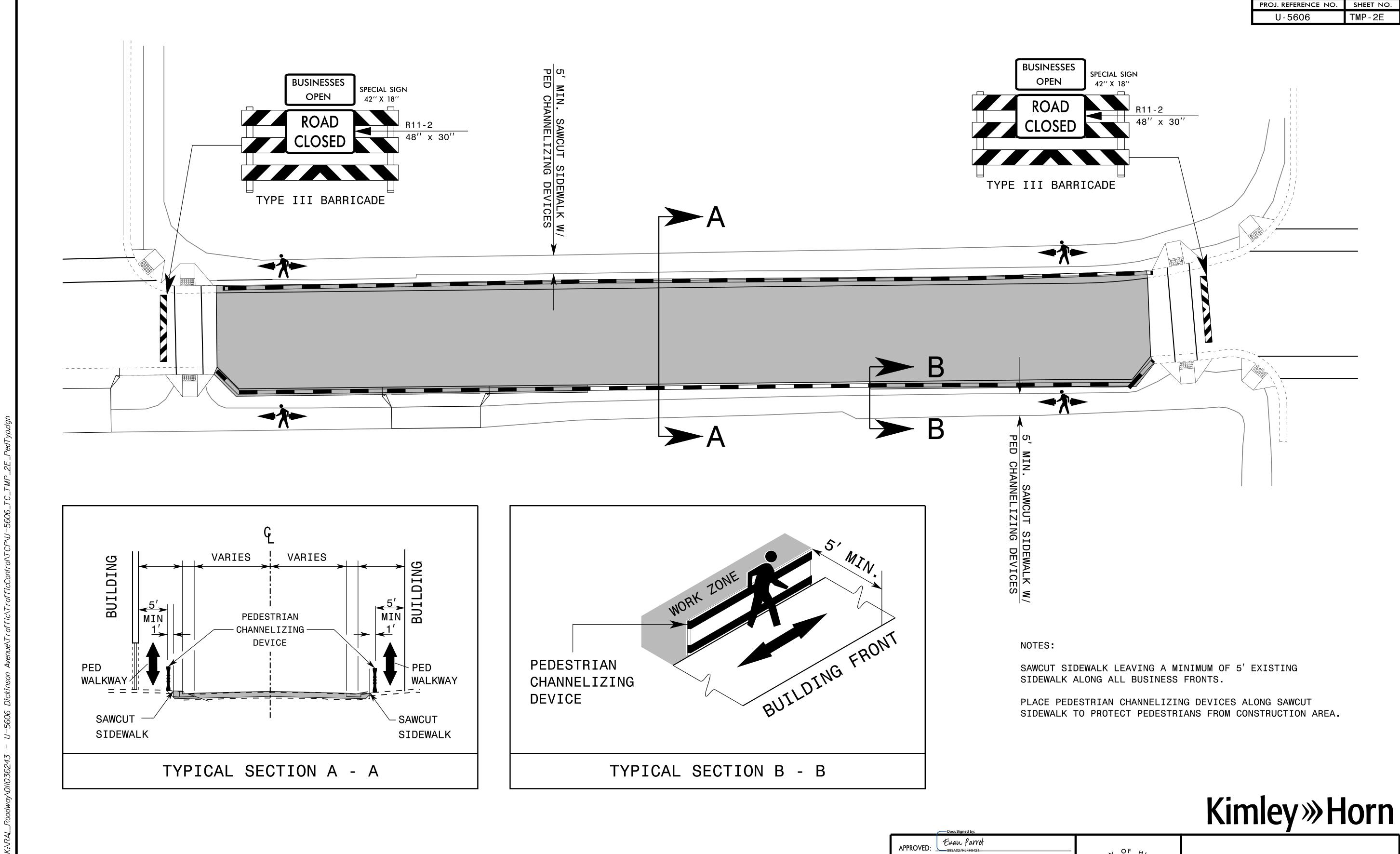
TRAFFIC CONTROL DEVICES FOR VEHICLES ARE FOR INFORMATIONAL PURPOSES. SEE ROAD CLOSURE DETAIL SHEETS FOR ADDITIONAL INFORMATION.

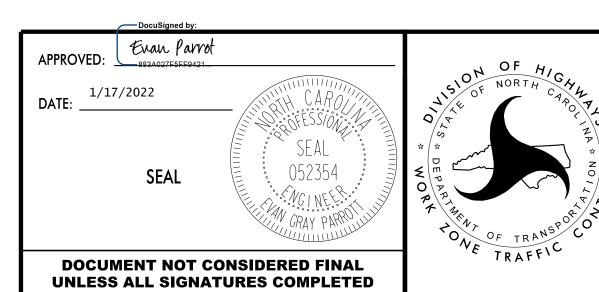
TEMPORARY TRANSVERSE CROSSWALKS, WHEN PLACED OVER EXISTING PAVEMENT, SHALL CONSIST OF TWO WHITE 8" LINES (TYPE 4 REMOVABLE TAPE) WTIH 6' GAP BETWEEN.

# **Kimley** » Horn

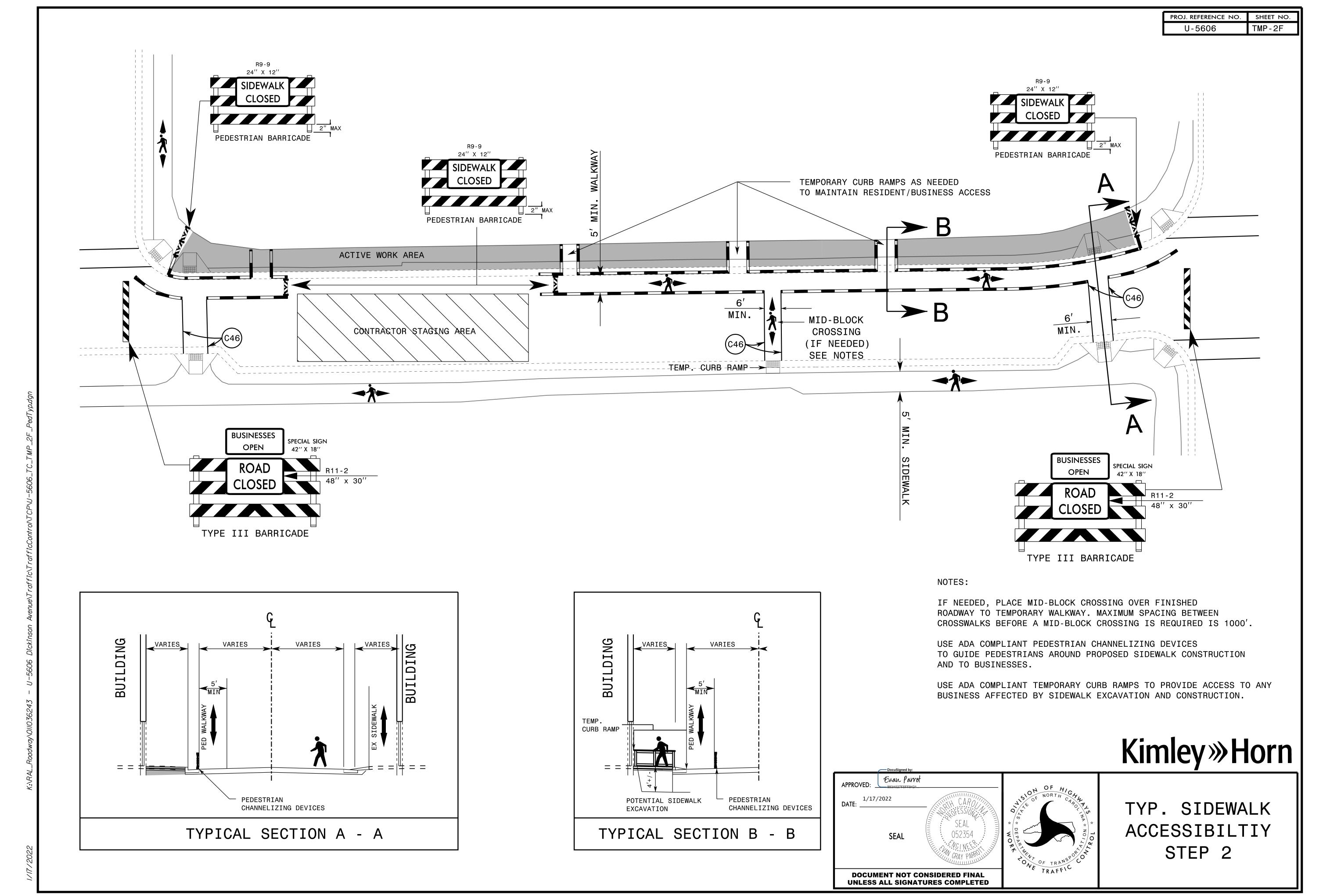


TYPICAL FOR
CROSSWALK CLOSURES
AND PEDESTRIAN
DETOURS





TYP. SIDEWALK ACCESSIBILTIY STEP 1



**PHASING** 

PROJ. REFERENCE NO. SHEET NO. U-5606 TMP-3A

NOTES:

MAINTAIN VEHICULAR AND PEDESTRIAN ACCESS TO ALL RESIDENCES AND BUSINESSES DURING THE LIFE OF THE CONTRACT UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
(SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES)

MAINTAIN A USABLE SIDEWALK ON ONE SIDE OF DICKINSON AVE OR A PEDESTRIAN DETOUR AS SHOWN ON TMP-2D AT ALL TIMES. PROVIDE PEDESTRIAN PROTECTION FROM CONSTRUCTION VEHICLES AND DROP-OFFS.

PROVIDE PEDESTRIAN PROTECTION FROM CONSTRUCTION VEHICLES AND DROP-OFFS. WHEN PEDESTRIAN BARRICADES ARE USED THEY SHALL BE ADA COMPLIANT.

TEMPORARY PAVEMENT MARKINGS WILL BE PLACED IN THE FINAL PATTERN AT THE COMPLETION OF EACH SECTION. (SEE PAVEMENT MARKING PLANS)

THIS PROJECT IS SUBDIVIDED INTO 7 SECTIONS. ALL SECTIONS WILL BE BUILT UNDER SEPARATE ICTS USING ROAD CLOSURES AND OFFSITE DETOURS. CONSTRUCTION OF SECTION 7 SHALL OCCUR FIRST. CONSTRUCTION OF SECTION 6 SHALL NOT OCCUR UNTIL THE DATE OF AVAILIBILITY STATED IN THE SECTION 6 PHASING NOTES. THE ORDER OF THE REMAINING SECTIONS MAY BE CONSTRUCTED AT THE DIRECTION OF THE ENGINEER. MORE THAN ONE SECTION MAYBE CONSTRUCTED AT A TIME AS DEFINED IN THE PHASING OR AT THE DIRECTION OF THE ENGINEER.

DEVICES AND SIGNS SHOULD COORDINATE WHEN MORE THAN ONE SECTION IS CLOSED AT A TIME.

EACH SECTION MAY BE CONSTRUCTED CONCURRENTLY WITH ONE OF THE FOLLOWING SECTION:

- SECTION 1 WITH SECTIONS 3, 5A, 5B, 6 OR 7
- SECTION 2 WITH SECTIONS 5A, 5B, 6 OR 7
- 3) SECTION 3 WITH SECTIONS 1, 5A, 5B, 6 OR 7
- 4) SECTION 4 ALONE
- 5A) SECTION 5A WITH SECTIONS 1, 2, 3 OR 5B 5B) SECTION 5B WITH SECTIONS 1, 2, 3 OR 5A
- 6) SECTION 6 WITH SECTIONS 1, 2 OR 3
- 7) SECTION 7 WITH SECTIONS 1, 2 OR 3

DO NOT CONSTRUCT MORE THAN ONE OF THE FOLLOWING INTERSECTIONS SIMULTANEOUSLY
-Y2- (MOYE BLVD/HOOKER RD) AT -L- (DICKINSON AVE)
-Y3- (14TH STREET) AT -L- (DICKINSON AVE)
READE CIRCLE AT -L- (DICKINSON AVE)

### ALL SECTIONS

STEP 1

INSTALL WORK ZONE ADVANCED WARNING SIGNS ACCORDING TO RSD 1101.01 SHEET 3 OF 3

INSTALL AND COVER ROAD CLOSURE AND DETOUR SIGNS FOR THRU TRAFFIC AS SHOWN ON SHEET TMP-4

STEP 2

USING LAW ENFORCEMENT AT NEEDED, UNCOVER ROAD CLOSURE AND DETOUR SIGNS INSTALLED IN STEP 1, PLACE BARRICADES AS SHOWN ON SHEET TMP-4 AND CLOSE -L- (DICKINSON AVE.) TO THRU TRAFFIC.

STEP 3

USING RSD 1101.02 SHEETS 2, 3 AND 7 BEGIN INSTALLATION OF PROPOSED DRAINAGE IN AREAS AS DIRECTED BY THE ENGINEER.

USING RSD 1101.02 CONTRACTOR MAY BEGIN THE FOLLOWING:
-Y2- (MOYE BLVD/HOOKER RD) CURB AND GUTTER, AND SIDEWALKS.
-Y3- (14TH STREET) CURB AND GUTTER, AND SIDEWALKS.

NOTE: STEP 3 MAY BE PERFORMED CONCURRENTLY WITH SECTIONS 7 OR 6 IF NECESSARY.

SECTION 7 (MAY BE CONSTRUCTED CONCURRENTLY WITH ONE OF THE FOLLOWING SECTIONS: 1, 2, OR 3)

NOTES:

MAINTAIN VEHICULAR ACCESS TO FICKLEN STREET AND PITT STREET THROUGHOUT CONSTRUCTION OF SECTION 7 AND SECTION 6.

## SECTION 7 (CONTINUED)

STEP 1

INSTALL AND COVER ROAD CLOSURE AND DETOUR SIGNS AS SHOWN ON TMP-15 FOR SECTION 7 IN PREPARATION FOR STEP 2.

INSTALL SIGNAL 02-0010 AT DICKINSON AVE AND READE CIRCLE IN PREPARATION FOR SECTION 7, STEP 2 TRAFFIC PATTERN.

INSTALL PEDESTRIAN SIGNS AND DEVICES AS SHOWN ON TMP-2E IN PREPARATION FOR SECTION 7 ROADWAY CONSTRUCTION.

PLACE CMS BOARDS AND ACTIVATE MESSAGE ONE WEEK BEFORE CLOSURE AS SHOWN ON TMP-15.

COMPLETE THE WORK REQUIRED OF SECTION 7, STEPS 2 THROUGH 9 IN 115 CONSECUTIVE CALENDAR DAYS, INCLUDING ALL IMPROVEMENTS AT THE INTERSECTION OF READE CIR. AND DICKINSON AVE. (SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES).

NOTE: SEASONALLY DEPENDENT LANDSCAPE PLANTINGS SHALL NOT BE RESTRICTED BY THIS ICT.

STEP 2

USING LAW ENFORCEMENT AS NEEDED, UNCOVER SIGNS INSTALLED IN STEP 1, PLACE BARRICADES AND CLOSE -L- (DICKINSON AVE.) FROM JUST NORTH OF FICKLEN STREET TO READE CIRCLE. ACTIVATE TRAFFIC SIGNAL IN TEMPORARY SECTION 7 PATTERN AT DICKINSON AVE AND READE CIRCLE, AND ACTIVATE CMS MESSAGE AS SHOWN ON TMP-15.

STEP 3

AWAY FROM TRAFFIC COMPLETE CONSTRUCTION OF -L- FROM JUST NORTH OF FICKLEN STREET (INCLUDING CONSTRUCTION OF PROPOSED CURB AND DRAINAGE STRUCTURES ON THE NORTH SIDE OF FICKLEN STREET) TO READE CIRCLE UP TO BUT NOT INCLUDING THE FINAL SURFACE COURSE

NOTE: CONSTRUCTION OF PROPOSED CURB, DRAINAGE STRUCTURES, AND PAVEMENT REPLACEMENT ON THE NORTH SIDE OF FICKLEN STREET SHALL BE PERFORMED USING TEMPORARY LANE CLOSURES AS NEEDED TO MAINTAIN TRAFFIC ON FICKLEN STREET.

STEP 4

COMPLETE SIDEWALK AND STREETSCAPE IMPROVEMENTS ON ONE SIDE OF DICKINSON AVE AT A TIME WHILE MAINTAINING FULL PEDESTRIAN ACCESS ON THE OPPOSITE SIDE AS SHOWN ON TMP-2F.

STEP 5

MAINTAIN THE CLOSURE OF DICKINSON AVE INSTALLED IN STEP 2.

INSTALL AND COVER ROAD CLOSURE AND DETOUR SIGNS AS SHOWN ON TMP-16 FOR THE INTERSECTION OF DICKINSON AVE AND READE CIRCLE IN PREPARATION FOR STEP 7.

INSTALL ROAD CLOSURE BARRICADES AT THE INTERSECTION OF DICKINSON AVE AND EIGHTH ST IN PREPARATION FOR STEP 6.

STEP 6

REMOVE ROAD CLOSURE BARRICADES AT THE INTERSECTION OF DICKINSON AVE AND FICKLEN ST INSTALLED IN STEP 2 AND OPEN SECTION 7 TO TRAFFIC BETWEEN FICKLEN ST AND EIGHTH ST. RELOCATE ASSOCIATED ADVANCE WARNING SIGNS FOR ROAD CLOSURE TO LOCATIONS SHOWN ON SHEET TMP-16

COMPLETE THE WORK REQUIRED OF SECTION 7, STEPS 7 THRU 9 IN 40 CONSECUTIVE CALENDAR DAYS. (SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES).

STEP 7

USING LAW ENFORCEMENT AS NEEDED, UNCOVER SIGNS INSTALLED IN STEP 5, PLACE BARRICADES, CLOSE THE INTERSECTION OF DICKINSON AVE. AND READE CIRCLE, AND PLACE TRAFFIC ON THE OFFSITE DETOUR SHOWN ON TMP-16.

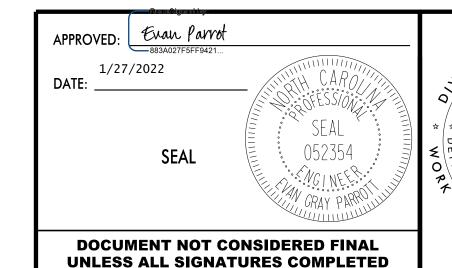
STEP 8

AWAY FROM TRAFFIC, CONSTRUCT PROPOSED IMPROVEMENTS TO THE INTERSECTION OF DICKINSON AVE. AND READE CIRCLE UP TO BUT NOT INCLUDING THE FINAL ASPHALT SURFACE COURSE.

STEP 9

PLACE TEMPORARY PAVEMENT MARKINGS IN THE FINAL PATTERN, SET TRAFFIC SIGNAL AT DICKINSON AVE AND READE CIRCLE TO FINAL PATTERN AND OPEN SECTION 7 AND THE INTERSECTION OF DICKINSON AVE/READE CIRCLE TO TRAFFIC. REMOVE ALL TRAFFIC CONTROL DEVICES INSTALLED IN STEP 1 AND STEP 5 NOT REQUIRED FOR SECTION 6 DETOUR PATTERN.





PHA

PHASING

**PHASING** 

PROJ. REFERENCE NO. SHEET NO. U-5606 TMP-3B

SECTION 6

(MAY BE CONSTRUCTED CONCURRENTLY WITH ONE OF THE FOLLOWING SECTIONS: 1, 2, OR 3)

BEGIN COSTRUCTION OF SECTION 6 IMMEDIATELY FOLLOWING COMPLETION OF SECTION 7.

COMPLETE THE WORK REQUIRED OF SECTION 6, STEPS 1 THROUGH 6 IN 100 CONSECUTIVE CALENDAR DAYS.

(SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES).

NOTE:

MAINTAIN VEHICULAR ACCESS TO FICKLEN STREET AND PITT STREET THROUGHOUT CONSTRUCTION OF SECTION 6 AND SECTION 7.

COMPLETE THE WORK REQUIRED OF SECTION 6, STEP 1 IN ONE WEEKEND BEGINNING ON A FRIDAY AT 7:00 P.M AND ENDING THE FOLLOWING MONDAY AT 6:00 A.M.
(SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES).

STEP 1

CLOSE THE INTERSECTION OF FICKLIN STREET AND DICKINSON AVE AND INSTALL STRUCTURE 1202 AND CROSSPIPE FROM STRUCTURE 1202 TO STRUCTURE 1217. INSTALL STRUCTURE 1202 TO A TEMPORARY ELEVATION AND COVER WITH A STEEL PLATE UNTIL SECTION 6 CLOSURE IS INSTALLED IN STEP 3.

STEP 2

INSTALL AND COVER ROAD CLOSURE AND DETOUR SIGNS AS SHOWN ON TMP-14 FOR SECTION 6 IN PREPARATION FOR SECTION 6, STEP 3.

INSTALL PEDESTRIAN SIGNS AND DEVICES AS SHOWN ON TMP-2E IN PREPARATION FOR SECTION 6 ROADWAY CONSTRUCTION.

STEP 3

USING LAW ENFORCEMENT AS NEEDED, UNCOVER SIGNS INSTALLED IN STEP 2, PLACE BARRICADES, AND CLOSE -L- (DICKINSON AVE.) FROM ATLANTIC AVE TO JUST SOUTH OF FICKLEN STREET.

STEP 4

AWAY FROM TRAFFIC COMPLETE CONSTRUCTION OF -L- FROM ATLANTIC AVE. TO JUST SOUTH OF FICLKEN STREET UP TO BUT NOT INCLUDING THE FINAL SURFACE COURSE.

NOTE: CONSTRUCTION OF PROPOSED CURB, DRAINAGE STRUTURES, AND PAVEMENT REPLACEMENT ON THE SOUTH SIDE OF FICKLEN STREET SHALL BE PERFORMED USING TEMPORARY LANE CLOSURES AS NEEDED TO MAINTAIN TRAFFIC ON FICKLEN STREET.

STEP 5

COMPLETE SIDEWALK AND STREETSCAPE IMPROVEMENTS ON ONE SIDE OF -L- AT A TIME WHILE MAINTAINING FULL PEDESTRIAN ACCESS ON THE OPPOSITE SIDE AS SHOWN ON TMP-2F.

STEP 6

PLACE TEMPORARY PAVEMENT MARKINGS IN THE FINAL PATTERN, AND OPEN SECTION 6 TO TRAFFIC. REMOVE ALL TRAFFIC CONTROL DEVICES INSTALLED IN STEP 2.

STEP 7

AT THE DIRECTION OF THE ENGINEER, CONTRACTOR MAY, USING RSD 1101.02, SHEETS 1 AND 2 AS NEEDED, PLACE THE FINAL LAYER OF ASPHALT SURFACE COURSE IN SECTIONS 6 AND 7, AND PLACE THE FINAL PAVEMENT MARKINGS IN THE FINAL PATTERN. (SEE PAVEMENT MARKING PLANS)

### SECTIONS 1 THROUGH 5B

SECTION 1 (MAY BE CONSTRUCTED CONCURRENTLY WITH ONE OF THE FOLLOWING SECTIONS: 3, 5A, 5B, 6 OR 7)

NOTE: SECTION 1, STEPS 3 AND 4 MAY BE COMPLETED SIMULTANEOUSLY WITH SECTION 1, STEPS 6 AND 7 AS NEEDED.

COMPLETE THE WORK REQUIRED OF SECTION 1, STEP 1 IN ONE WEEKEND BEGINNING ON A FRIDAY AT 7:00 P.M AND ENDING THE FOLLOWING MONDAY AT 6:00 A.M.
(SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES).

STEP 1

USING RSD 111.03, SHEETS 1 AND 2, AND TMP-5, DETOUR TRAFFIC ON -Y2- (HOOKER ROAD) AND CONSTRUCT 36" RCP AND DRAINAGE STRUCTURES 0536, 0517, 0518 AND 0519.

STEP 2

INSTALL AND COVER ROAD CLOSURE AND DETOUR SIGNS AS SHOWN ON TMP-6 FOR SECTION 1 IN PREPARATION FOR STEP 3.

INSTALL SIGNAL 02-0003 TEMP1 AT DICKINSON AVE AND MEMORIAL DRIVE AND SIGNAL 02-0004 TEMP1 AT DICKINSON AVE AND MOYE BLVD/HOOKER RD. IN PREPARATION FOR SECTION 1, STEP 3 TRAFFIC PATTERN.

### SECTION 1 (CONTINUED)

COMPLETE THE WORK REQUIRED OF SECTION 1, STEPS 3 AND 4 IN 120 CONSECUTIVE CALENDAR DAYS. (SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES).

STEP 3

USING LAW ENFORCEMENT AS NEEDED, UNCOVER SIGNS, PLACE BARRICADES, ACTIVATE TRAFFIC SIGNALS INSTALLED IN STEP 2 IN TEMPORARY TRAFFIC PATTERN, CLOSE -L- (DICKINSON AVE.) FROM MEMORIAL DRIVE TO -Y2- (MOYE BLVD/HOOKER ROAD) AND PLACE TRAFFIC ON OFFSITE DETOUR SHOWN ON TMP-6.

REMOVE CONFLICTING DETOUR SIGNS AND BARRICADES INSTALLED IN STEP 1.

STEP 4

AWAY FROM TRAFFIC, COMPLETE CONSTRUCTION OF -L- BETWEEN MEMORIAL DRIVE AND -Y2- UP TO BUT NOT INCLUDING THE FINAL SURFACE COURSE.

STEP 5

INSTALL AND COVER ROAD CLOSURE SIGNS AND DETOUR SIGNS AS SHOWN ON TMP-7 FOR THE CLOSURE OF THE -L-/-Y2- INTERSECTION IN PREPARATION FOR SECTION 1 STEP 6.

COMPLETE THE WORK REQUIRED OF SECTION 1, STEPS 6 THRU 8 IN 30 CONSECUTIVE CALENDAR DAYS. (SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES).

STEP 6

USING LAW ENFORCEMENT AS NECESSARY, UNCOVER SIGNS INSTALLED IN STEP 5, PLACE BARRICADES, AND CLOSE THE INTERSECTION OF -L- AND -Y2-. REMOVE CONFLICTING LOCAL DETOUR SIGNAGE INSTALLED IN SECTION 1 STEP 2

ACTIVATE SIGNAL 02-0003 IN FINAL PATTERN AT THE -L- (DICKINSON AVE)/MEMORIAL DR. INTERSECTION.

STEP 7

AWAY FROM TRAFFIC, CONSTRUCT THE INTERSECTION OF DICKINSON AVE/MOYE BLVD-HOOKER ROAD UP UP TO BUT NOT INCLUDING THE FINAL SURFACE COURSE.

STEP 8

PLACE TEMPORARY PAVEMENT MARKINGS IN THE FINAL PATTERN, AND LEAVE SIGNAL 02-0004 TEMP1 AS SET IN STEP 2 AT -L- DICKINSON AVE AND -Y2- MOYE BLVD/HOOKER RD AND OPEN SECTION 1 TO TRAFFIC. REMOVE ALL TRAFFIC CONTROL DEVICES INSTALLED IN SECTION 1, STEPS 2 AND 5.

SECTION 2 (MAY BE CONSTRUCTED CONCURRENTLY WITH ONE OF THE FOLLOWING SECTIONS: 5A, 5B, 6 OR 7)

STEP 1

INSTALL AND COVER ROAD CLOSURE AND DETOUR SIGNS AS SHOWN ON TMP-8 FOR SECTION 2 IN PREPARATION FOR SECTION 2, STEP 2.

INSTALL SIGNAL 02-0004 TEMP1 (IF NOT INSTALLED IN SECTION 1, STEP 2) AT DICKINSON AVE AND MOYE BLVD/HOOKER RD. IN PREPARATION FOR SECTION 2. STEP 2 TRAFFIC PATTERN.

COMPLETE THE WORK REQUIRED OF SECTION 2, STEPS 2 THRU 5 IN 80 CONSECUTIVE CALENDAR DAYS INCLUDING ALL WORK WITHIN THE RAILROAD RIGHT-OF-WAY.

(SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES).

STEP 2

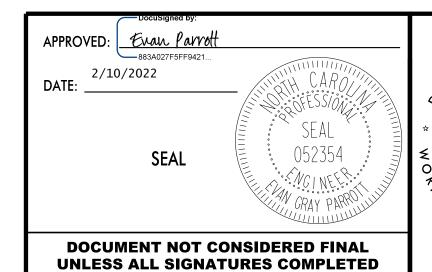
USING LAW ENFORCEMENT AS NEEDED, UNCOVER SIGNS INSTALLED IN STEP 1, PLACE BARRICADES, AND CLOSE -L- (DICKINSON AVE.) FROM MOYE BLVD/HOOKER ROAD TO WILSON STREET AND ACTIVATE TEMPORARY TRAFFIC SIGNAL 02-0004 TEMP1 AT DICKINSON AVE AND MOYE BLVD/HOOKER RD (IF NOT ACTIVATED IN SECTION 1, STEP 2).

COMPLETE ALL WORK WITHIN THE RAILROAD RIGHT-OF-WAY IN 35 CONSECUTIVE CALENDAR DAYS. (SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES).

STEP 3

AWAY FROM TRAFFIC, AND USING TMP-2E TO MAINTAIN PEDESTRIAN TRAFFIC, COMPLETE CONSTRUCTION OF -L- FROM MOYE BLVD/HOOKER RD TO -L- STA. 32+25+/- UP TO BUT NOT INCLUDING THE FINAL SURFACE COURSE.

Kimley» Horn





PHASING

7/07/01/

### SECTION 2 (CONTINUED)

STEP 4

UTILIZE PEDESTRIAN DETOUR ROUTES AS SHOWN ON SHEET TMP-2D TO COMPLETE SIDEWALK AND STREETSCAPE IMPROVEMENTS.

STEP 5

PLACE TEMPORARY PAVEMENT MARKINGS IN THE FINAL PATTERN AND OPEN SECTION 2 TO TRAFFIC. REMOVE ALL TRAFFIC CONTROL DEVICES INSTALLED IN SECTION 2, STEP 1.

NOTE: IF SECTION 1 IS COMPLETE, UP TO BUT NOT INCLUDING FINAL SURFACE COURSE, THEN ACTIVATE SIGNAL 02-0004 IN FINAL PATTERN. IF SECTION 1 IS NOT COMPLETE, LEAVE THE SIGNAL IN TEMP1 PATTERN.

SECTION 3

(MAY BE CONSTRUCTED CONCURRENTLY WITH ONE OF THE FOLLOWING SECTIONS: 1, 5A, 5B, 6 OR 7)

NOTES: STEPS 3 THRU 5 MAY BE PERFORMED CONCURRENTLY AS NEEDED.

STEP 1

INSTALL AND COVER ROAD CLOSURE AND DETOUR SIGNS AS SHOWN ON TMP-9 AND PEDESTRIAN SIGNS AND DEVICES AS SHOWN ON TMP-2E FOR SECTION 3 IN PREPARATION FOR SECTION 3. STEP 2.

COMPLETE THE WORK REQUIRED OF SECTION 3, STEPS 2 AND 3 IN 40 CALENDAR DAYS. (SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES).

STEP 2

USING LAW ENFORCEMENT AS NEEDED, UNCOVER SIGNS INSTALLED IN STEP 1, PLACE BARRICADES, AND CLOSE -L- (DICKINSON AVE.) FROM MOYE BLVD.-HOOKER ROAD TO WATAGUA AVE.

MAINTAIN ACCESS TO S. SKINNER CT AT ALL TIMES DURING SECTION 3 CONSTRUCTION.

STEP 3

AWAY FROM TRAFFIC, CONSTRUCT WATER LINE ALONG -L- FROM STA. 32+25 +/- TO STA. 41+52 +/-. ONCE PROPOSED WATER LINE HAS BEEN INSTALLED, RESTORE THE ROADWAY TO A TRAVERSABLE SURFACE, REMOVE THE DETOUR ROUTE INSTALLED IN STEP 3, AND OPEN SECTION 3 TO TRAFFIC.

STEP 4

USING RSD 1101.02 SHEETS 1 AND 2 OF 14 AS REQUIRED, CONSTRUCT PROPOSED ROADWAY IMPROVEMENTS ON -L- FROM STA. 32+25 +/- TO STA. 41+52 +/-.

STEP 5

UTILIZE PEDESTRIAN DETOUR ROUTES AS SHOWN ON SHEET TMP-2D TO COMPLETE SIDEWALK AND STREETSCAPE IMPROVEMENTS.

STEP 6

PLACE TEMPORARY PAVEMENT MARKINGS IN THE FINAL PATTERN AND OPEN SECTION 3 TO TRAFFIC. REMOVE ALL TRAFFIC CONTROL DEVICES INSTALLED IN SECTION 3, STEP 1 AND STEP 4.

### SECTION 4

STEP 1

INSTALL AND COVER ROAD CLOSURE AND DETOUR SIGNS AS SHOWN ON TMP-10 FOR SECTION 4 IN PREPARATION FOR SECTION 4, STEP 2.

INSTALL SIGNAL 02-0006 TEMP1 AT DICKINSON AVE AND 14TH STREET IN PREPARATION FOR SECTION 4, STEP 2 TRAFFIC PATTERN IF NOT PREVIOUSLY INSTALLED IN SECTION 5.

COMPLETE THE WORK REQUIRED OF SECTION 4, STEPS 2 THRU 4 IN 180 CALENDAR DAYS. (SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES).

STEP 2

USING LAW ENFORCEMENT AS NEEDED, UNCOVER SIGNS INSTALLED IN STEP 1, PLACE BARRICADES AND CLOSE -L- (DICKINSON AVE.) FROM -L- STA. 41+52+/- TO STA. 57+25 AND ACTIVATE TRAFFIC SIGNAL INSTALLED IN STEP 1 IN TEMPORARY TRAFFIC PATTERN.

STEP 3 COMPLETE CONSTRUCTION OF -L- FROM -L- STA. 41+52+/- TO STA. 57+25 UP TO BUT NOT INCLUDING THE FINAL SURFACE COURSE, PLACE TEMPORARY PAVEMENT MARKINGS IN THE FINAL PATTERN, INSTALL SIGNAL 02-0006 TEMP1 AT -L- (DICKINSON AVE.) AND -Y3- (14TH STREET) IF NOT PREVIOUSLY INSTALLED IN SECTION 5A. REMOVE ALL TRAFFIC CONTROL DEVICES INSTALLED IN SECTION 4, STEP 1 AND OPEN THE ROAD TO TRAFFIC.

STEP 4

UTILIZE PEDESTRIAN DETOUR ROUTES AS SHOWN ON SHEET TMP-2D AS NEEDED TO COMPLETE SIDEWALK AND STREETSCAPE IMPROVEMENTS.

SECTION 5A (MAY BE CONSTRUCTED CONCURRENTLY WITH ONE OF THE FOLLOWING SECTIONS: 1, 2, 3 OR 5B)

STEP 1

INSTALL SIGNAL 02-0006 TEMP1 AT -L- (DICKINSON AVE.) AND -Y3- (14TH STREET) IN PREPARATION FOR SECTION 5A, STEP 4 TRAFFIC PATTERN IF NOT PREVIOUSLY INSTALLED IN SECTION 4.

COMPLETE THE WORK REQUIRED OF SECTION 5A. STEPS 3 THRU 6 IN 120 CONSECUTIVE CALENDAR DAYS. (SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES).

STEP 2

INSTALL AND COVER ROAD CLOSURE AND DETOUR SIGNS AS SHOWN ON SHEET TMP-12 IN PREPARATION FOR SECTION 4 STEP 3.

STEP 3

USING LAW ENFORCEMENT AS NEEDED, UNCOVER SIGNS INSTALLED IN STEP 4, PLACE BARRICADES, CLOSE -L- (DICKINSON AVE.) FROM -Y3- (14TH STREET) TO -L- STA. 66+00+/-, ACTIVATE TEMPORARY SIGNAL (IF APPLICABLE), AND PLACE TRAFFIC ON OFFSITE DETOUR.

STEP 4

USING SHEET TMP-2D TO MAINTAIN PEDESTRIAN ACCESS, COMPLETE CONSTRUCTION OF -L- FROM -L- STA. 58+90+/- TO STA. 66+00+/- UP TO BUT NOT INCLUDING THE FINAL SURFACE COURSE.

STEP 5

UTILIZE SHEET TMP-2F AS NEEDED TO COMPLETE SIDEWALK AND STREETSCAPE IMPROVEMENTS ON ONE SIDE OF DICKINSON AVE AT A TIME WHILE MAINTAINING FULL PEDESTRIAN ACCESS ON THE OPPOSITE SIDE AS SHOWN ON TMP-2F.

STEP 6

PLACE TEMPORARY PAVEMENT MARKINGS IN THE FINAL PATTERN AND OPEN SECTION 5A TO TRAFFIC. REMOVE ALL TRAFFIC CONTROL DEVICES INSTALLED IN SECTION 5A, STEP 2.

INSTALL AND COVER ROAD CLOSURE AND DETOUR SIGNS AS SHOWN ON TMP-11 IN PREPARATION FOR STEP 8.

COMPLETE THE WORK REQUIRED OF SECTION 5A, STEPS 8 AND 9 IN 40 CALENDAR DAYS. (SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES).

STEP 8

USING LAW ENFORCEMENT AS NEEDED, UNCOVER SIGNS INSTALLED IN STEP 1, PLACE BARRICADES AND CLOSE INTERSECTION OF -L- (DICKINSON AVE.) AND -Y3- (14TH STREET) AND PLACE TRAFFIC ON OFFSITE DETOUR SHOWN ON TMP-11.

AWAY FROM TRAFFIC REMOVE EXISTING PAVEMENT AND CONSTRUCT THE FOLLOWING: PROPOSED DRAINAGE SYSTEM, PROPOSED CURB AND GUTTER, PROPOSED UTILITIES IMPROVEMENTS, AND PROPOSED PAVEMENT BETWEEN -L- STA. 57+25 AND STA. 58+90+/- UP TO BUT NOT INCLUDING THE FINAL SURFACE COURSE.

PLACE TEMPORARY PAVEMENT MARKINGS IN THE FINAL PATTERN.

STEP 9

REMOVE BARRICADES, REMOVE ROAD CLOSURE AND DETOUR SIGNS INSTALLED IN SECTION 5A. STEP 7. SET TRAFFIC SIGNAL TO FINAL AND OPEN INTERSECTION TO TRAFFIC.

STEP 10

USING RSD 1101.02 AS NEEDED, COMPLETE CONSTRUCTION OF PROPOSED SIDEWALKS, CURB RAMPS, RETAINING WALLS, AND STAIRS AT THE INTERSECTION OF -L- (DICKINSON AVE.) AND -Y3- (14TH STREET) BETWEEN -L- STA. 57+25 AND STA. 58+90+/-.

APPROVED: Evan Parrott 2/10/2022 **DOCUMENT NOT CONSIDERED FINAL** 

**UNLESS ALL SIGNATURES COMPLETED** 

PHASING

PROJ. REFERENCE NO. SHEET NO. U-5606 TMP-3D

SECTION 5B

(MAY BE CONSTRUCTED CONCURRENTLY WITH ONE OF THE FOLLOWING SECTIONS: 1, 2, 3 OR 5A)

STEP 1

INSTALL AND COVER ROAD CLOSURE AND DETOUR SIGNS AS SHOWN ON TMP-13 IN PREPARATION FOR SECTION 5B, STEP 2.

COMPLETE THE WORK REQUIRED OF SECTION 5B, STEPS 2 AND 3 IN 14 CALENDAR DAYS. (SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES).

STEP 2

USING LAW ENFORCEMENT AS NEEDED, UNCOVER SIGNS INSTALLED IN STEP 1, PLACE BARRICADES AND CLOSE -L- (DICKINSON AVE.) FROM COLUMBIA AVE. TO ATLANTIC AVE. AND THE INTERSECTION OF GRANDE AVE. AT DICKINSON AVE. PLACE TRAFFIC ON OFFSITE DETOUR SHOWN ON TMP-13.

STEP 3

COMPLETE WATER AND SEWER LINE CONSTRUCTION OF -L- FROM COLUMBIA AVE. TO ATLANTIC AVE.

OPEN SECTION 5B TO TRAFFIC AND REMOVE ALL TRAFFIC CONTROL DEVICES INSTALLED IN SECTION 5B, STEP 1.

STEP 4

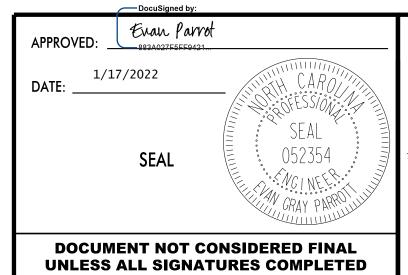
USING RSD 1101.02 TO MAINTAIN TRAFFIC, PERFORM MILLING AND RESURFACING THROUGHT THE LIMITS SHOWN IN THE ROADWAY PLANS.

# <u>FINAL</u>

STEP 1

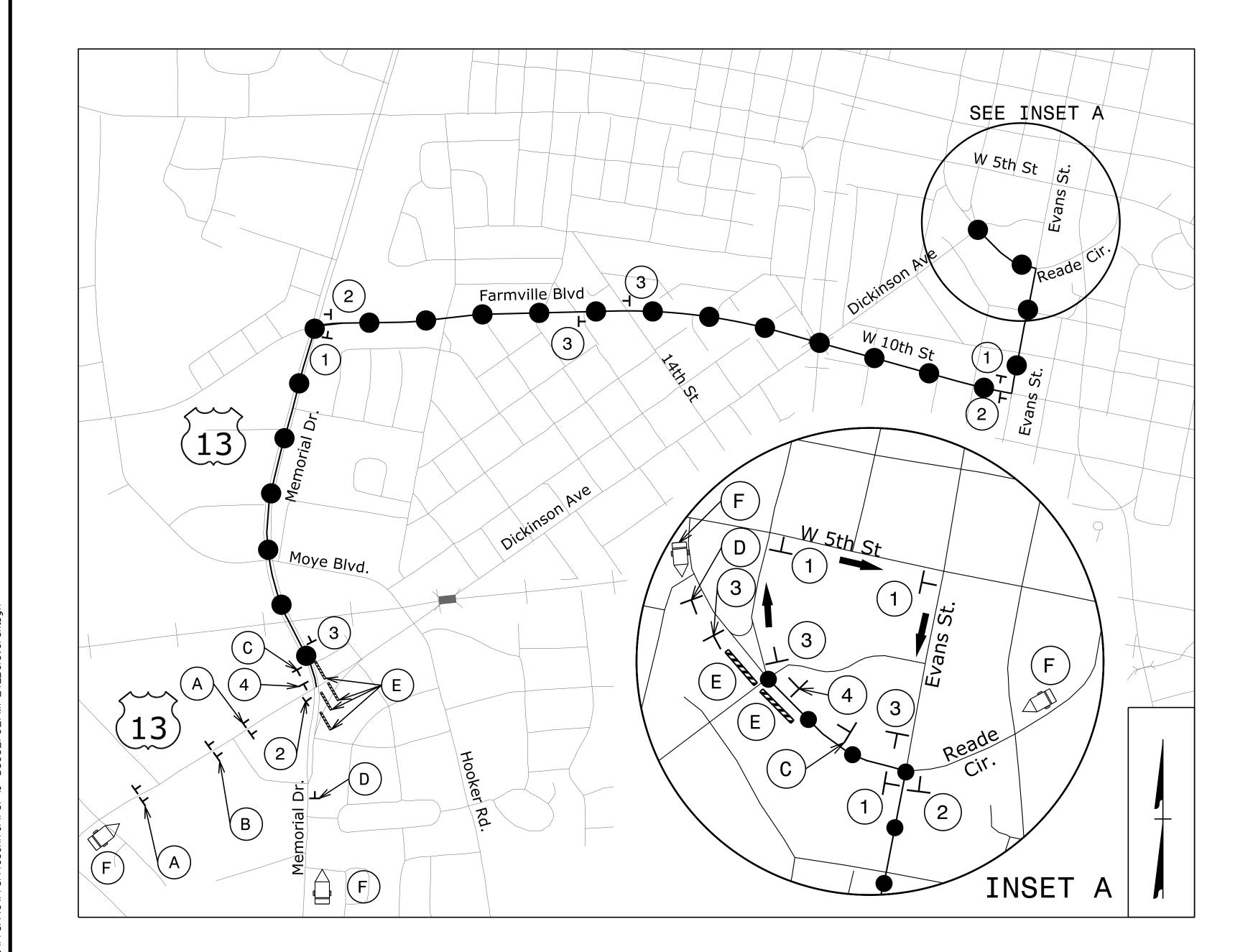
USING RSD 1101.02, SHEETS 1, 2 AND 3, AND LAW ENFORCEMENT AS NEEDED, PLACE THE FINAL LAYER OF SURFACE COURSE ON ALL REMAINING SECTIONS AND PLACE THE FINAL PAVEMENT MARKINGS IN THE FINAL PATTERN (SEE PAVEMENT MARKING PLANS). REMOVE ALL REMAINING TRAFFIC CONTROL DEVICES.

# **Kimley** » Horn





PHASING



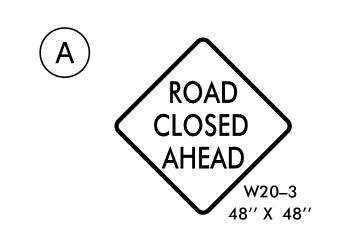
3

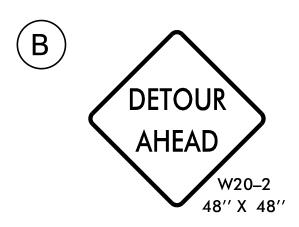
Dickinson

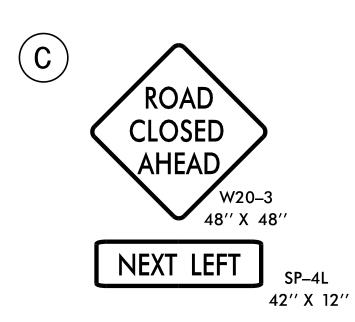
Ave

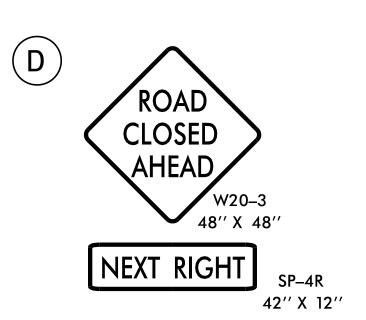
SPECIAL SIGN 42" X 24"

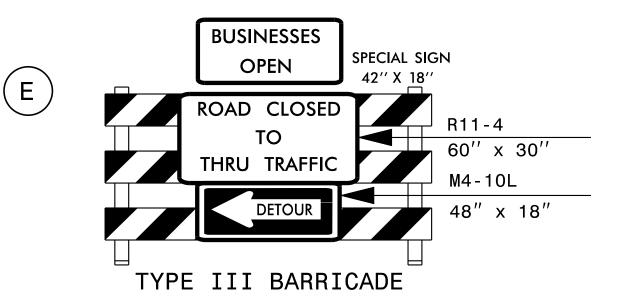
M6–3 21′′ X 15′′









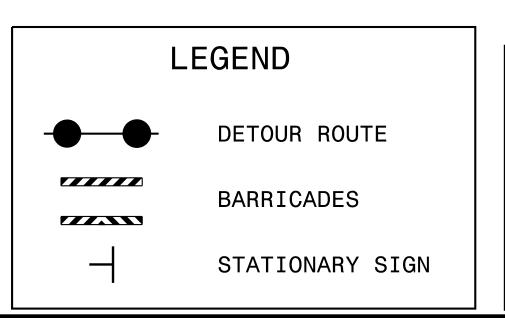


F	MESSAGE NO. 1	MESSAGE NO. 2
	DCKNSN	*STREET*
	AVE CLSD	FOLLOW
	AT	DETOUR

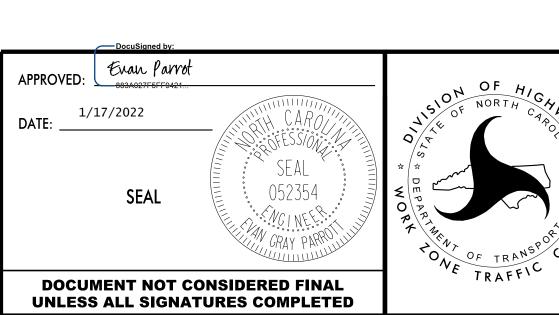
DISPLAY THE FOLLOWING STREET NAME FOR EACH SECTION CLOSURE			
SECTION 1	MEMORIAL		
SECTIONS 2 & 3	HOOKER RD		
SECTION 4	S SKINNER		
SECTIONS 5A & 5B	14TH ST		
SECTION 6	9TH ST		
SECTION 7	FICKLEN		

NO. 1	NO. 2	
DCKNSN	*STREET*	
AVE CLSD	FOLLOW	
AT	DETOUR	
CHANGEABLE MESSAGE SIGN		

Kimley» Horn



DETOUR M4-8 A 24" X 18"



THRU-TRAFFIC **DETOUR** 

Dickinson

Ave

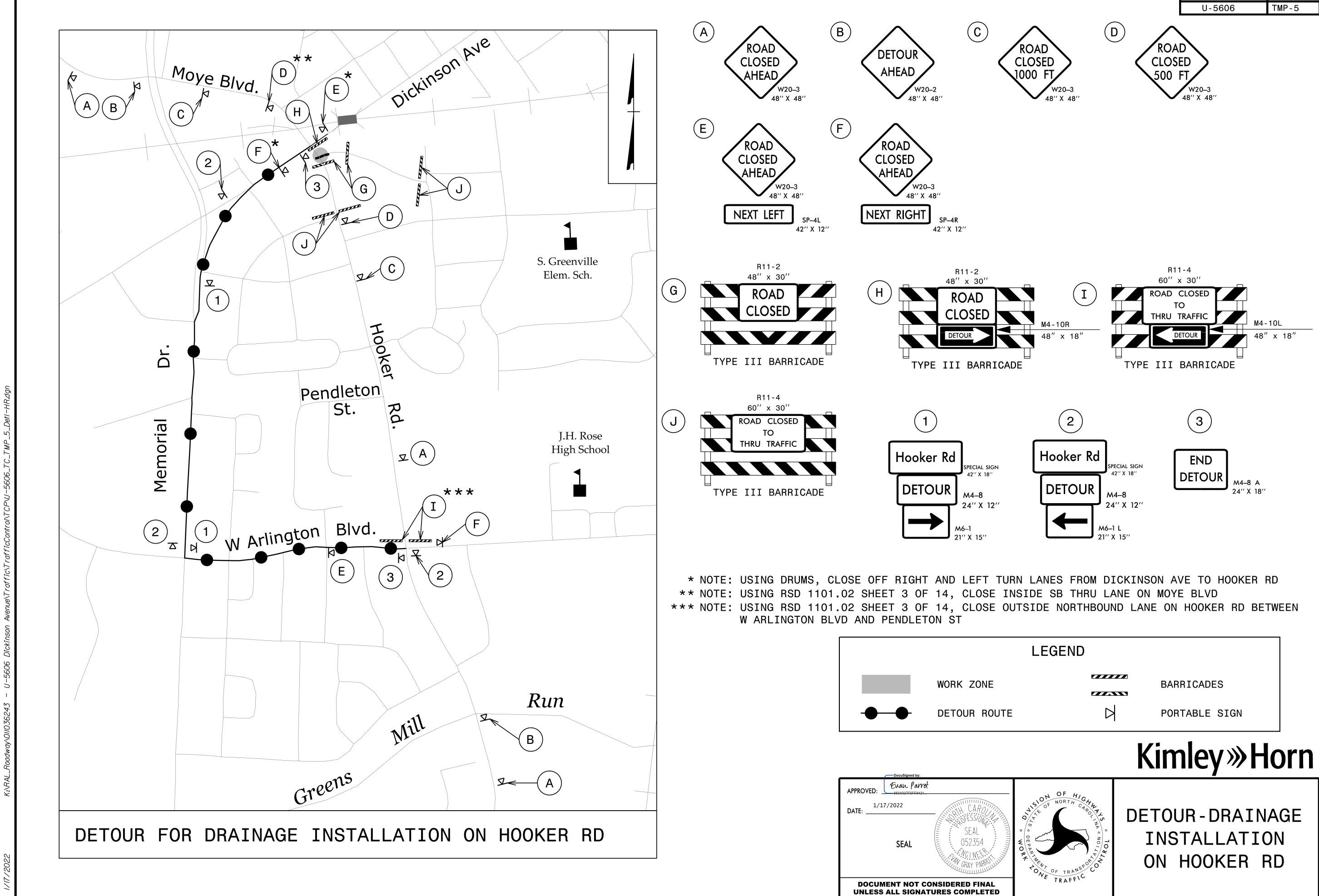
SPECIAL SIGN 42" X 24"

Dickinson

Ave

DETOUR

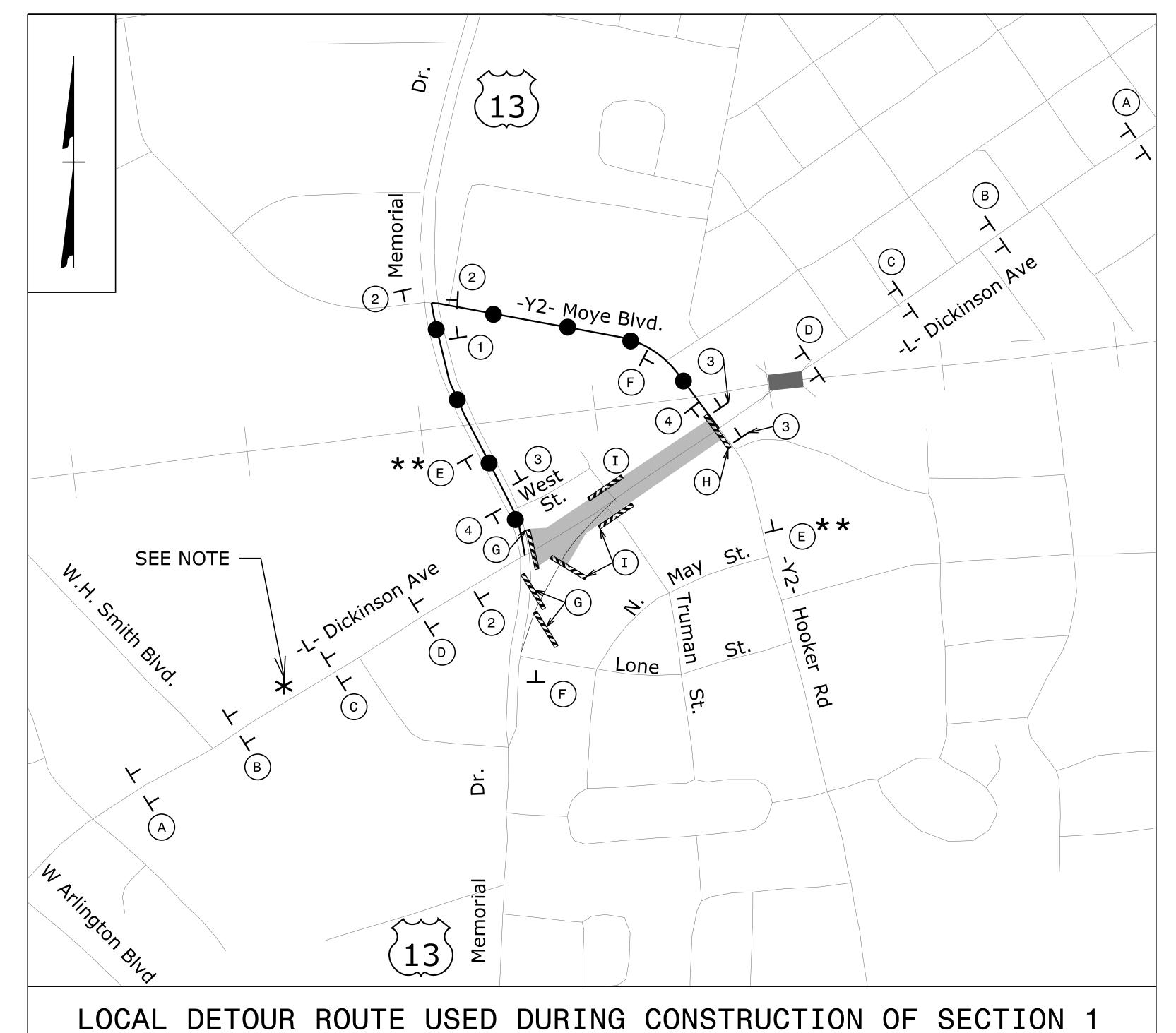
SPECIAL SIGN 42" X 24"



PROJ. REFERENCE NO

SHEET NO.

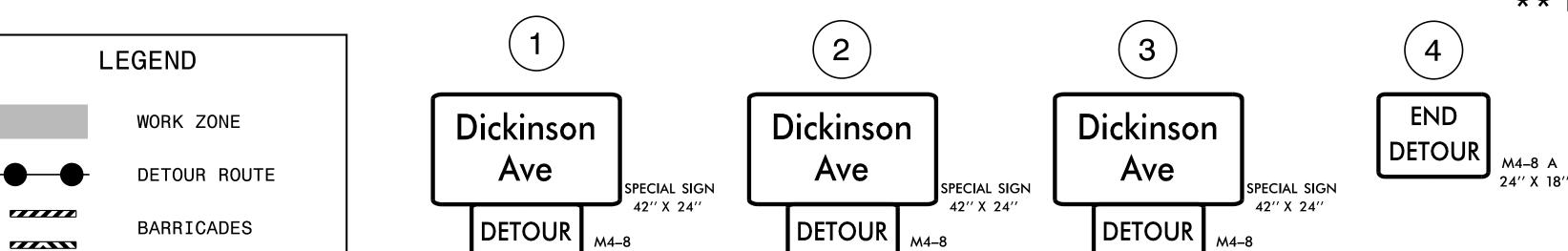
PROJ. REFERENCE NO SHEET NO. TMP-6 U-5606



(A)DETOUR CLOSED  $\bigcirc$ CLOSED 1000 FT CLOSED E ROAD ROAD CLOSED NEXT RIGHT NEXT LEFT 42" X 12" 42'' X 12'' TYPE III BARRICADE TYPE III BARRICADE 48" x 30" TYPE III BARRICADE

\* NOTE: REFER TO SHEET TMP-4 FOR THRU-TRAFFIC DETOUR ROUTE AND ASSOCIATED SIGNAGE PLACEMENT

\*\* NOTE: DRUM OFF LEFT TURN LANE TO DICKINSON AVE.

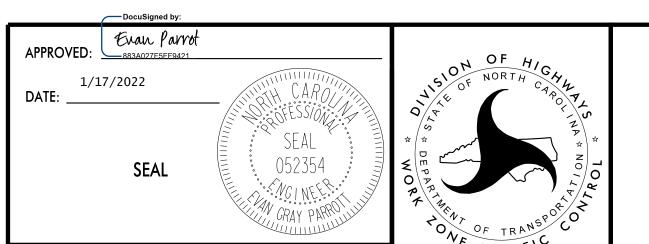


24" X 12"

M6–1 L 21" X 15"

24" X 12"

24" X 12"

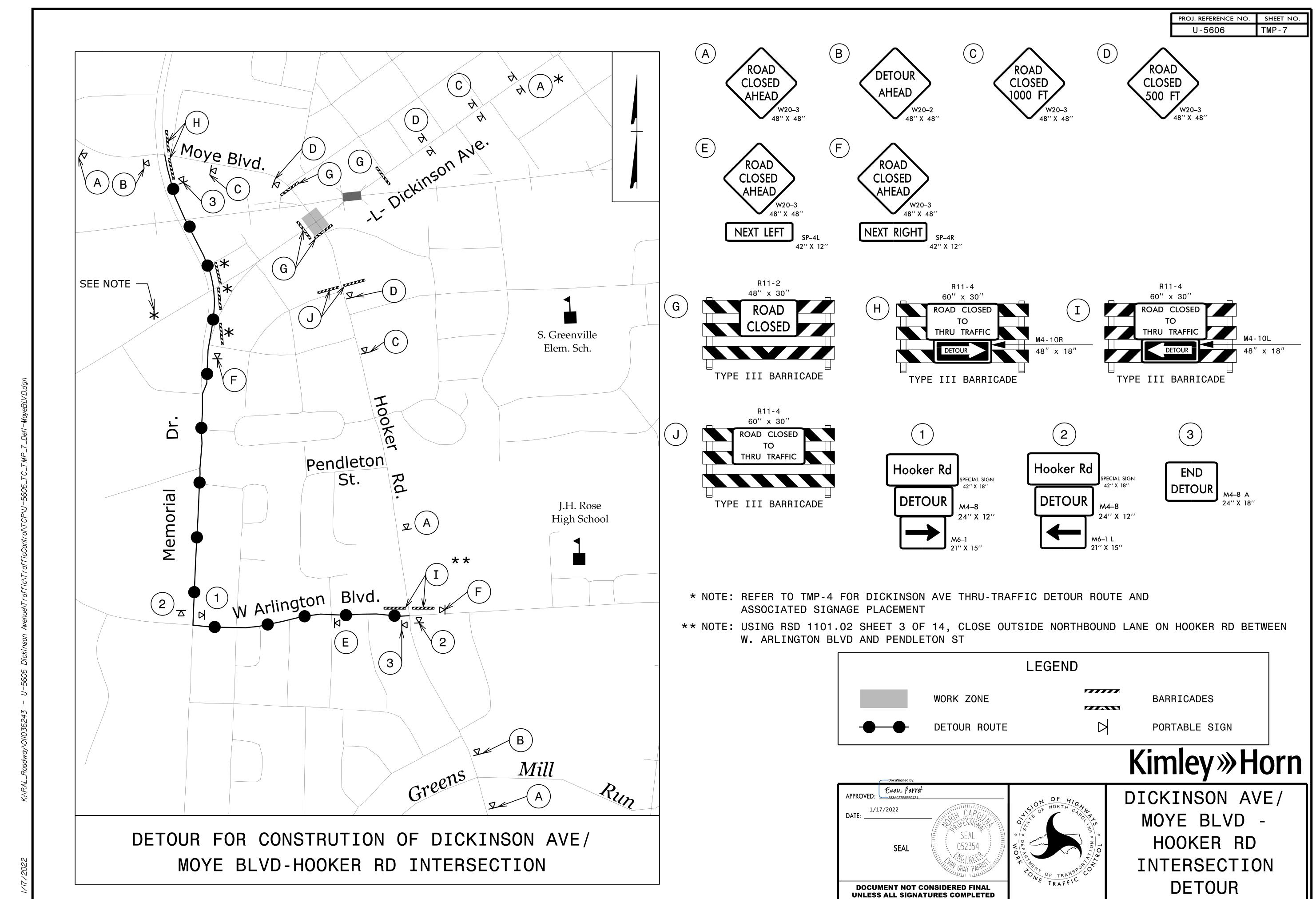


DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

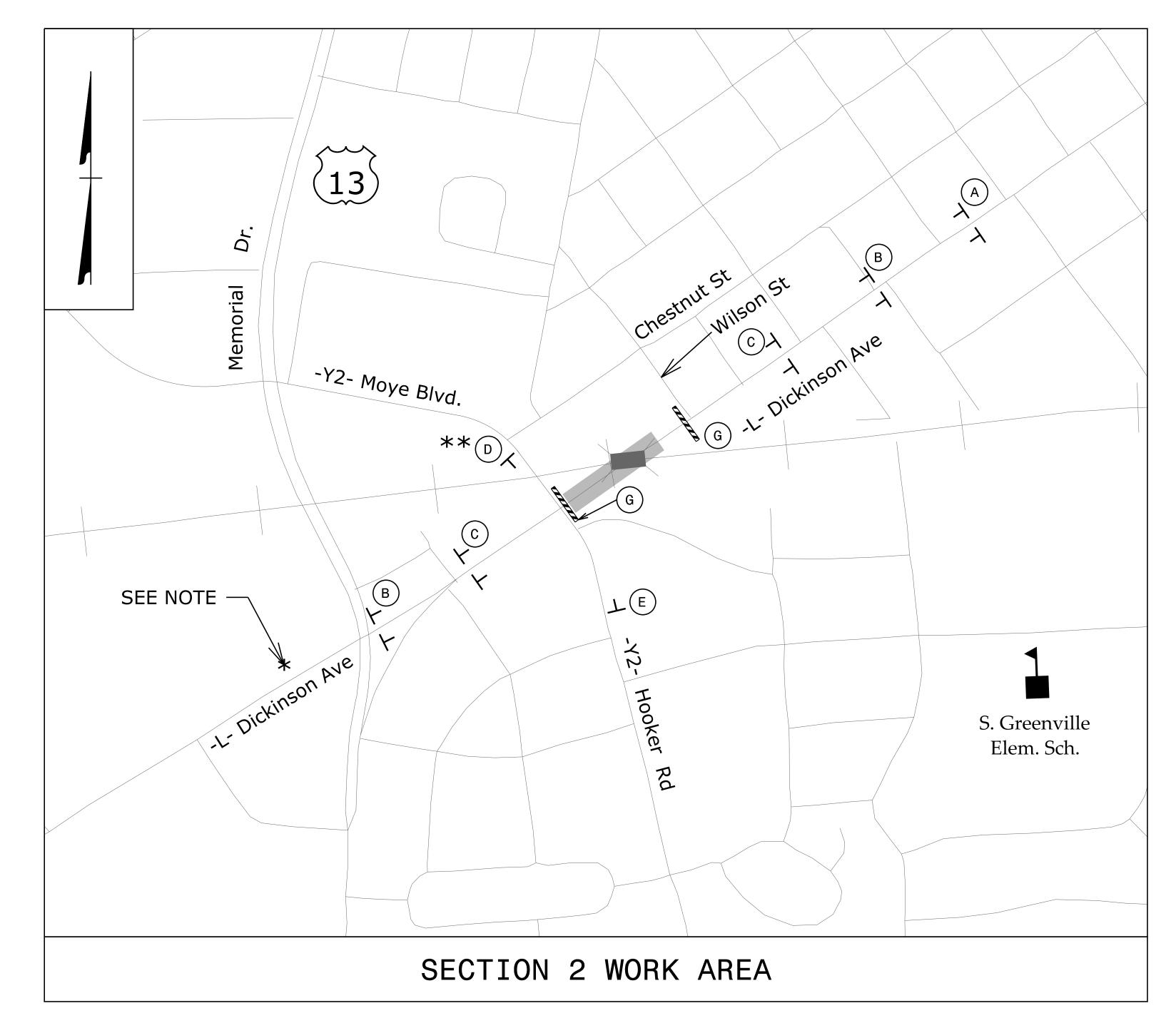
SECTION 1 LOCAL TRAFFIC **DETOUR** 

**Kimley** » Horn

STATIONARY SIGN



PROJ. REFERENCE NO. SHEET NO. TMP - 8

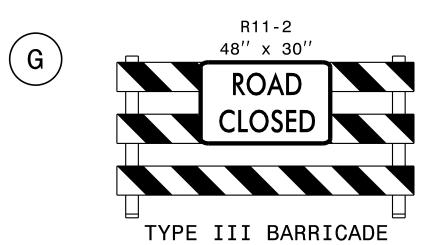


B
ROAD
CLOSED
AHEAD
W20-3
48" X 48"

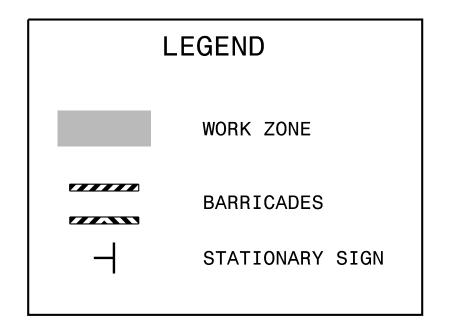
C
ROAD
CLOSED
500 FT
W20-3
48" X 48"

NEXT LEFT
SP-4L
42" X 12"

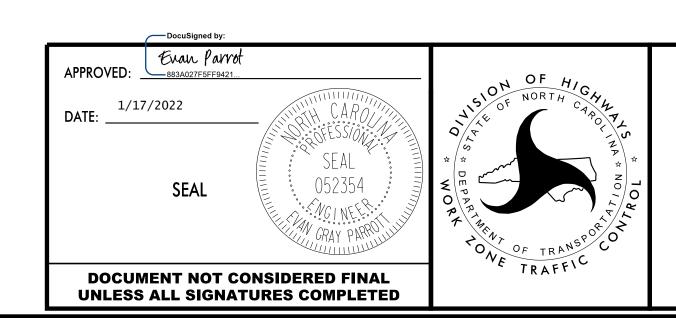
NEXT RIGHT
SP-4R
A2" Y 12"



\* NOTE: REFER TO SHET TMP-4 FOR THRU-TRAFFIC DETOUR ROUTE AND ASSOCIATED SIGNAGE PLACEMENT \*\* NOTE: USING DRUMS, CLOSE TURN LANE FROM MOYE BLVD TO DICKINSON AVE.



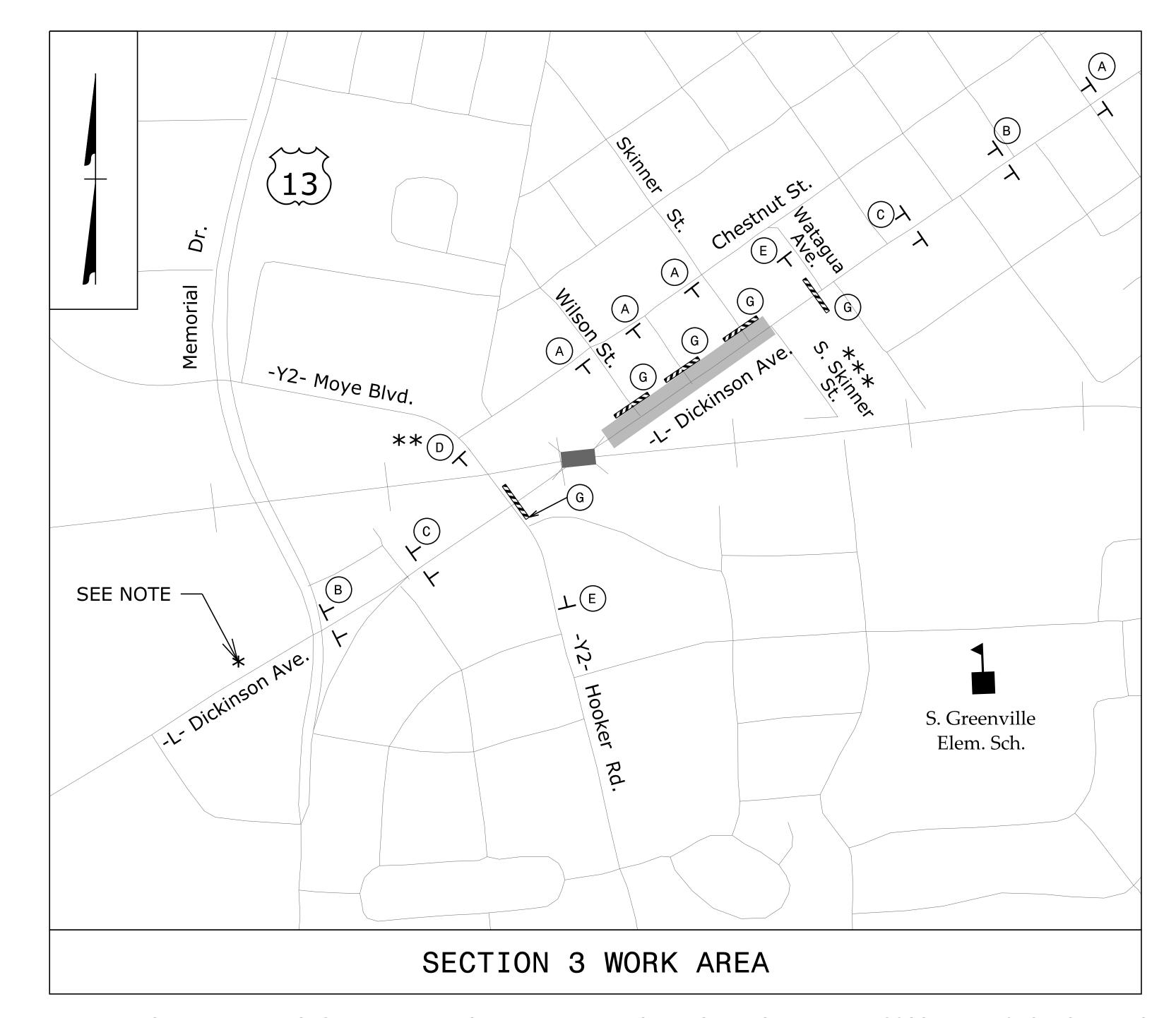
# **Kimley** » Horn



SECTION 2 CLOSURE

17/2022

PROJ. REFERENCE NO. SHEET NO. TMP-9

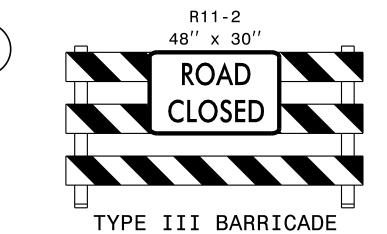


B
ROAD
CLOSED
AHEAD
W20-3
48" X 48"

ROAD
CLOSED
500 FT
W20-3
48" X 48"

NEXT LEFT
SP-4L
42" X 12"

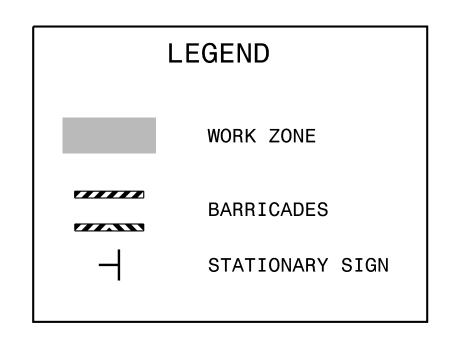
ROAD
CLOSED
SP-4R
42" X 12"



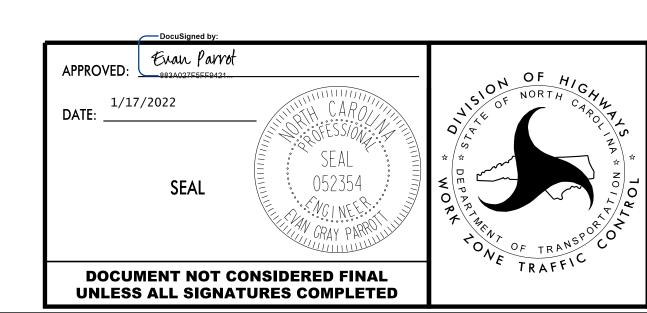
\* NOTE: REFER TO SHET TMP-4 FOR THRU-TRAFFIC DETOUR ROUTE AND ASSOCIATED SIGNAGE PLACEMENT

\*\* NOTE: USING DRUMS, CLOSE TURN LANE FROM MOYE BLVD TO DICKINSON AVE.

\*\*\* NOTE: MAINTAIN ACCESS TO S. SKINNER ST. AT ALL TIMES



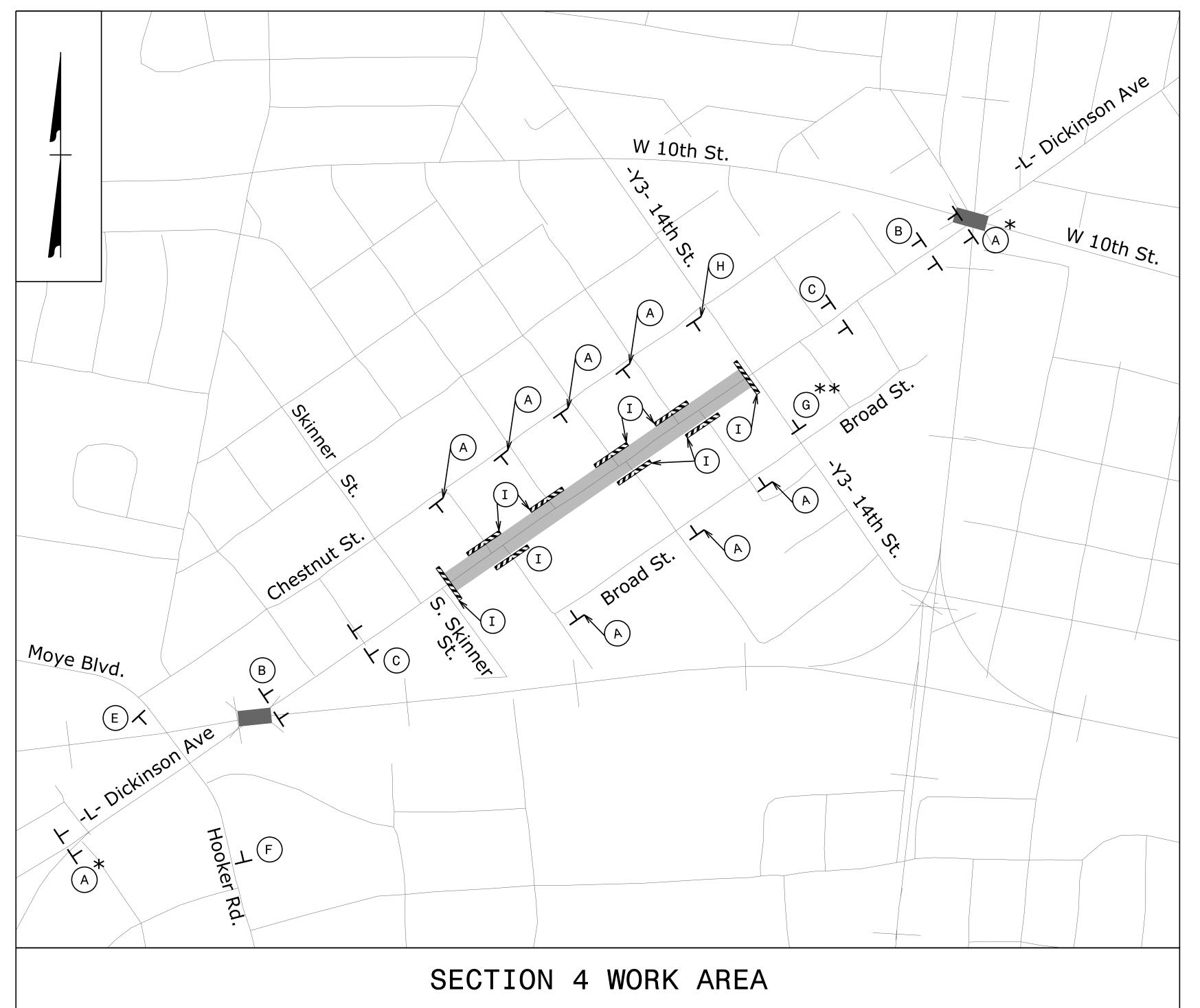
# **Kimley** » Horn

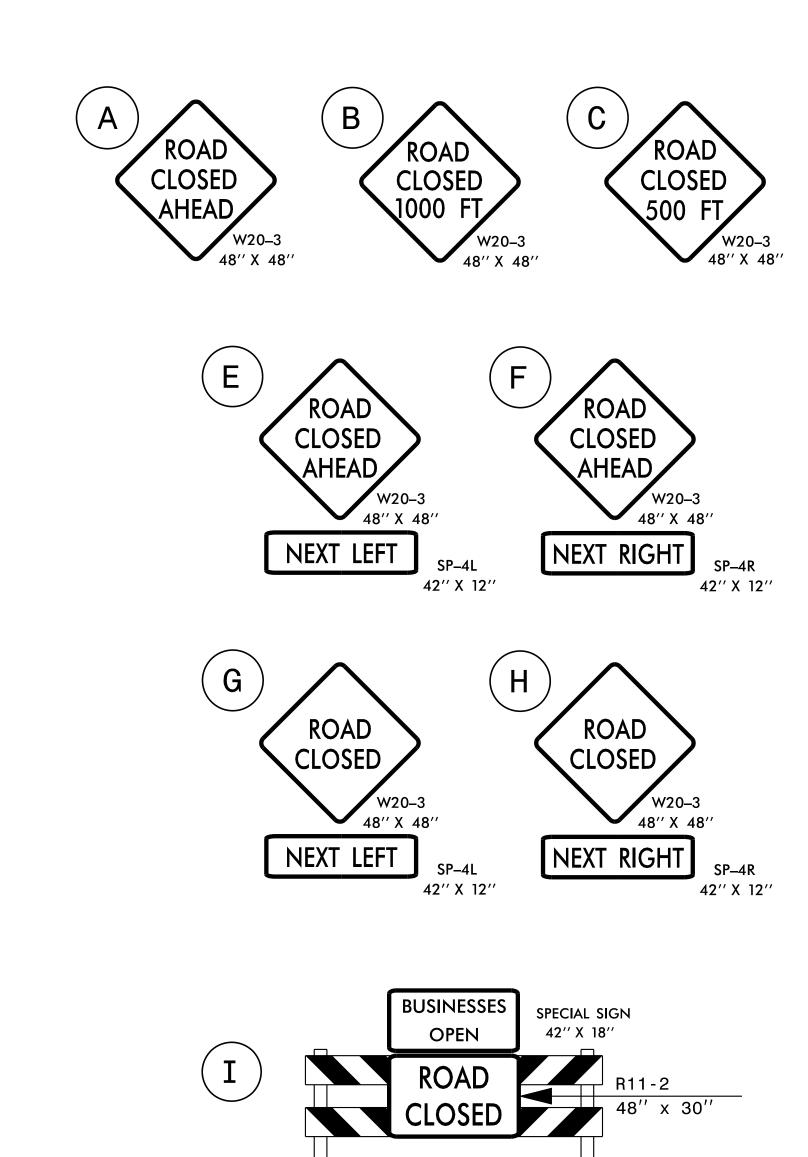


SECTION 3
CLOSURE FOR
UTILITY
CONSTRUCTION

/17/2022

PROJ. REFERENCE NO. SHEET NO. U-5606 TMP - 10





\* NOTE: REFER TO SHET TMP-4 FOR THRU-TRAFFIC DETOUR ROUTE

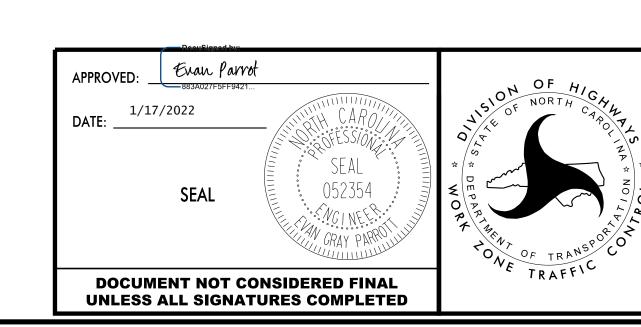
TYPE III BARRICADE

AND ASSOCIATED SIGNAGE PLACEMENT

\*\* NOTE: USING DRUMS, CLOSE TURN LEFT TURN LANE FROM

14TH STREET TO SB DICKINSON AVE.

# Kimley» Horn



SECTION 4 CLOSURE

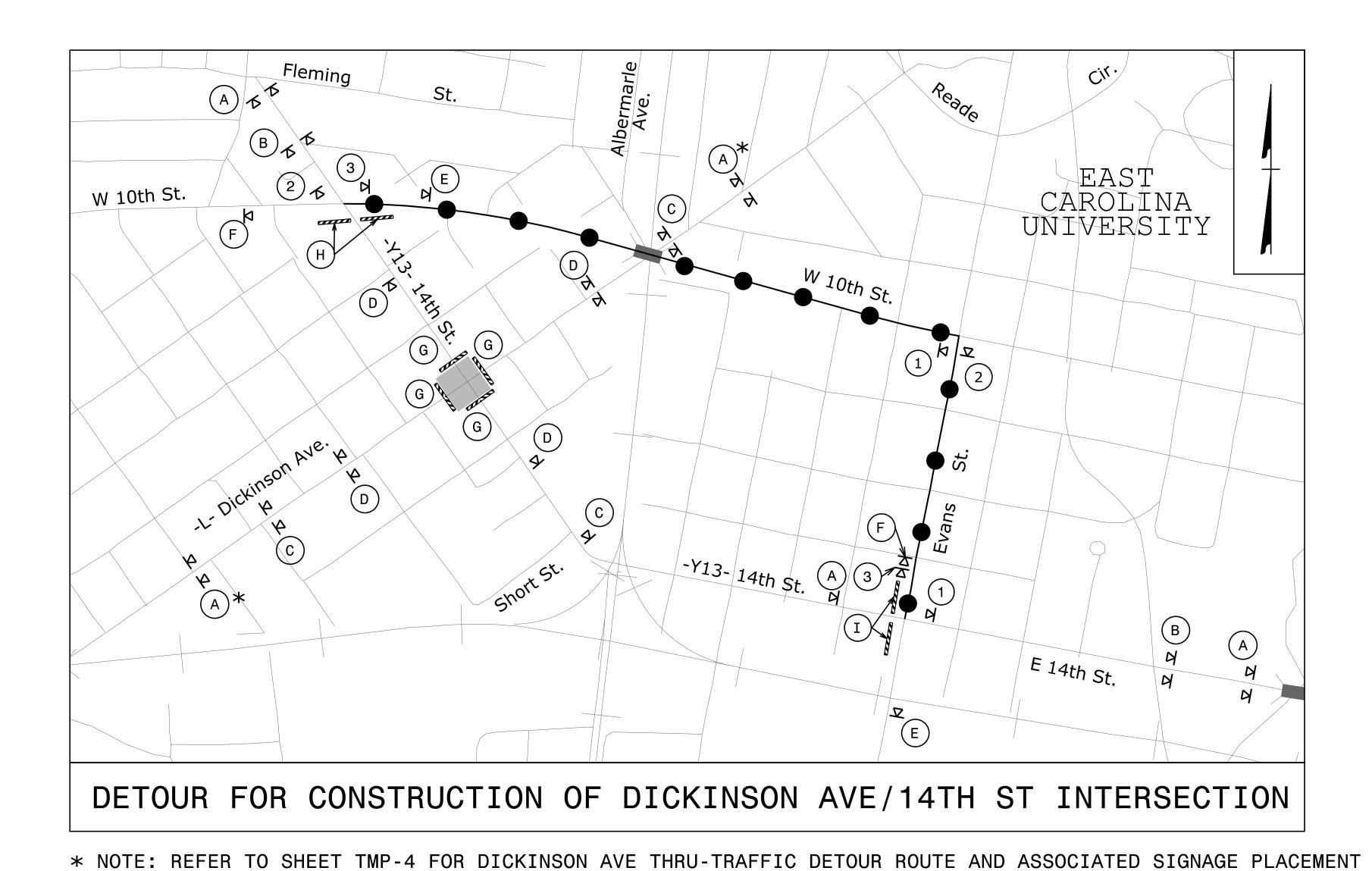
LEGEND

WORK ZONE

BARRICADES

STATIONARY SIGN

PROJ. REFERENCE NO. SHEET NO. U-5606 TMP-11



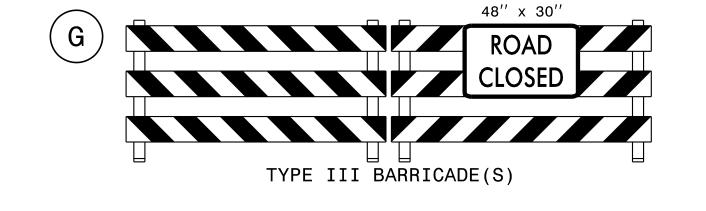
B
DETOUR
AHEAD
AHEAD
W20-3
48" X 48"

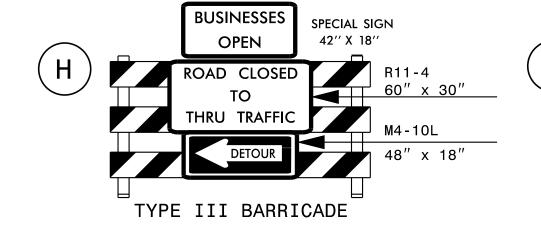
E
ROAD
CLOSED
500 FT
W20-3
48" X 48"

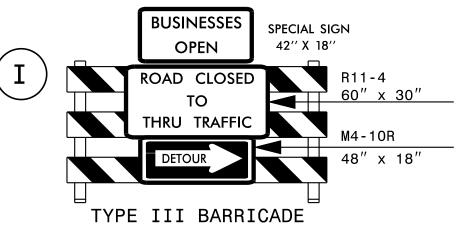
NEXT LEFT
SP-4L
42" X 12"

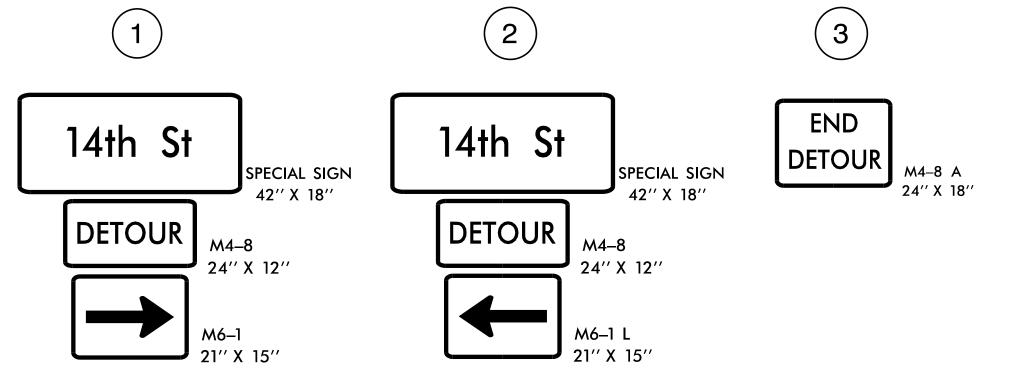
ROAD
CLOSED
AHEAD
W20-3
48" X 48"

NEXT RIGHT
SP-4R
42" X 12"









LEGEND

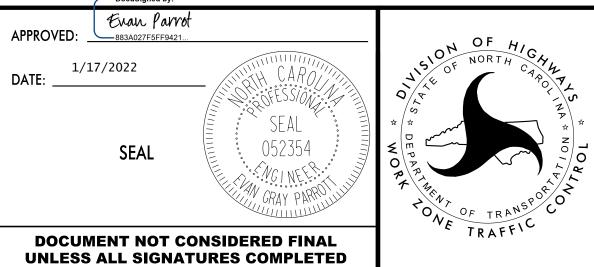
WORK ZONE

14TH ST DETOUR

BARRICADES

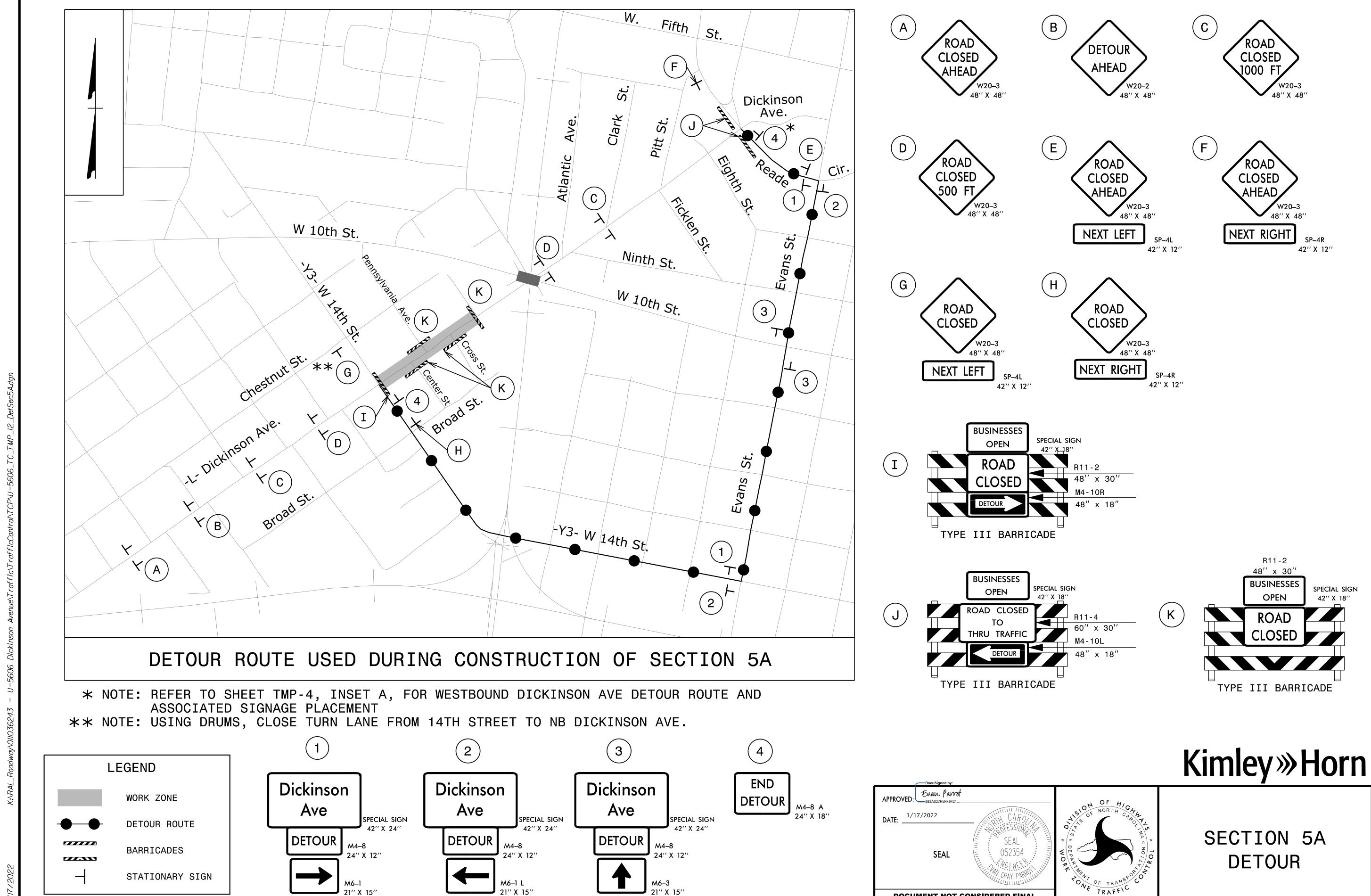
PORTABLE SIGN

Kimley» Horn



DICKINSON AVE/
14TH ST
INTERSECTION
DETOUR

17/2022



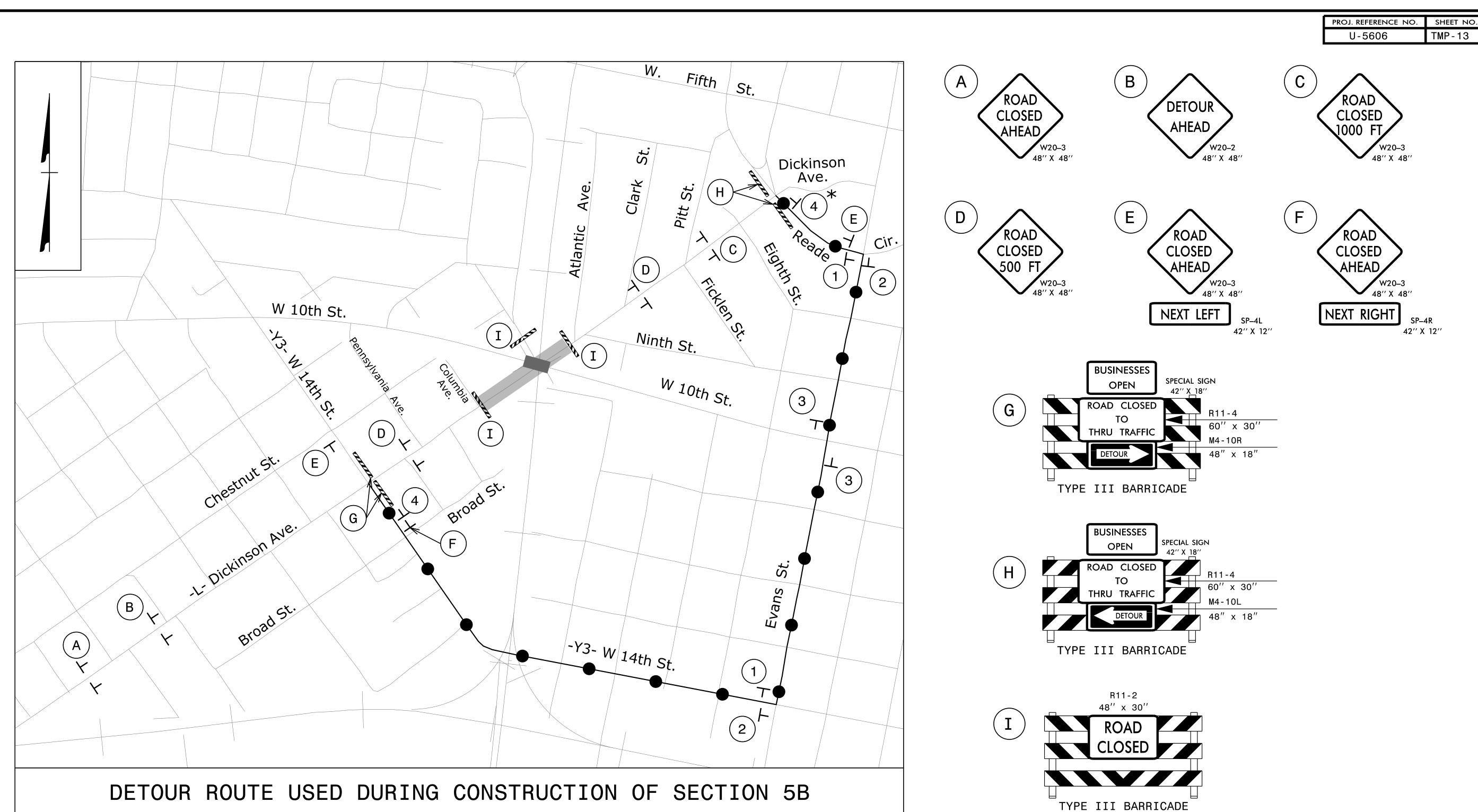
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

PROJ. REFERENCE NO

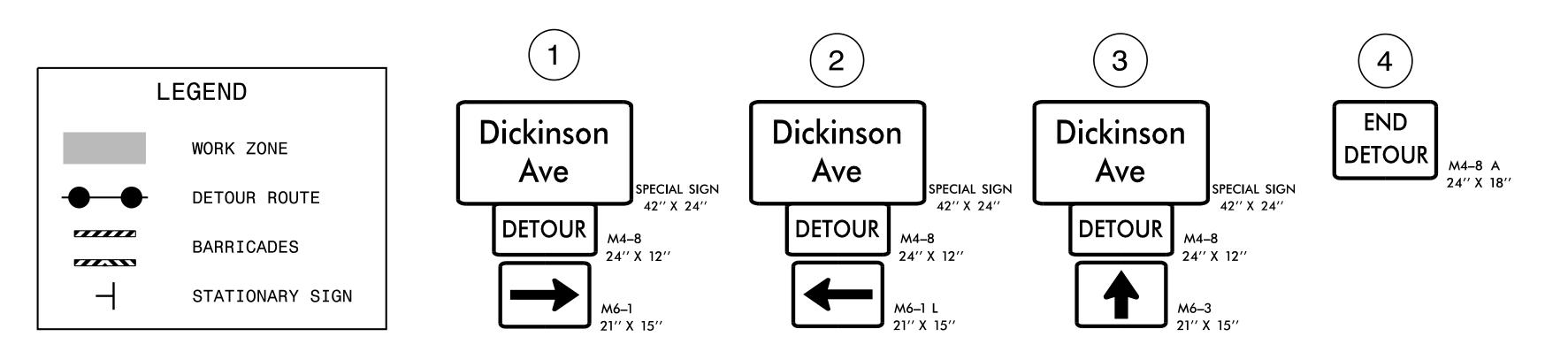
U-5606

SHEET NO.

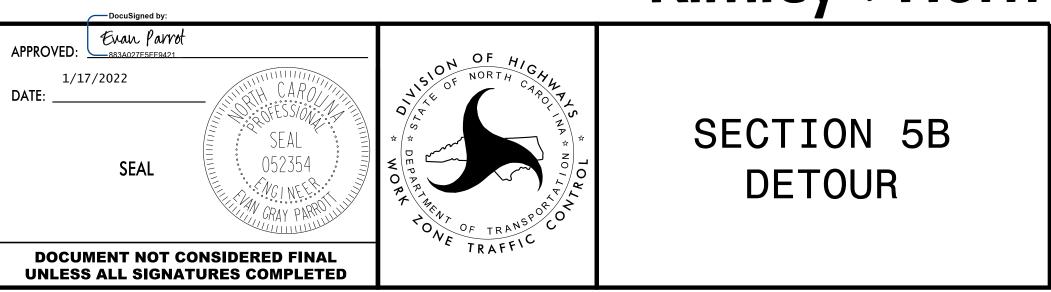
TMP-12



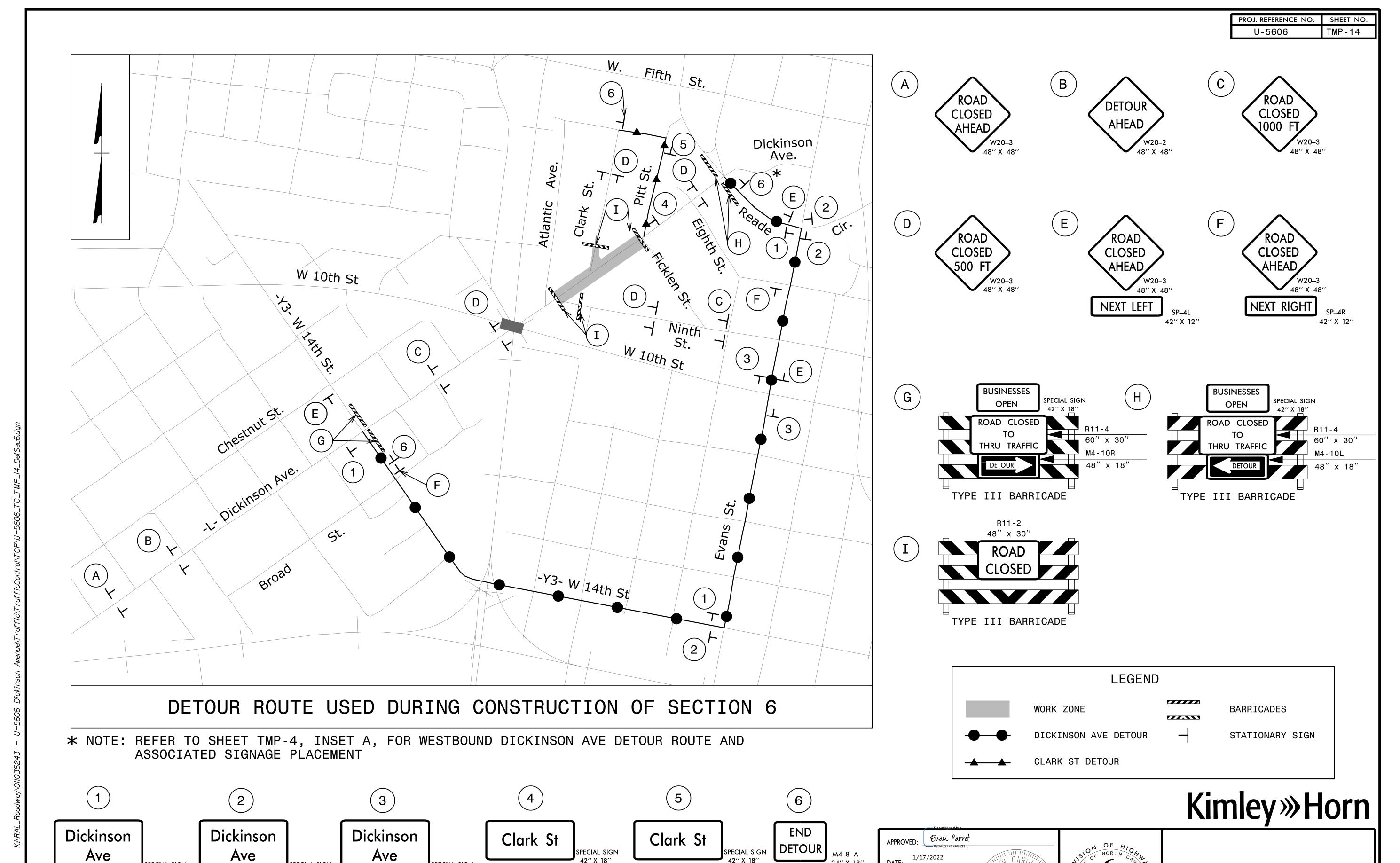
\* NOTE: REFER TO SHEET TMP-4, INSET A, FOR WESTBOUND DICKINSON AVE DETOUR ROUTE AND ASSOCIATED SIGNAGE PLACEMENT



# Kimley» Horn



DocuSign Envelope ID: 973A2243-BABF-4A82-8E93-4AB2EAA77418



DETOUR M4-8 24" X 12"

SEAL

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SECTION 6

**DETOUR** 

SPECIAL SIGN 42" X 24"

24" X 12"

DETOUR | M4-8

SPECIAL SIGN 42" X 24"

24" X 12"

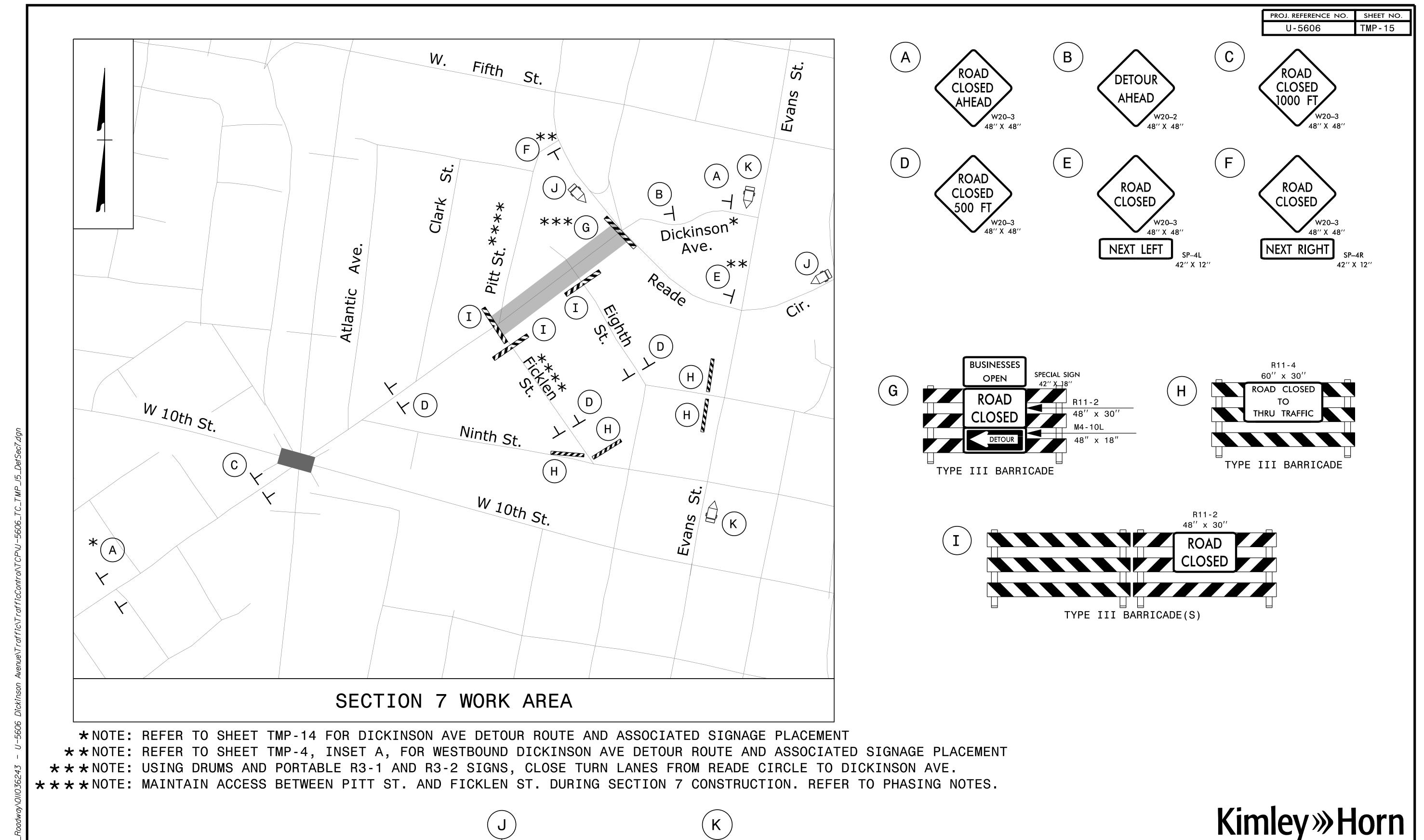
DETOUR

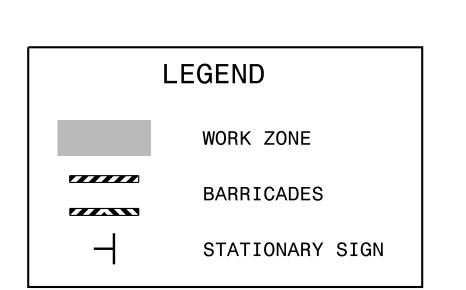
SPECIAL SIGN 42" X 24"

24" X 12"

DETOUR

24" X 12"

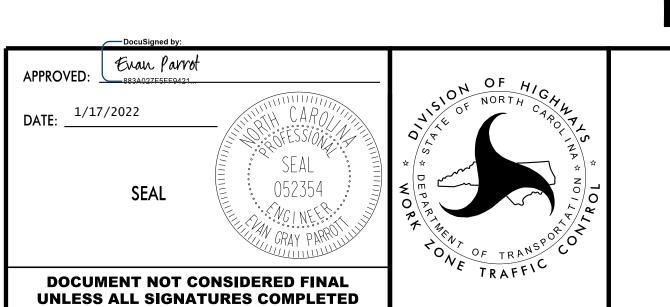




	(	J	)	
	IESSAGE NO. 2		MESSAGE NO. 1	MESSAGE NO. 2
AVE TO N	MMM/DD NEXT 3 MONTHS		DICKNSON AVE CLOSED	FOLLOW DETOUR
CHANGEABLE MESSAGE SIGN				E MESSAGE GN
ACTIVATE 1 WEEK BEFORE CLOSURE			DISPLAY AFTER C	

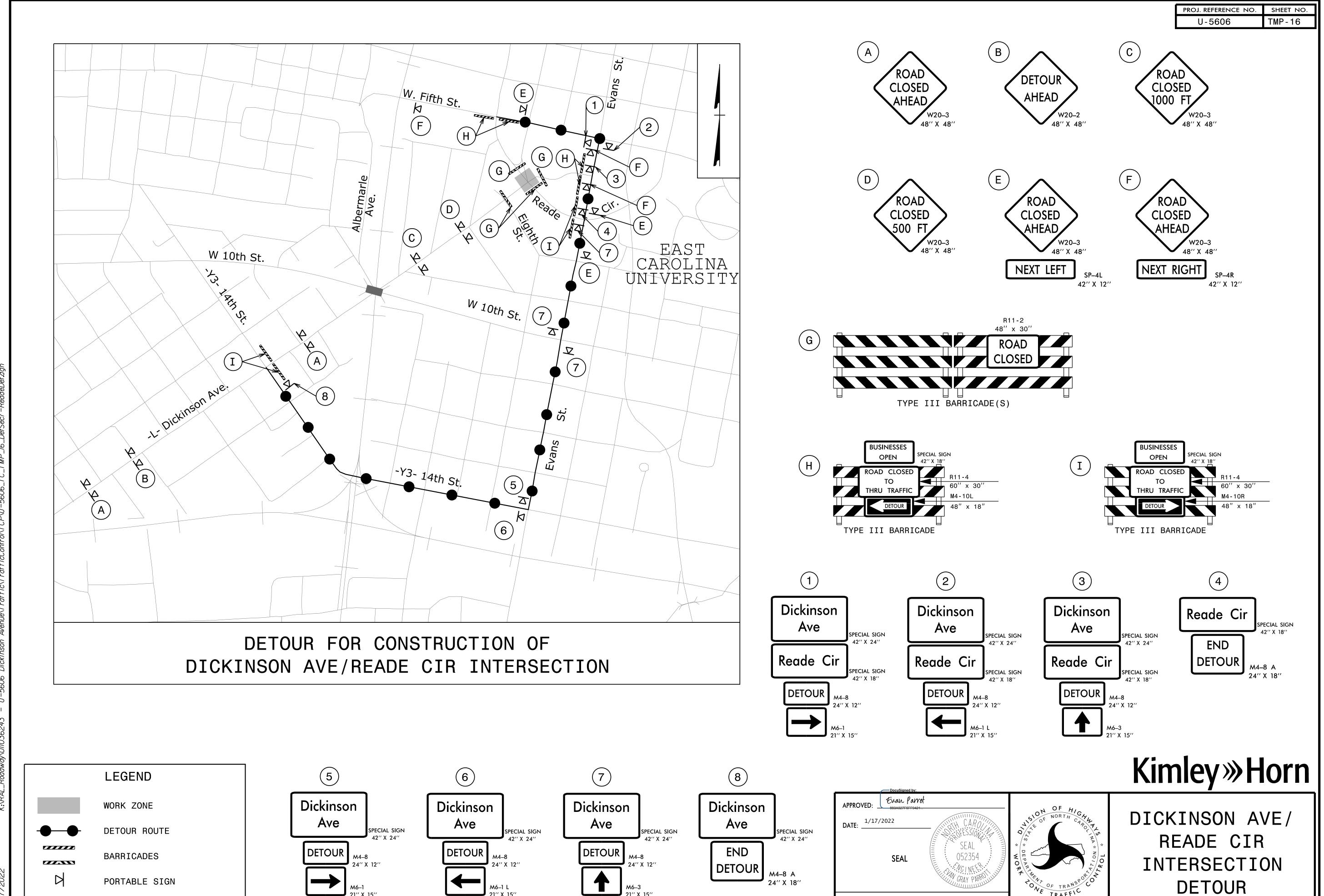
Lucator	Lucosoc		
MESSAGE NO. 1	MESSAGE NO. 2		
UPTOWN BUSINESS			
DICKNSON	ACCESS		
AVE CLSD	8TH/9TH		
CHANGEABLE MESSAGE SIGN			
ACTIVATE MESSAGE			

DURING CLOSURE



SECTION 7

CLOSURE



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