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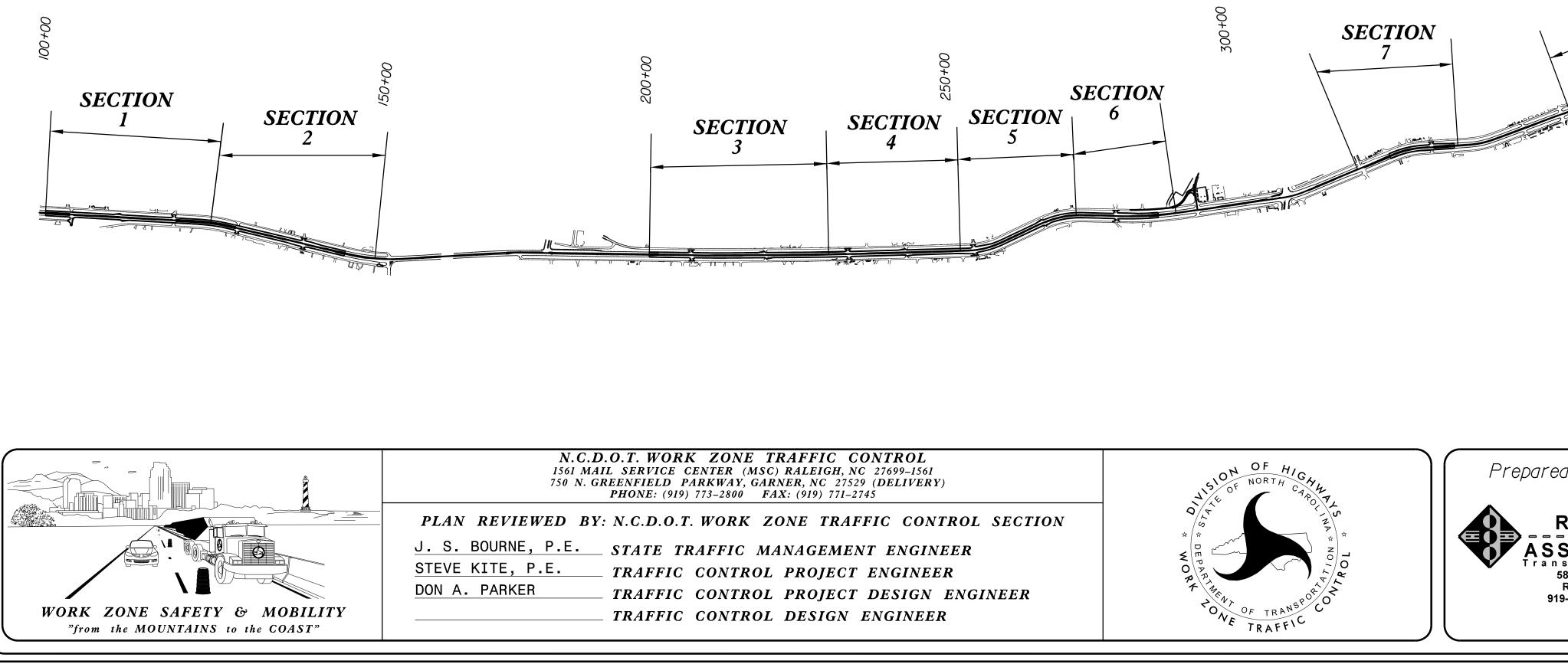
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TRANSPORTATION MANAGEMENT PLANS

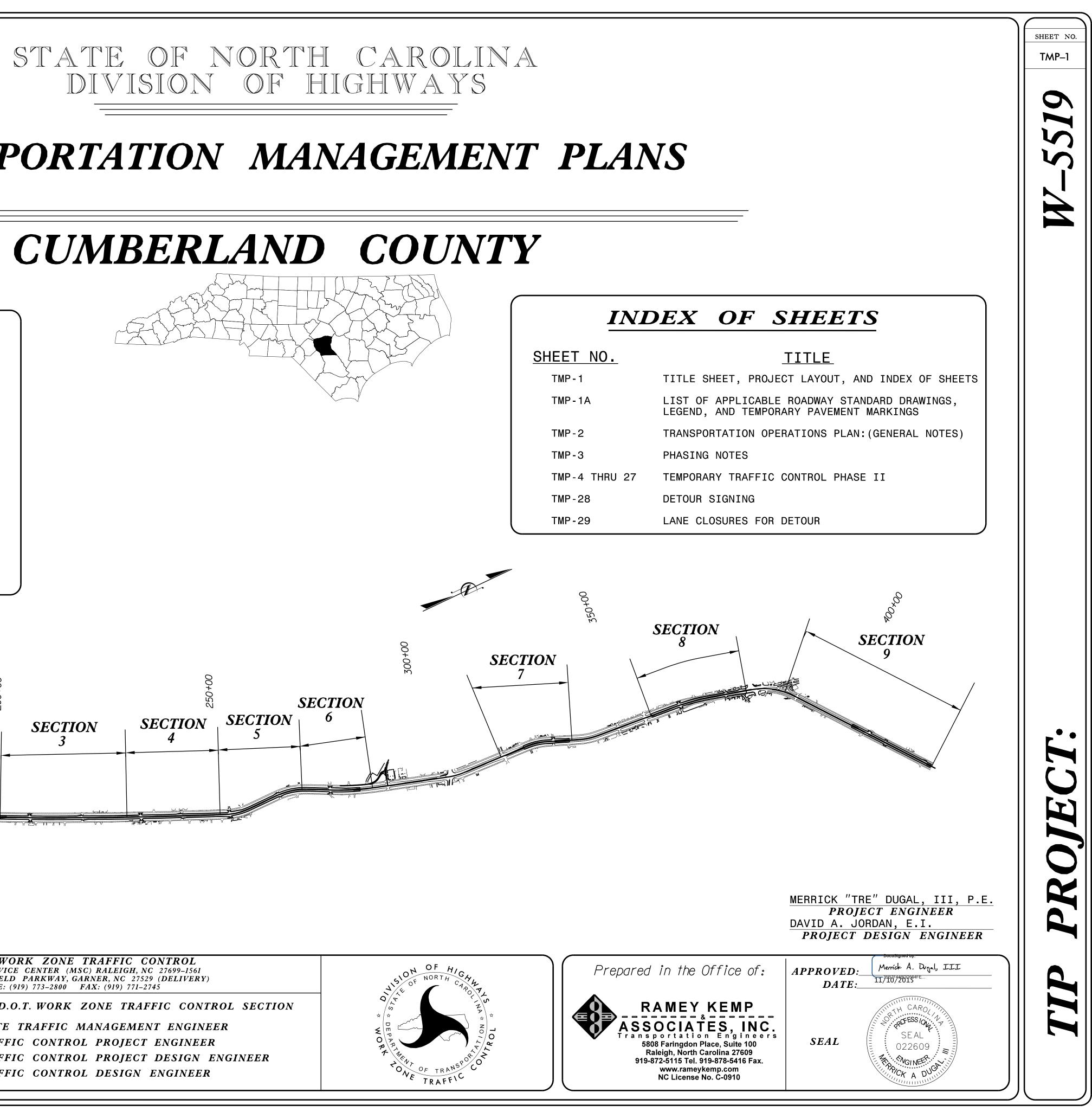
SECTIONS FOR PHASING

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START STATION	END STATION
101+00 +/-	128+00 +/-
128+00 +/-	150+45 +/-
200+25 +/-	229+50 +/-
229+50 +/-	251+00 +/-
251+00 +/-	271+00 +/-
271+00 +/-	287+30 +/-
318+00 +/-	334+40 +/-
354+20 +/-	376+95 +/-
386+00 +/-	423+98 +/-
	STATION 101+00 +/- 128+00 +/- 200+25 +/- 229+50 +/- 251+00 +/- 271+00 +/- 318+00 +/- 354+20 +/-



DIVISION OF HIGHWAYS



ROADWAY STANDARD DRAWI

REV. SEPTEMBER 2011

ROADWAY STANDARD DRAWINGS

THE FOLLOWING ROADWAY STANDARDS AS APPEAR IN "ROADWAY STANDARD DRA PROJECT SERVICES UNIT - N.C. DEPARTMENT OF TRANSPORTATION - RALEIG DATED JANUARY 2012 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE CONSIDERED A PART OF THESE PLANS:

TITLE

STD.NO.

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1101.01	WORK ZONE ADVANCE WARNING SIGNS
1101.02	TEMPORARY LANE CLOSURES
1101.03	TEMPORARY ROAD CLOSURES
1101.04	TEMPORARY SHOULDER CLOSURES
1101.05	WORK ZONE VEHICLE ACCESSES
1101.11	TRAFFIC CONTROL DESIGN TABLES
1110.01	STATIONARY WORK ZONE SIGNS
1110.02	PORTABLE WORK ZONE SIGNS
1115.01	FLASHING ARROW BOARDS
1130.01	DRUM
1135.01	CONES
1145.01	BARRICADES
1150.01	FLAGGING DEVICES
1165.01	WORK VEHICLE LIGHTING SYSTEMS AND TMA DELINEATION
1180.01	SKINNY-DRUM
	PAVEMENT MARKINGS - LINE TYPES AND OFFSETS
1205.02	PAVEMENT MARKINGS - TWO-LANE AND MULTI-LANE ROADWAYS
1205.04	PAVEMENT MARKINGS - INTERSECTIONS
1205.05	PAVEMENT MARKINGS - TURN LANES
1205.08	PAVEMENT MARKINGS - SYMBOLS AND WORD MESSAGES
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1251.01	RAISED PAVEMENT MARKERS - INSTALLATION SPACING
1251.01	RAISED PAVEMENT MARKERS - PERMANENT AND TEMPORARY
1261.01	GUARDRAIL AND BARRIER DELINEATORS - INSTALLATION SPACING
1262.01	GUARDRAIL END DELINEATION
1264.01	OBJECT MARKERS - TYPES
1264.02	OBJECT MARKERS - INSTALLATION

			W-5519 TMP-1A
NGS		LEGEND	RAMEY KEMP ASSOCIATES, INC. Transportation Engineers 5808 Faringdon Place, Suite 100 Raleigh, North Carolina 27609 919-872-5115 Tel. 919-878-5416 Fax. www.rameykemp.com NC License No. C-0910
	<u>GENERAL</u>	TEMPORARY PAVEMENT MARKING	
AWINGS" - GH, N.C.,	 DIRECTION OF TRAFFIC FLOW DIRECTION OF PEDESTRIAN TRAFFIC FLOW 	PA WHITE EDGELINE PAINT (4	
E HEREBY ARE	EXIST. PVMT. NORTH ARROW PROPOSED PVMT. TEMP. SHORING (LOCATION PURPOSES ONLY)	PBYELLOW EDGELINEPAINT (4)PC10 FT. WHITE SKIPPAINT (4)PD3 FT9 FT./SP WHITE MINISKIPPAINT (4)	4″) LF
	WORK AREA	PEWHITE SOLID LANE LINEPAINT (4)PF10 FT. YELLOW SKIPPAINT (4)	, ,
	REMOVAL	PHYELLOW SINGLE CENTERPAINT (4)PIYELLOW DOUBLE CENTERPAINT (4)	
	TRAFFIC CONTROL DEVICES BARRICADE (TYPE III)	P8 2 FT6 FT./SP WHITE MINISKIP PAINT (4 P9 2 FT6 FT./SP YELLOW MINISKIP PAINT (4	,
	CONE DRUM © SKINNY DRUM © TUBULAR MARKER 	PJ 10 FT. WHITE SKIP PAINT (10) (PN) WHITE GORELINE PAINT (10)	6") LF
	FLASHING ARROW BOARD	POWHITE DIAGONALPAINT (3)(PP)YELLOW DIAGONALPAINT (3)	8″) LF
	LAW ENFORCEMENT	P10 3 FT3 FT./SP WHITE MINISKIP PAINT (12") LF
NG	CHANGEABLE MESSAGE SIGN	P2WHITE STOP BARPAINT (2)QALEFT TURN ARROWPAINT	↑ EA
	↓ PORTABLE SIGN ↓ STATIONARY SIGN	QBRIGHT TURN ARROWPAINTQCSTRAIGHT ARROWPAINT	↑ EA
	<pre>D STATIONARY OR PORTABLE SIGN SIGNALS</pre>	QDCOMBO. LEFT/STRAIGHT ARROWPAINTQECOMBO. RIGHT/STRAIGHT ARROWPAINT	
	EXISTING PROPOSED OF MOPOSED PROPOSED	QP MERGE ARROW PAINT	← EA
	PAVEMENT MARKINGS EXISTING LINES TEMPORARY LINES		
	PAVEMENT MARKERS □ CRYSTAL/CRYSTAL □ CRYSTAL/RED ◆ YELLOW/YELLOW		
	PAVEMENT MARKING SYMBOLS		
	EXISTING PAVEMENT MARKING SYMBOLS		
		DRAWING	' STANDARD S & LEGEND
		SEAL SEAL 022609 SEAL SEAL SEAL SCALE: 1"=50' DATE: DEVELOPED BY: DAJ REVIEWED BY: MAD RKA PROJ. #: 14071	epared For: REVISIONS REVISIONS CADD FILE CADD FILE

PROJ. REFERENCE NO. SHEET NO.

ASSOCIATES, INC Transportation Enginee	
Transportation Enginee	1
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Raleigh, North Carolina 27609	
919-872-5115 Tel. 919-878-5416 Fax.	
www.rameykemp.com	
NC License No. C-0910	

E EDGELINE	PAINT (4")	LF
OW EDGELINE	PAINT (4")	LF
T. WHITE SKIP	PAINT (4")	LF
9 FT./SP WHITE MINISKIP	PAINT (4")	LF
E SOLID LANE LINE	PAINT (4")	LF
T. YELLOW SKIP	PAINT (4")	LF
OW SINGLE CENTER	PAINT (4")	LF
OW DOUBLE CENTER	PAINT (4")	LF
6 FT./SP WHITE MINISKIP	PAINT (4")	LF
6 FT./SP YELLOW MINISKIP	PAINT (4")	LF
T. WHITE SKIP	PAINT (6")	LF
E GORELINE	PAINT (8")	LF
E DIAGONAL	PAINT (8")	LF
OW DIAGONAL	PAINT (8")	LF
3 FT./SP WHITE MINISKIP	PAINT (12")	LF
E STOP BAR	PAINT (24")	LF
TURN ARROW	PAINT 5	EA
T TURN ARROW	PAINT <i>r</i>	EA
IGHT ARROW	PAINT 1	EA
0. LEFT/STRAIGHT ARROW	PAINT 📢	EA
O. RIGHT/STRAIGHT ARROW	PAINT	EA
E ARROW	PAINT <	EA

GENERAL NOTES

CHANGES MAY BE REQUIRED WHEN PHYSICAL DIMENSIONS IN THE DETAIL DRAWINGS, STANDARD DETAILS, AND ROADWAY DETAILS ARE NOT ATTAINABLE TO MEET FIELD CONDITIONS OR RESULT IN DUPLICATE OR 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.

TIME RESTRICTIONS

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A) DO NOT CLOSE OR NARROW TRAVEL LANES AS FOLLOWS FOR PHASE 1 AND 3 CONSTRUCTION ONLY:

ROAD NAME

DAY AND TIME RESTRICTIONS

-L- I-95 BUSINESS - US 301 MONDAY - FRIDAY -SR-1- GILLESPIE STREET 7:00 AM - 9:00 AM AND 4:00 PM - 6:00 PM

B) DO NOT CLOSE OR NARROW TRAVEL LANES DURING HOLIDAYS AND SPECIAL EVENTS AS FOLLOWS FOR ALL PHASES OF CONSTRUCTION:

ROAD NAME

-L- I-95 BUSINESS - US 301 -SR-1 GILLESPIE STREET

HOLIDAY

- 1. FOR ANY UNEXPECTED OCCURRENCE THAT CREATES UNUSUALLY HIGH TRAFFIC I) DO NOT INSTALL MORE THAN 1 MILE OF LANE CLOSURE ON I-95 BUSINESS -VOLUMES, AS DIRECTED BY THE ENGINEER. US 301 MEASURED FROM THE BEGINNING OF THE MERGE TAPER TO THE END OF THE LANE CLOSURE.
- 2. FOR NEW YEAR'S, BETWEEN THE HOURS OF 7:00 A.M. DECEMBER 31st TO 6:00 P.M. JANUARY 2ND. IF NEW YEAR'S DAY IS ON A FRIDAY, J) DO NOT INSTALL MORE THAN 2 SIMULTANEOUS LANE CLOSURES IN SATURDAY, SUNDAY, OR MONDAY THEN UNTIL 6:00 P.M. THE FOLLOWING ANY ONE DIRECTION ON I-95 BUSINESS - US 301. TUESDAY.
- 3. FOR EASTER, BETWEEN THE HOURS OF 7:00 A.M. THURSDAY AND 6:00 P.M. MONDAY.
- 4. FOR MEMORIAL DAY, BETWEEN THE HOURS OF 7:00 A.M. FRIDAY TO 6:00 P.M. TUESDAY.
- 5. FOR INDEPENDENCE DAY, BETWEEN THE HOURS OF 7:00 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 7:00 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 7:00 A.M. FRIDAY AND 6:00 P.M. TUESDAY.
- 7. FOR THANKSGIVING DAY, BETWEEN THE HOURS OF 7:00 A.M. TUESDAY TO 6:00 P.M. MONDAY.
- 8. FOR CHRISTMAS, BETWEEN THE HOURS OF 7:00 A.M. THE FRIDAY BEFORE THE WEEK OF CHRISTMAS DAY AND 6:00 P.M. THE FOLLOWING TUESDAY AFTER THE WEEK OF CHRISTMAS.
- 9. FOR EVENTS OCCURRING AT THE CROWNE COMPLEX, BETWEEN 2 HOURS BEFORE THE START OF THE EVENT AND 2 HOURS AFTER THE END OF THE EVENT

C) DO NOT CLOSE ROADS AS FOLLOWS:

ROAD NAME	DAY AND TIME RESTRICTIONS	DURATIC OPERAT
-L- I-95 BUSINESS - US 301	MONDAY- SUNDAY	UNDERGF
-SR-1- GILLESPIE STREET	6:00 AM - 10:00 PM	UTILITY IN

				DECUTDEMENTS
LANE	AND	SHUULDER	ULUSURE	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.
- H) DO NOT WORK SIMULTANEOUSLY WITHIN 15 FT ON BOTH SIDES OF AN OPEN TRAVELWAY, RAMP, OR LOOP WITHIN THE SAME LOCATION UNLESS PROTECTED WITH GUARDRAIL OR BARRIER.
- K) PROVIDE A MINIMUM OF 2 MILES BETWEEN LANE CLOSURES, MEASURED FROM THE END OF ONE CLOSURE TO THE FIRST SIGN OF THE NEXT LANE CLOSURE.

PAVEMENT EDGE DROP OFF REQUIREMENTS

L) 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.

M) 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) 350 FT IN ADVANCE AND A MINIMUM OF EVERY HALF MILE THROUGHOUT THE UNEVEN AREA.

TRAFFIC PATTERN ALTERATIONS

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

SIGNING

0) PROVIDE SIGNING DEVICES REQUIRED TO CLOSE THE ROAD ACCORDING TO THE ION AND ROADWAY STANDARD DRAWINGS AND TRAFFIC CONTROL PLANS. TION

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

NSTALLATION

COVER OR REMOVE ALL SIGNS AND DEVICES REQUIRED FOR THE OFF-SITE DETOUR WHEN THE DETOUR IS NOT IN OPERATION.

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

R) INSTALL BLACK ON ORANGE "DIP" SIGNS (W8-2) AND/OR "BUMP" SIGNS (W8-1) 350 FT IN ADVANCE OF THE UNEVEN AREA, OR AS DIRECTED BY THE ENGINEER.

TRAFFIC CONTROL DEVICES

S) 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.**

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

U) 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

ROAD NAME

I-95 BUSINESS - US 301

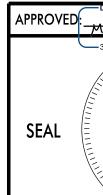
X) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.

Y) REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKINGS AND MARKERS BY THE END OF EACH DAY'S OPERATION.

Z) TRACE THE PROPOSED MONOLITHIC ISLAND LOCATIONS WITH PROPER COLOR PAVEMENT MARKINGS PRIOR TO INSTALLATION. PLACE DRUMS TO DELINEATE ANY PROPOSED MONOLITHIC ISLANDS BEFORE INSTALLATION

MISCELLANEOUS

AA) LAW ENFORCEMENT MAY BE USED TO MAINTAIN TRAFFIC THROUGH THE WORK AREA AND/OR INTERSECTIONS AS DIRECTED BY THE ENGINEER.



PROJ. REFERENCE NO.

W-5519

SHEET NO. TMP - 2

RAMEY KEMP ---- & ----ASSOCIATES, INC. ansportation Engineer 808 Faringdon Place, Suite 100

Raleigh, North Carolina 27609 919-872-5115 Tel. 919-878-5416 Fax.

www.rameykemp.com NC License No. C-0910

P) COVER OR REMOVE ALL SIGNS AND DEVICES REQUIRED TO CLOSE THE ROAD WHEN ROAD CLOSURE IS NOT IN OPERATION.

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

MARKING

PAINT

MARKER

NONE

W) 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.

-DocuSigned by: Merrick A. Dugal, ILT -35B7F44BPP664HELITT -35B7F44BPP664HELITT CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO CARO	TRA	ANSPORTAT: RATIONS P	
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MANAGEMENT STRATEGY

I-95 BUSINESS/US 301 IS A FOUR-LANE DIVIDED ROADWAY WITH SEVERAL MEDIA CROSSOVERS CONNECTING TO THE ADJACENT SERVICE ROADS ON EACH SIDE. THIS CONSISTS OF UPGRADING THIS FACILITY TO A SUPERSTREET DESIGN BY CLOSING THESE DIRECT CONNECTIONS AND CREATING LIMITED LEFT TURNING MOVEMENTS. OF THIS TRAFFIC MANAGEMENT PLAN IS TO COMPLETE THE IMPROVEMENTS ON THE LANES OF 1-95 BUSINESS/US 301 AND SERVICE ROADS DURING PHASE 1 USING T DAILY LANE CLOSURES. PHASE 2 WILL CONSIST OF LONG TERM LANE CLOSURES T THE MEDIAN IMPROVEMENTS IN SECTIONS AS DESCRIBED BELOW.

THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL EXISTING DRIVEWAYS AS DIRE THE ENGINEER. CONSTRUCTION SHALL INCLUDE UTILITY, DRAINAGE, AND PAVEME IMPROVEMENTS WHERE POSITIVE DRAINAGE WILL BE REQUIRED AT ALL TIMES.

PHASING NOTES

CONTRACTOR SHALL INSTALL CMS TWO WEEKS PRIOR TO WORK BEGINNING.

PHASE 1 (DETAIL DRAWINGS NOT SHOWN)

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STEP 1: INSTALL WORK ZONE ADVANCE WARNING SIGNS (SEE RSD 1101.01).

NOTE: STEPS 2 THRU 4 MAY BE DONE CONCURRENTLY.

STEP 2: USING RSD 1101.02 (SHEET 3 OF 15) CLOSE THE OUTSIDE (NORTHBOUN SOUTHBOUND) LANE OF I-95 BUSINESS TO CONSTRUCT IMPROVEMENTS ALONG I-95 OUTSIDE SHOULDER. CONSTRUCT UP TO THE EDGE AND ELEVATION OF THE EXISTI PAVEMENT INCLUDING DRAINAGE, UNLESS OTHERWISE SHOWN IN PHASE 2. SEE ED OFF REQUIREMENTS IN GENERAL NOTES. APPLY TEMPORARY PAVEMENT MARKINGS A

STEP 3: USING RSD 1101.02 (SHEET 1 OF 15) UNDER FLAGGER CONTROL, CONST SERVICE ROAD AND CONNECTIONS FROM SERVICE ROAD TO I-95 BUSINESS IMPROV WITHIN THE PROJECT LIMITS. PLACE BARRICADES WITH DETOUR SIGNING ALONG OF PAVEMENT OF -L- (I-95 BUSINESS) AND SERVICE ROADS AT CROSSOVER LOCA MAINTAIN ACCESS TO NEARBY CROSSOVER WITHIN 1 MILE OF WORK AREA AT ALL

STEP 4: -SR1- (GILLESPIE STREET), WHILE MAINTAINING EXISTING TRAFFIC P AWAY FROM TRAFFIC CONSTRUCT ALL WORK ON NEW LOCATION UP TO BUT NOT INC THE FINAL SURFACE COURSE AND INCLUDING DRAINAGE AND UTILITY WORK.

STEP 5: -SR1- (GILLESPIE STREET), UNDER FLAGGER OPERATION, CONSTRUCT T UP TO BUT NOT INCLUDING THE FINAL SURFACE COURSE. INSTALL TEMPORARY PA MARKINGS AS NECESSARY.

STEP 6: (AT CONTRACTOR'S OPTION) -SR1- (GILLESPIE STREET), UNDER FLAGG OPERATION, PLACE FINAL LAYER OF SURFACE COURSE AND APPLY FINAL PAVEMEN MARKINGS AND MARKERS ON -SR1- AND -Y14- AS SHOWN IN THE PAVEMENT MARKI

STEP 7: -SR1- (GILLESPIE STREET), TRANSFER TRAFFIC TO NEW ALIGNMENT, R TRAFFIC CONTROL DEVICES AND OPEN ROAD TO TRAFFIC.

PHASE 2 (SEE TMP-4 THRU TMP-29)

CONSTRUCTION SHALL BE PERFORMED USING THE FOLLOWING SEQUENCES. CONSTRU BE COMPLETED WITHIN EACH SECTION/SET PRIOR TO BEGINNING WORK IN A NEW APPROPRIATE SIGNING AND TRAFFIC CONTROL DEVICES SHALL BE RELOCATED TO SECTION PRIOR TO BEGINNING ANY WORK ACTIVITIES IN THIS NEXT SECTION/SE SEQUENCE.

<u>**PHASE 2A</u></u> - CONSTRUCT SET 1, SECTIONS 6 AND 2 (WORK IN SECTIONS 6 AND 2 MAY BE DONE CONCURRENTLY)</u>**

SECTION 6 -L- STA 271+00 +/- TO 287+30 +/- (TMP-16 THRU TMP-19) SECTION 2 -L- STA 128+00 +/- TO 150+45 +/- (TMP-6 THRU TMP-9)

STEP 1: INSTALL WORK ZONE ADVANCED WARNING SIGNS (SEE RSD 1101.01)

STEP 2: USING RSD 1101.02 (SHEET 1 OF 15) FOR DRAINAGE CONSTRUCTION USERVICE ROADS

STRUCTURE 1613 TO 1614, +/- STA. 272+70 STRUCTURE 1716 TO 1715, +/- STA. 286+70

STEP 3: USING RSD 1101.02 (SHEET 3 OF 15) FOR DRAINAGE CONSTRUCTION UN BUSINESS/US 301 OUTSIDE LANE

STRUCTURE 1614 AND 1616 TO 1615, +/- STA. 272+70 STRUCTURE 1715 AND 1713 TO 1714, +/- STA. 286+70

NOTE: CONTINUE TO CONSTRUCT DRAINAGE SYSTEM, PROGRESSING FROM OUTFALL LIMITS. IF INSIDE LANE CLOSURES ARE IN EFFECT, USE RSD 1101.02 (SHEET COMPLETE DRAINGE CONSTRUCTION. (MAY BE DONE CONCURRENTLY WITH STEP 4.)

STEP 4: USING RSD 1101.02 (SHEET 3 OF 15) CLOSE THE INSIDE NORTHBOUND SOUTHBOUND LANES OF -L- (I-95 BUSINESS/US 301) AND CONSTRUCT MEDIAN IM

SURFACE COURSE. INCLUDING DRAINAGE, CONCRETE MONOLITHIC ISLANDS, UP TO BUT NOT INCLUDIN STEP 5: UPON COMPLETION OF ALL WORK WITHIN PHASE 2A, REMOVE TRAFFIC CO DEVICES, INSTALL TEMPORARY PAVEMENT MARKINGS AS NECESSARY AND OPEN ALL TRAFFIC.

	<u>PHASE 2B</u> - CONSTRUCT SET 2, SECTIONS 5 AND 1 (WORK IN SECTIONS 5 AND 1 MAY BE DONE CONCURRENTLY)	
	SECTION 5 -L- STA 251+00 +/- TO 271+00 +/- (TMP-15 THRU TMP-16) SECTION 1 -L- STA 101+00 +/- TO 128+00 +/- (TMP-4 THRU TMP-5)	
AN S PROJECT	STEP 1: INSTALL WORK ZONE ADVANCED WARNING SIGNS (SEE RSD 1101.01)	
IG SOME OF THE INTENT IE OUTSIDE TEMPORARY TO PERFORM	STEP 2: USING RSD 1101.02 (SHEET 1 OF 15) CLOSE THE INSIDE NORTHBOUND AND SOUTHBOUND LANES OF -L-(I-95 BUSINESS/US 301) AND CONSTRUCT MEDIAN IMPROVEMENT INCLUDING DRAINAGE, CONCRETE MONOLITHIC ISLANDS, UP TO BUT NOT INCLUDING THE FINAL SURFACE COURSE.	NOTE
ECTED BY	STEP 3: UPON COMPLETION OF ALL WORK WITHIN PHASE 2B, REMOVE TRAFFIC CONTROL DEVICES, INSTALL TEMPORARY PAVEMENT MARKINGS AS NECESSARY AND OPEN ALL LANES T TRAFFIC.	
	<u>PHASE 2C</u> - CONSTRUCT SET 3, SECTIONS 4 AND 9 (WORK IN SECTIONS 4 AND 9 MAY BE DONE CONCURRENTLY)	STEP NORT CONS MONO
	SECTION 4 -L- STA 229+50 +/- TO 251+00 +/- (TMP-13 THRU TMP-15) SECTION 9 -L- STA 386+00 +/- TO 423+98 +/- (TMP-25 THRU TMP-27)	COUR
	STEP 1: INSTALL WORK ZONE ADVANCED WARNING SIGNS (SEE RSD 1101.01)	STEP CONT OPEN
	STEP 2: USING RSD 1101.02 (SHEET 3 OF 15) FOR DRAINAGE CONSTRUCTION UNDER I-95 BUSINESS/US 301 OUTSIDE LANE	
IND AND/OR 05 BUSINESS	STRUCTURE 1419 AND 1417 TO 1418, +/- STA. 249+80 STRUCTURE 1413 TO 1414, +/- STA. 245+70 STRUCTURE 1326 AND 1324 TO 1325, +/- STA. 237+35 STRUCTURE 1314 TO 1313, +/- STA. 230+90	STEP
ING DGE DROP AS NEEDED.	NOTE: CONTINUE TO CONSTRUCT DRAINAGE SYSTEM, PROGRESSING FROM OUTFALL TO SECTION LIMITS. IF INSIDE LANE CLOSURES ARE IN EFFECT, USE RSD 1101.02 (SHEET 6 OF 15) TO COMPLETE DRAINAGE CONSTRUCTION. (MAY BE DONE CONCURRENTLY WITH STEP 3.)	UNDE
STRUCT OVEMENTS THE EDGE CATIONS. TIMES.	STEP 3: USING RSD 1101.02 (SHEET 3 OF 15) CLOSE THE INSIDE NORTHBOUND AND SOUTHBOUND LANES OF -L- (I-95 BUSINESS/US 301) AND CONSTRUCT MEDIAN IMPROVEMENTS INCLUDING DRAINAGE,CONCRETE MONOLITHIC ISLANDS, UP TO BUT NOT INCLUDING THE FINAL SURFACE COURSE.	UNDE
PATTERN, ICLUDING	STEP 4: USING RSD 1101.02 (SHEET 3 OF 15) CLOSE THE INSIDE EASTBOUND AND WESTBOUND LANES OF SR 2311 (GILLESPIE ST.) AND REMOVE MEDIAN OPENING LOCATED APPROXIMATELY 300 FEET WEST OF I-95 BUSINESS/US 301.	STEP UNDE
TIE POINTS PAVEMENT	STEP 5: UPON COMPLETION OF ALL WORK WITHIN PHASE 2C, REMOVE TRAFFIC CONTROL DEVICES, INSTALL TEMPORARY PAVEMENT MARKINGS AS NECESSARY AND OPEN ALL LANES TO TRAFFIC.	NOTE TO S
GER NT (ING PLAN.	<u>PHASE 2D</u> - CONSTRUCT SET 4, SECTIONS 3 AND 8 (WORK IN SECTIONS 3 AND 8 MAY BE DONE CONCURRENTLY)	1101 DONE STEP
REMOVE	SECTION 3 -L- STA 200+25 +/- TO 229+50 +/- (TMP-10 THRU TMP-13) SECTION 8 -L- STA 354+20 +/- TO 376+95 +/- (TMP-21 THRU TMP-25)	AND MEDI UP T
	STEP 1: INSTALL WORK ZONE ADVANCED WARNING SIGNS (SEE RSD 1101.01)	n STEP
RUCTION MUST / SECTION/SET.) THE NEXT SET OF THE	WORKING IN CONTINUOUS MANNER, COMPLETE THE FOLLOWING WORK OF PHASE 2D, STEPS 2 THRU 4 FROM 10:00 PM TO 6:00 AM, MONDAY THRU SUNDAY. REPEAT INTERMEDIATE CONTRACT TIME AS NEEDED TO COMPLETE INSTALLATION OF SEWER LINE. (SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES).	CONT OPEN
	STEP 2: PRIOR TO ANY CONSTRUCTION OPERATIONS, CONTRACTOR SHALL CHANGE MESSAGE ON PREVIOUSLY INSTALLED CMS FOR CLOSURE TWO WEEKS PRIOR TO WORK BEGINNING. PLACE AND COVER OFF-SITE DETOUR SIGNING AS SHOWN ON TMP-28 AND IN ACCORDANCE WITH RSD 1101.03 (SHEET 1 OF 9).	STEP TO P SERV
	STEP 3: USING OFF-SITE DETOUR, UNCOVER DETOUR SIGNS, CLOSE -L- (I-95 BUSINESS/ US 301)TO TRAFFIC AND INSTALL SEWER LINE UNDER GILLESPIE STREET AND I-95 BUSINESS/US 301 (NOTE: DO NOT SIMULTANEOUSLY CLOSE NORTHBOUND AND SOUTHBOUND LANES OF -L- I-95 BUSINESS/US 301).	STEP SURF PAVE TRAF
UNDER	-L- STA 367+00 +/- -L- STA 374+00 +/-	STEP SIGN
	STEP 4: UPON COMPLETION OF SEWER LINE, REMOVE BARRICADES AND DETOUR SIGNS AND OPEN -L- (I-95 BUSINESS/US 301) AND GILLESPIE STREET TO TRAFFIC.	
INDER I-95	STEP 5: USING RSD 1101.02 (SHEET 1 OF 15) FOR DRAINAGE CONSTRUCTION UNDER SERVICE ROADS	
	STRUCTURE 1103 TO 1102, +/- STA. 200+70 STRUCTURE 2316 TO 2317, +/- STA. 366+90	
TO SECTION 6 OF 15) TO)	STEP 6: USING RSD 1101.02 (SHEET 3 OF 15) FOR DRAINAGE CONSTRUCTION UNDER I-95 BUSINESS/US 301 OUTSIDE LANE	
) AND	STRUCTURE 1102 TO 1101, +/- STA. 200+70 STRUCTURE 1303 TO 1302, +/- STA. 225+00	
MPROVEMENTS NG THE FINAL ONTROL	STRUCTURE 2307 AND 2308 TO 2306, +/-STA. 225+00 STRUCTURE 2307 AND 2308 TO 2306, +/-STA. 360+65 STRUCTURE 2317 AND 2319 TO 2318, +/- STA. 366+90 STRUCTURE 2410 TO 2411, +/- STA. 375+25	SEAL
LANES TO		×

PROJ. REFERENCE NO. SHEET NO.

TMP - 3



EP 7: CONSTRUCT DRAINAGE FROM STRUCTURE 2319 TO 2413.

TE: CONTINUE TO CONSTRUCT DRAINAGE SYSTEM, PROGRESSING FROM OUTFALL SECTION LIMITS. IF INSIDE LANE CLOSURES ARE IN EFFECT, USE RSD D1.02 (SHEET 6 OF 15) TO COMPLETE DRAINAGE CONSTRUCTION. (MAY BE NE CONCURRENTLY WITH STEP 8.)

EP 8: USING RSD 1101.02 (SHEET 3 OF 15) CLOSE THE INSIDE RTHBOUND AND SOUTHBOUND LANES OF -L- (I-95 BUSINESS/US 301) AND NSTRUCT MEDIAN IMPROVEMENTS INCLUDING DRAINAGE, CONCRETE NOLITHIC ISLANDS, UP TO BUT NOT INCLUDING THE FINAL SURFACE URSE.

EP 9: UPON COMPLETION OF ALL WORK WITHIN PHASE 2D REMOVE TRAFFIC NTROL DEVICES,INSTALL TEMPORARY PAVEMENT MARKINGS AS NECESSARY AND EN ALL LANES TO TRAFFIC.

ASE 2E - CONSTRUCT SECTION 7 -L- STA 318+00 +/- TO 334+40 +/-MP-18 THRU TMP-22)

EP 1: INSTALL WORK ZONE ADVANCED WARNING SIGNS (SEE RSD 1101.01)

EP 2: USING RSD 1101.02 (SHEET 1 OF 15) FOR DRAINAGE CONSTRUCTION DER SERVICE ROADS

STRUCTURE 2109 TO 2108, +/- STA. 332+60

EP 3: USING RSD 1101.02 (SHEET 3 OF 15) FOR DRAINAGE CONSTRUCTION DER I-95 BUSINESS/US 301 OUTSIDE LANE

STRUCTURE 2108 TO 2107, +/- STA. 332+60 STRUCTURE 2104 TO 2103, +/- STA. 330+00 STRUCTURE 2006 TO 2007, +/- STA. 319+55

EP 4: USING RSD 1101.02 (SHEET 3 OF 15) FOR DRAINAGE CONSTRUCTION DER SERVICE ROAD CONNECTOR

STRUCTURE 2103 TO 2106, +/- STA. 330+00

TE: CONTINUE TO CONSTRUCT DRAINAGE SYSTEM, PROGRESSING FROM OUTFALL SECTION LIMITS. IF INSIDE LANE CLOSURES ARE EFFECT, USE RSD D1.02 (SHEET 6 OF 15) TO COMPLETE DRAINAGE CONSTRUCTION. (MAY BE NE CONCURRENTLY WITH STEP 5.)

EP 5: USING RSD 1101.02 (SHEET 3 OF 15) CLOSE THE INSIDE NORTHBOUND D SOUTHBOUND LANES OF -L- (I-95 BUSINESS/US 301) AND CONSTRUCT DIAN IMPROVEMENTS INCLUDING DRAINAGE, CONCRETE MONOLITHIC ISLANDS, TO BUT NOT INCLUDING THE FINAL SURFACE COURSE.

EP 6: UPON COMPLETION OF ALL WORK WITHIN SECTION 7, REMOVE TRAFFIC NTROL DEVICES, INSTALL TEMPORARY PAVEMENT MARKINGS AS NECESSARY AND EN ALL LANES TO TRAFFIC.

<u>ASE 3</u>

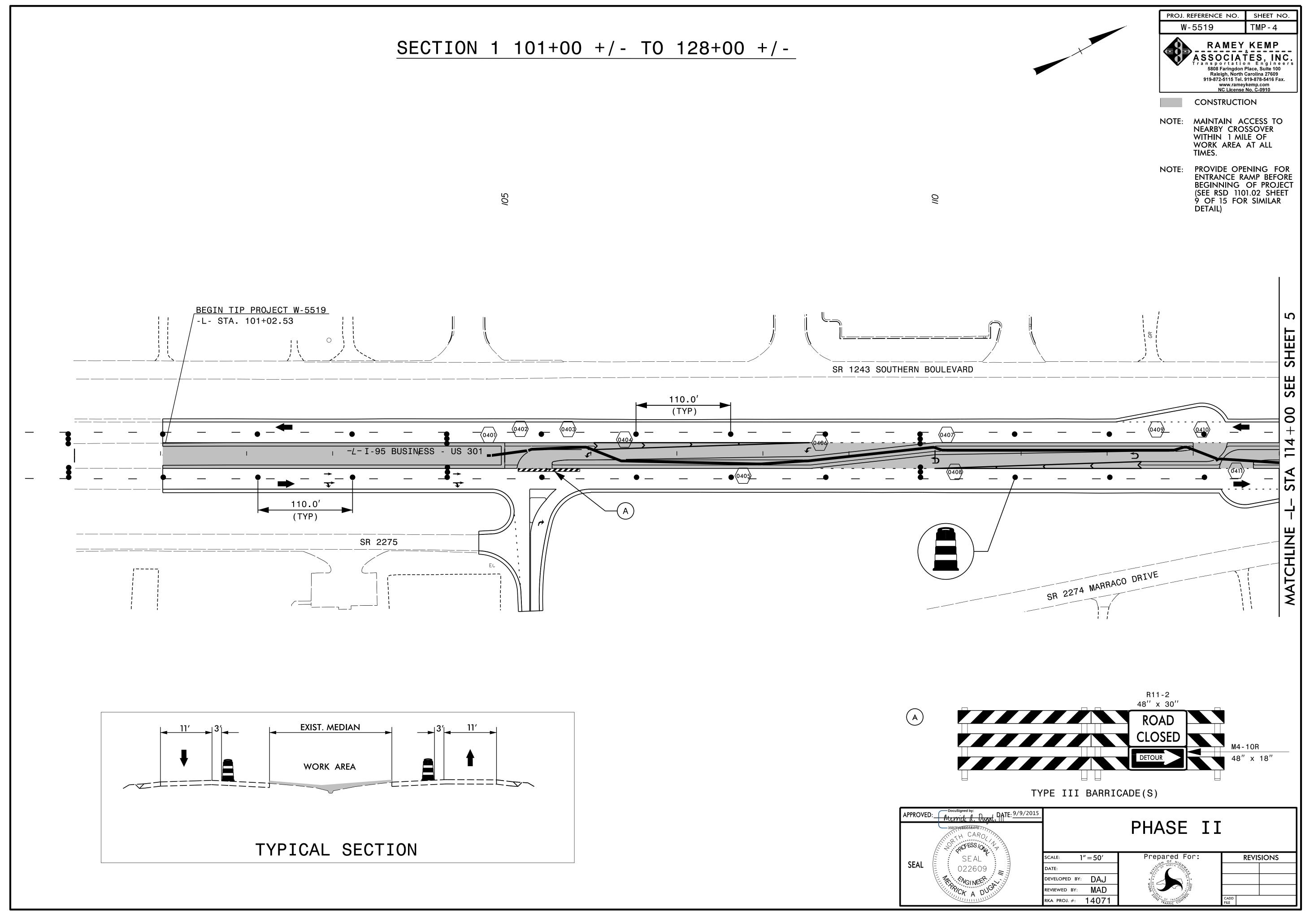
EP 1: USE FLAGGER CONTROL ACCORDING TO RSD 1101.02 (SHEET 1 OF 15) PLACE FINAL LAYER OF SURFACE COURSE AND FINAL PAVEMENT MARKINGS ON RVICE ROADS AND CONNECTORS.

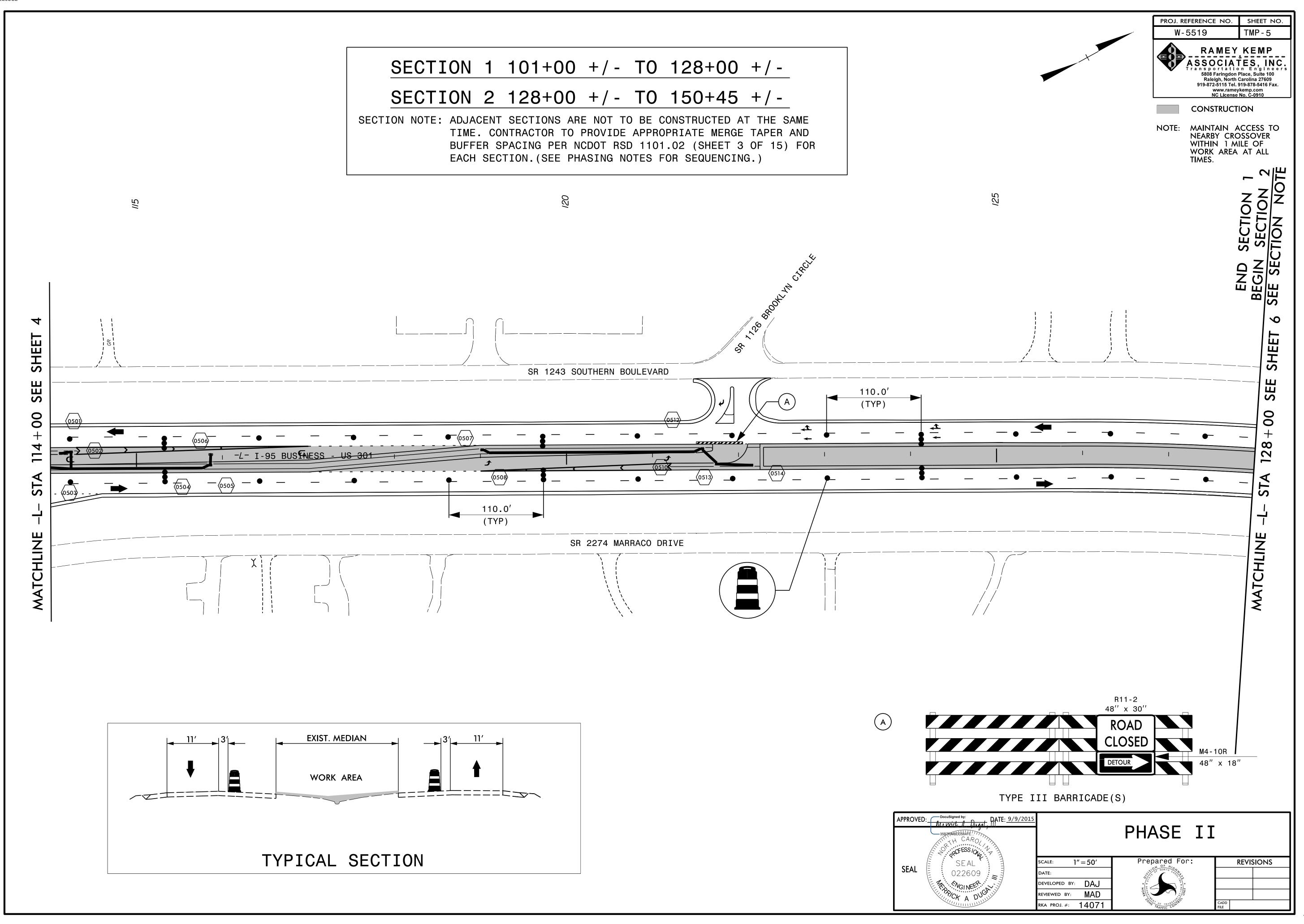
EP 2: USING RSD 1101.02 (SHEET 3 OF 15) PLACE FINAL LAYER OF RFACE COURSE AND FINAL PAVEMENT MARKINGS AND MARKERS (SEE /EMENT MARKING PLANS) ON I-95 BUSINESS/US 301. OPEN ALL ROADS TO AFFIC.

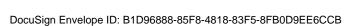
EP 3: REMOVE ALL REMAINING TRAFFIC CONTROL DEVICES AND WORK ZONE GNS.

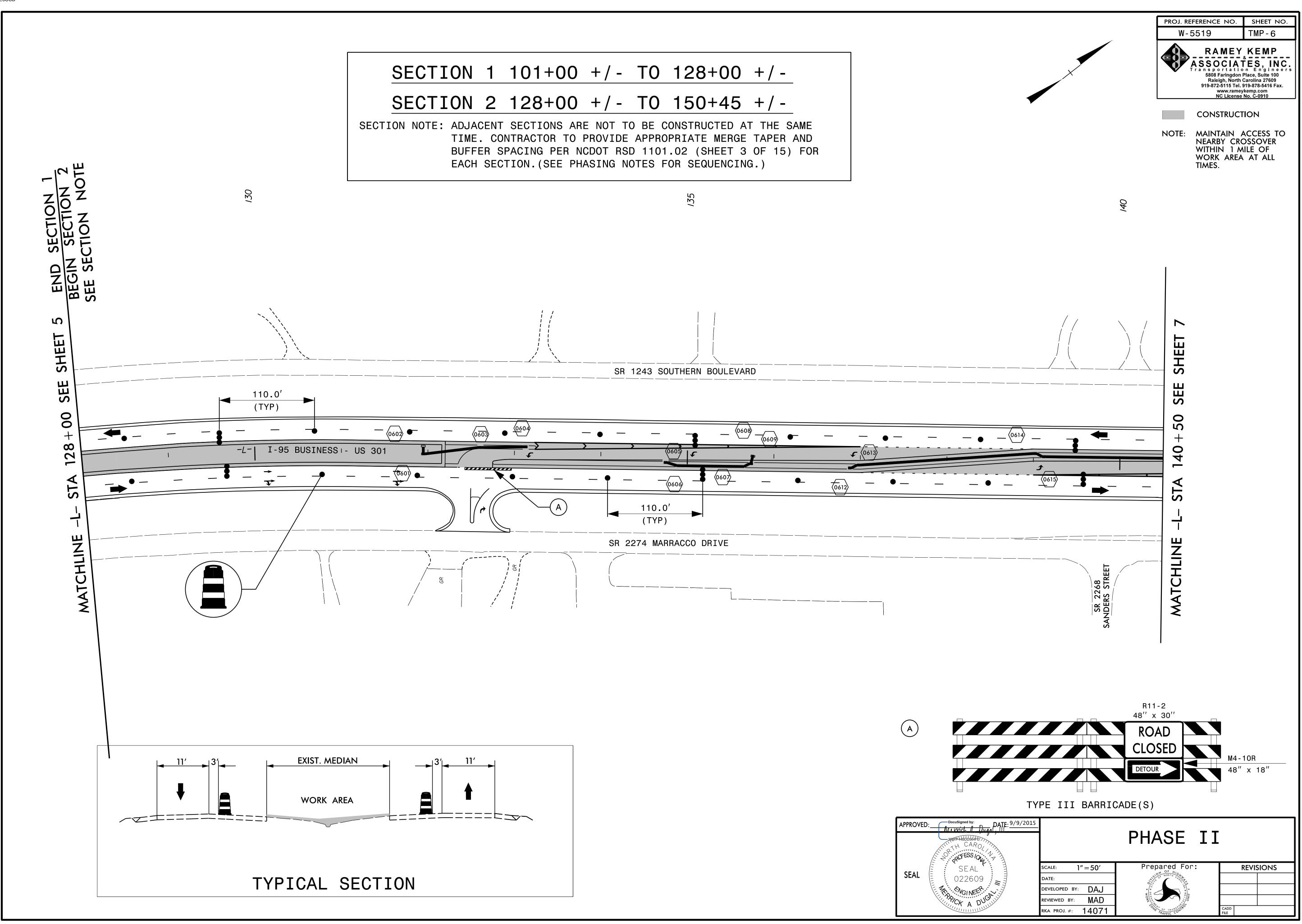
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022609	DATE:	SOF NORTH CAROLL	
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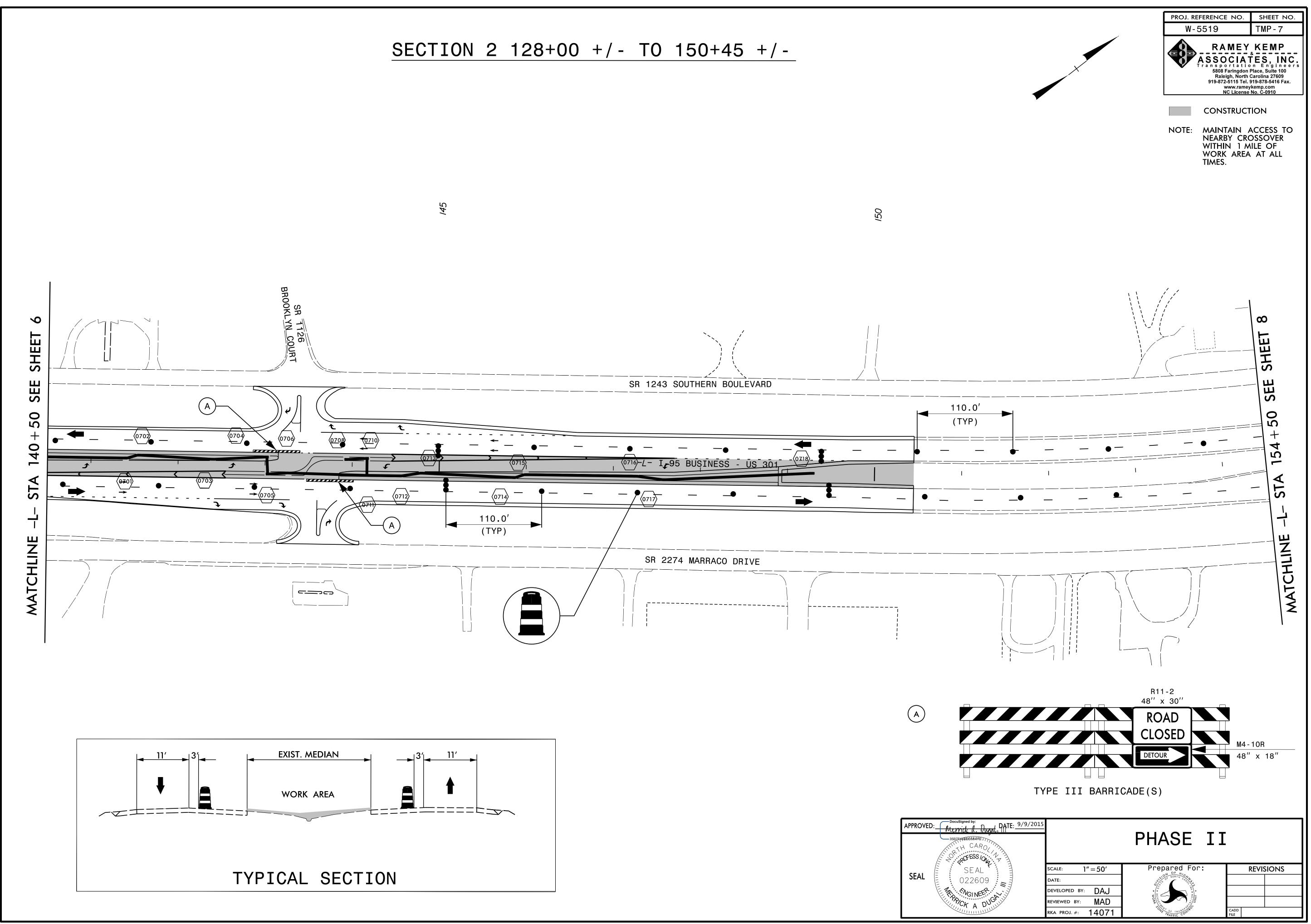
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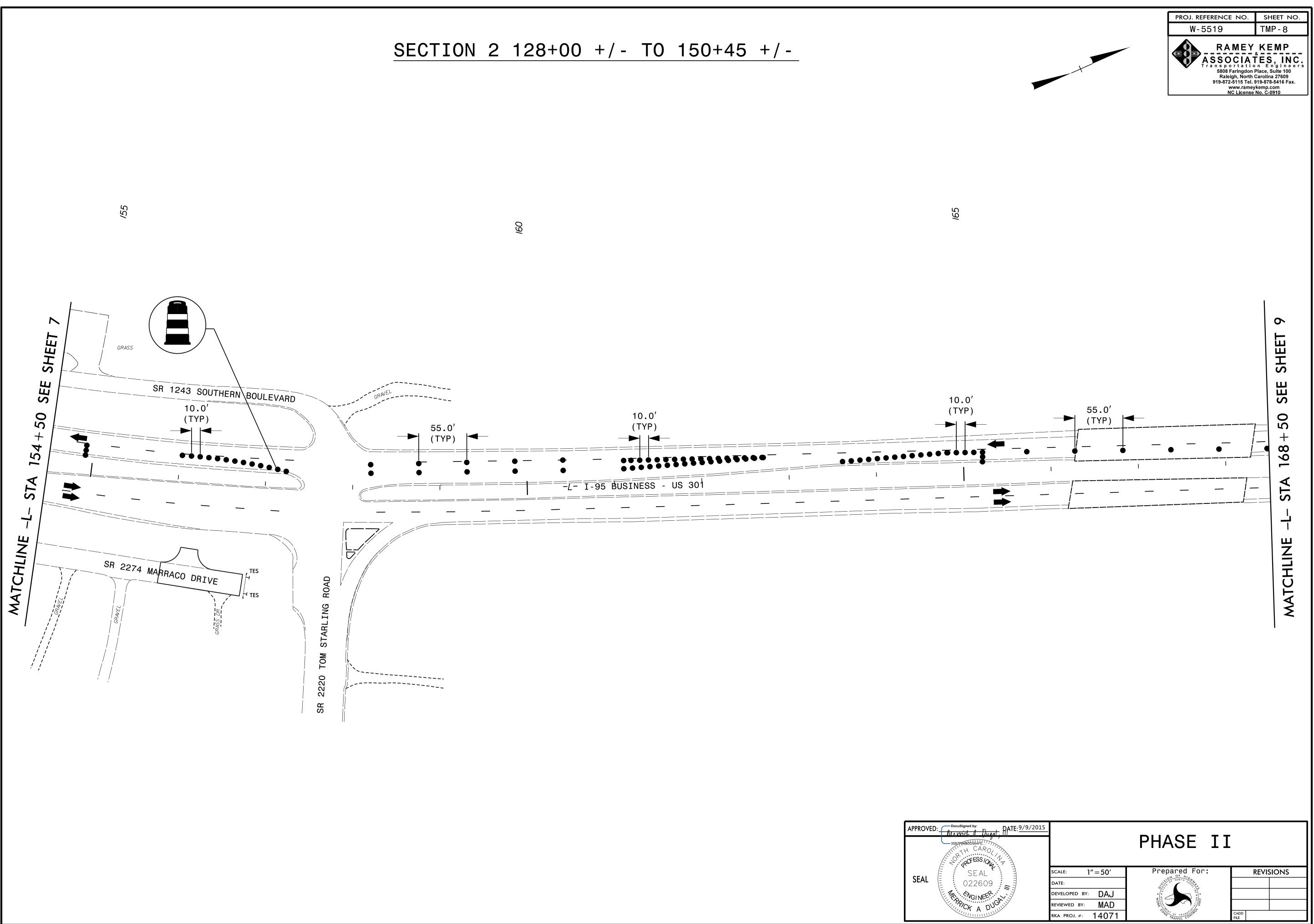




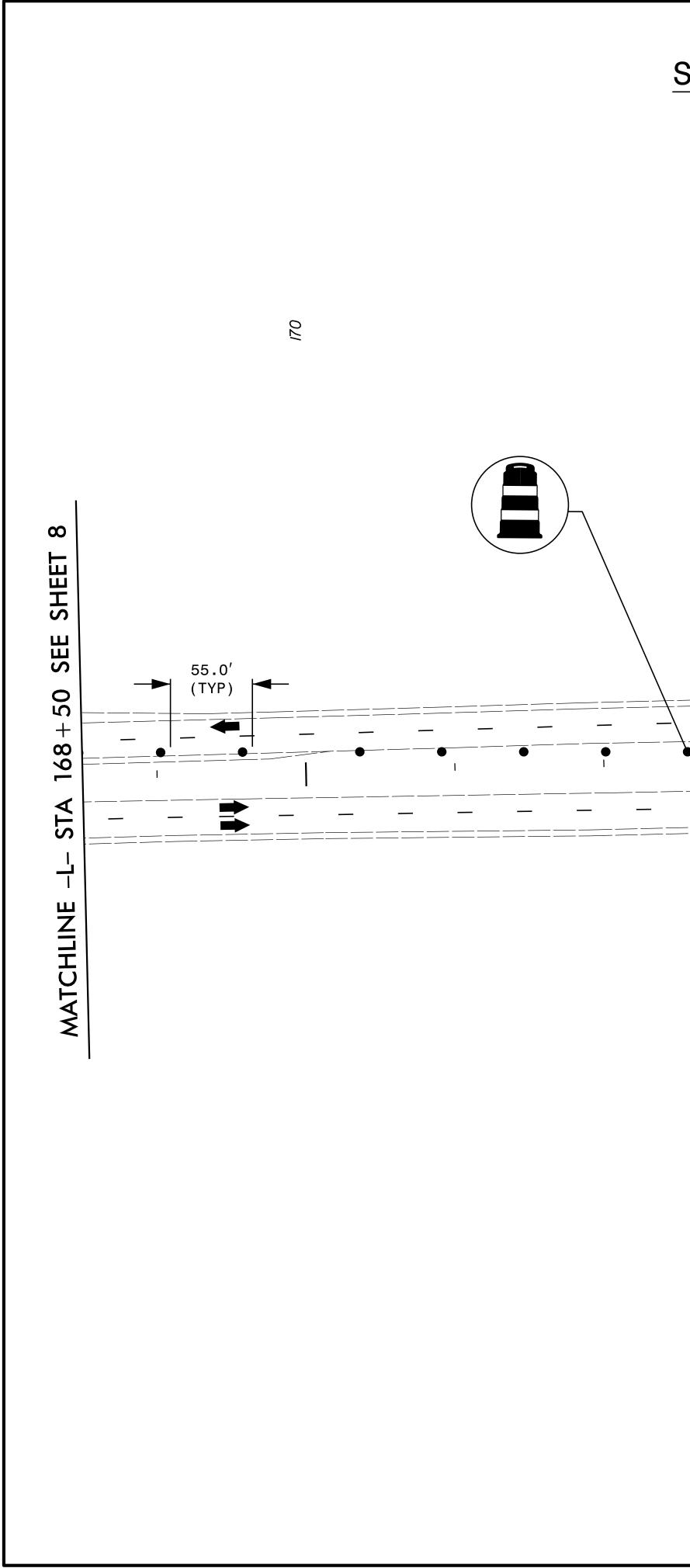








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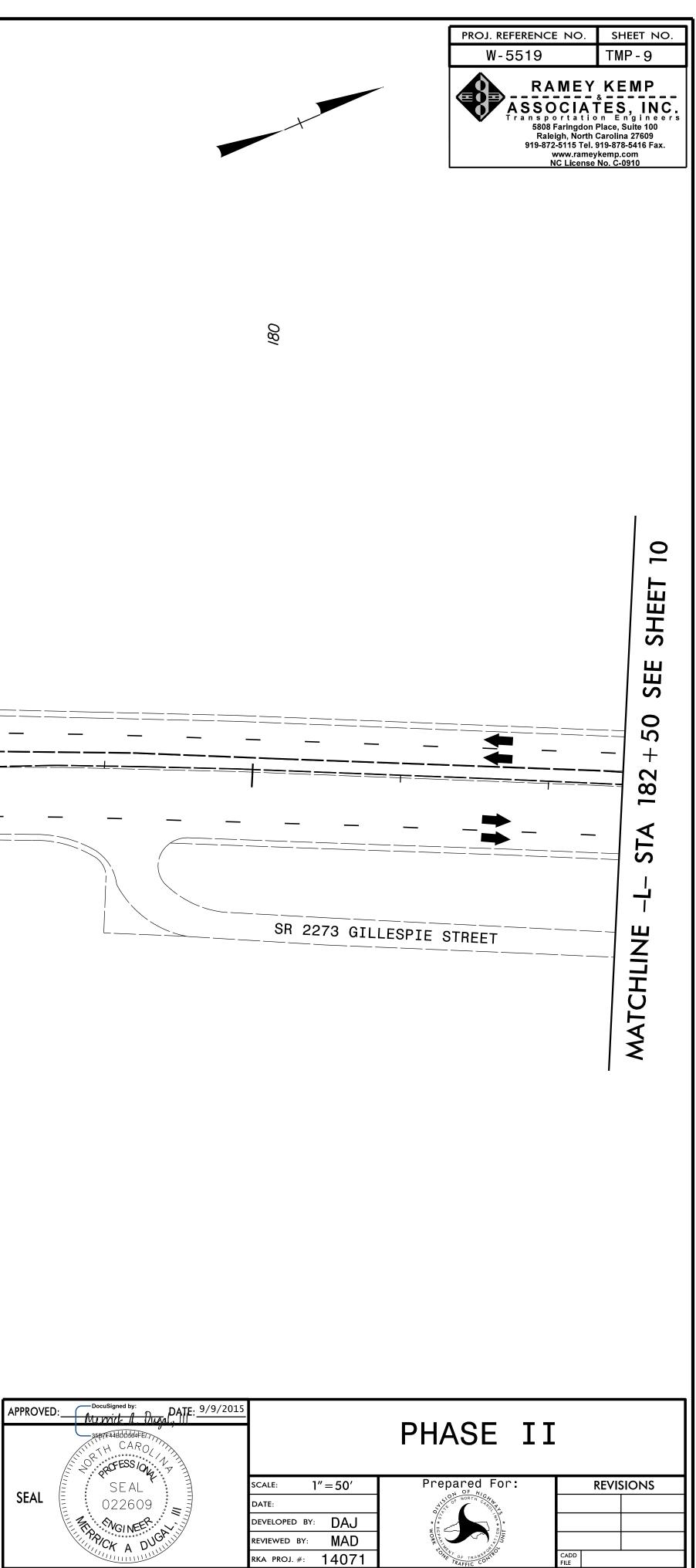


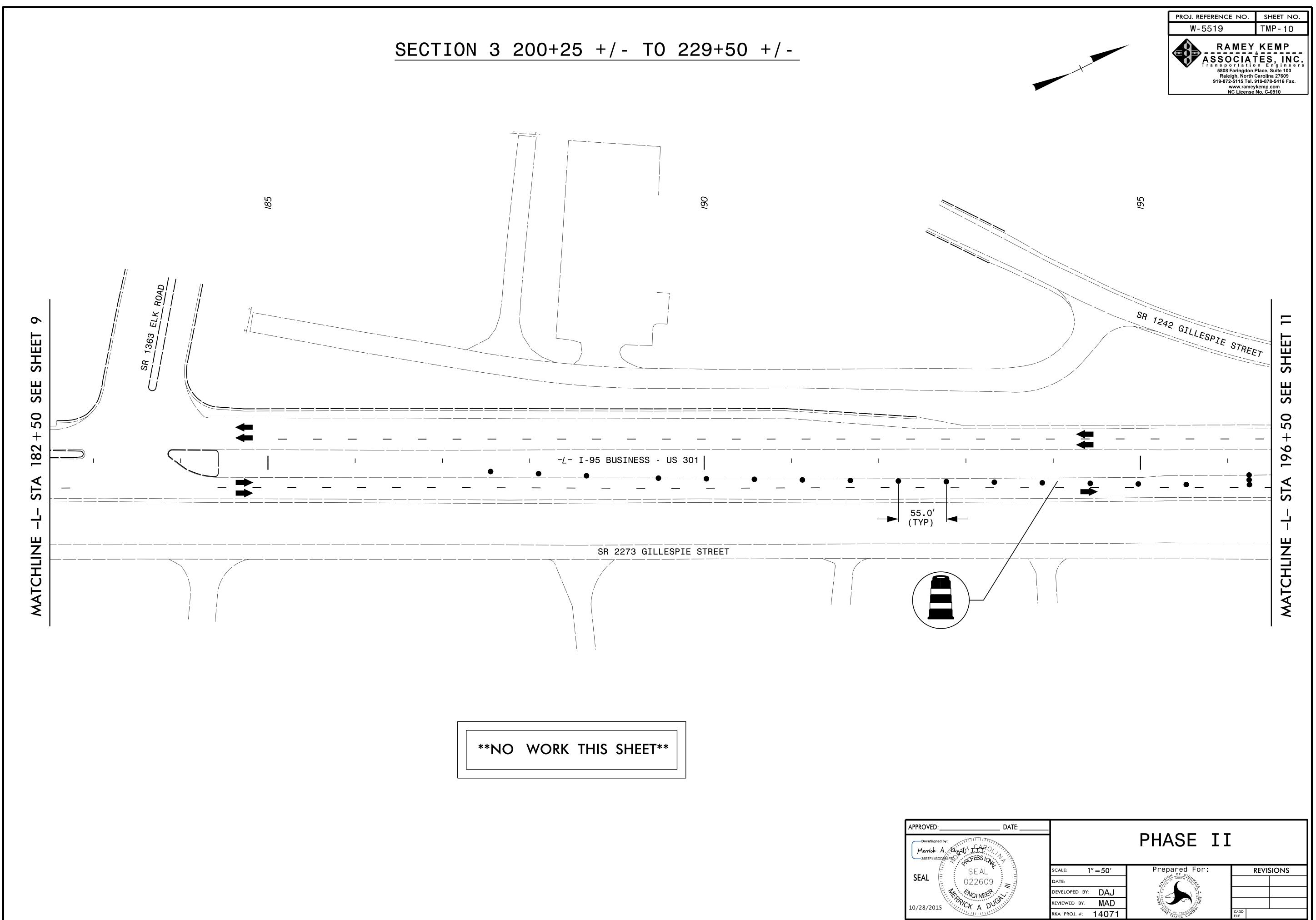
SECTION 2 128+00 +/- TO 150+45 +/-

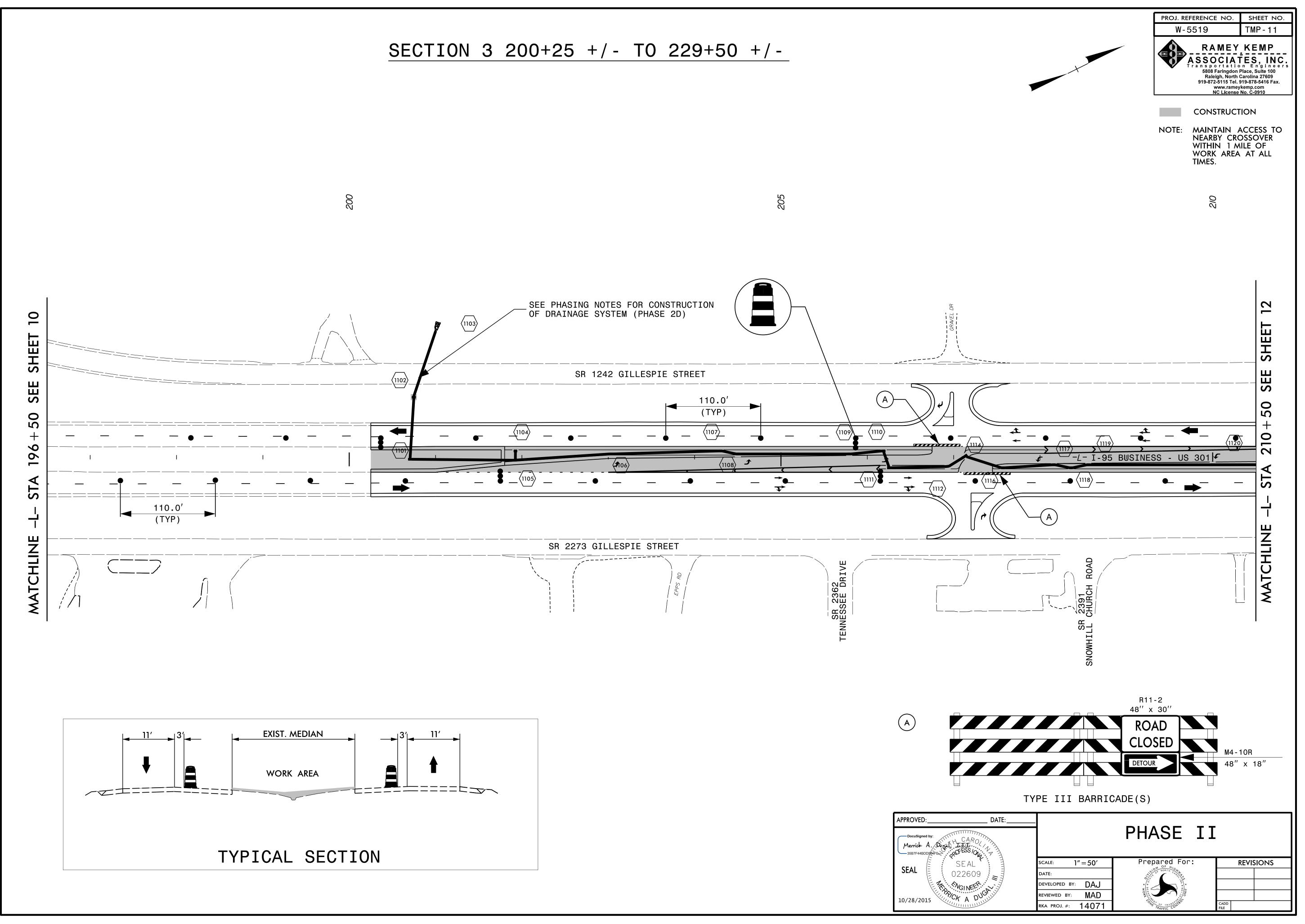
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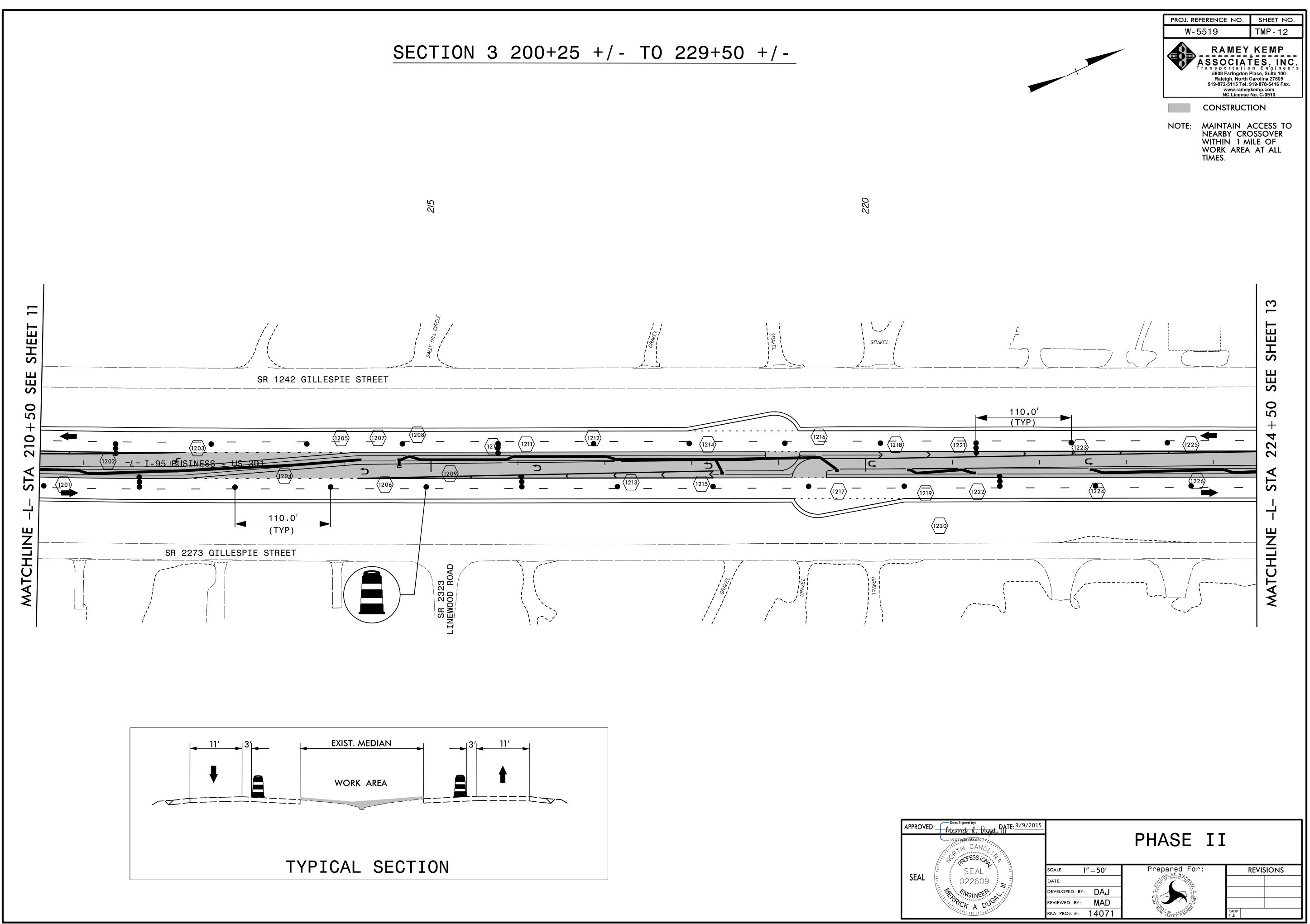
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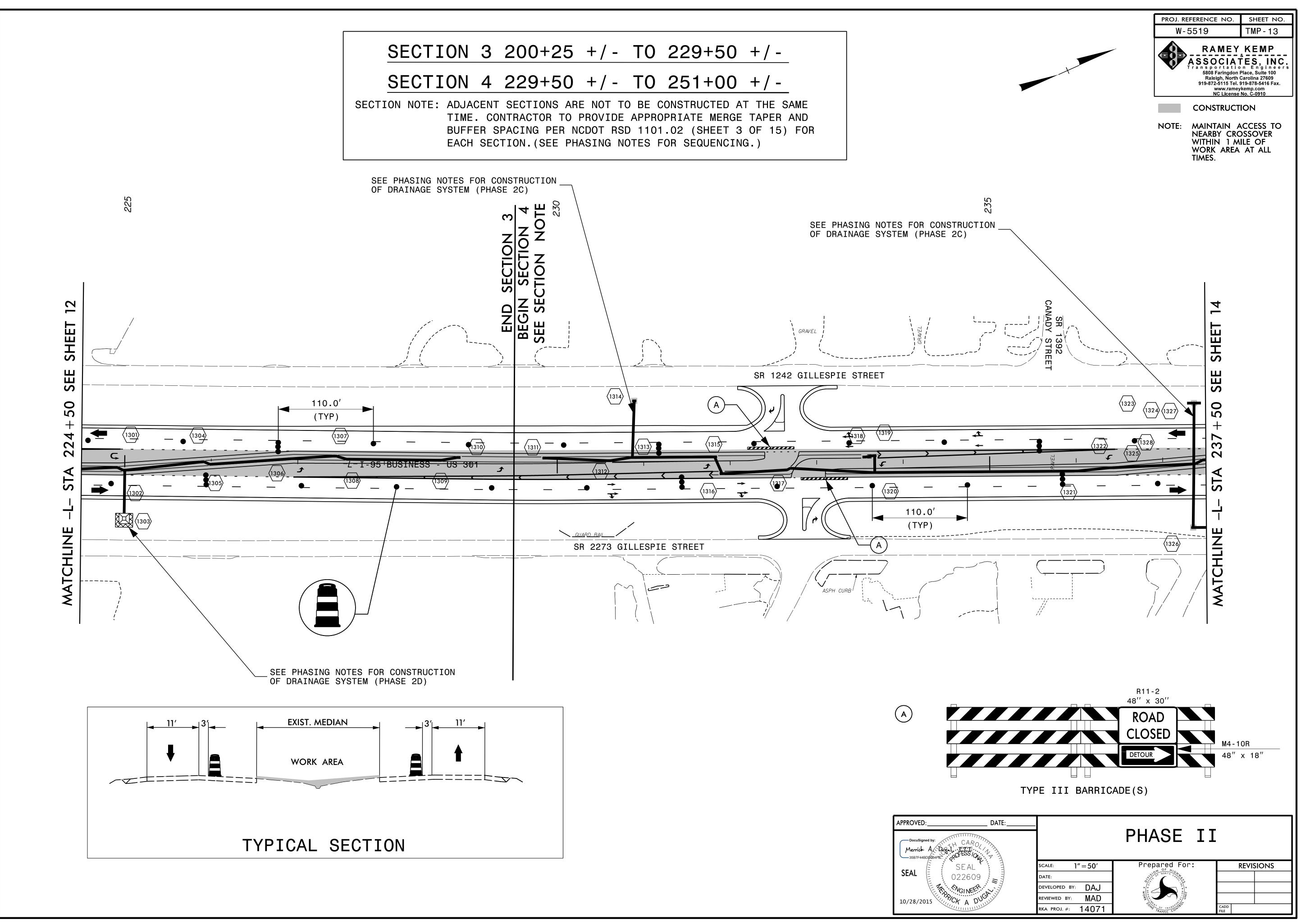


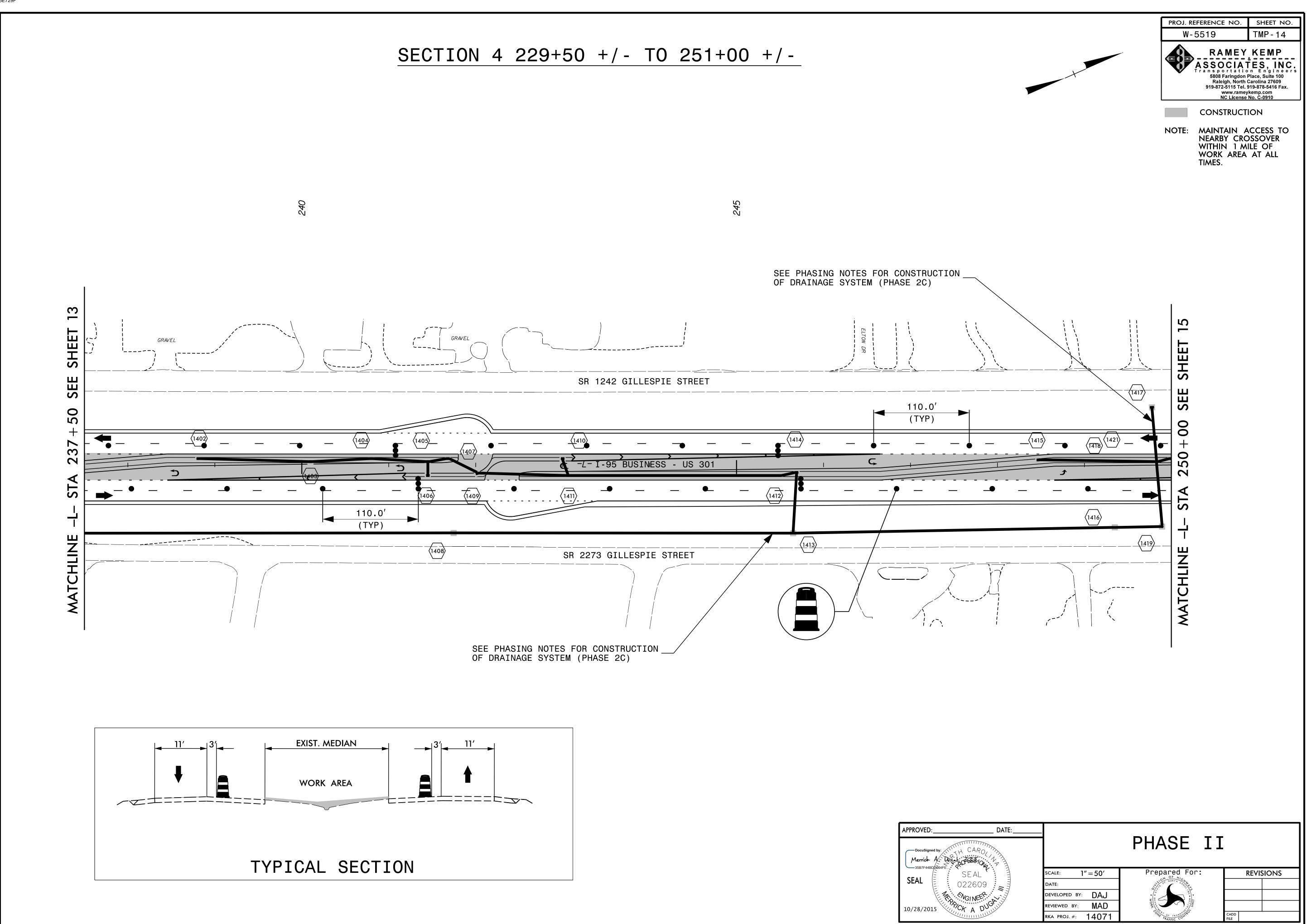


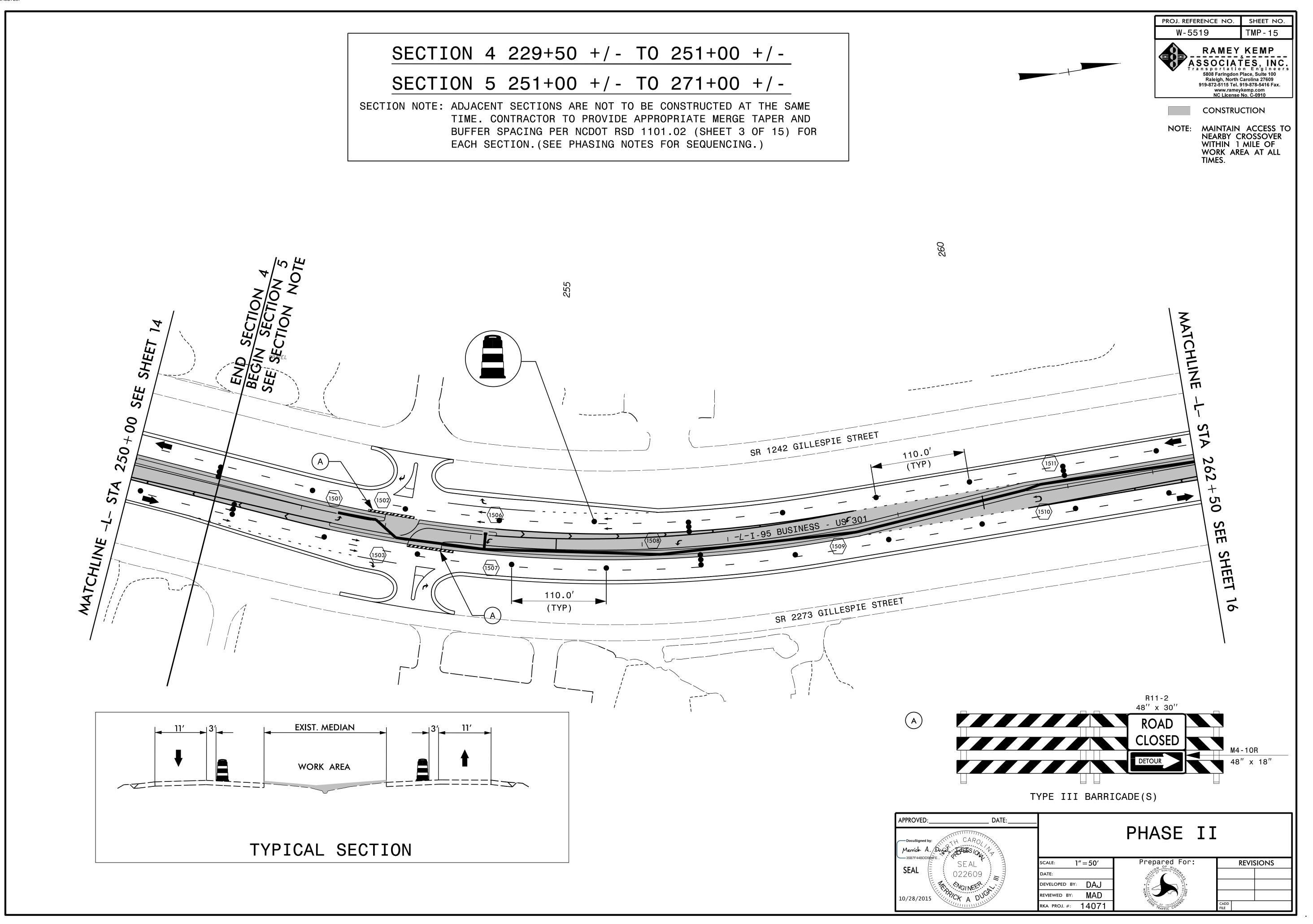


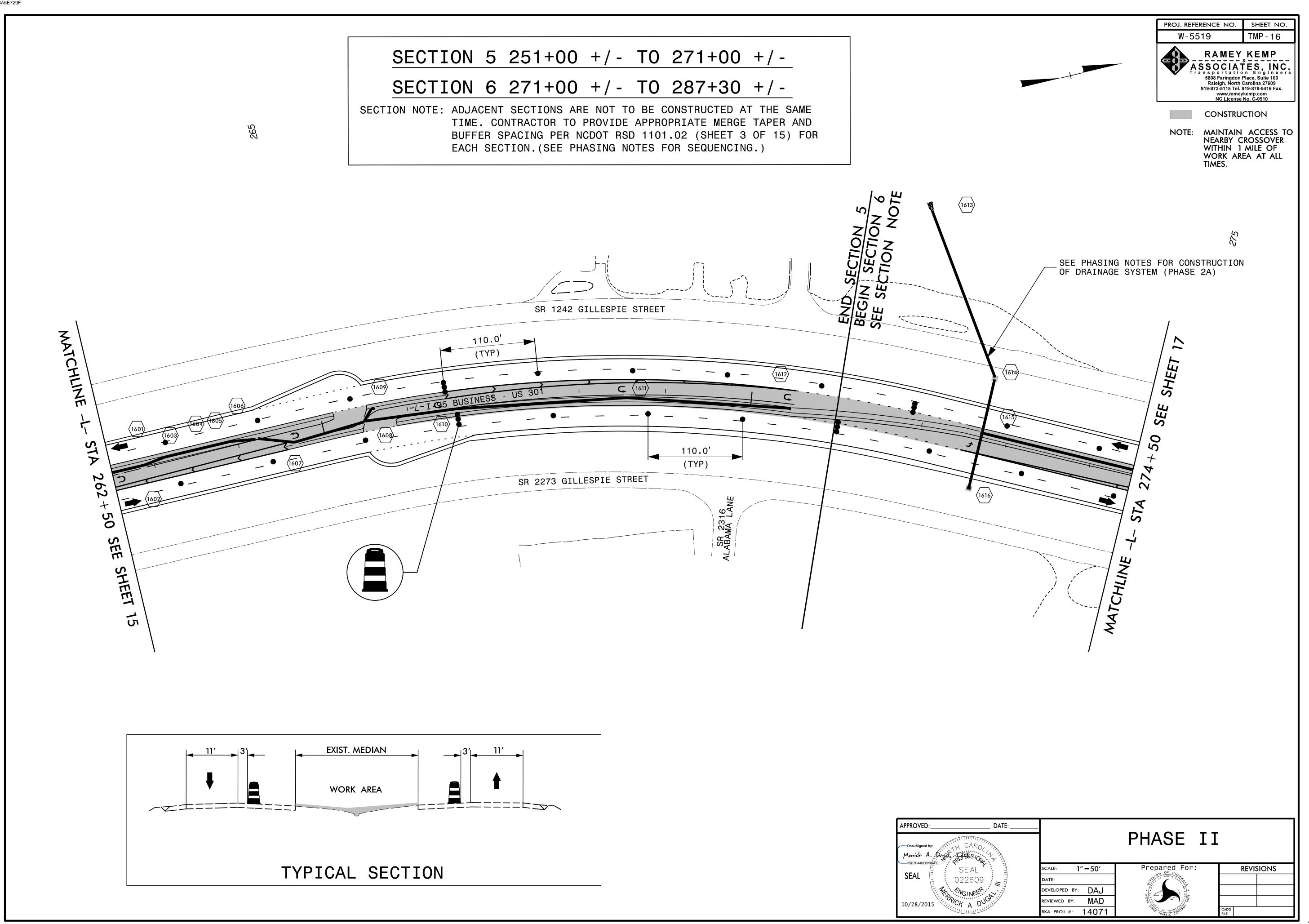


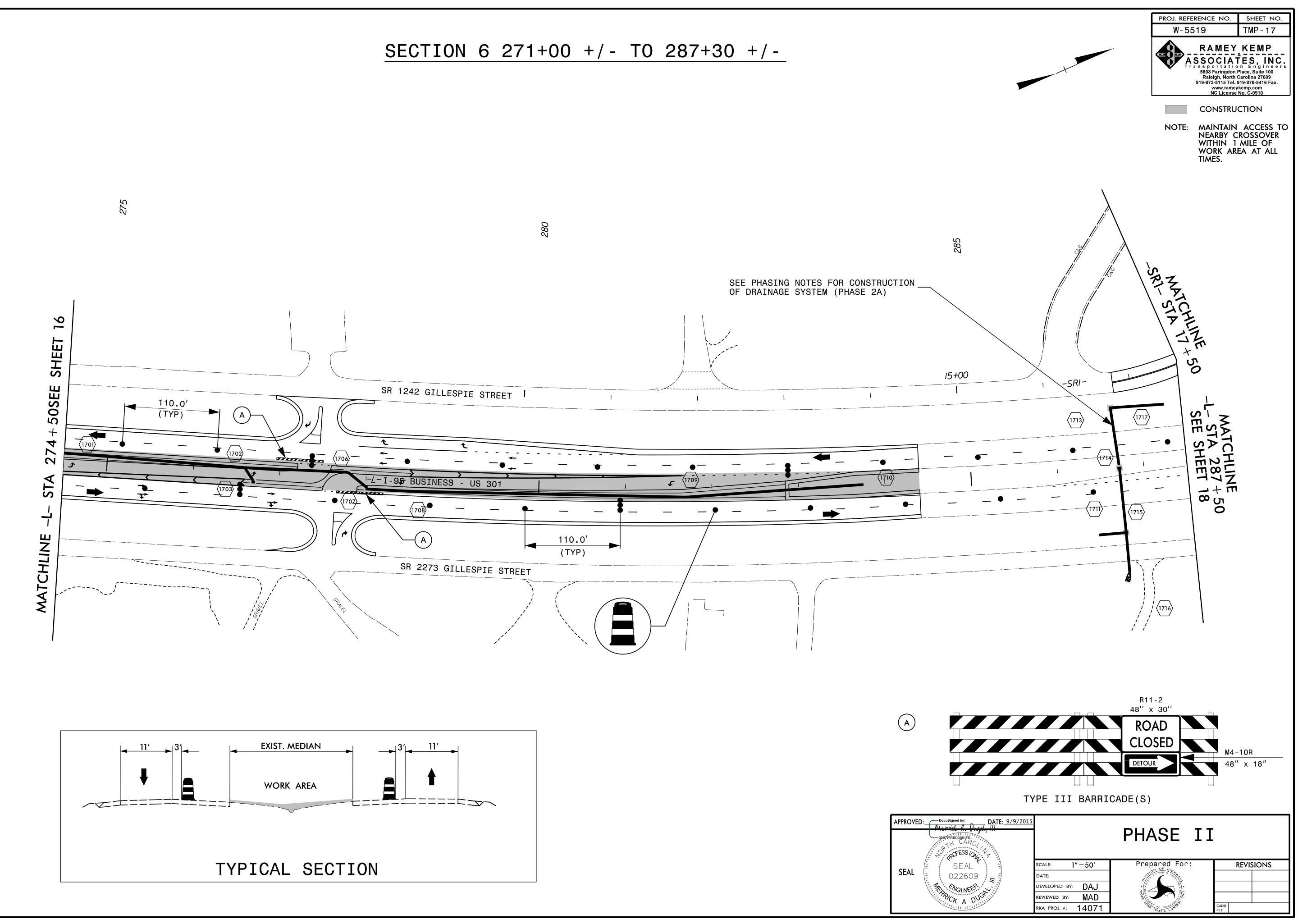


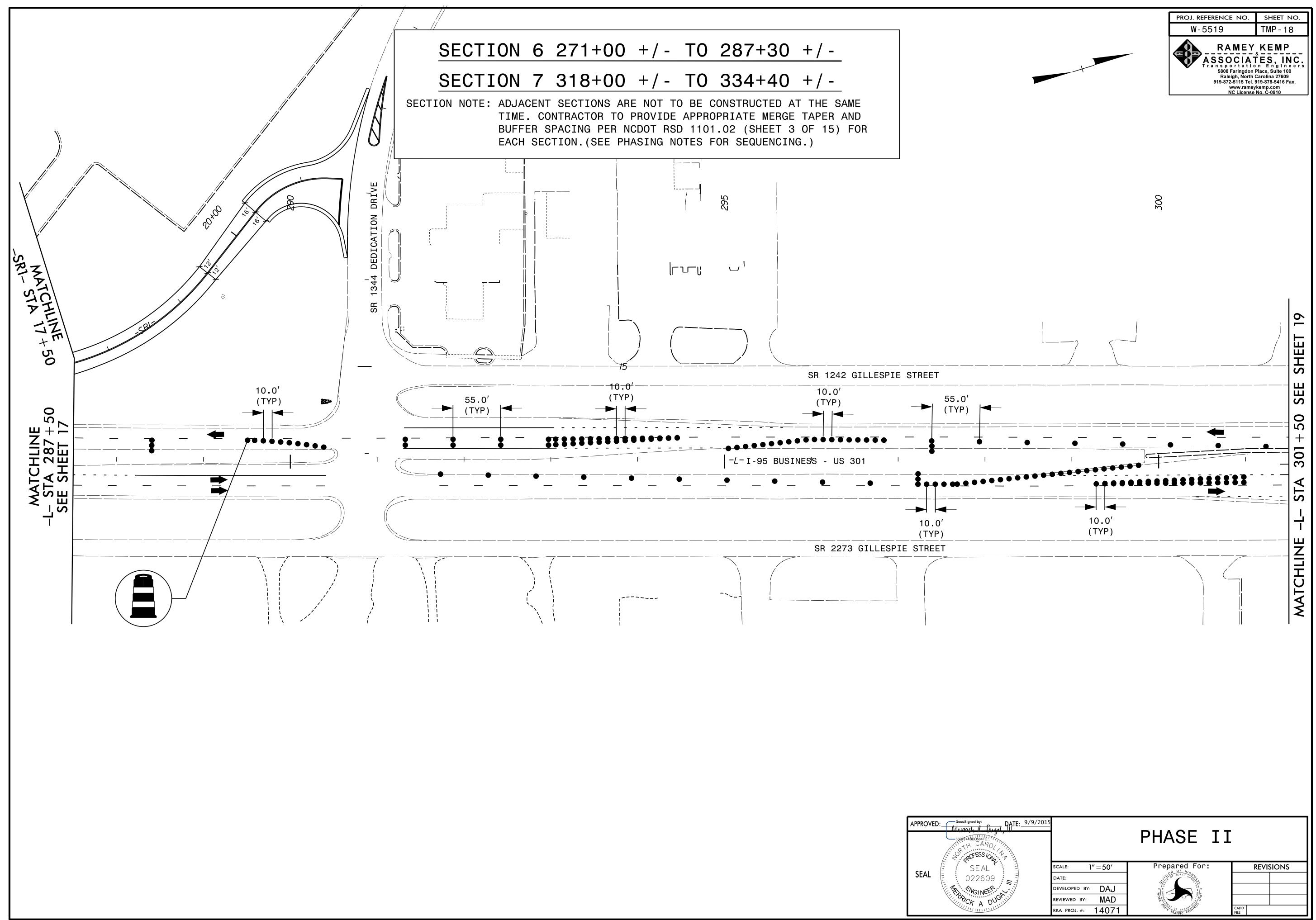




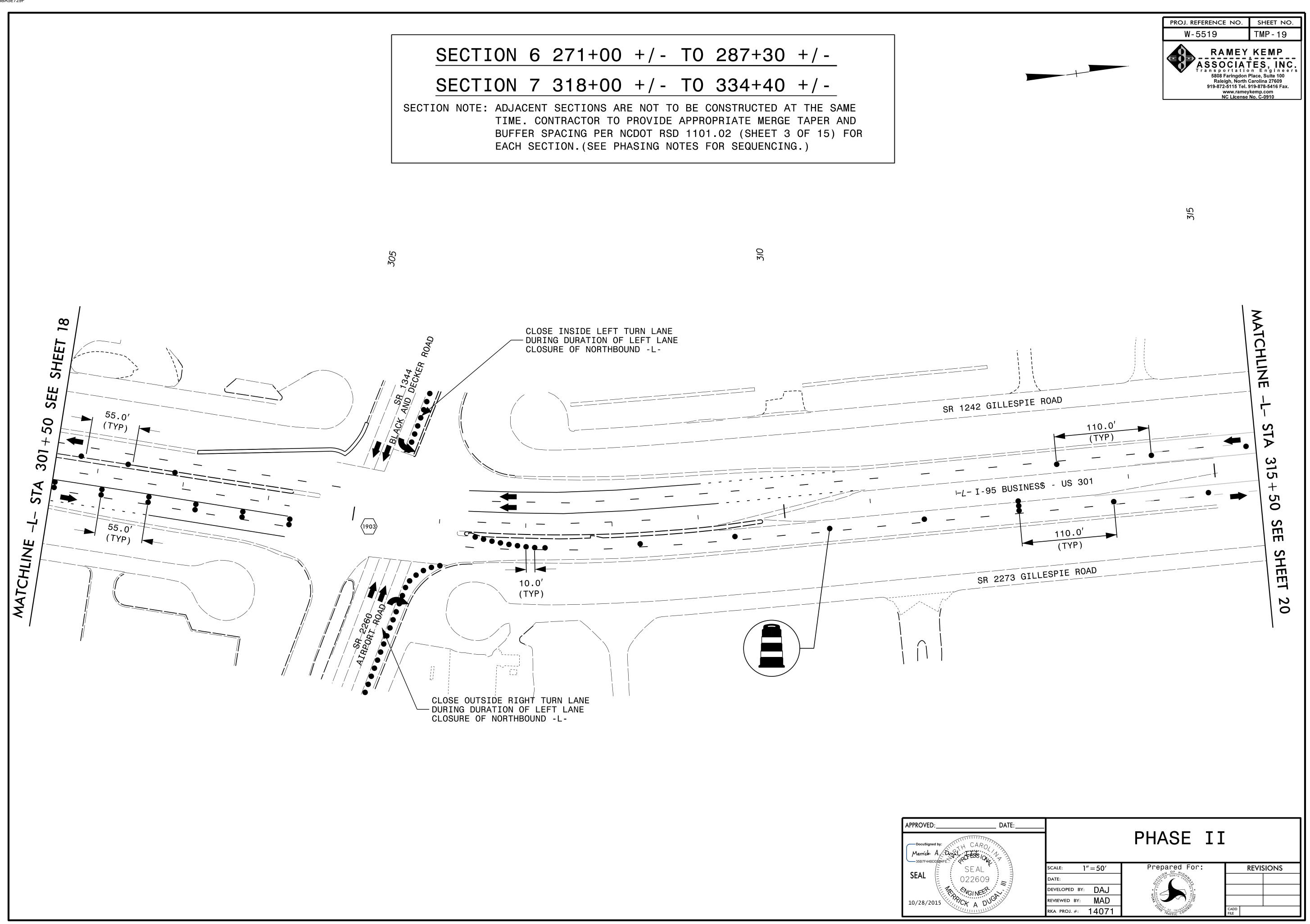


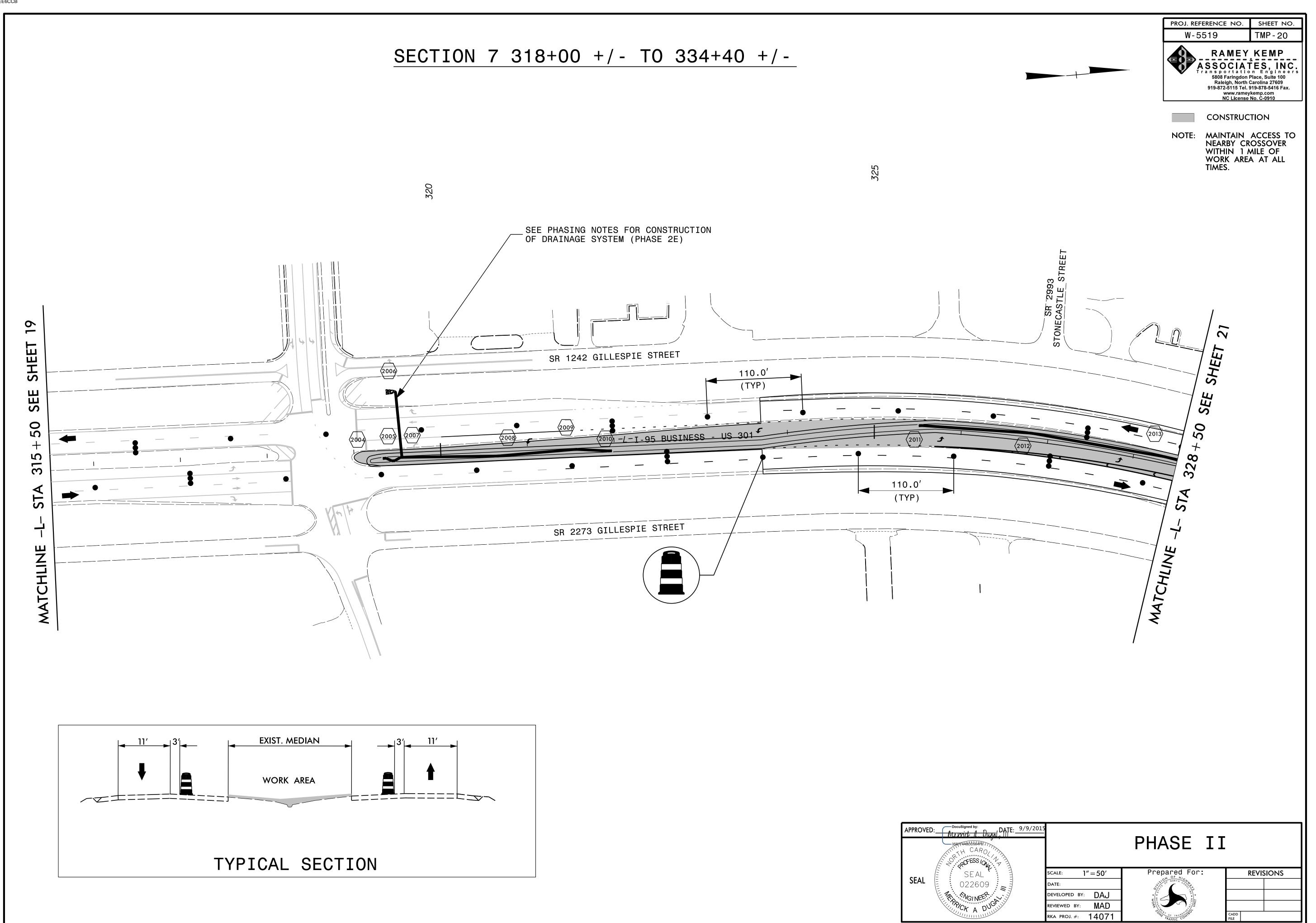


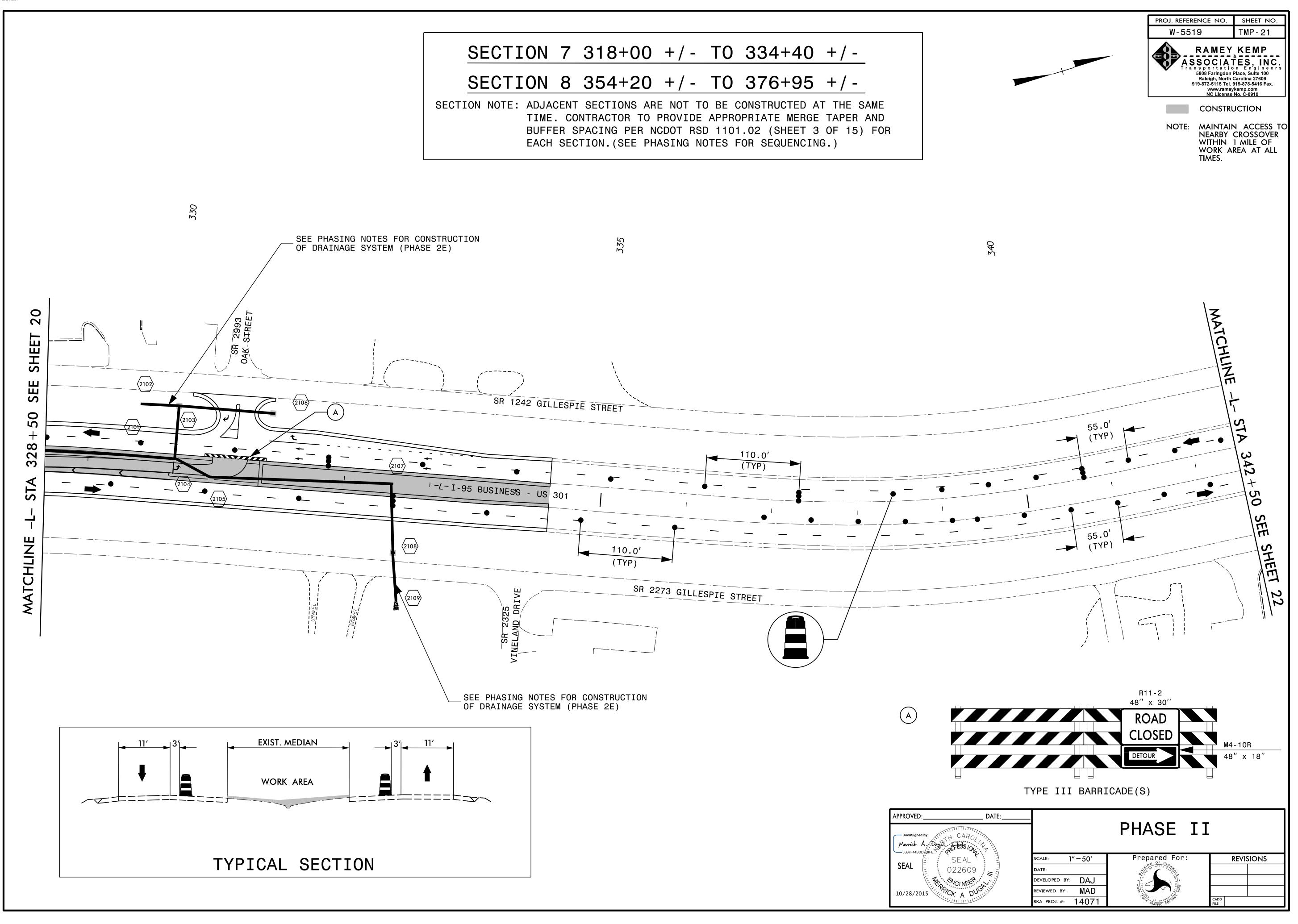


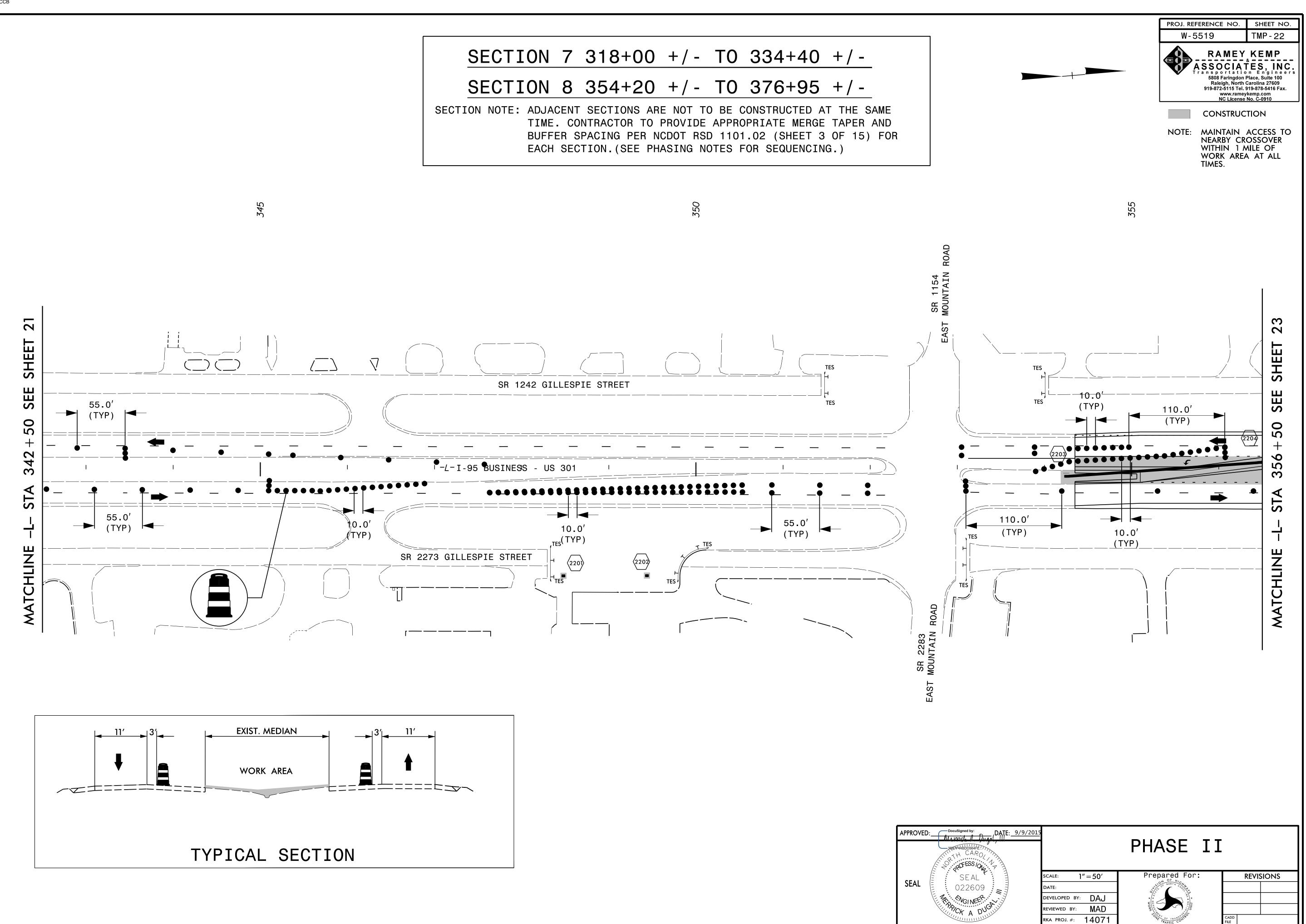


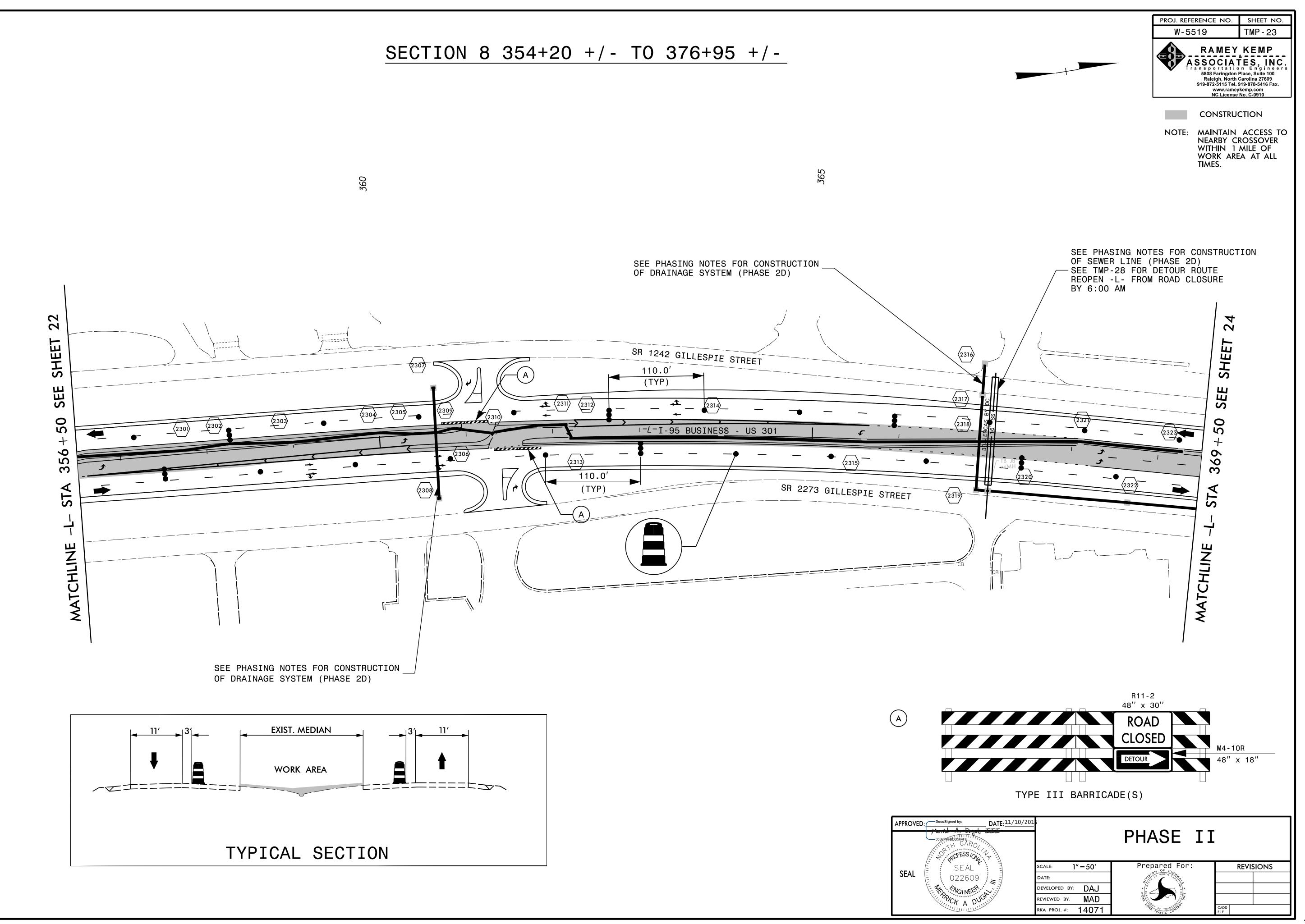
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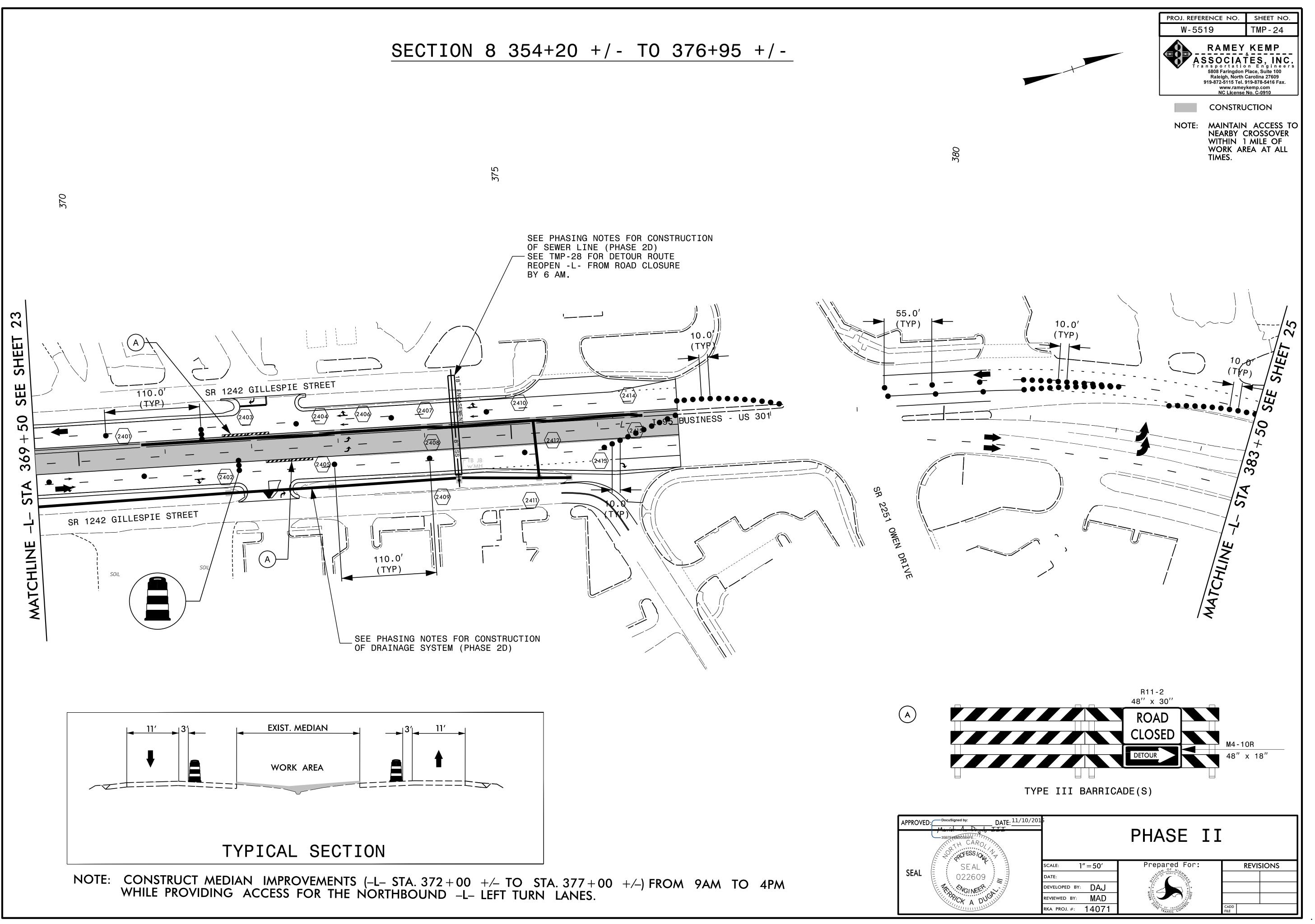


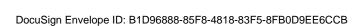


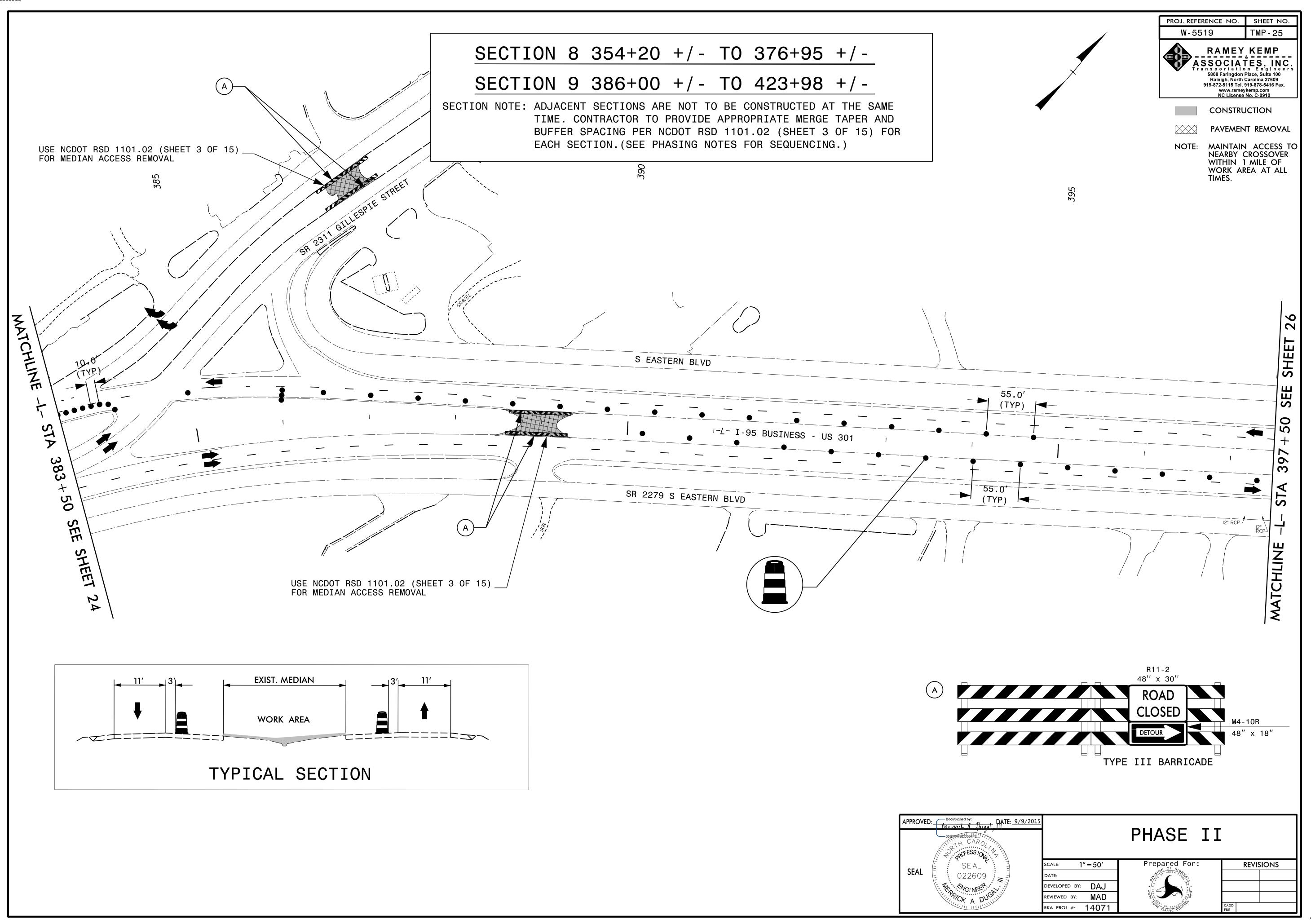


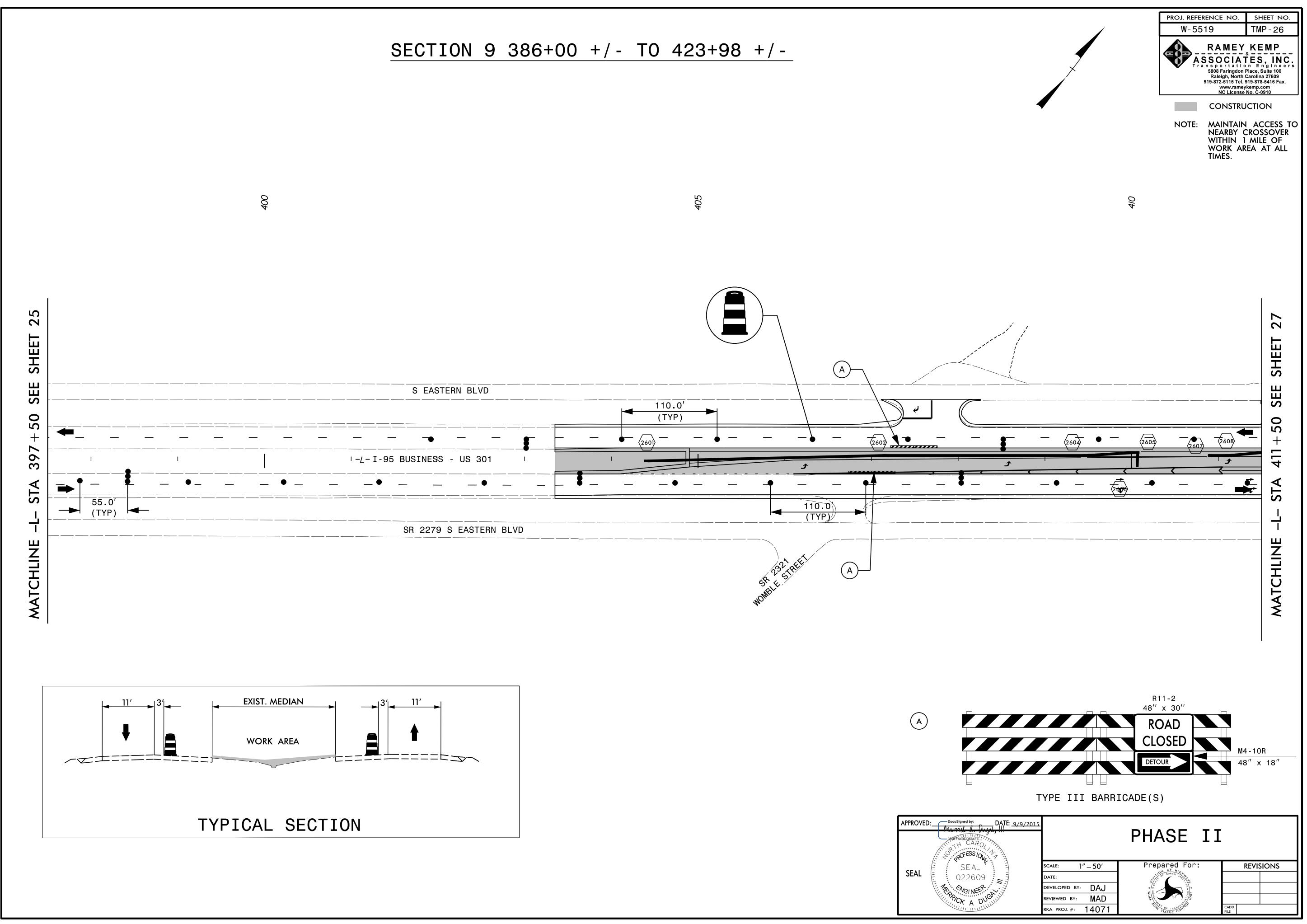


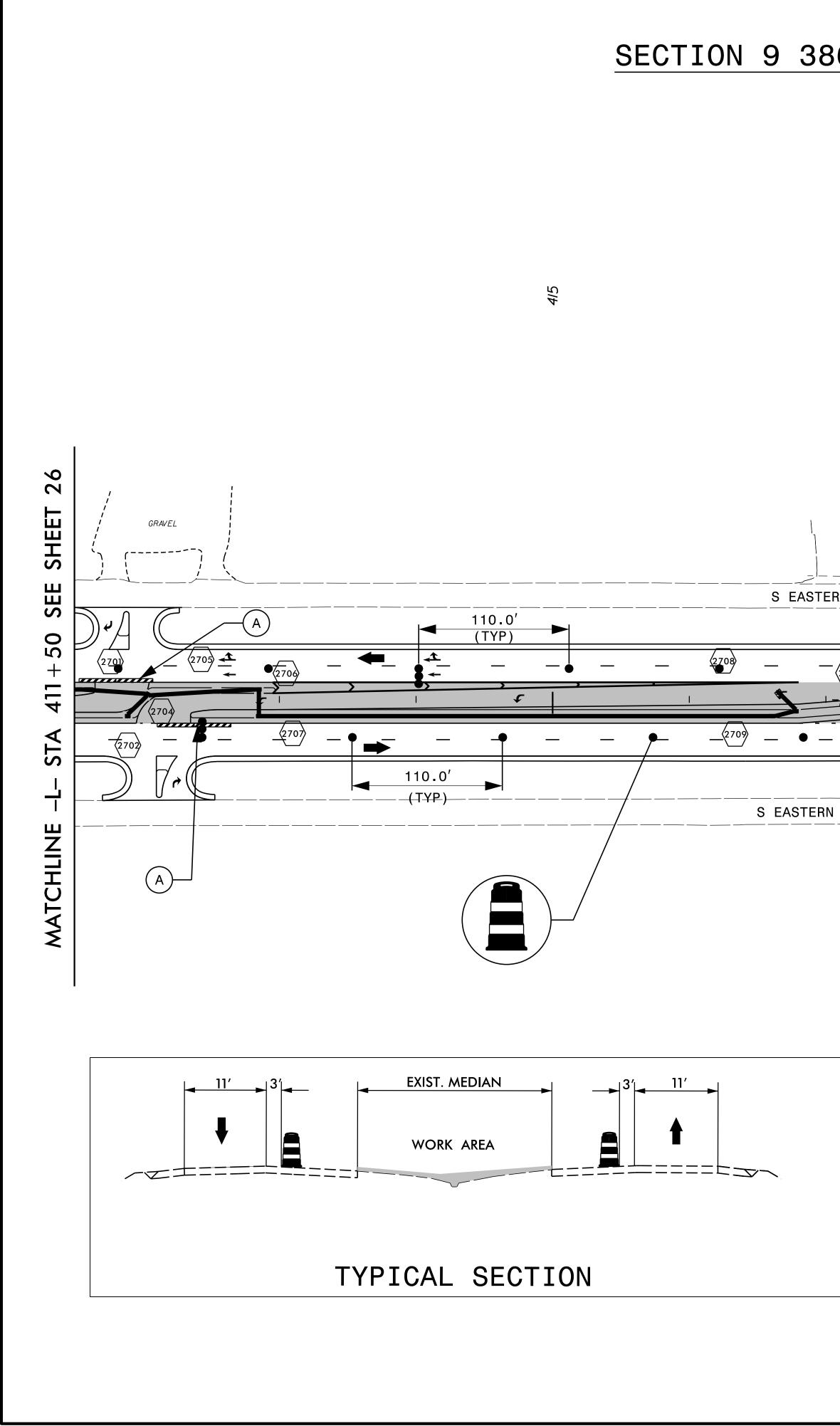












SECTION 9 386+00 +/- TO 423+98 +/-

SR 2272 20' BST S EASTERN BLVD 711 (2710) (2712) I-95 BUSINESS - US 301 5 S EASTERN BLVD SR 2355 20' BST _____ i = = =

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