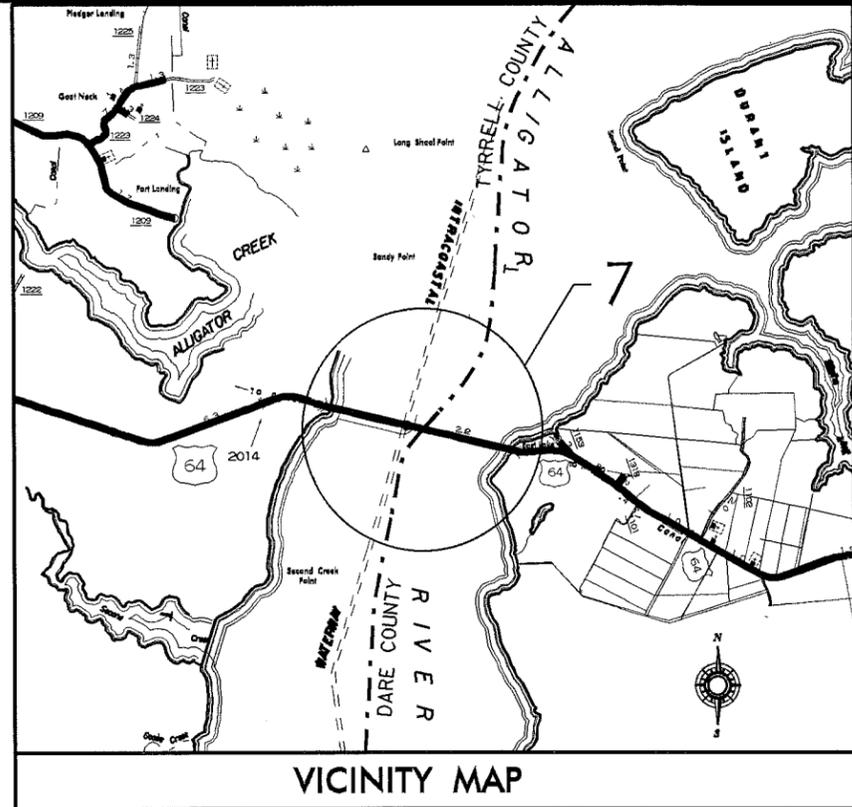


PROJECT: 15B.13.24

CONTRACT: DA00143



END BENT #1

← TO COLUMBIA

TO MANTEO →

END BENT #2

INDEX OF SHEETS	
1	TITLE SHEET
S1 THRU S4	STRUCTURE SHEETS
TMP1 THRU TMP-8	TRAFFIC MANAGEMENT PLANS

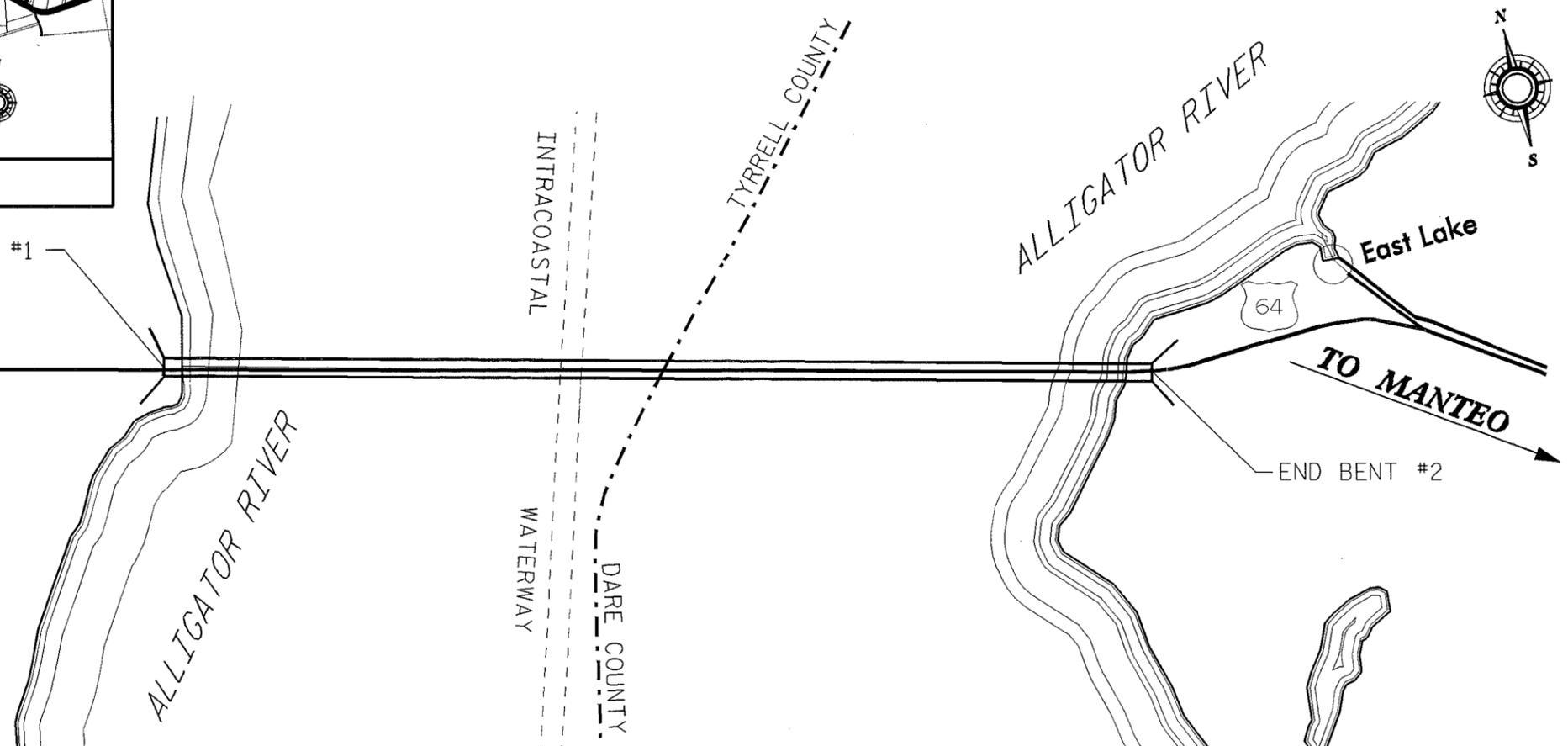
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

TYRRELL COUNTY

LOCATION: BRIDGE #7, ON US 64, OVER THE ALLIGATOR RIVER.

TYPE OF WORK: MECHANICAL AND STRUCTURAL REPAIRS AND METAL JOINT REPLACEMENT

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	15B.13.24	1	13
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	

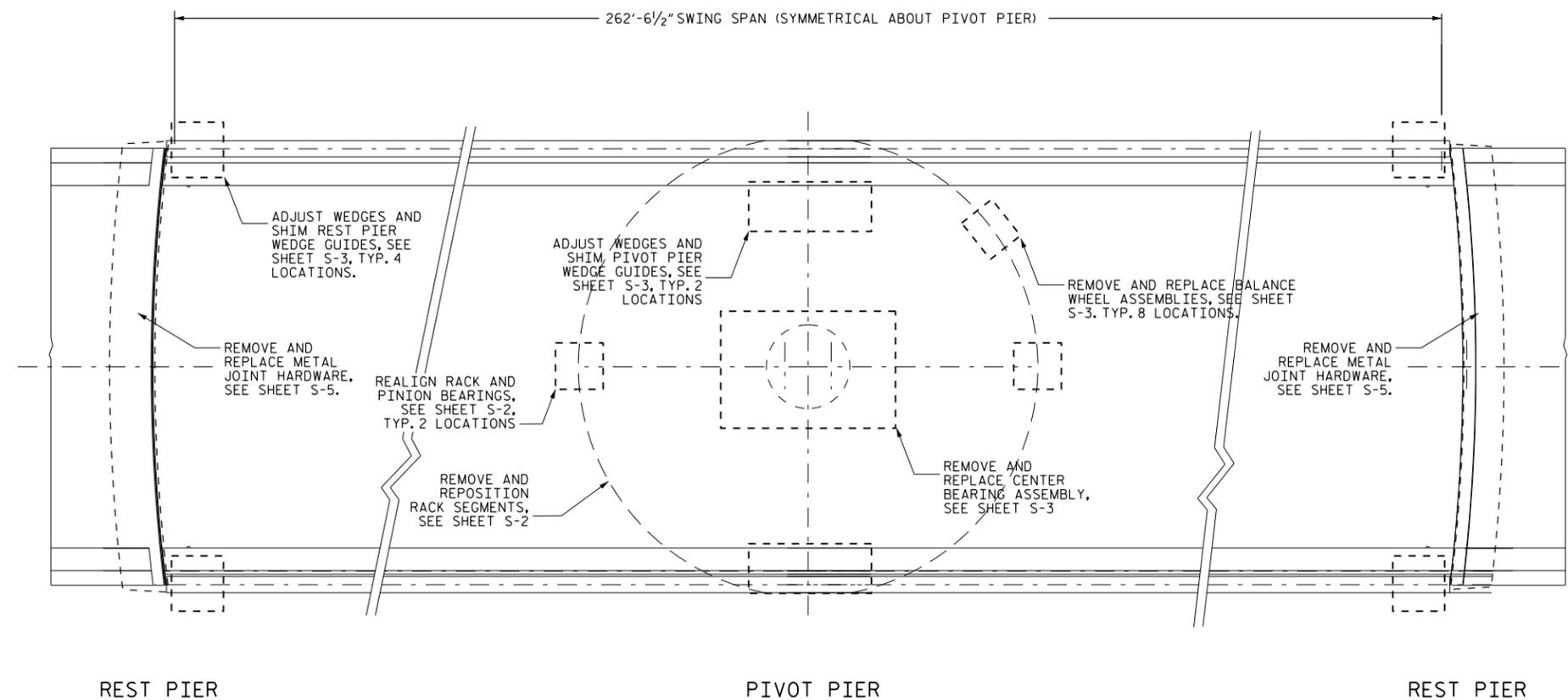


DESIGN DATA
TYRELL #7 ADT 2011 = 3200

PROJECT LENGTH
BRIDGE TYRELL #7 = .05 MILE

Prepared in the Office of:
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
STRUCTURES MANAGEMENT UNIT - PRESERVATION & REPAIR GROUP
1000 BIRCH RIDGE DR. RALEIGH, N.C. 27610
RICK NELSON, P.E.
2012 STANDARD SPECIFICATIONS
LETTING DATE:
JANUARY 16, 2013

1/8/2013
DANIEL MULLER, P.E.
PROJECT DESIGN ENGINEER



GENERAL NOTES:

EXISTING DIMENSIONS AND BRIDGE CONDITION ARE FROM BEST INFORMATION AVAILABLE. THE CONTRACTOR SHALL FIELD VERIFY THE INFORMATION SHOWN ON THE PLANS AND NOTIFY THE ENGINEER IF ACTUAL DIMENSIONS AND CONDITIONS DIFFER.

SWING SPAN IS TO BE JACKED IN THE OPEN POSITION. SEE THE SPECIAL PROVISIONS FOR JACKING AND SECURING OF SWING SPAN.

THE CONTRACTOR IS REQUIRED TO MAINTAIN PROPER BALANCE OF THE SWING SPAN AS TO ENSURE SAFE AND PROPER OPERATION.

FOR U.S. COAST GUARD NOTIFICATION, SEE SPECIAL PROVISION FOR "COORDINATION WITH THE U.S. COAST GUARD".

FOR SECURING OF VESSELS, SEE SPECIAL PROVISIONS.

FOR NAVIGATIONAL LIGHTS, SEE SPECIAL PROVISIONS.

FOR WORK IN THE NAVIGABLE WATERWAY, SEE SPECIAL PROVISIONS.

FOR REPLACEMENT OF CENTER PIVOT ASSEMBLY, SEE SPECIAL PROVISIONS.

FOR REPLACEMENT OF BALANCE WHEEL ASSEMBLIES, SEE SPECIAL PROVISIONS.

FOR ADJUSTMENT OF WEDGES AND WEDGE GUIDES, SEE SPECIAL PROVISIONS.

FOR REMOVAL AND REPOSITIONING OF RACK SEGMENTS, SEE SPECIAL PROVISIONS.

FOR REPAIRS AND REALIGNMENT OF RACK AND PINION, SEE SPECIAL PROVISIONS.

FOR MAINTENANCE OF JAW COUPLERS, SEE SPECIAL PROVISIONS.

FOR TEST OPENING REQUIREMENTS, SEE SPECIAL PROVISIONS.

FOR REQUIREMENTS OF DEMOLITION AND REMOVAL OF EXISTING METAL JOINT HARDWARE AND ADJACENT DECK CONCRETE SEE THE SPECIAL PROVISION ENTITLED "PARTIAL REMOVAL OF EXISTING STRUCTURE".

REMOVAL OF PORTIONS OF THE STRUCTURE SHALL BE PERFORMED SO AS NOT TO ALLOW DEBRIS TO FALL INTO THE WATER. THE CONTRACTOR SHALL CONDUCT DEMOLITION AND SUBMIT PLANS FOR DEMOLITION IN ACCORDANCE WITH ARTICLE 402-2 OF THE STANDARD SPECIFICATIONS.

FOR CONCRETE FOR DECK REPAIR, SEE SPECIAL PROVISIONS.

FOR "SUBMITTAL OF WORKING DRAWINGS", SEE SPECIAL PROVISIONS.

FOR "FALSEWORK AND FORMWORK", SEE SPECIAL PROVISIONS.

FOR "CRANE SAFETY", SEE SPECIAL PROVISIONS.

FOR "GROUT FOR STRUCTURES", SEE SPECIAL PROVISIONS.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO FOLLOW ALL STATE AND FEDERAL SAFETY REQUIREMENTS.

FOR THE CONTRACTOR'S CONVENIENCE, AS BUILT BRIDGE PLANS AND THE ORIGINAL MACHINERY SHOP DRAWINGS ARE INCLUDED.

STRUCTURAL STEEL PAY ITEM IS INCLUDED TO COVER THE COST OF FURNISHING AND INSTALLING NEW METAL JOINTS, SEE THE STANDARD SPECIFICATIONS.

SCOPE OF WORK:

1. REMOVE AND REPLACE THE CENTER PIVOT ASSEMBLY.
2. REMOVE AND REPLACE THE BALANCE WHEELS AND BALANCE WHEEL SHAFTS.
3. ADJUST WEDGES AND SHIM AND ALIGN THE WEDGE GUIDES AT THE PIVOT PIER AND REST PIERS.
4. REMOVE AND REPOSITION THE RACK SEGMENTS.
5. REPLACE THE BOLTS, BUSHINGS AND REALIGN THE RACK AND PINION BEARINGS.
6. PERFORM REQUIRED MAINTENANCE AT JAW COUPLING ALONG WEDGE DRIVE LONGITUDINAL SHAFTS.
7. REMOVE AND REPLACE BOTH JOINTS AT EACH END OF THE SWING SPAN.

SEQUENCE OF CONSTRUCTION:

1. CLOSE THE BRIDGE TO VEHICULAR TRAFFIC PER THE TRAFFIC MANAGEMENT PLANS.
2. FULLY OPEN THE SWING SPAN.
3. JACK THE SWING SPAN AND SECURE IT TO THE FENDER SYSTEM IN ACCORDANCE WITH THE PREVIOUSLY APPROVED SUBMITTALS.
4. REMOVE THE CENTER BEARING ASSEMBLY, THE BALANCE WHEELS, BALANCE WHEEL SHAFTS, RACK SEGMENTS AND REMOVE METAL JOINTS AT EACH END OF SWING SPAN.
5. INSTALL THE REPLACEMENT CENTER BEARING ASSEMBLY.
6. INSTALL THE REPLACEMENT BALANCE WHEEL ASSEMBLIES.
7. REPOSITION THE RACK SEGMENTS AND SET TO RACK TO LEVEL. INSTALL NEW BOLTS AT RACK PINION BEARINGS.
8. INSTALL NEW METAL JOINTS AT ENDS OF SWING SPAN AND REPAIR ADJACENT BRIDGE DECK.

9. PERFORM JAW COUPLING MAINTENANCE.

10. VERIFY AND ADJUST INITIAL BALANCE WHEEL CLEARANCES AND RACK AND RACK PINION ALIGNMENT.
11. LOWER THE SWING SPAN.
12. CLOSE THE SPAN.
13. SHIM AND ALIGN PIVOT PIER WEDGES.
14. SHIM AND ALIGN REST PIER WEDGES.
15. SHIM AND ALIGN THE RACK, RACK PINION, AND RACK AND PINION BEARINGS. REPLACE BUSHINGS AT THE RACK AND PINION BEARINGS.
16. PROVIDE 12 TEST OPENINGS AND PERFORM NECESSARY SHIMMING AND ALIGNMENT ADJUSTMENTS. FINAL TEST OPENING SHALL REQUIRE NO ADJUSTMENTS.
17. GROUT REPOSITIONED RACK IN PLACE AND VERIFY NO MOVEMENT IN RACK.

PROJECT NO. 15B.13.24
TYRELL COUNTY
 BRIDGE #: 7

SHEET OF

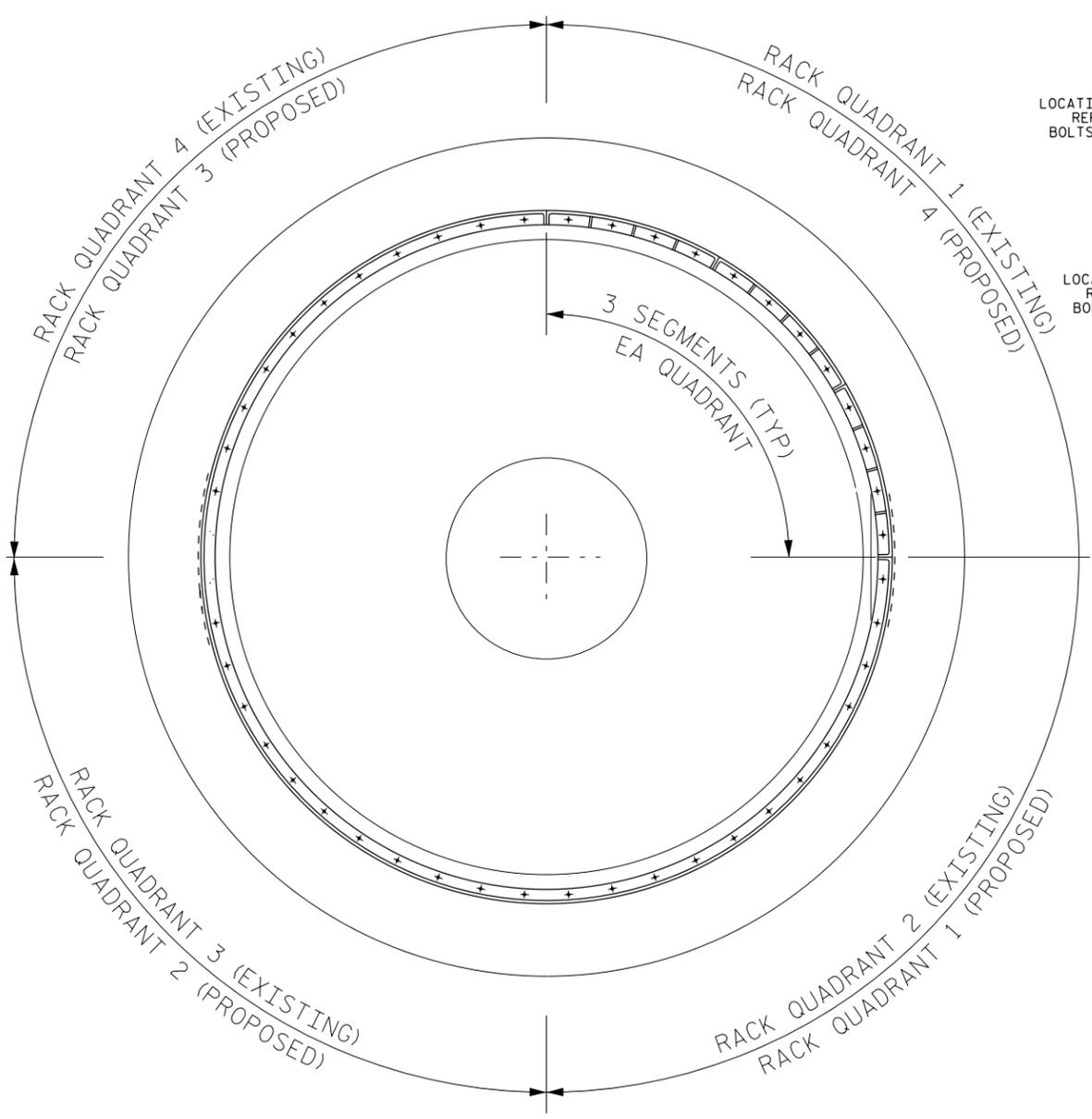
TOTAL BILL OF MATERIAL									
JACKING AND SECURING OF SWING SPAN	REMOVE AND REPLACE CENTER BEARING ASSEMBLY	REMOVE AND REPLACE BALANCE WHEEL ASSEMBLIES	ADJUSTMENT OF WEDGES AND WEDGE GUIDES	REMOVAL AND REPOSITIONING OF RACK SEGMENTS	REPAIR AND REALIGNMENT OF RACK AND PINION BEARINGS	MAINTENANCE OF JAW COUPLERS	PARTIAL REMOVAL OF EXISTING STRUCTURE	CONCRETE FOR DECK REPAIR	APPROX. 4420 LBS STRUCTURAL STEEL
LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM	EA	LUMP SUM	C.Y.	LUMP SUM
LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM	18	LUMP SUM	4.8	LUMP SUM

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

GENERAL DRAWING
 GENERAL NOTES
 SCOPE OF WORK

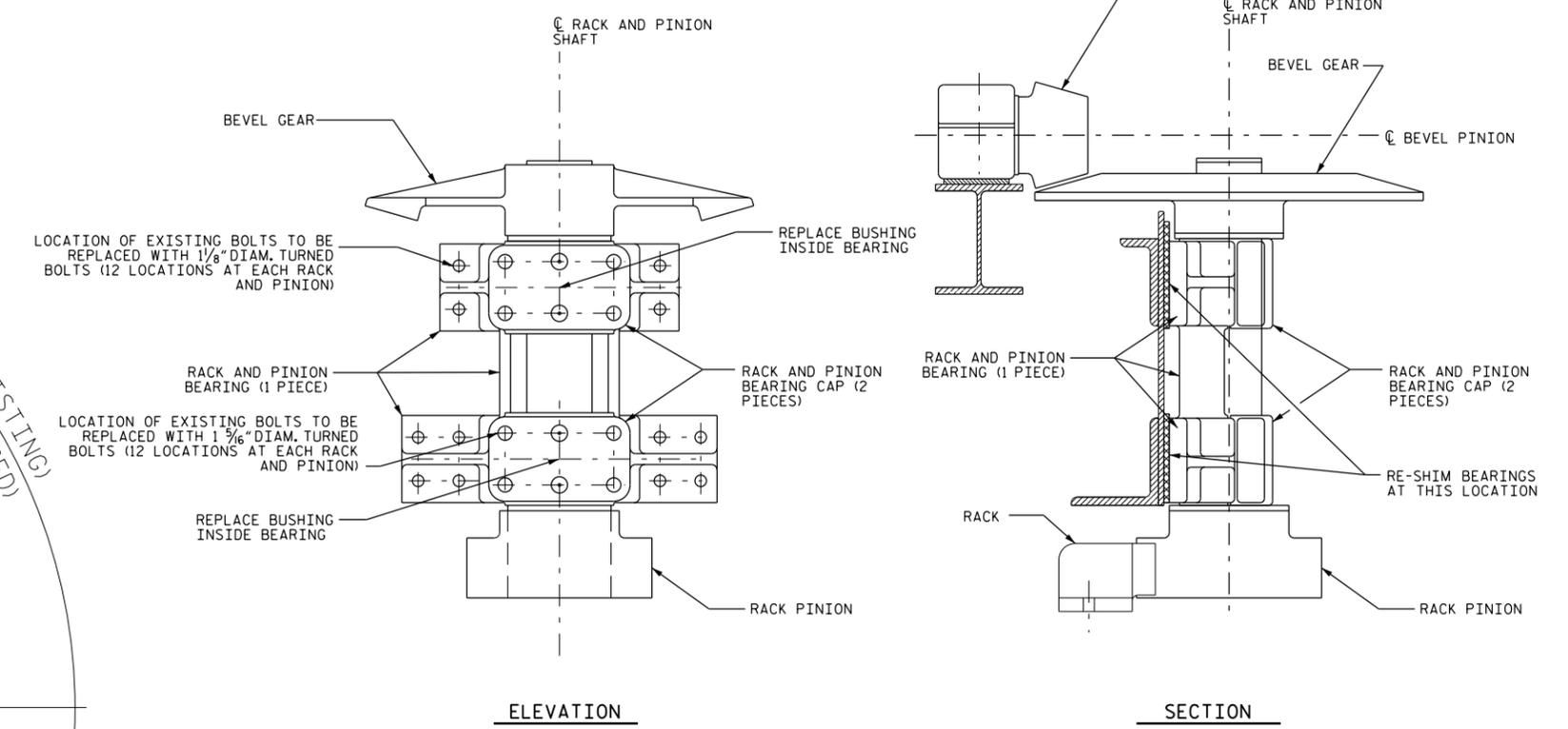
REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	TOTAL SHEETS
1			3			5-1
2			4			5

DRAWN BY : D. MULLER DATE : 11/12
 CHECKED BY : E. NELSON DATE : 11/12
 DESIGN ENGINEER OF RECORD: D. MULLER DATE : 11/12



PLAN FOR REPOSITION OF RACK

NOTES:
 SET RACK LEVEL PRIOR TO ADJUSTMENT OF WEDGES AND RACK AND PINION BEARINGS.



ELEVATION

SECTION

REPAIR & REALIGNMENT OF RACK AND PINION

NOTES:
 SHIM BEARINGS SO THAT CONTACT BETWEEN GEAR AND PINION TEETH IS NO LESS THAN 60% OF FULL FACE CONTACT.
 SHIM BEARINGS SUCH THAT ANGLE BETWEEN ϕ OF BEVEL PINION SHAFT AND RACK AND RACK AND PINION SHAFT IS 90 DEGREES.

DRAWN BY :	-	DATE :	-
CHECKED BY :	-	DATE :	-
DESIGN ENGINEER OF RECORD :	-	DATE :	-

08-JAN-2013 21:26
 S:\PRIS\POC\Squad C\field Investigation\Divsion One\880007 Alligator River\15B 13 24 PLANS.dgn
 dmuller

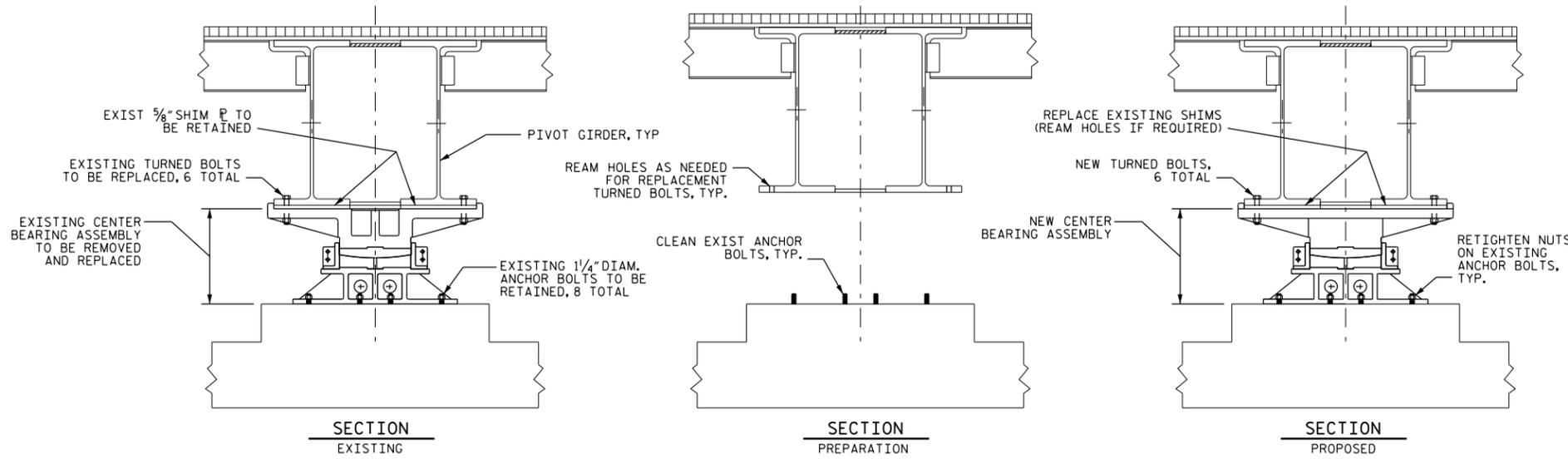
PROJECT NO. 15B.13.24
TYRELL COUNTY
 BRIDGE #: 7

SHEET OF

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

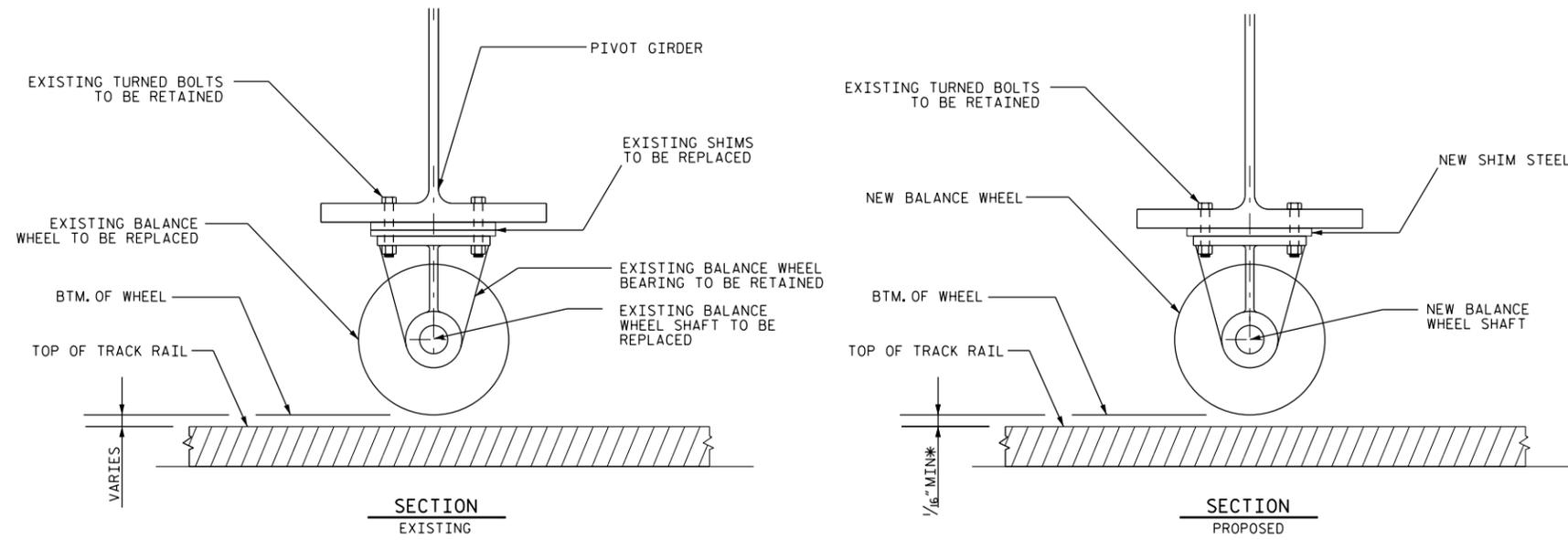
PIVOT PIER
 PLAN AND SECTION

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-2
1			3			TOTAL SHEETS
2			4			5



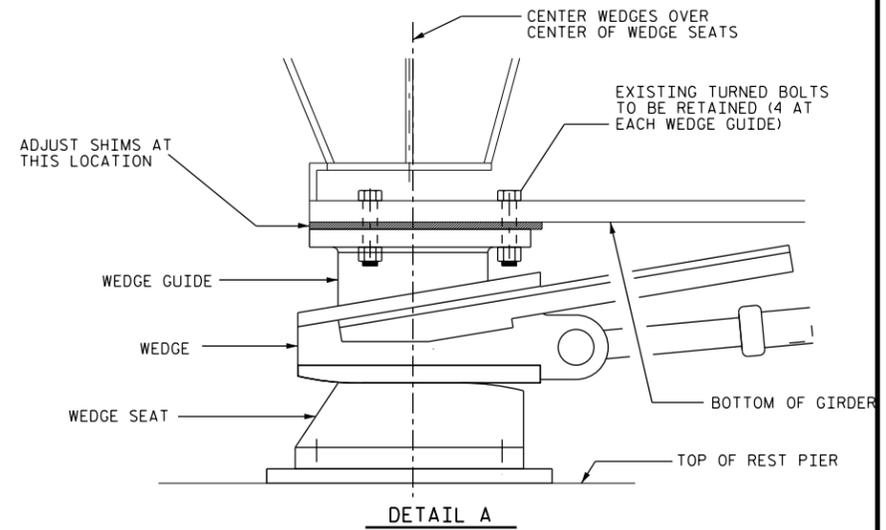
CENTER BEARING REPLACEMENT

NOTES:
 LUBRICATION AND GASKETS TO BE INSTALLED PRIOR TO OPERATION OF BRIDGE
 CARE SHALL BE TAKEN NOT TO DAMAGE EXISTING ANCHOR BOLTS DURING REMOVAL.
 FIELD PAINT THE REPLACEMENT BEARING ASSEMBLY IN ACCORDANCE WITH THE SPECIAL PROVISION.

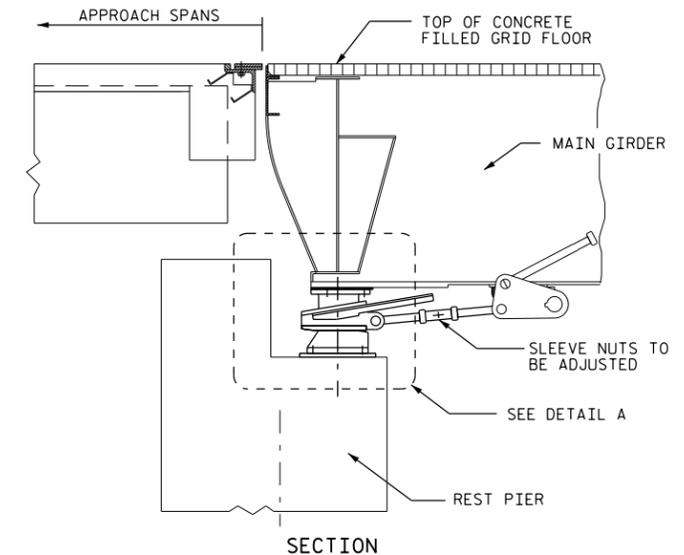


BALANCE WHEEL ASSEMBLY REPLACEMENT

NOTES:
 EXISTING AND REPLACEMENT SET SCREWS NOT SHOWN FOR CLARITY, SET SCREW SHALL BE INSTALLED PRIOR TO OPERATION OF BRIDGE.
 FIELD PAINT THE REPLACEMENT BALANCE WHEELS AND ENDS OF SHAFTS IN ACCORDANCE WITH THE SPECIAL PROVISION.



DETAIL A



WEDGE GUIDE ADJUSTMENT DETAIL

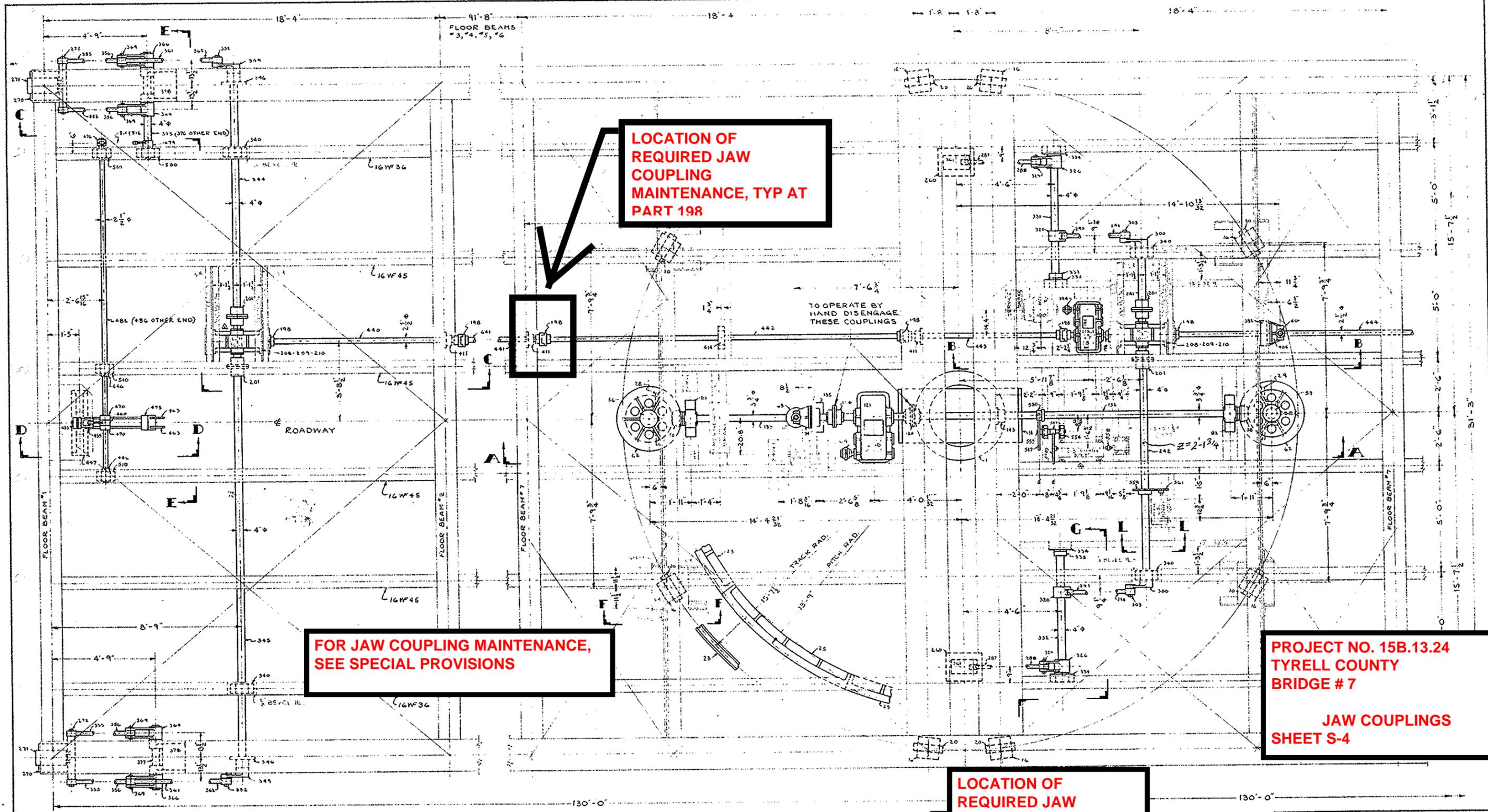
REST PIER SHOWN, PIVOT PIER SIMILAR
 NOTES:
 WEDGE GUIDES AT REST PIERS SHALL BE SHIMMED SO THAT DRIVING OF THE WEDGES LIFTS GIRDERS ENDS NO LESS THAN 1/4".
 WEDGE GUIDES AT PIVOT PIER SHALL BE SHIMMED TO THAT DRIVEN WEDGES ARE IN FIRM CONTACT WITH BOTTOM OF GIRDERS BUT DO NOT RAISE THE GIRDERS.
 THE EXISTING CONDITION OF THE SLEEVE NUTS IS SUCH THAT STATE MAINTENANCE FORCES HAVE BEEN UNABLE TO TURN THE NUTS.

PROJECT NO. 15B.13.24
TYRELL COUNTY
 BRIDGE #: 7

SHEET OF

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH					
DETAILS					
REVISIONS					
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		
SHEET NO.					S-3
TOTAL SHEETS					5

DRAWN BY :	-	DATE :	-
CHECKED BY :	-	DATE :	-
DESIGN ENGINEER OF RECORD :	-	DATE :	-



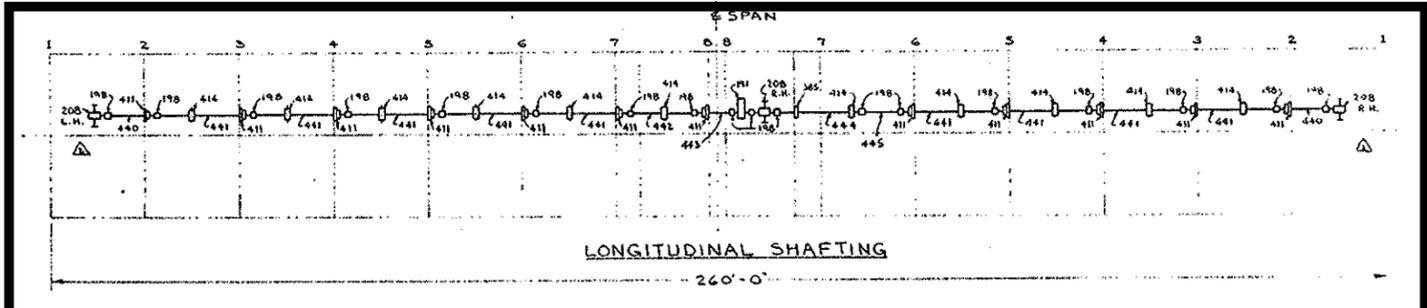
**LOCATION OF
REQUIRED JAW
COUPLING
MAINTENANCE, TYP AT
PART 198**

**FOR JAW COUPLING MAINTENANCE,
SEE SPECIAL PROVISIONS**

**PROJECT NO. 15B.13.24
TYRELL COUNTY
BRIDGE # 7

JAW COUPLINGS
SHEET S-4**

**LOCATION OF
REQUIRED JAW
COUPLING
MAINTENANCE, TYP AT
PART 198**



INSPECTION PROENLING & ROBERTSON, INC.

GENERAL NOTES
ALL STEEL CASTINGS & FORGINGS TO BE ANNEALED
SPOT FACE FOR ALL BOLT HEADS & NUTS
SCRIBE PITCH LINES ON BOTH SIDES OF ALL GEARS
SHOP PAINT—ONE COAT—
FINISHED SURFACES COATED—
CUT OIL GROOVES IN ALL BEARINGS UNLESS NOTED
ALL SHIMS TO BE DRILLED

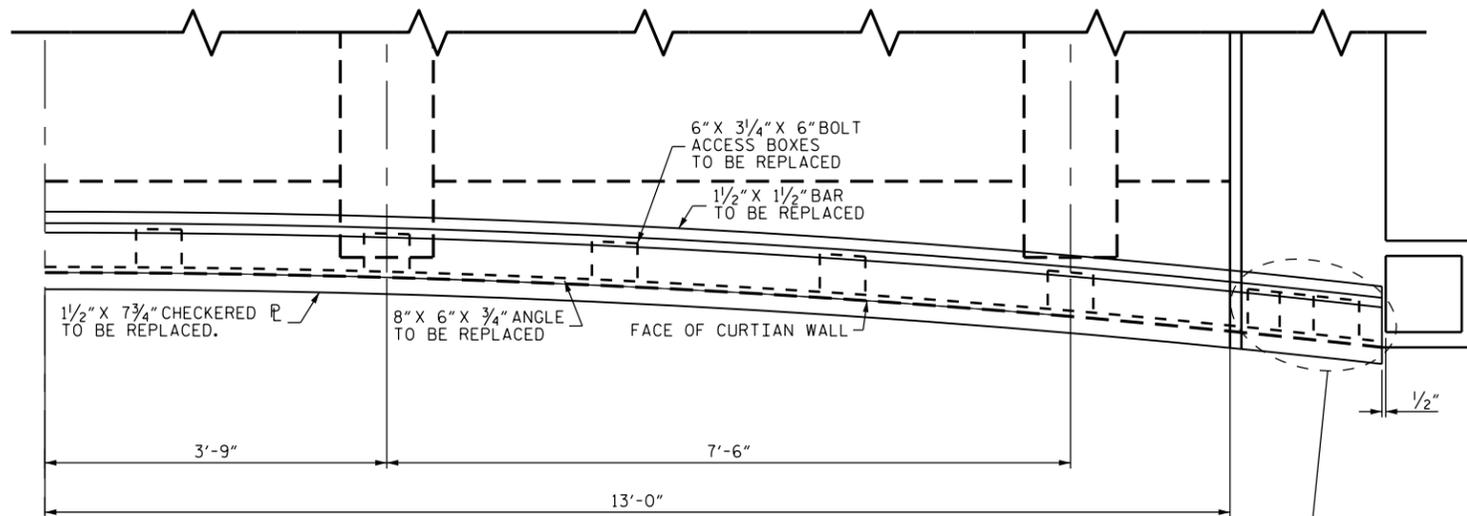
NO.	DATE	BY	DESCRIPTION
2-1-61	AJC	RELOCATED R.H. C.L.H. WORM UNITS	
3-1-60	AK	LOCATED WEDGE LIMIT SWITCH	

S.O. D-7925 CONTRACT 8.11907

MACHINERY ASSEMBLY
ALLIGATOR RIVER SWING SPAN
OVER ALLIGATOR RIVER
TYRELL-DARE COUNTY, N.C.

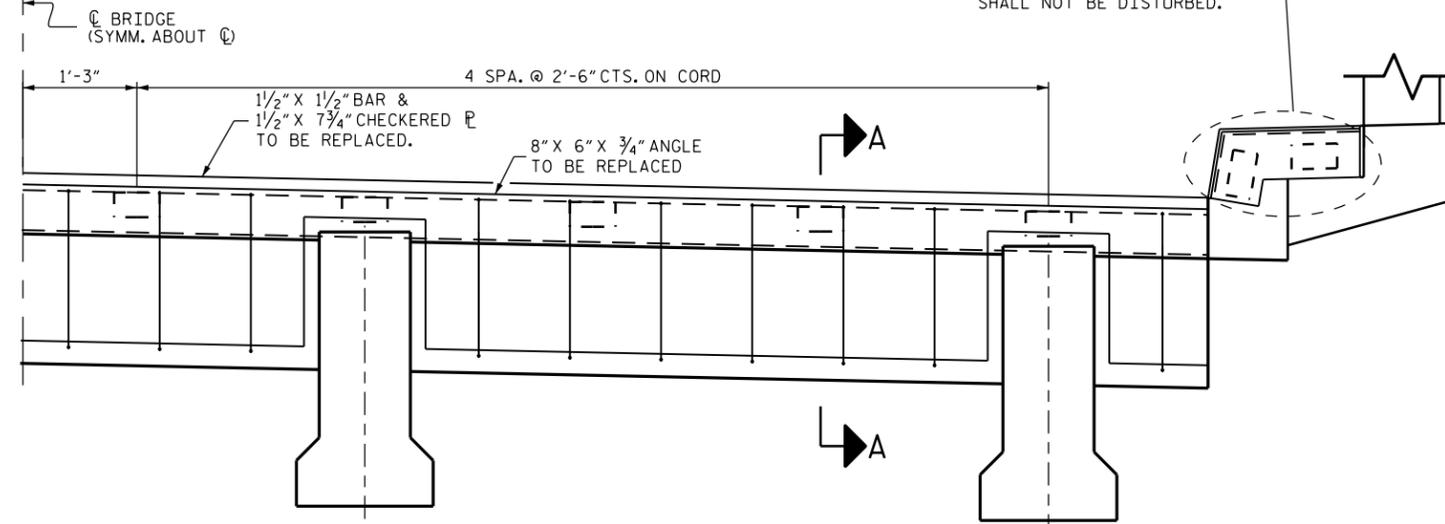
THE EARLE GEAR AND MACHINE COMPANY
4707 TO 4715 STENTON AVENUE
PHILADELPHIA 44, PA.

DRAWN BY: A.J.C. 8-15-60 APPROVED BY: S.H.C. 9-9-60
CHECKED BY: S.B. 2-23-60 REV. APPROV.
DATE: REV. APPROV.
SHEET 10 OF 11 DWG. NO. 6860 E-30

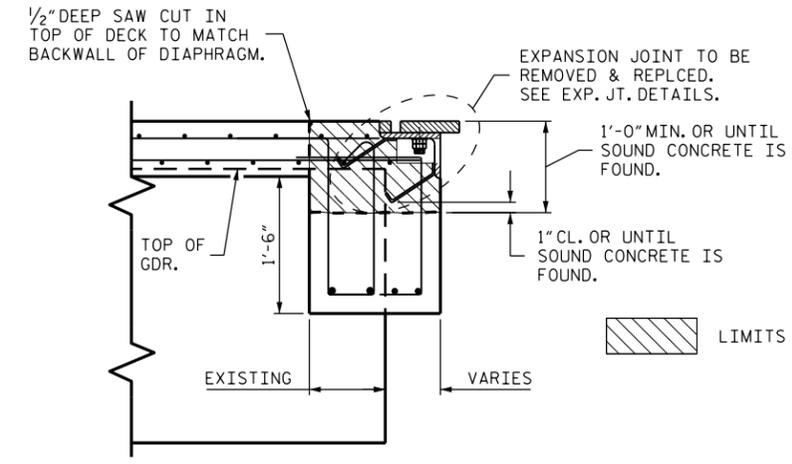


PLAN - SHOWING EXP. PLATE

JT. STEEL @ THE CURB FACE AND TOP OF CURB. SHALL NOT BE DISTURBED.

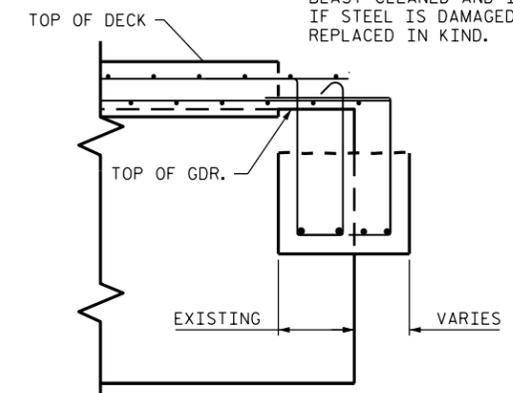


ELEVATION - SHOWING EXP. PLATE



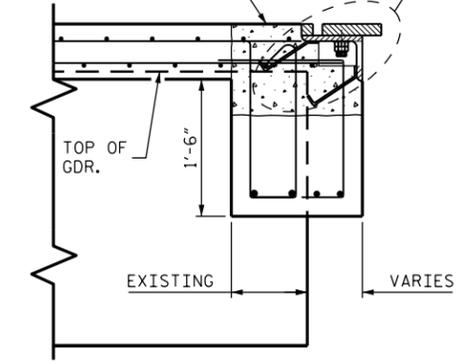
SECTION A-A (EXISTING)

NOTE: ALL EXISTING STEEL SHALL BE BLAST CLEANED AND INSPECTED FOR DAMAGE. IF STEEL IS DAMAGED, STEEL SHALL BE REPLACED IN KIND.

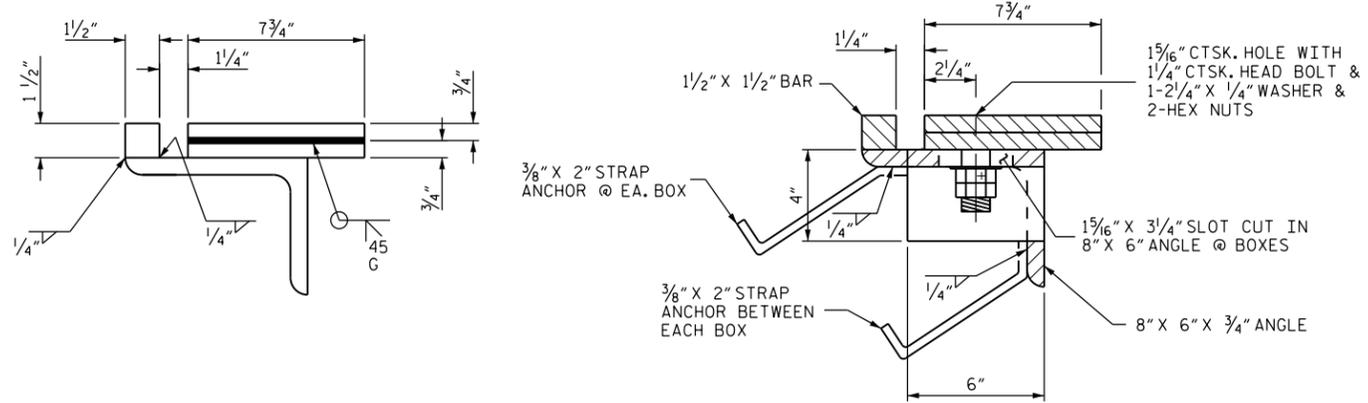
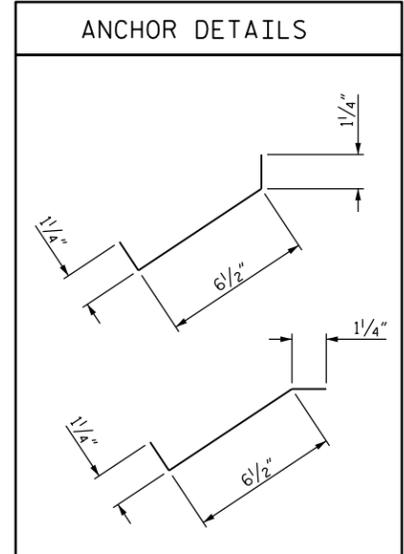


SECTION A-A (MIN. DEMOLITION)

CONCRETE FOR DECK REPAIR, SEE SPECIAL PROVISIONS.
 NEW EXPANSION JT.



SECTION A-A (COMPLETED REPAIR)



EXPANSION PLATE DETAIL

PROJECT NO. 15B.13.24
 TYRELL COUNTY
 BRIDGE #: 7

SHEET OF

STATE OF NORTH CAROLINA					
DEPARTMENT OF TRANSPORTATION					
RALEIGH					
REPAIR OF METAL JOINTS					
REVISIONS					
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		
SHEET NO.					S-5
TOTAL SHEETS					5

DRAWN BY : CL BRIGHT DATE : 01/13
 CHECKED BY : D. MULLER DATE : 01/13
 DESIGN ENGINEER OF RECORD : D. MULLER DATE : 01/13

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

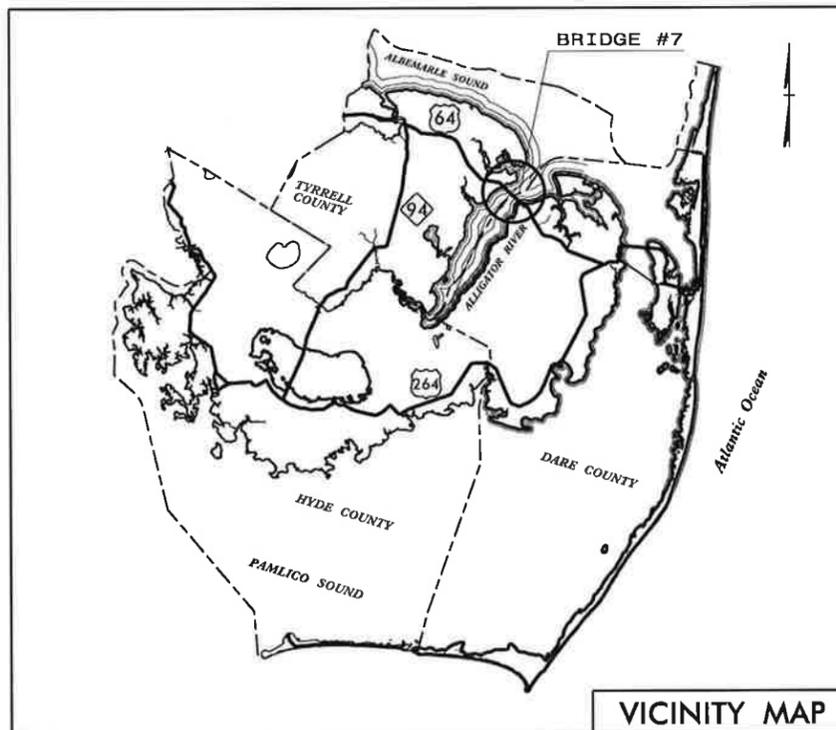
TRANSPORTATION MANAGEMENT PLAN

TYRRELL COUNTY

DIVISION 1



**BRIDGE #7 - US 64 OVER ALLIGATOR RIVER
REPAIRS TO SWING SPAN**



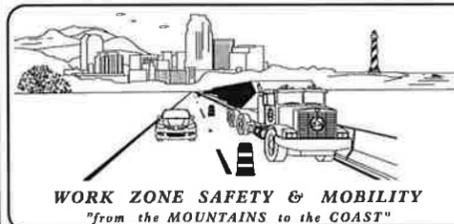
VICINITY MAP

INDEX OF SHEETS

SHEET NO.	TITLE
TMP-1	TITLE SHEET AND INDEX OF SHEETS
TMP-2	LEGEND AND LIST OF ROADWAY STANDARD DRAWINGS
TMP-3	GENERAL NOTES & PHASING
TMP-4	US 64 / NC 94 DETOUR POINT
TMP-5	US 64 ROAD CLOSURE - WESTERN END OF BRIDGE
TMP-6	US 64 ROAD CLOSURE - EASTERN END OF BRIDGE
TMP-7	US 64 / US 264 DETOUR POINT
TMP-8	US 64 DETOUR ROUTE

TRAFFIC MANAGEMENT STRATEGY

PROPOSED BRIDGE REPAIRS WILL BE PERFORMED USING A TIME RESTRICTED ROAD CLOSURE WITH OFFSITE DETOUR. REFER TO SHEET TMP-3 FOR PHASING.



PLAN PREPARED FOR NCDOT STRUCTURES MANAGEMENT UNIT
RALEIGH, NC



PLAN PREPARED BY:
Stantec Consulting Services Inc.
801 Jones Franklin Road-Suite 300
Raleigh, NC 27606
Tel. 919.851.6866
Fax. 919.851.7024
www.stantec.com

BETSY L. WATSON, P.E. TRAFFIC ENGINEER
GEORGE KARAGEORGE SR. TRANSPORTATION DESIGNER

APPROVED: *Betsy L. Watson*
DATE: 9/18/12

SEAL



SHEET NO.
TMP-1

WBS 15B.13.24

PROJ. REFERENCE NO.	SHEET NO.
15B.13.24	TMP-2

LEGEND

- DIRECTION OF TRAFFIC FLOW
 - DIRECTION OF PEDESTRIAN TRAFFIC FLOW
 - WORK AREA
 - PAVEMENT REMOVAL
 - NORTH ARROW
 - TYPE III BARRICADE
 - CONE
 - DRUM
 - SKINNY DRUM
 - TUBULAR MARKER
 - CHANGEABLE MESSAGE SIGN (CMS)
 - FLAGGER
 - AUTOMATED FLAGGER ASSISTANCE DEVICE (AFAD)
 - FLASHING ARROW BOARD (TYPE C)
 - LAW ENFORCEMENT
 - TRUCK MOUNTED ATTENUATOR (TMA)
 - PORTABLE CONCRETE BARRIER (PCB)
 - TEMPORARY CRASH CUSHION
 - TEMPORARY SHORING
 - WORK ZONE SIGN-PORTABLE
 - WORK ZONE SIGN-STATIONARY
 - WORK ZONE SIGN-STATIONARY OR PORTABLE
- SIGNALS**
- EXISTING
 - PROPOSED
 - TEMPORARY
- PAVEMENT MARKINGS**
- EXISTING PAVEMENT MARKING (GRAY)
 - SKIP LINES
 - MINI-SKIP LINES
 - SOLID LINES
- PAVEMENT MARKING SYMBOLS**
- PAVEMENT MARKING SYMBOLS
 - EXISTING PAVEMENT MARKING SYMBOLS (HOLLOW)
 - ONLY PAVEMENT MARKING ALPHANUMERIC CHARACTERS
- PAVEMENT MARKERS**
- CRYSTAL/CRYSTAL
 - CRYSTAL/RED
 - YELLOW/YELLOW

ROADWAY STANDARD DRAWINGS

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

STD. NO.	TITLE
1110.01	STATIONARY WORK ZONE SIGNS
1115.01	FLASHING ARROW BOARDS
1145.01	BARRICADES
1165.01	WORK VEHICLE LIGHTING SYSTEMS AND TMA DELINEATION

9/18/2012 U:\TrafficControl\WBS ISP.10891.6 Alligator River Swing Span\TCP\Plan Sheets\ISP.10891.6.TC.TMP_02_RDWYSTDSLEGEND.dgn Gkgrageorge

<p>Stantec Consulting Services Inc. 801 Jones Franklin Road Suite 300 Raleigh, NC 27606 Tel. (919) 851-6866 Fax. (919) 851-7024 www.stantec.com License No. F-0672</p>	APPROVED: _____ DATE: _____			LEGEND & ROADWAY STANDARD DRAWINGS
	SEAL 			

PROJ. REFERENCE NO.	SHEET NO.
15B.13.24	TMP-3

GENERAL NOTES

THE FOLLOWING GENERAL NOTES APPLY AT ALL TIMES FOR THE DURATION OF THE PROJECT EXCEPT WHEN OTHERWISE NOTED IN THE PLAN OR DIRECTED BY THE ENGINEER.

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.

ROAD CLOSURES

- A) NOTIFY THE ENGINEER TEN (10) CALENDAR DAYS PRIOR TO THE ROAD CLOSURE.
- B) FURNISH AND INSTALL SIGNING AND DEVICES FOR ROAD CLOSURES ACCORDING TO THE TRANSPORTATION MANAGEMENT PLAN. COVER OR REMOVE ALL SIGNS AND DEVICES FOR ROAD CLOSURES WHEN NOT IN EFFECT.
- C) FURNISH AND INSTALL OFFSITE-DETOUR ROUTE SIGNING AS SHOWN IN THE TRANSPORTATION MANAGEMENT PLAN. COVER OR REMOVE OFFSITE-DETOUR SIGNING WHEN THE DETOUR IS NOT IN OPERATION. ALL DETOUR ROUTES MUST BE APPROVED BY THE ENGINEER PRIOR TO IMPLEMENTING.
- D) STATE FORCES WILL FURNISH AND INSTALL CHANGEABLE MESSAGE SIGNS. COORDINATE ROAD CLOSURE WITH STATE FORCES.
- E) ENSURE ALL NECESSARY SIGNING IS IN PLACE PRIOR TO ALTERING ANY TRAFFIC PATTERN.
- F) WHEN CLOSING A ROADWAY PLACE TYPE III BARRICADES COMPLETELY ACROSS THE ROADWAY OR FROM CURB TO CURB. ATTACH BARRICADE MOUNTED "ROAD CLOSED" SIGN R11-2 AT ALL CLOSURE LOCATIONS. IF LOCAL TRAFFIC IS TO BE MAINTAINED STAGGER THE BARRICADES TO ALLOW ACCESS.
- G) INSTALL SIGNS BEFORE BARRICADES WHEN CLOSING A ROADWAY TO TRAFFIC. REMOVE BARRICADES BEFORE SIGNS WHEN OPENING A ROADWAY TO TRAFFIC. INSTALL/REMOVE ROAD CLOSURE SIGNS AND BARRICADES IN A CONTINUOUS OPERATION AND WITHIN THE SAME CALENDAR DAY.

MISCELLANEOUS

- H) ALL DIMENSIONS AND STATIONS IN THE TRANSPORTATION MANAGEMENT PLAN AND PHASING ARE APPROXIMATE (+/-); FIELD ADJUST AS NECESSARY OR AS DIRECTED BY THE ENGINEER.
- I) ENSURE THE OVERSIZE/OVERWEIGHT PERMIT UNIT (919) 733-4740 HAS BEEN ADVISED OF THE ONGOING TRAFFIC OPERATIONS THROUGH THE DIVISION OFFICE.

PHASING

PERFORM ALL REPAIRS TO BRIDGE #7 USING A ROAD CLOSURE WITH OFF-SITE DETOUR AS SHOWN ON SHEETS TMP 4-8.

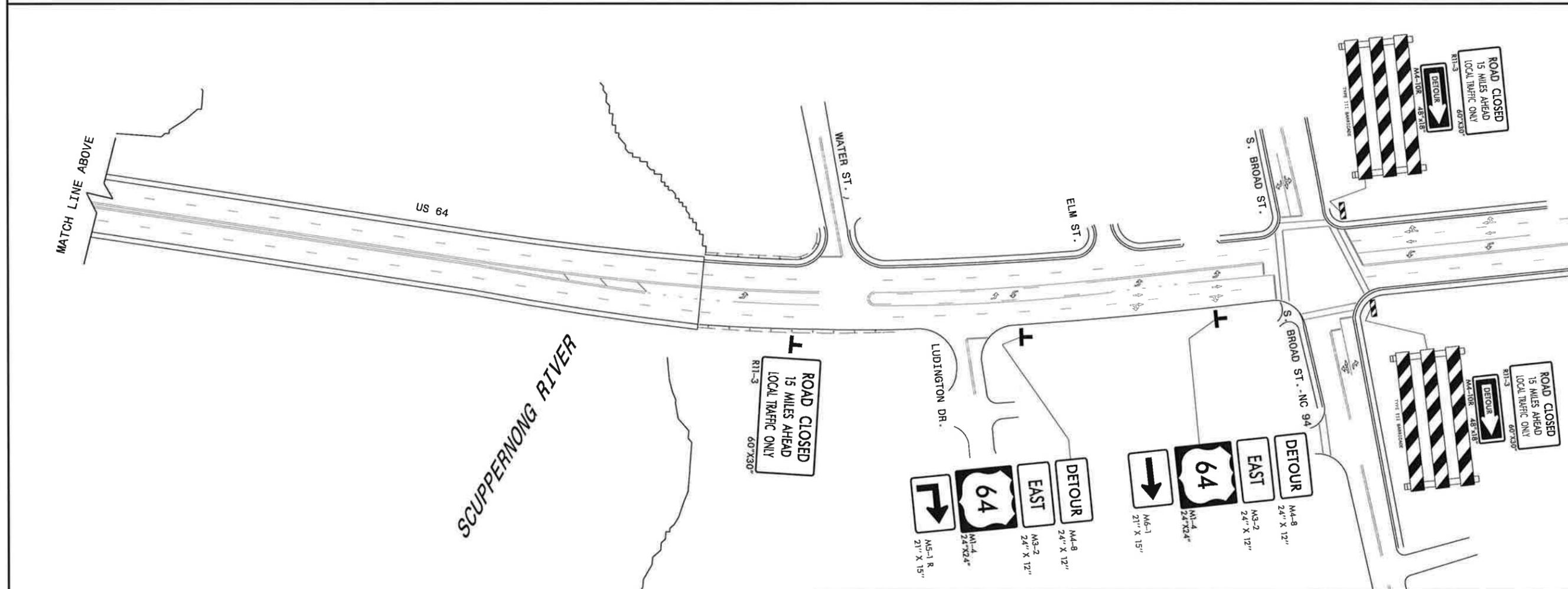
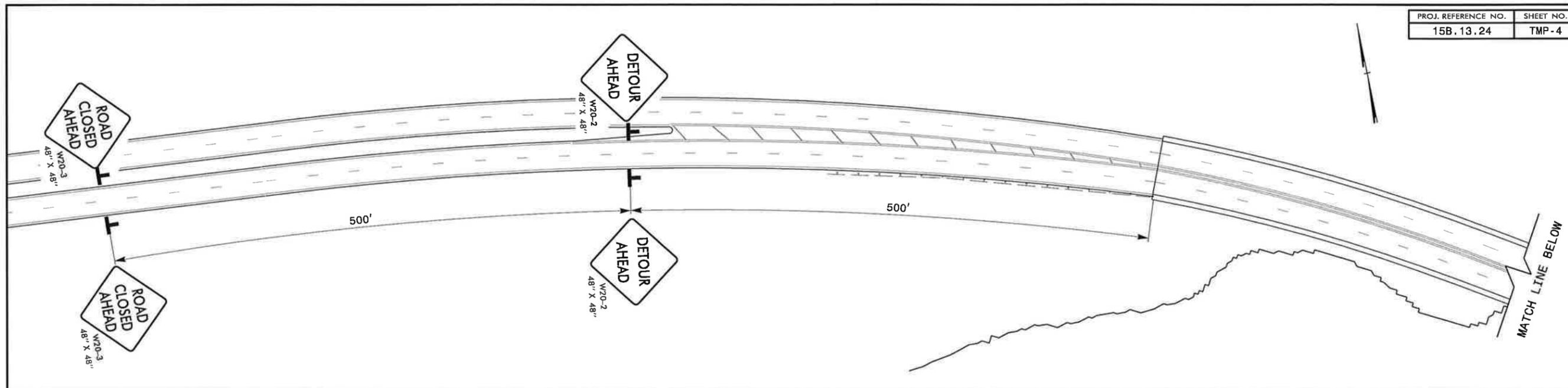
~~ONE TWELVE (12) DAY ROAD CLOSURE PERIOD WILL BE ALLOWED TO COMPLETE ALL REPAIRS. THE ROAD CLOSURE PERIOD WILL BEGIN ON A MONDAY AND END TWELVE (12) CONSECUTIVE DAYS LATER ON THE FOLLOWING FRIDAY. REFER TO INTERMEDIATE CONTRACT TIME SPECIAL PROVISION.~~

ONE TWELVE (12) DAY ROAD CLOSURE PERIOD WILL BE ALLOWED TO COMPLETE ALL REPAIRS. THE ROAD CLOSURE PERIOD WILL BEGIN ON TUESDAY APRIL 2, 2013 AT 12:01 AM AND WILL END ON SUNDAY APRIL 14, 2013 AT 12:01 PM.

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 <p>Stantec Consulting Services Inc. 801 Jones Franklin Road Suite 300 Raleigh, NC 27606 Tel. (919) 851-6866 Fax. (919) 851-7024 www.stantec.com License No. F-0672</p>	<p>APPROVED: _____ DATE: _____</p>  <p>SEAL</p> <p><i>Betsy L. Watson</i> 9/18/12</p>	 <p>DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL</p>	<p>GENERAL NOTES & PHASING</p>
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PROJ. REFERENCE NO.	SHEET NO.
15B.13.24	TMP-4

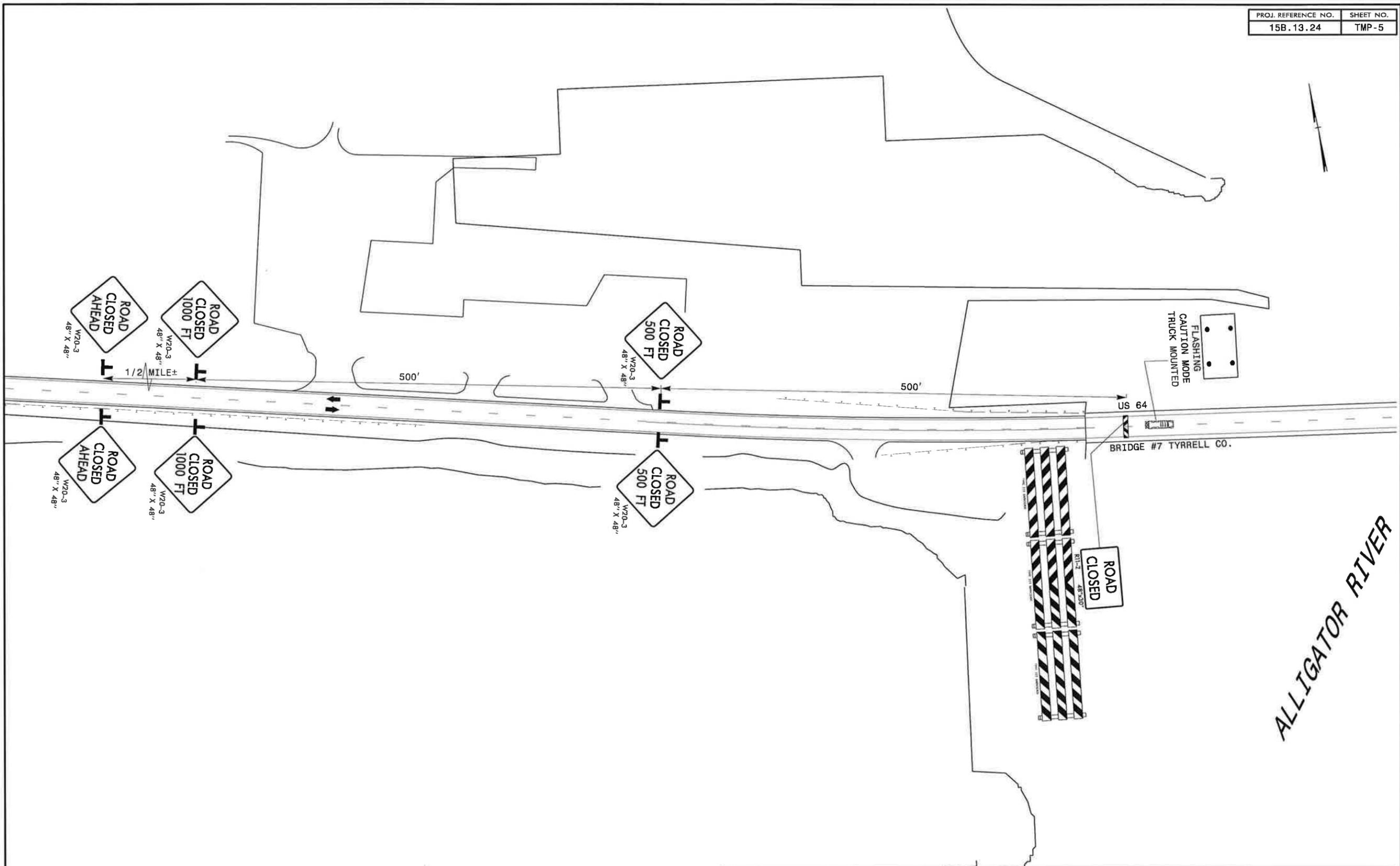


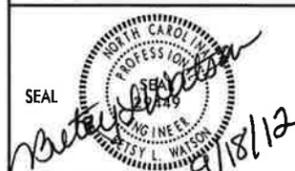
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<p>Stantec Consulting Services Inc. 801 Jones Franklin Road Suite 300 Raleigh, NC 27606 Tel. (919) 851-6868 Fax. (919) 851-7024 www.stantec.com License No. F-0672</p>	APPROVED: _____ DATE: _____ 	<p>DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL</p>	<p>US 64/NC 94 DETOUR POINT</p>

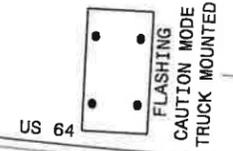
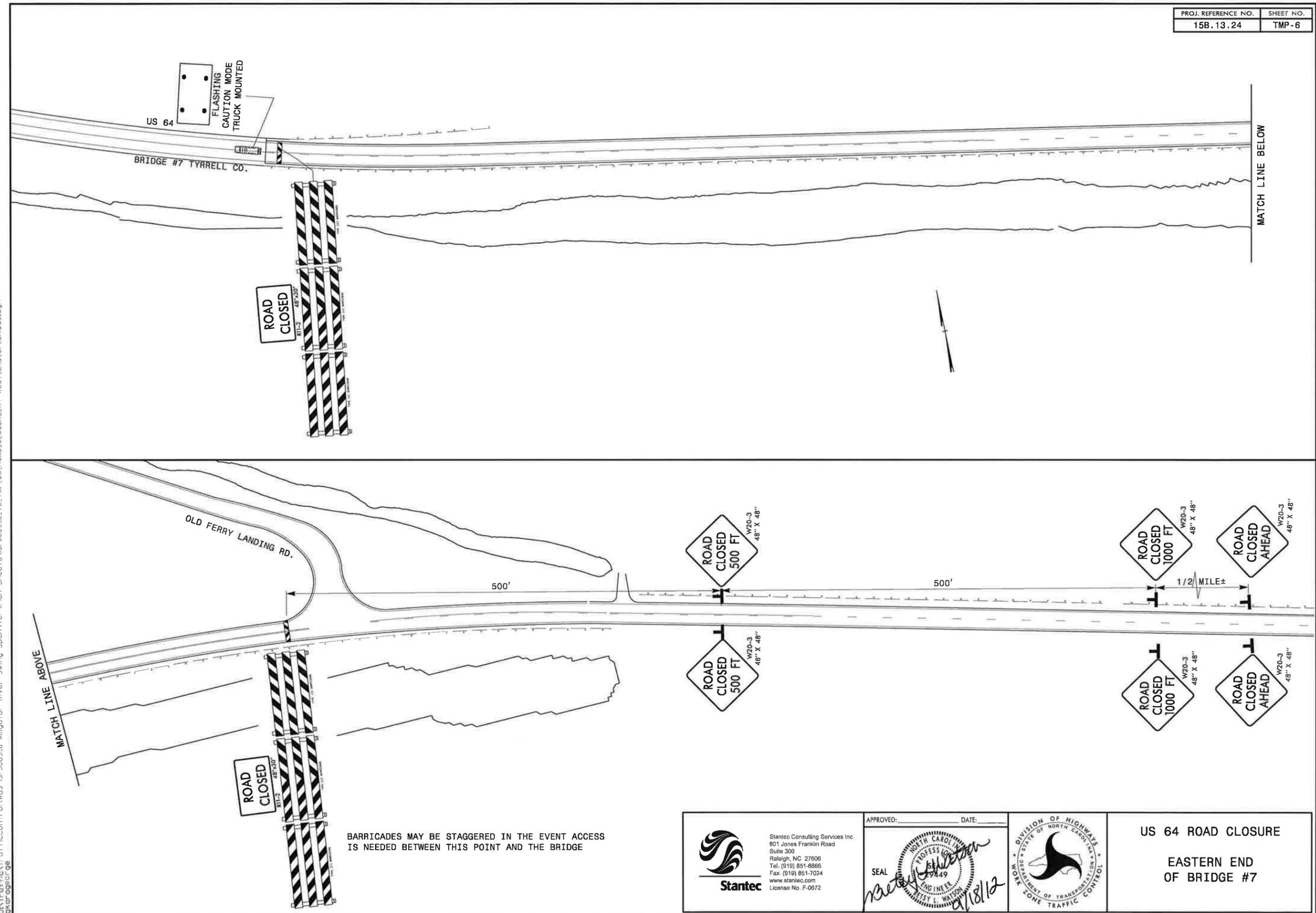
PROJ. REFERENCE NO.	SHEET NO.
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9/18/2012
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 <p>Stantec Consulting Services Inc. 801 Jones Franklin Road Suite 300 Raleigh, NC 27606 Tel. (919) 851-6866 Fax. (919) 851-7024 www.stantec.com License No. F-0672</p>	APPROVED: _____ DATE: _____ 		<p>US 64 ROAD CLOSURE</p> <p>WESTERN END OF BRIDGE #7</p>
	<p>SEAL</p> <p><i>Tetsy L. Watson</i> 9/18/12</p>		

PROJ. REFERENCE NO.	SHEET NO.
15B.13.24	TMP-6



ROAD CLOSED

ROAD CLOSED

ROAD CLOSED 500 FT

ROAD CLOSED 500 FT

ROAD CLOSED 1000 FT

ROAD CLOSED 1000 FT

ROAD CLOSED AHEAD

ROAD CLOSED AHEAD

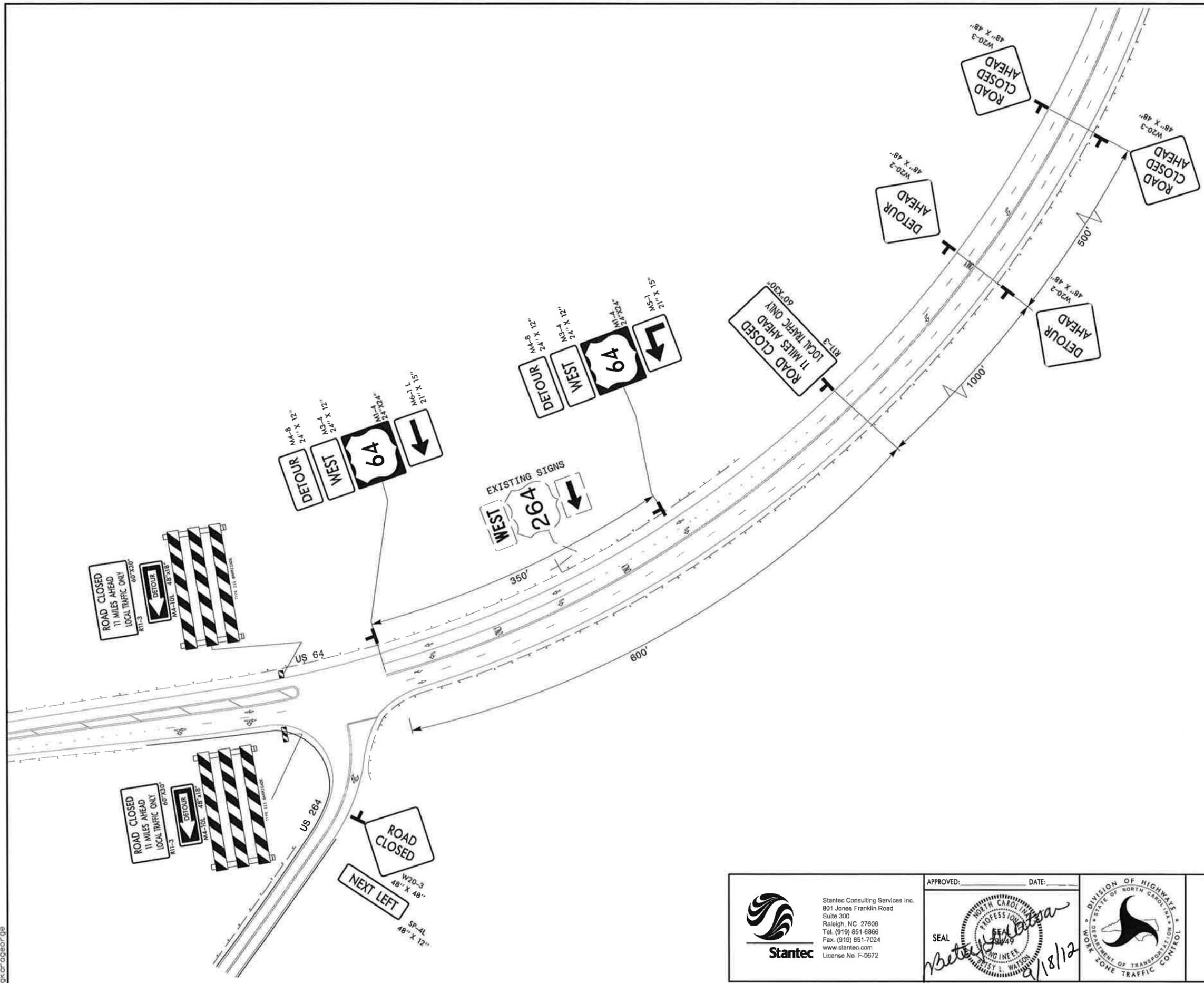
BARRICADES MAY BE STAGGERED IN THE EVENT ACCESS IS NEEDED BETWEEN THIS POINT AND THE BRIDGE

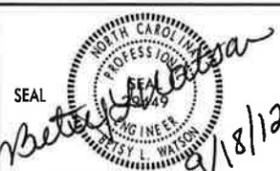
<p>Stantec Consulting Services Inc. 801 Jones Franklin Road Suite 300 Raleigh, NC 27606 Tel. (919) 851-6886 Fax. (919) 851-7024 www.stantec.com License No. F-0672</p>	APPROVED: _____ DATE: _____ 	<p>DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL</p>	<p>US 64 ROAD CLOSURE</p> <p>EASTERN END OF BRIDGE #7</p>
	SEAL 		

9/18/2012 USNTrafficControl\WBS ISP-10891.6 Alligator River Swing Span\TCP\Plan Sheets\ISP-10891.6_TC_TMP_06_ROAD_CLOSURE.AT WEST_END_OF_BRIDGE.dgn
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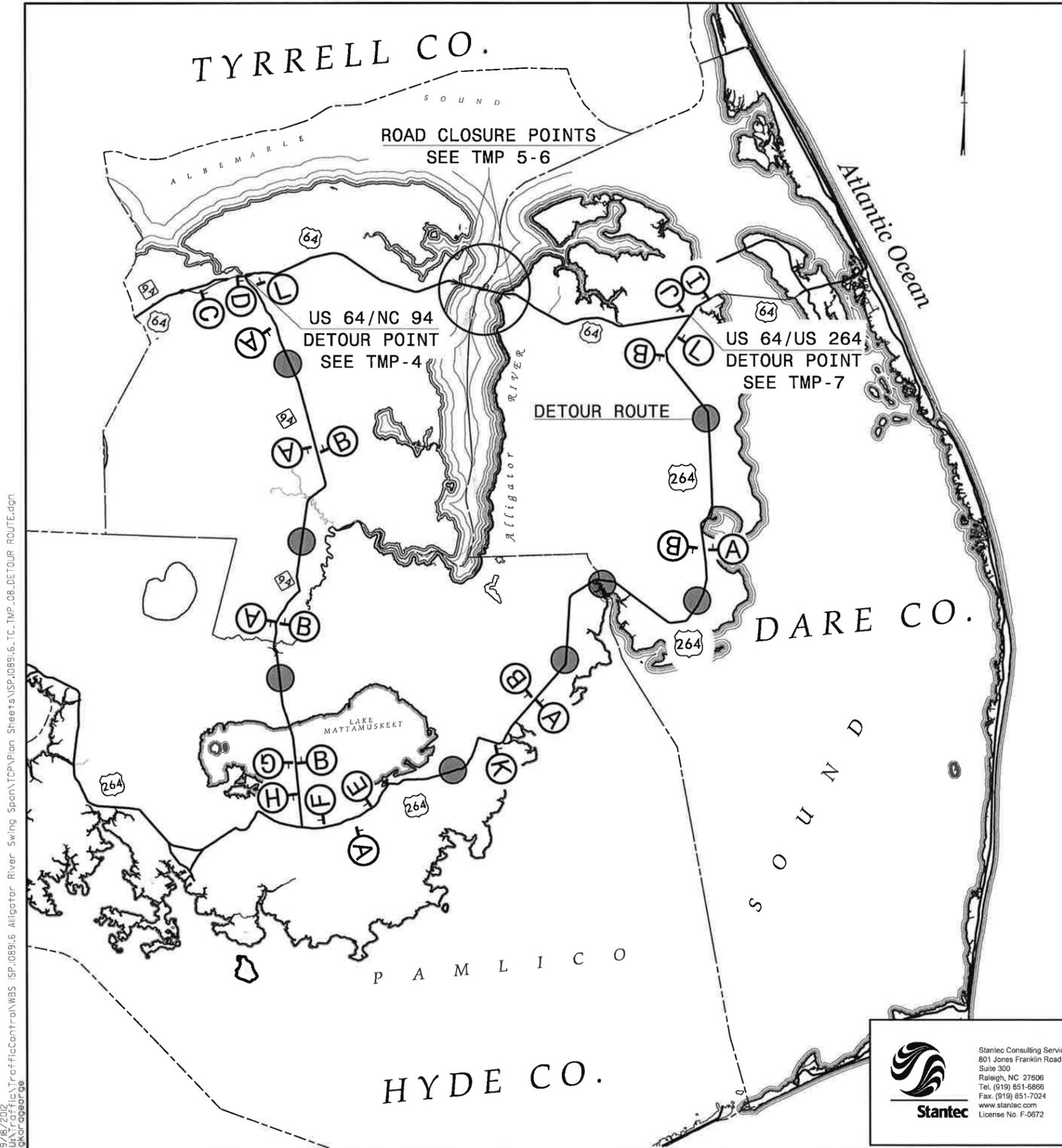
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15B.13.24	TMP-7

9/18/2012
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	9/18/12		

PROJ. REFERENCE NO.	SHEET NO.
15B.13.24	TMP-8



<p>(A) DETOUR M4-8 24" X 12" EAST M3-2 24" X 12" 64 M1-4 24" X 24" ↑ M6-3 21" X 15"</p>	<p>(B) DETOUR M4-8 24" X 12" WEST M3-4 24" X 12" 64 M1-4 24" X 24" ↑ M6-3 21" X 15"</p>	<p>(C) DETOUR M4-8 24" X 12" EAST M3-2 24" X 12" 64 M1-4 24" X 24" ↗ M5-3 R 21" X 15"</p>
<p>(D) DETOUR M4-8 24" X 12" EAST M3-2 24" X 12" 64 M1-4 24" X 24" → M6-1 21" X 15"</p>	<p>(E) DETOUR M4-8 24" X 12" WEST M3-4 24" X 12" 64 M1-4 24" X 24" ↗ M5-1 R 21" X 15"</p>	<p>(F) DETOUR M4-8 24" X 12" WEST M3-4 24" X 12" 64 M1-4 24" X 24" → M6-1 21" X 15"</p>
<p>(G) DETOUR M4-8 24" X 12" EAST M3-2 24" X 12" 64 M1-4 24" X 24" ↙ M5-1 21" X 15"</p>	<p>(H) DETOUR M4-8 24" X 12" EAST M3-2 24" X 12" 64 M1-4 24" X 24" ← M6-1 L 21" X 15"</p>	<p>(I) DETOUR M4-8 24" X 12" WEST M3-4 24" X 12" 64 M1-4 24" X 24" ↙ M5-1 21" X 15"</p>
<p>(J) DETOUR M4-8 24" X 12" WEST M3-4 24" X 12" 64 M1-4 24" X 24" ← M6-1 L 21" X 15"</p>	<p>(K) DETOUR M4-8 24" X 12" EAST M3-2 24" X 12" 64 M1-4 24" X 24" ↖ M6-2 L 21" X 15"</p>	<p>(L) END DETOUR M4-8 A 24" X 18"</p>

9/18/2012
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 Stantec Consulting Services Inc. 801 Jones Franklin Road Suite 300 Raleigh, NC 27606 Tel. (919) 851-6866 Fax. (919) 851-7024 www.stantec.com License No. F-0672	APPROVED: _____ DATE: _____ SEAL Betty Watson PROFESSIONAL ENGINEER STATE OF NORTH CAROLINA NO. 1279	 DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL	US 64 DETOUR ROUTE
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