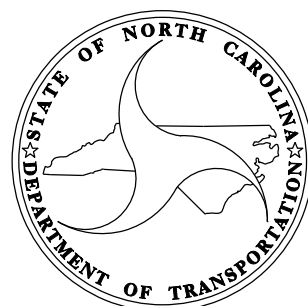
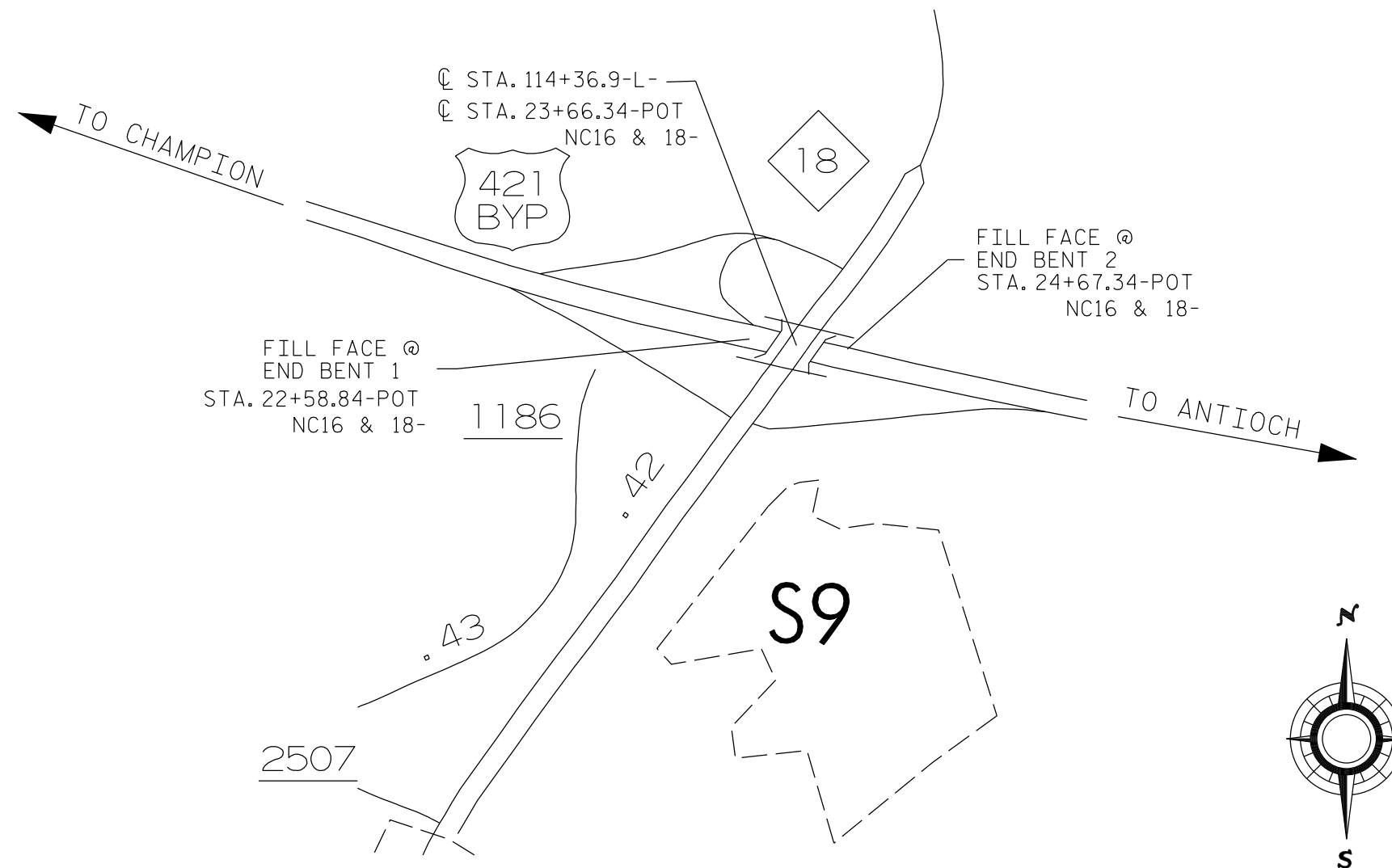


CONTRACT #D000064

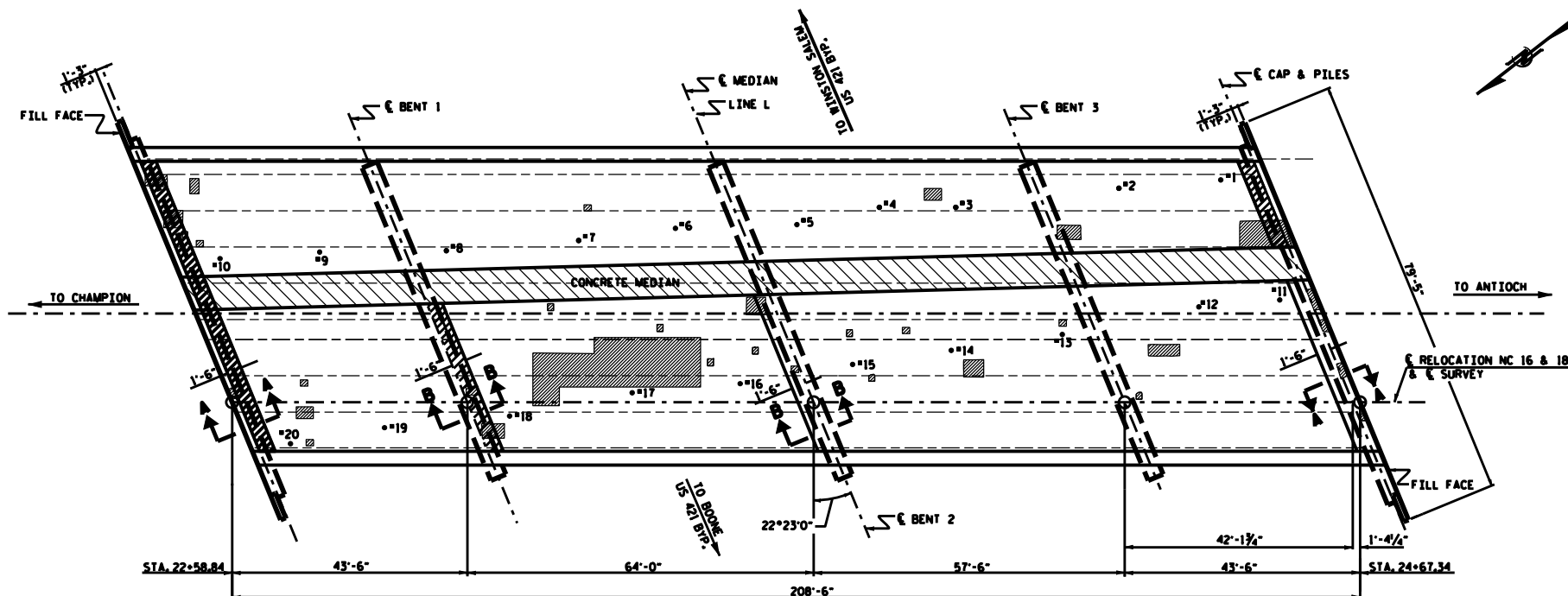
STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS		N.C.	1
<i>WILKES COUNTY</i>	<i>LOCATION: BRIDGE #23 ON NC 16 & 18 OVER US. 421 BYPASS</i>	STATE PROJ. NO. 42579.1.1	F.A. PROJ. NO. BRNHS-0421(54)
<i>TYPE OF WORK: BRIDGE DECK PRESERVATION WITH LATEX MODIFIED CONCRETE, PAVEMENT MARKING</i>		42579.3.7	BRNHS-0421(54)



PROJECT LENGTH

LENGTH STRUCTURE PROJECT = .0113 MILE

A circular professional engineer seal for the State of North Carolina. The outer ring contains the text "NORTH CAROLINA" at the top and "PROFESSIONAL" at the bottom. The center of the seal features a signature, the year "20208", the date "5/12/2010", and the name "ERIC B. NELSON, JR." with the title "ENGINEER" below it. The seal is surrounded by a series of short radial lines.



NOTES

FOR REPAIR OF BRIDGE WITH LATEX MODIFIED CONCRETE-VERY EARLY STRENGTH, SEE SPECIAL PROVISIONS.
SEE SPECIAL PROVISIONS FOR SURFACE PREPARATION.

EXPANSION JOINTS SHALL BE COVERED WITH POLYETHYLENE SHEETING OR OTHER APPROVED MATERIAL AND GRAVEL AGGREGATE DAMS PRIOR TO BEGINNING CLASS I SURFACE PREPARATION. SEE SPECIAL PROVISIONS.

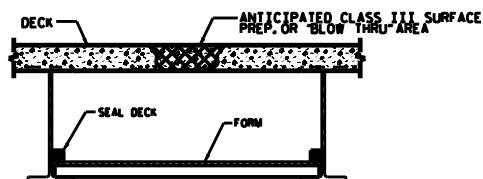
FOR HYDRO-DEMOLITION, SEE SPECIAL PROVISIONS.

THE CONTRACTOR MUST COLLECT, TREAT AND DISPOSE OF RUN-OFF WATER FROM THE HYDRO-DEMOLITION PROCESS. SEE SPECIAL PROVISIONS.

THE BOUNDARIES OF AREAS IDENTIFIED FOR CLASS III SURFACE PREPARATION ARE APPROXIMATE.

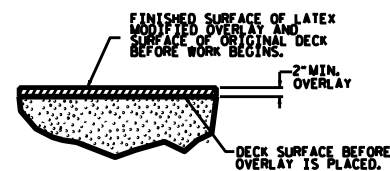
FOR EVAZOTE JOINT SEALS, SEE SPECIAL PROVISIONS.

PLAN OF SPANS -DECK REPAIRS-



TYP. "BLOW THRU" CONTAINMENT AND FORMWORK

A METHOD TO CAPTURE WATER AND DEBRIS FROM BLOW THRU DURING HYDRO-DEMOLITION SHALL BE INSTALLED IN AREAS INDICATED AS CLASS III SURFACE PREPARATION. SUBMIT DETAILS OF PROPOSED FORMWORK FOR APPROVAL PRIOR TO BEGINNING WORK. COST FOR INSTALLING AND REMOVING FORMWORK SHALL BE INCIDENTAL TO THE PRICE PER SQ. YARD OF HYDRO-DEMOLITION.



DETAIL FOR LATEX MODIFIED CONCRETE OVERLAY

- APPROX. AREA: CLASS II REPAIR
- APPROX. AREA: CLASS III REPAIR
- APPROX. TEST BORING LOCATION

PRELIMINARY PLANS

DO NOT USE FOR CONSTRUCTION

PROJECT NO. BK-5101G
COUNTY: WILKES
STATION:
BRIDGE NO. 23

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RAILROAD
**PLAN OF SPANS
FOR DECK REPAIRS**

58'-0" CLEAR ROADWAY (22'-23' SKEW)

REVISIONS				DATE			
NO.	BY	DATE	NO.	BY	DATE	NO.	BY
1			2			3	
4			5			6	

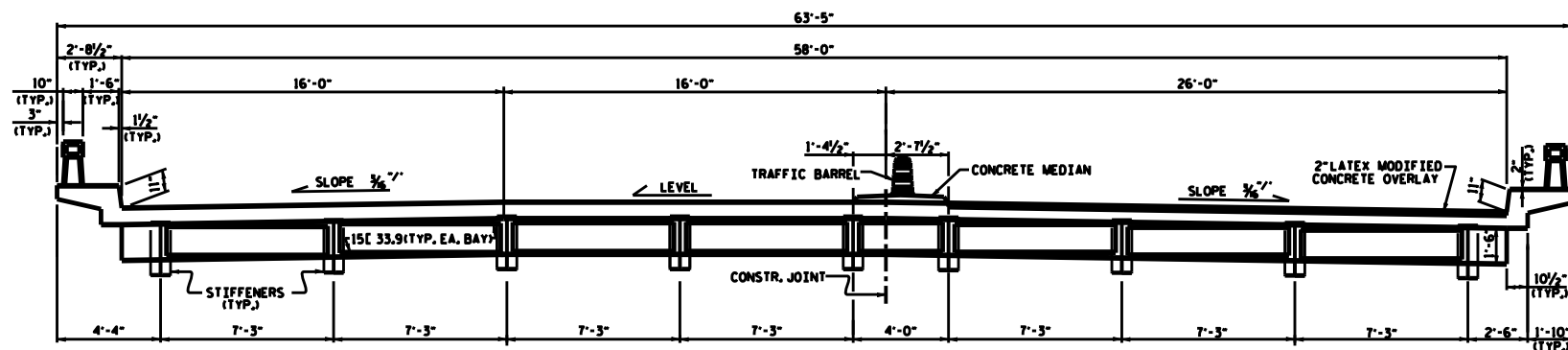
S-1

TOTAL BILL OF MATERIAL

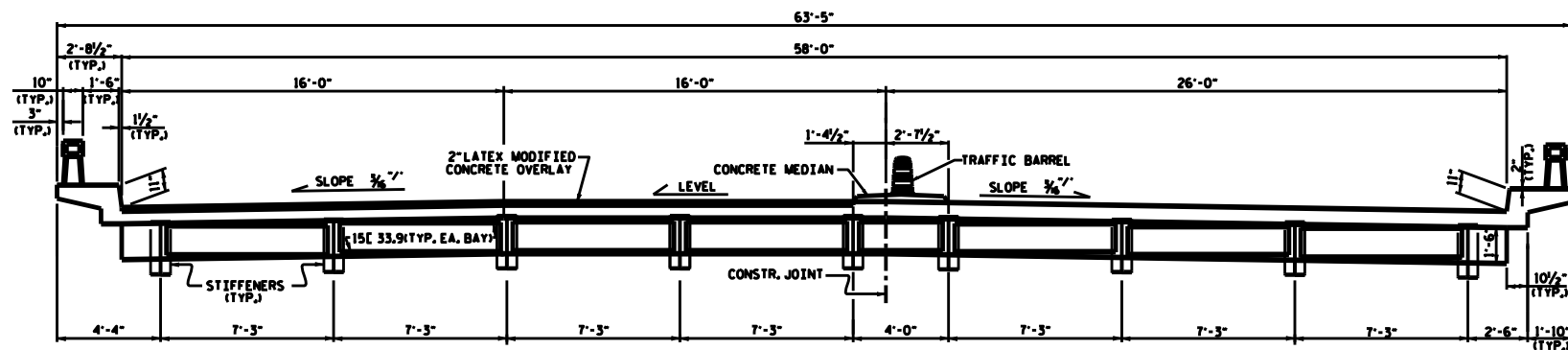
DECK SCARIFICATION	CLASS I SURFACE PREPARATION	CLASS IA SURFACE PREPARATION	CLASS II SURFACE PREPARATION	CLASS III SURFACE PREPARATION	HYDRO-DEMOLITION	LATEX MODIFIED CONCRETE-VERY EARLY STRENGTH	PLACING & FINISHING LATEX MODIFIED CONCRETE-VERY EARLY STRENGTH	GROOVING BRIDGE FLOORS	EVAZOTE JOINT SEALS	ASPHALT CONCRETE SURFACE COURSE TYPE SF 9.5A
SO.YDS.	SO.YDS.	SO.YDS.	SO.YDS.	SO.YDS.	SO.YDS.	C.Y.	SO.YDS.	SO.FT.	LUMP SUM	TONS
2021	1140	834	47	0	1187	82	1187	10682	LUMP SUM	118

• QUANTITY SHOWN IS FOR INFORMATION ONLY. • INCLUDES APPROACH MILLING.

DRAWN BY: S. T. SANDOR
CHECKED BY:
DATE: MAY/2010
DATE:



TYPICAL SECTION
(STAGE I)



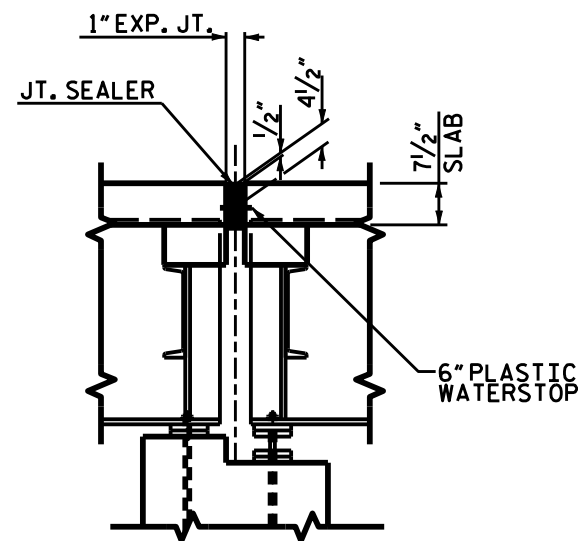
TYPICAL SECTION
(STAGE II)

PROJECT NO. BK-5101G
COUNTY: WILKES
STATION:
BRIDGE NO. 23

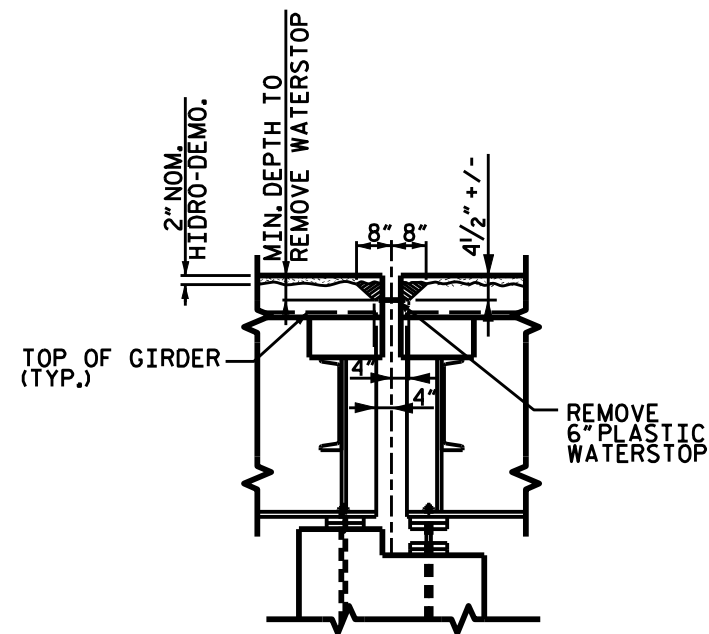
STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
DIVISION
SUPERSTRUCTURE
TYPICAL SECTION

DRAWN BY : S. T. SANDOR DATE : 03/2010
CHECKED BY :

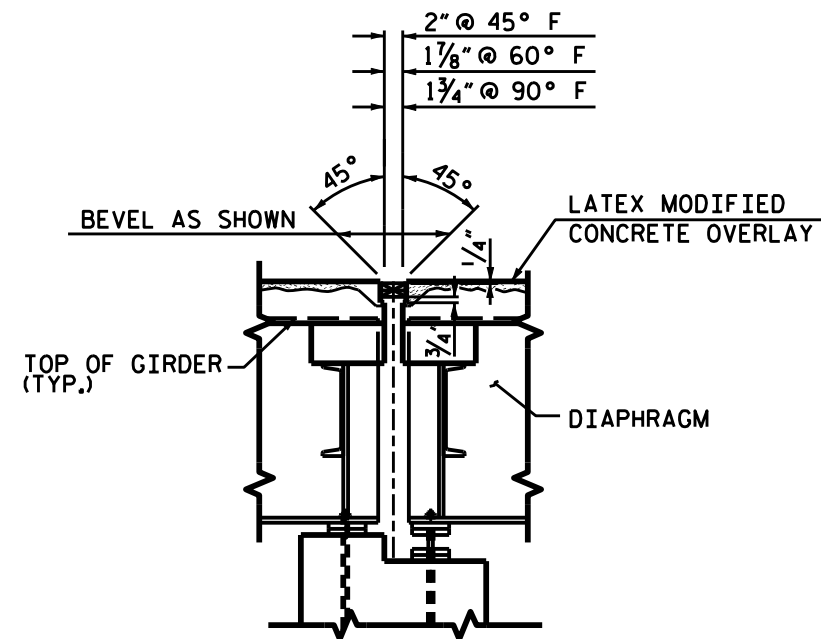
REVISIONS						SHEET NO.
NO.	BY	DATE	NO.	BY	DATE	
1			2			S-2
2			3			



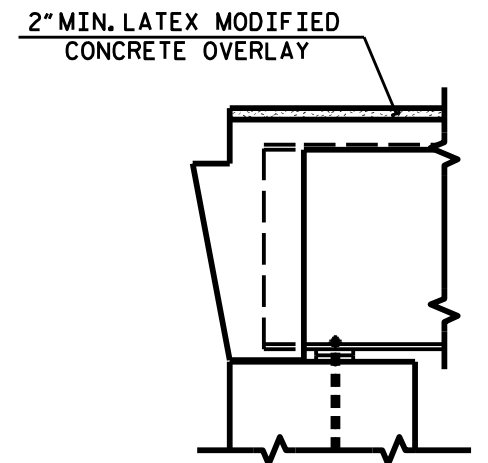
SECTION B-B
(EXISTING JOINT)



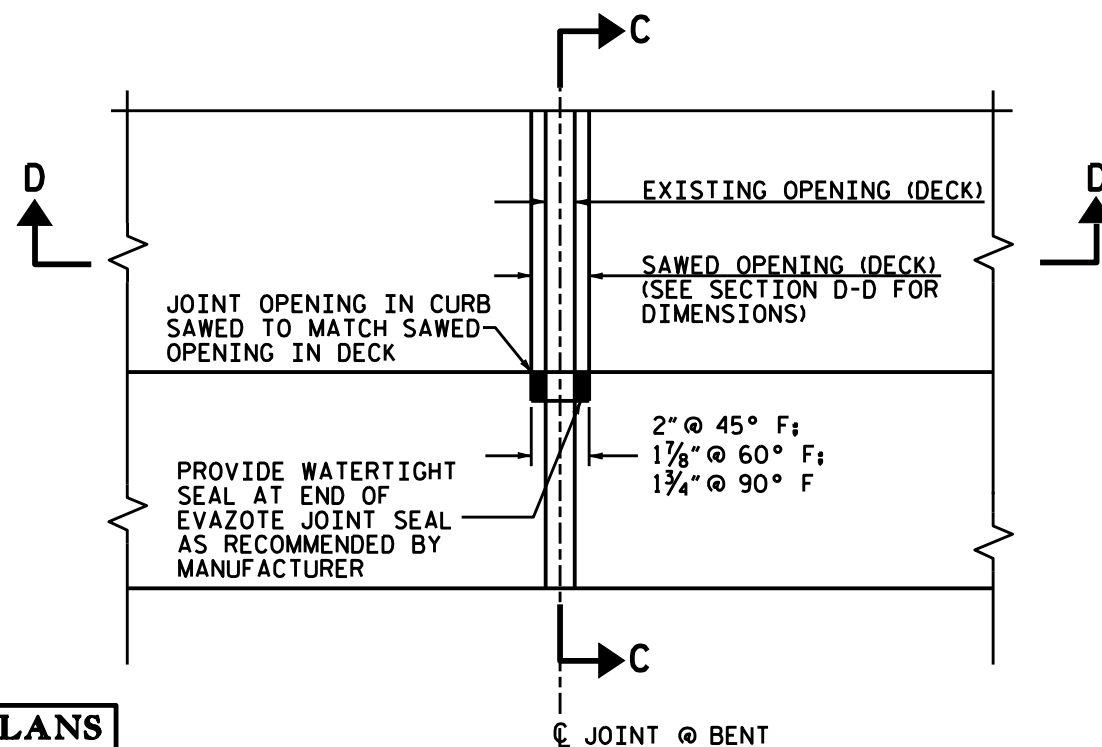
SECTION B-B
(MINIMUM EXISTING
JOINT DEMOLITION)



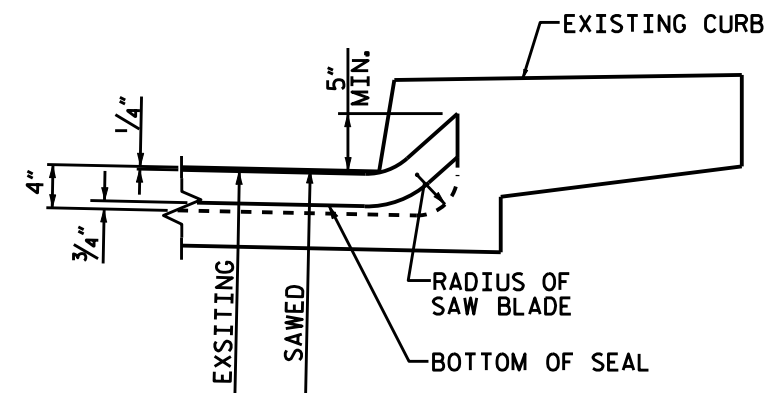
SECTION B-B
(PROPOSED EVAZOTE
JOINT SEAL EXPANSION)



SECTION A-A
(PROPOSED JOINT REPLACEMENT
DETAIL END BENTS #1 & #2)



PLAN



SECTION C-C

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

DRAWN BY : S. T. SANDOR DATE : 03/2010
CHECKED BY : DATE :

PROJECT NO. BK-5101G
COUNTY: WILKES
STATION:
BRIDGE NO. 23

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

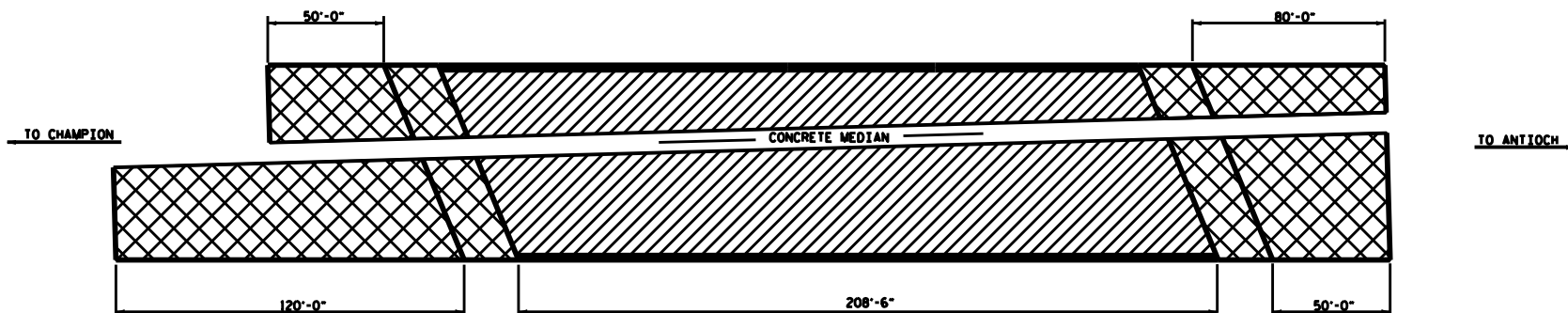
JOINT DETAIL

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

*****SYTIME*****

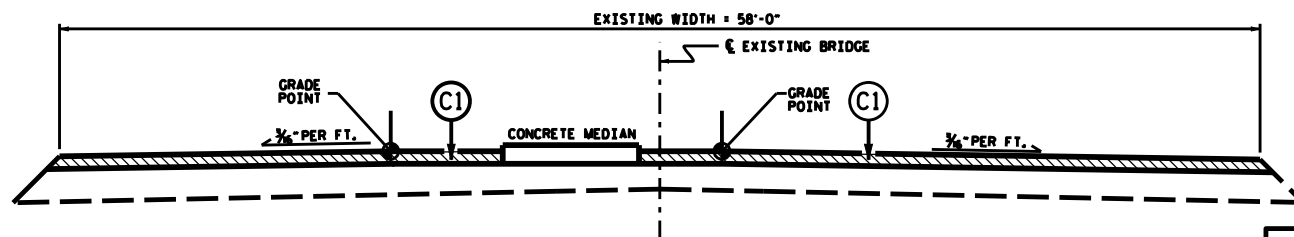
*****USERNAME*****

*****DGN*****



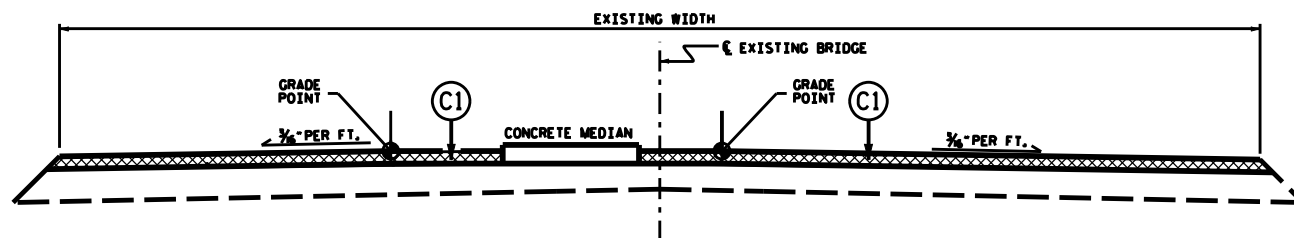
PLAN

- DECK SCARIFICATION AND HYDRODEMOLITION
- ASPHALT MILLING



TYPICAL ROADWAY SECTION

C1 PROPOSED VARIABLE 2" MIN. ASPHALT CONCRETE SURFACE COURSE, TYPE SF 9.5A, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD. PER 1" DEPTH, TO BE PLACED IN LAYERS NOT LESS THAN 1" IN DEPTH OR GREATER THAN 1 1/2" IN DEPTH.



TYPICAL ROADWAY MILLING SECTION
(MILL TO 2" DEPTH)

PROJECT NO. BK-5101G
COUNTY: WILKES
STATION:
BRIDGE NO. 23

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RAILROAD
SUPERSTRUCTURE
TYPICAL RDWY. SECTION
OF BRIDGE #23
58'-0" CLEAR ROADWAY (22°-23' SKEW)

REVISIONS						SHEET NO.
NO.	BY	DATE	NO.	BY	DATE	
1			2			S-4
3			4			

DRAWN BY: S. T. SANDOR DATE: 03/2010
CHECKED BY: DATE:

4/8/2010
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gkarageorge

TIP PROJECT: BK-5101G

WBS 42579.3.7

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

**PLAN FOR PROPOSED
TRAFFIC CONTROL
WILKES COUNTY**

LOCATION: BRIDGE NO. 23 - S. CHERRY ST. (NC 1618) OVER US 421.

TYPE OF WORK: TRAFFIC CONTROL FOR BRIDGE DECK PRESERVATION

STATE PROJECT REFERENCE NO.

BK-5101G

SHEET NO.

TCP-1

LEGEND

GENERAL

- ← DIRECTION OF TRAFFIC FLOW
→ NORTH ARROW
■ WORK AREA
▨ REMOVAL OF EXISTING PAVEMENT
— PROPOSED PAVEMENT
- - - EXISTING PAVEMENT

TRAFFIC CONTROL DEVICES

- ▨ TYPE III BARRICADE
▲ CONE
● DRUM ● SKINNY DRUM
→ FLASHING ARROW PANEL (TYPE C)
T STATIONARY SIGN
K PORTABLE SIGN
p STATIONARY OR PORTABLE SIGN
— PORTABLE CONCRETE BARRIER
~ TEMPORARY CRASH CUSHION
◀ CHANGEABLE MESSAGE SIGN
▨ TRUCK MOUNTED IMPACT ATTENUATOR (TMIA)
▨ LAW ENFORCEMENT
■ FLAGGER

ROADWAY STANDARD DRAWINGS

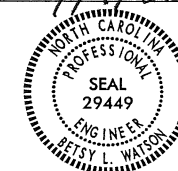
THE FOLLOWING ROADWAY STANDARDS AS APPEAR IN "ROADWAY STANDARD DRAWINGS" - PROJECT SERVICES UNIT - N.C. DEPARTMENT OF TRANSPORTATION - RALEIGH, N.C., DATED JULY 2006 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

STD. NO.	TITLE
1101.02	TEMPORARY LANE CLOSURES
1101.11	TRAFFIC CONTROL DESIGN TABLES
1110.01	STATIONARY WORK ZONE SIGNS
1110.02	PORTABLE WORK ZONE SIGNS
1115.01	FLASHING ARROW PANELS
1130.01	DRUMS
1145.01	BARRICADES
1165.01	TRUCK MOUNTED IMPACT ATTENUATOR
1205.01	PAVEMENT MARKINGS - LINE TYPES & OFFSETS
1205.02	PAVEMENT MARKINGS - 2 LANE & MULTILANE ROADWAYS

INDEX OF SHEETS

SHEET NO.	TITLE
TCP-1	LIST OF APPLICABLE ROADWAY STANDARD DRAWINGS, LEGEND, AND INDEX OF SHEETS
TCP-2	GENERAL NOTES
TCP-3	VICINITY MAP AND PROJECT PHASING
TCP 4-4A	PHASE I - CHERRY ST. NBL DECK PRESERVATION
TCP 5	PHASE I - CHERRY ST. NBL DETOUR ROUTE
TCP 6-6A	PHASE II - CHERRY ST. SBL DECK PRESERVATION
TCP-7	PHASE II - CHERRY ST. SBL DETOUR ROUTE

APPROVED: *Betsy L. Watson*
DATE: 4/9/2010



PLAN PREPARED BY:



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

BETSY L. WATSON, PE

TRAFFIC CONTROL ENGINEER

GEORGE KARAGEORGE

TRAFFIC CONTROL DESIGNER

GENERAL NOTES

PROJECT REFERENCE NO.	SHEET NO.
BK-5101G	TCP-2

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.

LANE CLOSURE TIME RESTRICTIONS

A) EXCEPT WHEN ROAD CLOSURES ARE SPECIFIED IN THE TRAFFIC CONTROL PLAN PHASING, DO NOT CLOSE OR NARROW TRAVEL LANES AS FOLLOWS:

ROAD NAME	DAY AND TIME RESTRICTIONS
ALL ROADS	6:00 A.M.-9:00 A.M. MONDAY THRU FRIDAY 4:00 P.M.-6:00 P.M. MONDAY THRU FRIDAY

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

ROAD NAME
ALL ROADS

HOLIDAY

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

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

LANE AND SHOULDER CLOSURE REQUIREMENTS

- C) 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.
- D) 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.
- E) 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.

- F) 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.
- G) DO NOT WORK SIMULTANEOUSLY WITHIN 15 FT ON BOTH SIDES OF AN OPEN TRAVELWAY, RAMP, OR LOOP WITHIN THE SAME LOCATION UNLESS PROTECTED WITH GUARDRAIL OR BARRIER.

TRAFFIC PATTERN ALTERATIONS

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

SIGNING

- I) INSTALL WORK ZONE ADVANCE 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.
- J) PROVIDE SIGNING AND DEVICES REQUIRED TO CLOSE THE ROAD ACCORDING TO THE TRAFFIC CONTROL PLAN.
- K) PROVIDE SIGNING REQUIRED FOR THE OFFSITE DETOUR ROUTE AS SHOWN IN THE TRAFFIC CONTROL PLANS.
- L) COVER OR REMOVE ALL SIGNS AND DEVICES REQUIRED TO CLOSE THE ROAD WHEN ROAD CLOSURE IS NOT IN OPERATION.
- M) COVER OR REMOVE ALL SIGNS REQUIRED FOR THE OFFSITE DETOUR WHEN THE DETOUR IS NOT IN OPERATION.
- N) ENSURE ALL NECESSARY SIGNING IS IN PLACE PRIOR TO ALTERING ANY TRAFFIC PATTERN.

TRAFFIC CONTROL DEVICES

- O) 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 WHEN LANE CLOSURES ARE NOT IN EFFECT. WHEN SKINNY DRUMS ARE ALLOWED REFER TO SECTION 1180 OF STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES OR AS SHOWN IN THE PLANS.
- P) PLACE TYPE III BARRICADES, WITH "ROAD CLOSED" SIGN R11-2 ATTACHED, OF SUFFICIENT LENGTH TO CLOSE ENTIRE ROADWAY.

PAVEMENT MARKINGS AND MARKERS


Q) INSTALL PAVEMENT MARKINGS ON THE FINAL SURFACE AS FOLLOWS:

ROAD NAME	MARKING	MARKER
NC 16/18 CHERRY ST.	POLYUREA	NONE

MISCELLANEOUS

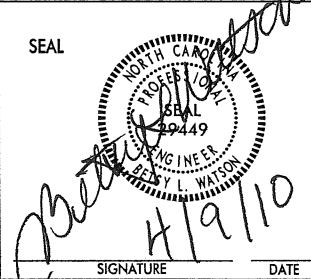
- R) ALL DIMENSIONS AND STATIONS IN THE TRAFFIC CONTROL PLAN AND PHASING ARE APPROXIMATE (+/-); FIELD ADJUST AS NECESSARY OR AS DIRECTED BY THE ENGINEER.
- S) THE CONTRACTOR IS TO FURNISH, INSTALL, MAINTAIN, RELOCATE AND REMOVE CHANGEABLE MESSAGE SIGNS DURING VARIOUS STAGES OF CONSTRUCTION AT THE DISCRETION OF THE ENGINEER TO ADEQUATELY INFORM MOTORISTS OF CHANGING WORK ZONE CONDITIONS.
- T) PLACE ALL CHANGEABLE MESSAGE SIGNS AS NEEDED IN THE LOCATIONS AND WITH THE WORD MESSAGES AS SHOWN IN THE TCP OR AS DIRECTED BY THE ENGINEER TO PROVIDE ADVANCE WARNING TO THE PUBLIC DURING CONSTRUCTION.
- U) ENSURE THE OVERSIZE/OVERWEIGHT PERMIT UNIT (919) 733-4740 HAS BEEN ADVISED OF THE ONGOING TRAFFIC OPERATIONS THROUGH THE DIVISION OFFICE.
- V) LAW ENFORCEMENT MAY BE USED TO MAINTAIN TRAFFIC THROUGH THE WORK AREA AND/OR INTERSECTIONS AS DIRECTED BY THE ENGINEER.

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SEAL



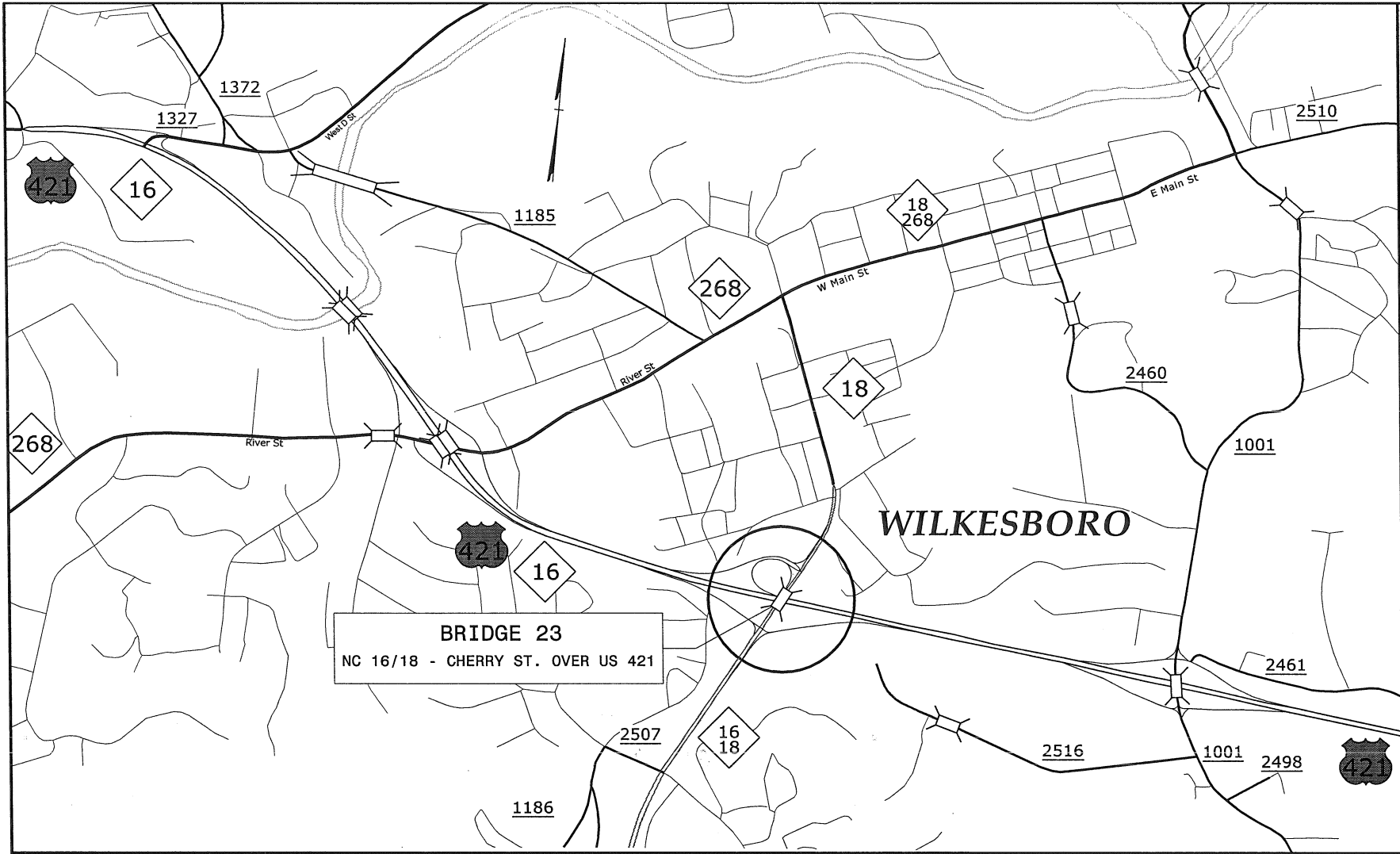
SIGNATURE DATE

GENERAL NOTES

SCALE: NONE		REVISIONS
DATE: APRIL 2010		
DWG. BY: GK		
DESIGN BY: GK		
REVIEWED BY: BLW		

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PROJECT REFERENCE NO.	SHEET NO.
BK-5101G	TCP-3

TRAFFIC CONTROL PHASING

PHASE I - BRIDGE #23 DECK PRESERVATION FOR NORTHBOUND DIRECTION

INTERMEDIATE CONTRACT TIME
COMPLETE PHASE I- STEPS 1-3 IN A PERIOD OF SEVEN CONSECUTIVE CALENDAR DAYS

- STEP 1:
INSTALL LANE CLOSURE AND ROAD CLOSURE TRAFFIC CONTROL DEVICES AND CLOSE THE EXISTING NORTHBOUND DIRECTION OF CHERRY ST. (NC 16/18) AS SHOWN ON SHEETS TCP-4, 4A. TRAFFIC IS DETOURED AS SHOWN ON SHEET TCP-5.
- STEP 2:
PERFORM BRIDGE DECK PRESERVATION FOR NORTHBOUND SIDE OF BRIDGE.
- UPON COMPLETION OF DECK WORK REPLACE EXISTING PAVEMENT MARKINGS WITH POLYUREA MARKINGS.
- STEP 3:
REMOVE ROAD CLOSURE AND LANE CLOSURE TRAFFIC CONTROL DEVICES AND OPEN TRAVELWAY TO THE EXISTING TRAFFIC PATTERN.

PHASE II - BRIDGE #23 DECK PRESERVATION FOR SOUTHBOUND DIRECTION

INTERMEDIATE CONTRACT TIME
COMPLETE PHASE II STEPS 1-3 IN A PERIOD OF SEVEN CONSECUTIVE CALENDAR DAYS

- STEP 1:
INSTALL LANE CLOSURE AND ROAD CLOSURE TRAFFIC CONTROL DEVICES AND CLOSE THE EXISTING SOUTHBOUND DIRECTION OF CHERRY ST. (NC 16/18) AS SHOWN ON SHEETS TCP-6, 6A. TRAFFIC IS DETOURED AS SHOWN ON SHEET TCP-7.
- STEP 2:
PERFORM BRIDGE DECK PRESERVATION FOR SOUTHBOUND SIDE OF BRIDGE.
- UPON COMPLETION OF DECK WORK REPLACE EXISTING PAVEMENT MARKINGS WITH POLYUREA MARKINGS.
- STEP 3:
REMOVE ROAD CLOSURE AND LANE CLOSURE TRAFFIC CONTROL DEVICES AND OPEN TRAVELWAY TO THE EXISTING TRAFFIC PATTERN.
- STEP 4:
UPON COMPLETION OF THE PROJECT, REMOVE ALL TRAFFIC CONTROL DEVICES.

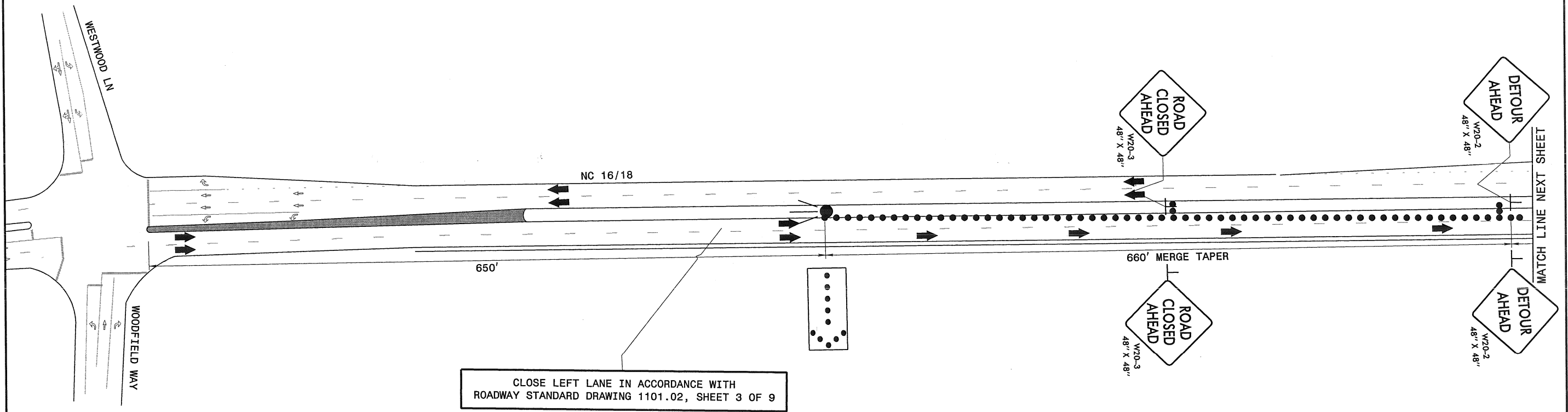
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Raleigh, NC 27606
Tel. (919) 851-6866
Fax. (919) 851-7024
www.stantec.com
License No. F-0672

SEAL

SIGNATURE DATE

WILKES COUNTY VICINITY MAP
TRAFFIC CONTROL PHASING

SCALE: NONE		REVISIONS
DATE: APRIL 2010		
DWG. BY: GK		
DESIGN BY: GK		
REVIEWED BY: BLW	CARD FILE	

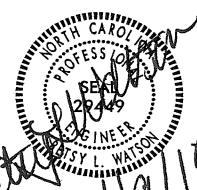


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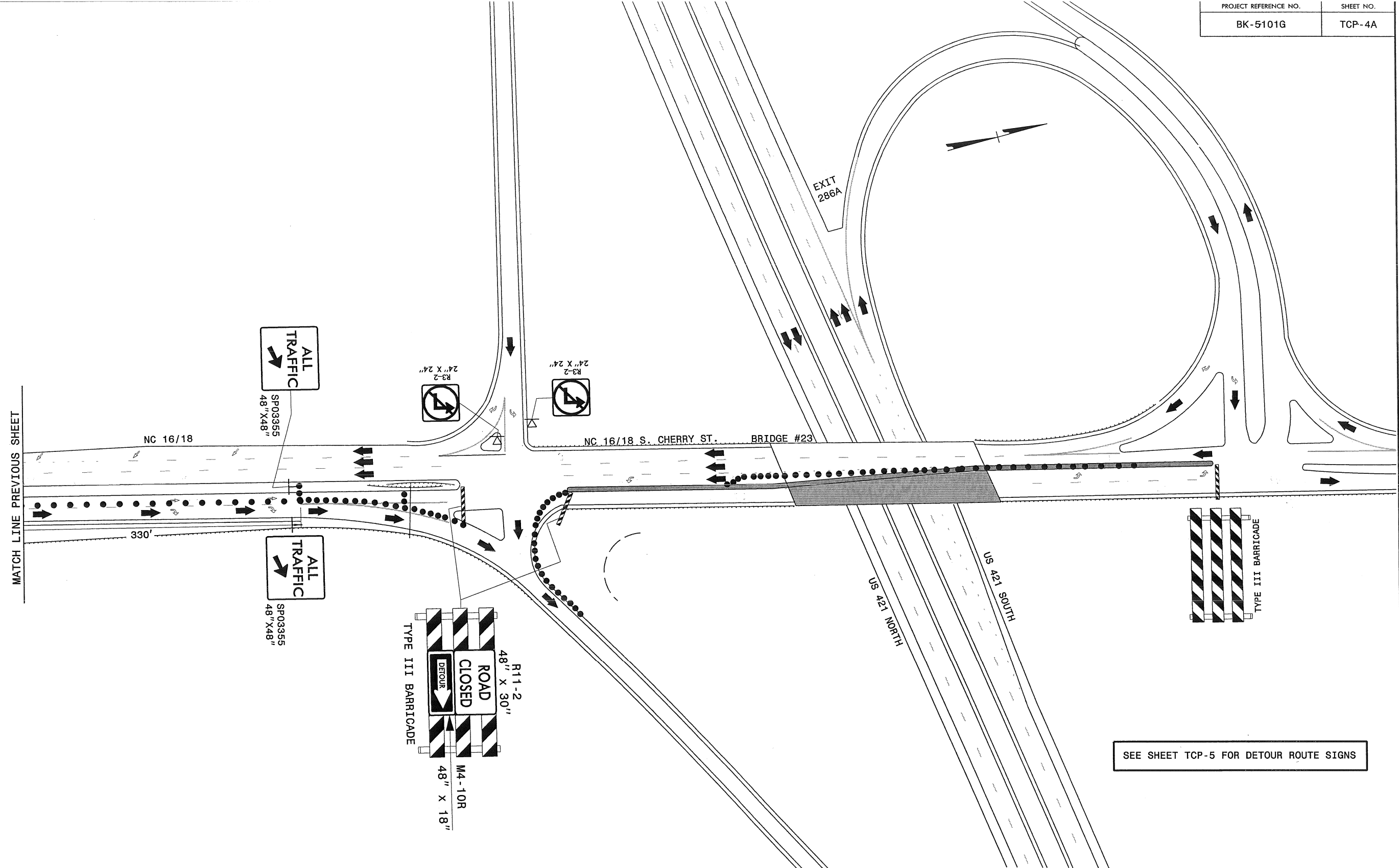
SEAL



Robert L. Watson
 4/9/10
 SIGNATURE DATE

**PHASE I
 BRIDGE 23 DECK PRESERVATION
 NORTHBOUND**

SCALE: NONE		<table border="1"> <tr> <th colspan="2">REVISIONS</th> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </table>	REVISIONS							
REVISIONS										
DATE: APRIL 2010										
DWG. BY: GK										
DESIGN BY: GK										
REVIEWED BY: BLW	CADD FILE									



SEE SHEET TCP-5 FOR DETOUR ROUTE SIGNS

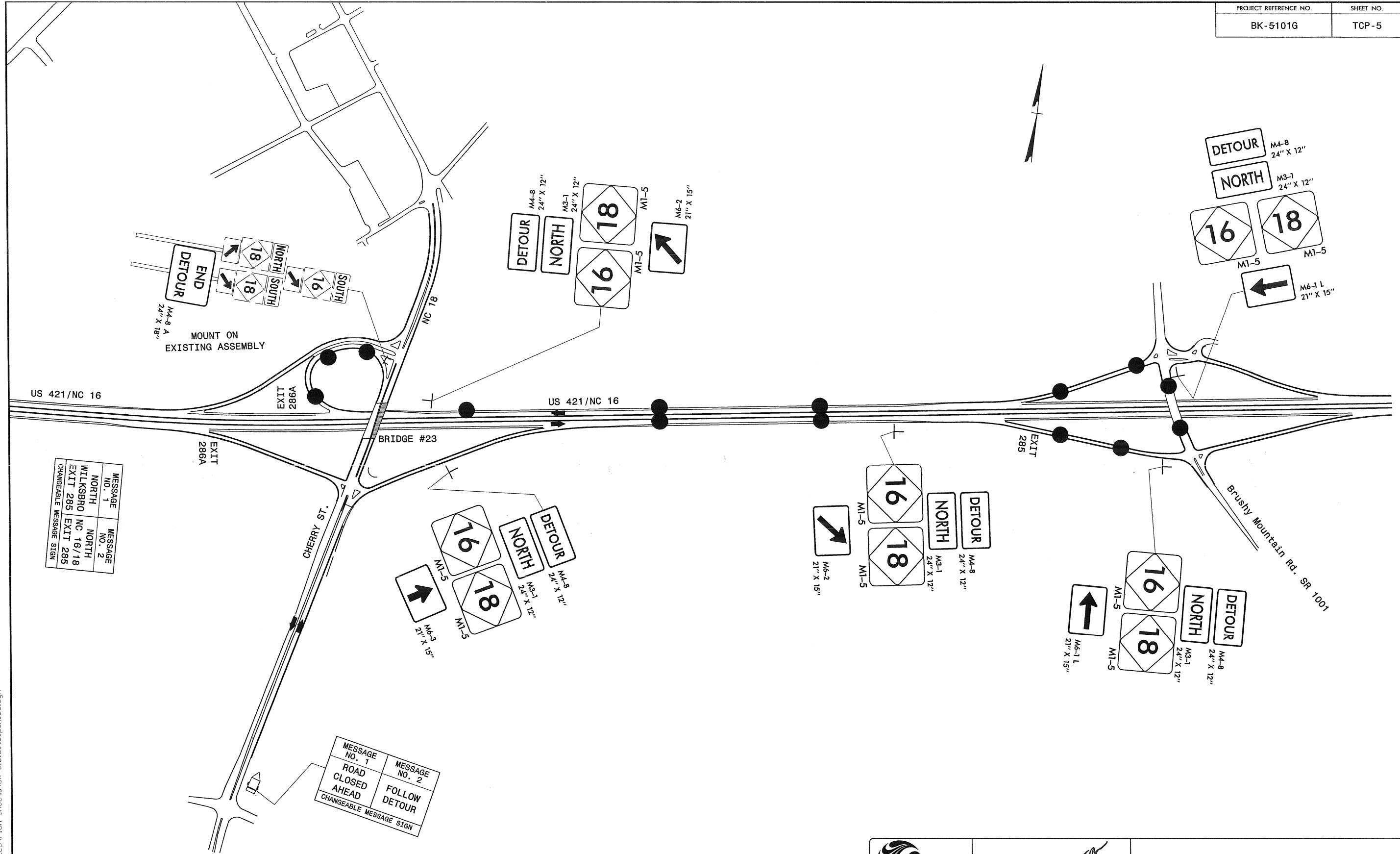
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glsrgeorge

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SEAL
NORTH CAROLINA
PROFESSIONAL
ENGINEER
23249
COURTESY L. WATSON
4/9/10
SIGNATURE
DATE

**PHASE I
BRIDGE 23 DECK PRESERVATION
NORTHBOUND**

SCALE: NONE		REVISIONS
DATE: APRIL 2010		
DWG. BY: GK		
DESIGN BY: GK		
REVIEWED BY: BLW	CADD FILE	




MESSAGE NO. 1	MESSAGE NO. 2
NORTH	NORTH
WILKSBR	NC 16/18
EXIT 285	EXIT 285
CHANGEABLE MESSAGE SIGN	

MESSAGE NO. 1	MESSAGE NO. 2
ROAD CLOSED AHEAD	FOLLOW DETOUR
CHANGEABLE MESSAGE SIGN	



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SEAL




Gregory L. Watson
4/19/10

SIGNATURE DATE

**PHASE I
BRIDGE 23 DECK PRESERVATION
DETOUR ROUTE**

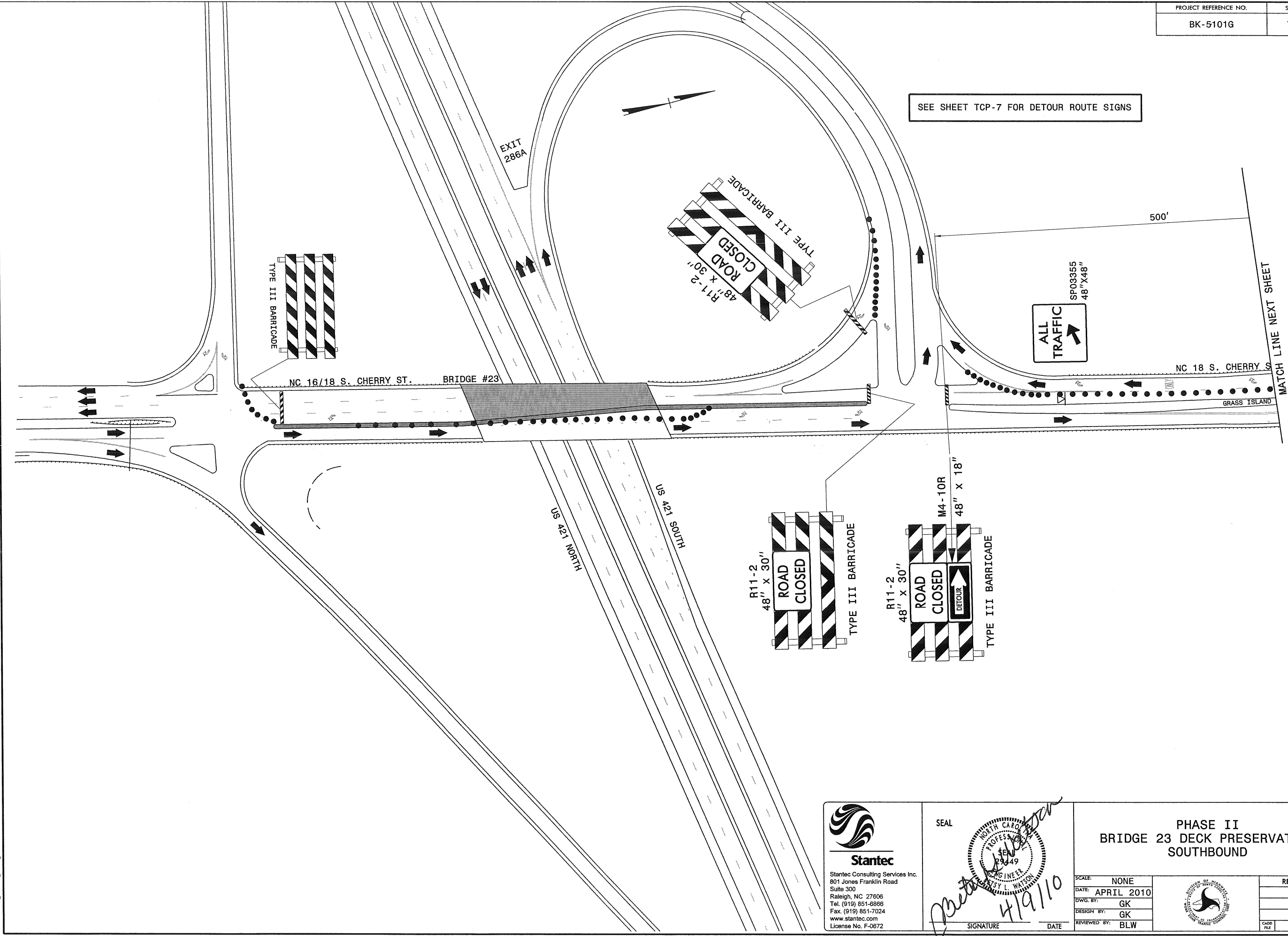
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DATE: APRIL 2010
DWG. BY: GK
DESIGN BY: GK
REVIEWED BY: BLW




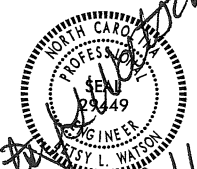

REVISIONS

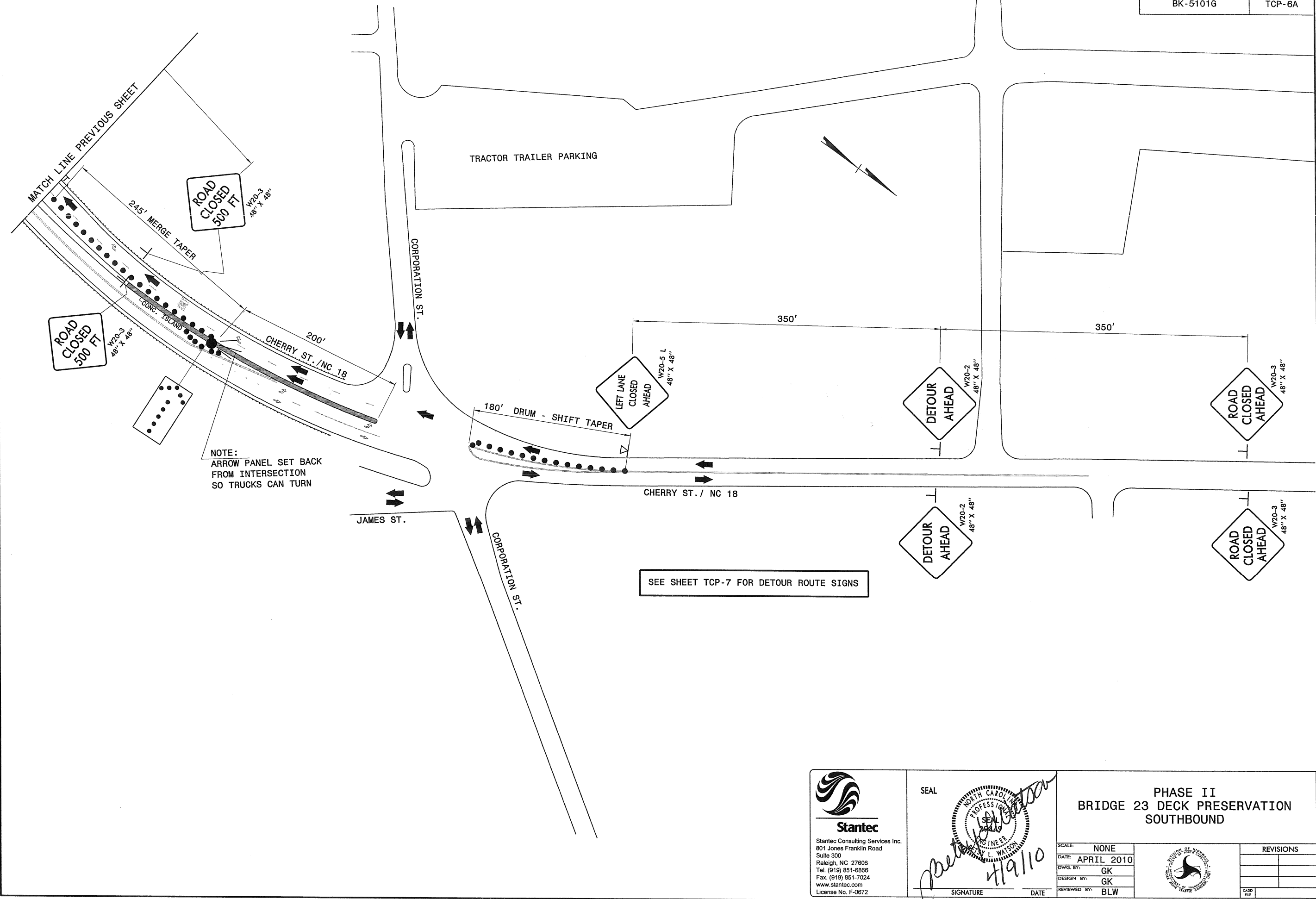
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4/8/2010
garageorge



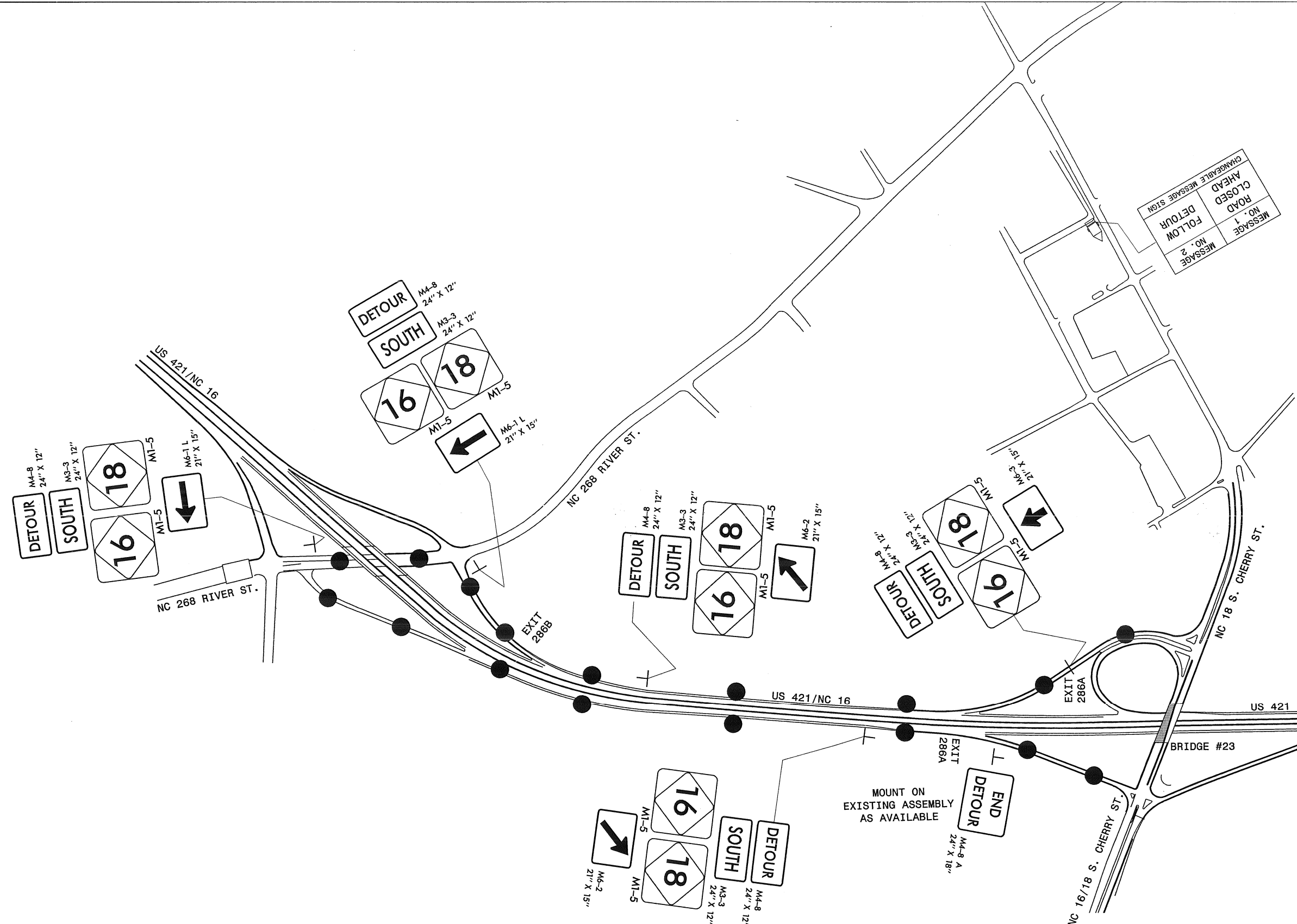
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 4/8/2010
 ggarageorge

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SCALE:	NONE													
DATE:	APRIL 2010													
DWG. BY:	GK													
DESIGN BY:	GK													
REVIEWED BY:	BLW	CADD FILE												



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 gkarsg@orange

 Stantec 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	SEAL L. WATSON PROFESSIONAL ENGINEER NORTH CAROLINA 49110	PHASE II BRIDGE 23 DECK PRESERVATION SOUTHBOUND									
		SCALE: NONE									
		DATE: APRIL 2010									
		DWG. BY: GK									
		DESIGN BY: GK									
REVIEWED BY: BLW	<table border="1"> <tr> <th colspan="2">REVISIONS</th> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </table>	REVISIONS									
REVISIONS											



MESSAGE NO. 1
ROAD CLOSED AHEAD
MESSAGE NO. 2
FOLLOW DETOUR
CHANGEABLE MESSAGE SIGN

MESSAGE NO. 1
SOUTH
NC 16/18
EX 286B
CHANGEABLE MESSAGE SIGN

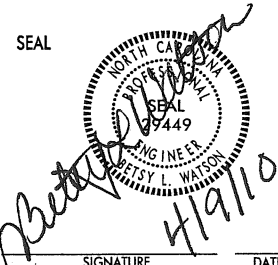
MESSAGE NO. 2
TLRSVILLE
LENOIR
EX 286B
CHANGEABLE MESSAGE SIGN

MOUNT ON
EXISTING ASSEMBLY
AS AVAILABLE


END
DETOUR

4/8/2010 1:50:00 PM J:\Projects\23\TCP\Plan Sheets\BK-5101G.tc_psh_07.dgn
g:\aragor\ge


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DATE

**PHASE II
BRIDGE 23 DECK PRESERVATION
DETOUR ROUTE**

SCALE: NONE		REVISIONS
DATE: APRIL 2010		
DWG. BY: GK		
DESIGN BY: GK		
REVIEWED BY: BLW	CADD FILE	