

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U. S. Department of Labor
200 Constitution Avenue, N.W.
Washington, D.C. 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, D.C. 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U. S. Department of Labor
200 Constitution Avenue, N.W.
Washington, D.C. 20210

4.) All decisions by the Administrative Review Board are final.

END OF GENERAL DECISION

BK-5101D

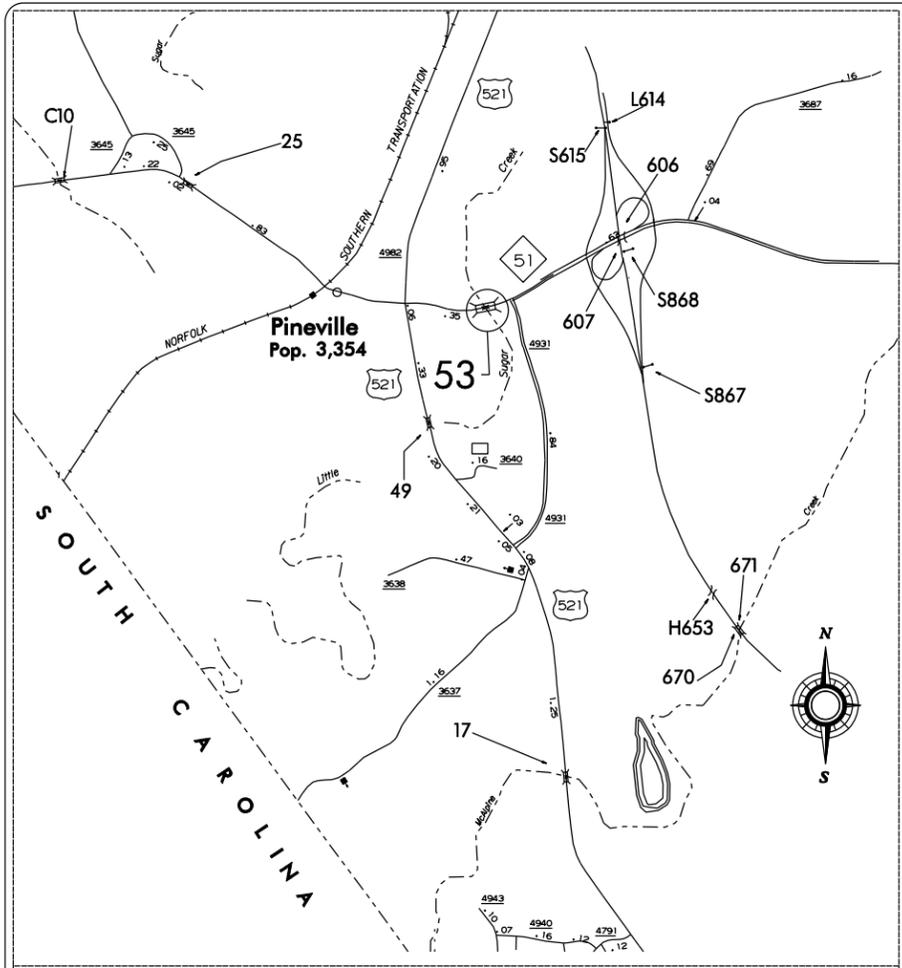
CONTRACT # D000049

| STATE | STATE PROJECT REFERENCE NO. | SHEET NO. | TOTAL SHEETS |
|-----------------|-----------------------------|-------------|--------------|
| N.C. | 42579.1.1 | 1 | |
| STATE PROJ. NO. | F.A. PROJ. NO. | DESCRIPTION | |
| 42579.1.1 | BRSTP-0051 (29) | P.E. | |
| 42579.3.4 | BRSTP-0051 (29) | CONST | |
| | | | |
| | | | |

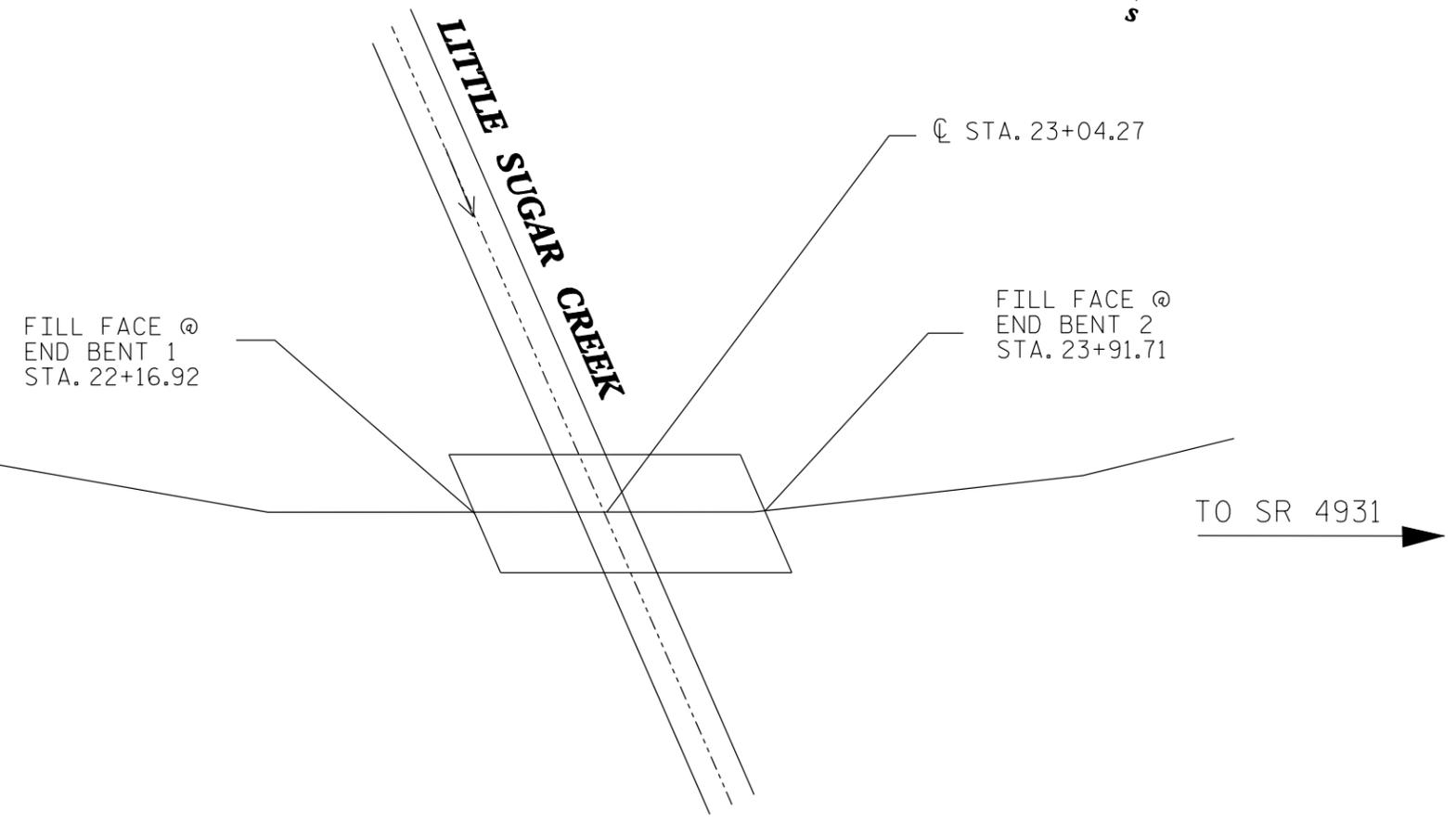
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

MECKLENBURG COUNTY

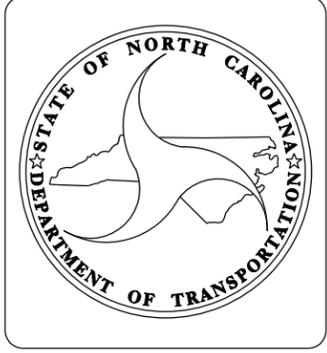
LOCATION: BRIDGE #53, NC 51, BRIDGE RD. OVER LITTLE SUGAR CREEK
TYPE OF WORK: BRIDGE DECK REHABILITATION WITH LATEX MODIFIED CONCRETE, PAVEMENT MARKING



VICINITY MAP



| INDEX OF SHEETS | |
|-----------------|-----------------------|
| 1 | TITLE SHEET |
| S1 - S4 | STRUCTURE PLANS |
| TCP1 - TCP7 | TRAFFIC CONTROL PLANS |



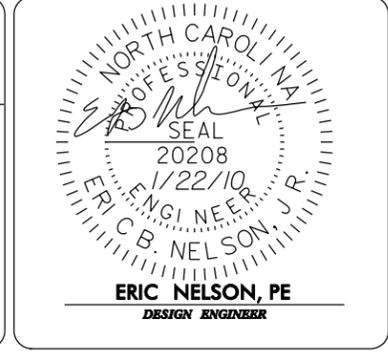
DESIGN DATA
ADT 2008 = 23000

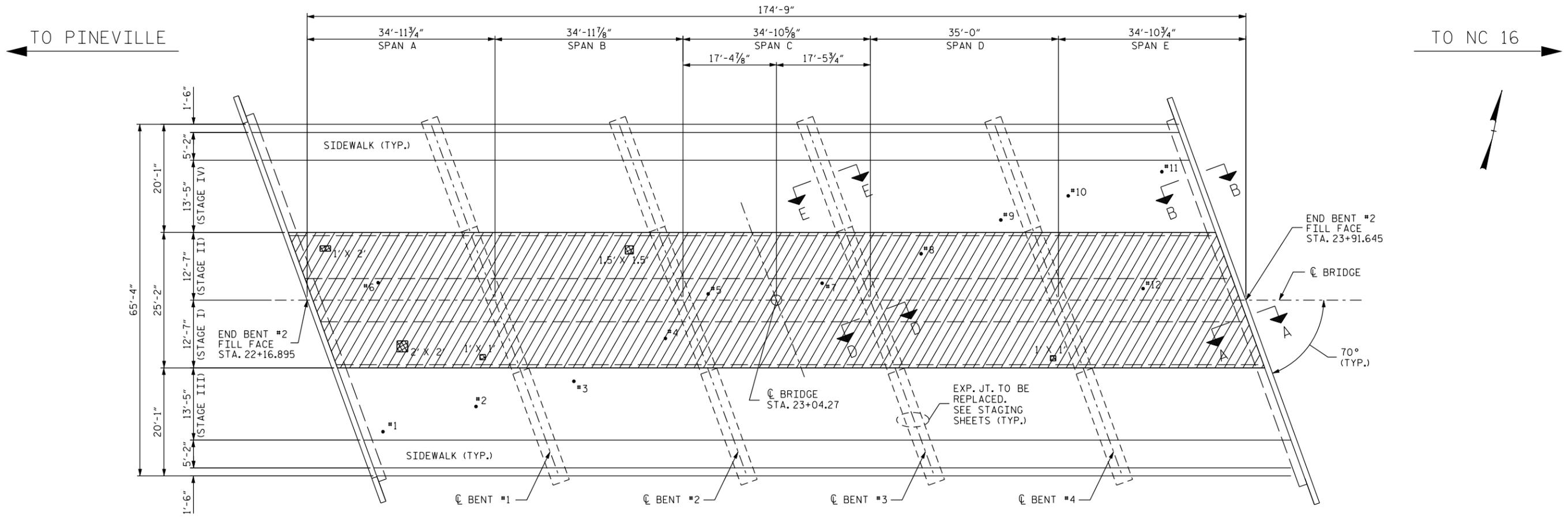
PROJECT LENGTH
LENGTH STRUCTURE PROJECT = .033 MILE

Prepared in the Office of:
DIVISION OF BRIDGE MANAGEMENT
2006 STANDARD SPECIFICATIONS

LETTING DATE:
MARCH 16, 2010

DAN HOLDERMAN, PE
PROJECT ENGINEER





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

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.

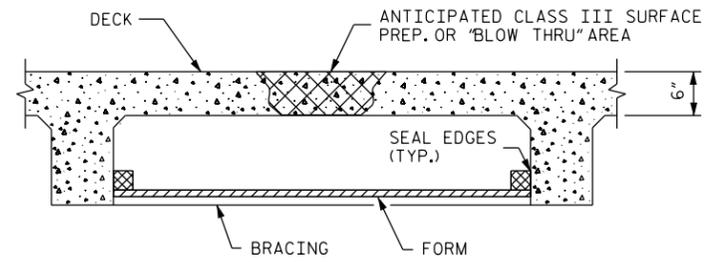
FOR HYDRO-DEMOLITION, SEE SPECIAL PROVISIONS .

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

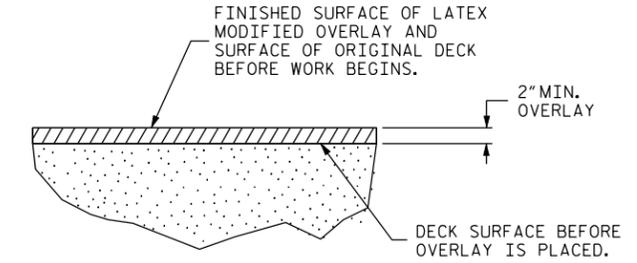


TYP. "BLOW THRU" CONTAINMENT AND FORMWORK

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

PROJECT NO. BK-5101 D

COUNTY: MECKLENBURG

STATION: N/A

DECK REPAIR BRIDGE NO. 53

| TOTAL BILL OF MATERIAL | | | | | | | | | |
|---------------------------|-------------------------------|--------------------------------|---------------------------------|---------------------------------|---|---|---------------------|------------------------|--|
| ** SCARIFYING BRIDGE DECK | * CLASS I SURFACE PREPARATION | * CLASS II SURFACE PREPARATION | * CLASS III SURFACE PREPARATION | HYDRO-DEMOLITION OF BRIDGE DECK | LATEX MODIFIED CONCRETE VERY EARLY STRENGTH | PLACING & FINISHING LATEX MODIFIED CONCRETE VERY EARLY STRENGTH | EVAZOTE JOINT SEALS | GROOVING BRIDGE FLOORS | ASPHALT CONCRETE SURFACE COURSE TYPE SF 9.5A |
| SO.YDS. | SO.YDS. | SO.YDS. | SO.YDS. | SO.YDS. | C.Y. | SO.YDS. | LUMP SUM | SQ.FT. | TONS |
| 811 | 0 | 479 | 10 | 489 | 40 | 489 | LUMP SUM | 4398 | 35 |

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

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

PLAN VIEW OF BRIDGE
#53 ON NC 51 OVER
LITTLE SUGAR CREEK
52' CLEAR ROADWAY-70° SKEW

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

DRAWN BY: CLB DATE: 11/09
CHECKED BY: AGA DATE: 11/09

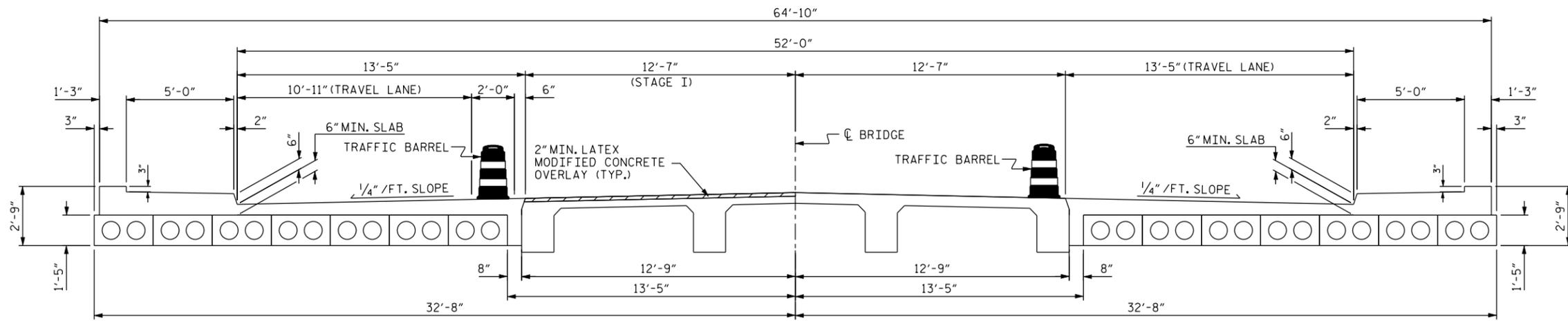
NOTES

FOR EVAZOTE JOINT SEAL, SEE SPECIAL PROVISIONS.

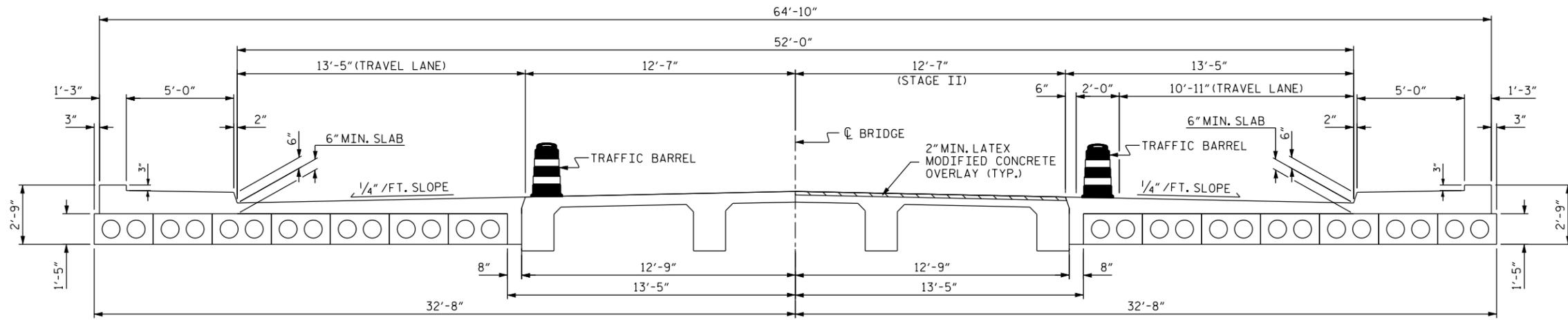
THE INSTALLED EVAZOTE JOINT SEALS SHALL BE WATERTIGHT.

NOMINAL UNCOMPRESSED SEAL WIDTH OF EVAZOTE JOINT SEAL SHALL BE 2 1/2" AT BENTS.

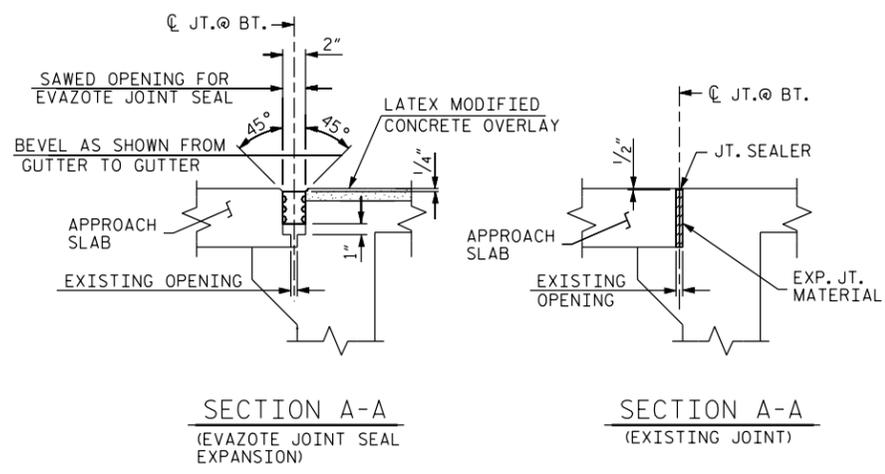
THE CONTRACTOR WILL NOT BE PERMITTED TO FORM THE JOINT FOR THE EVAZOTE JOINT SEAL IN LIEU OF SAWING THE JOINT.



TYPICAL SECTION
STAGE I

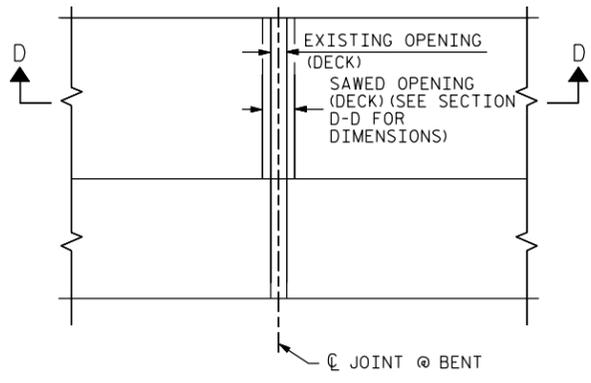


TYPICAL SECTION
STAGE II

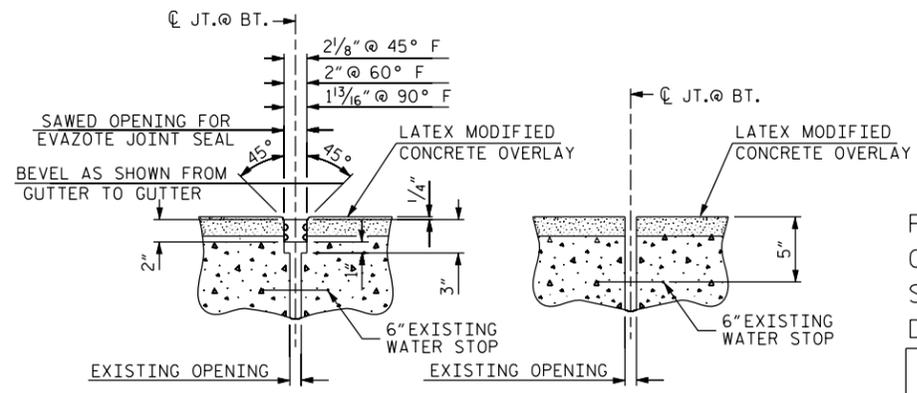


SECTION A-A
(EVAZOTE JOINT SEAL EXPANSION)

SECTION A-A
(EXISTING JOINT)



PLAN



SECTION D-D
(EVAZOTE JOINT SEAL EXPANSION)

SECTION D-D
(EXISTING JOINT)

EVAZOTE JOINT SEAL DETAILS @ BENTS
(STAGES I & II)

PROJECT NO. BK-5101 D
 COUNTY: MECKLENBURG
 STATION: N/A
 DECK REPAIR BRIDGE NO. 53

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 CONSTRUCTION STAGING
 (STAGES I & II)

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

DRAWN BY: CLB DATE: 11/09
 CHECKED BY: AGA DATE: 11/09

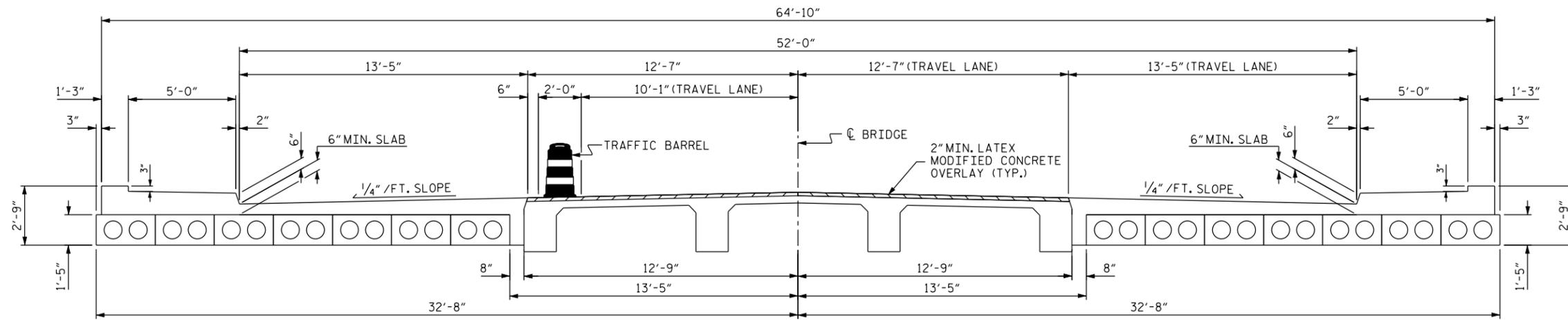
NOTES

FOR EVAZOTE JOINT SEAL, SEE SPECIAL PROVISIONS.

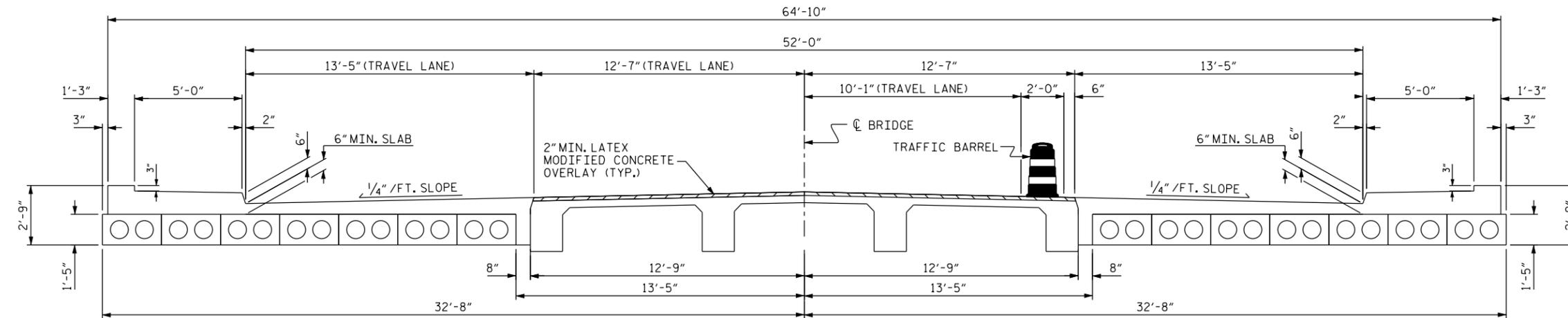
THE INSTALLED EVAZOTE JOINT SEALS SHALL BE WATERTIGHT.

NOMINAL UNCOMPRESSED SEAL WIDTH OF EVAZOTE JOINT SEAL SHALL BE 2 1/2" AT BENTS.

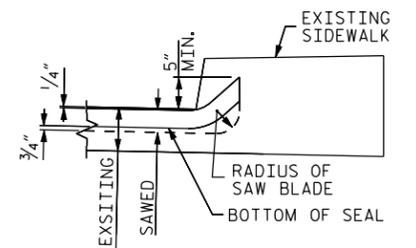
THE CONTRACTOR WILL NOT BE PERMITTED TO FORM THE JOINT FOR THE EVAZOTE JOINT SEAL IN LIEU OF SAWING THE JOINT.



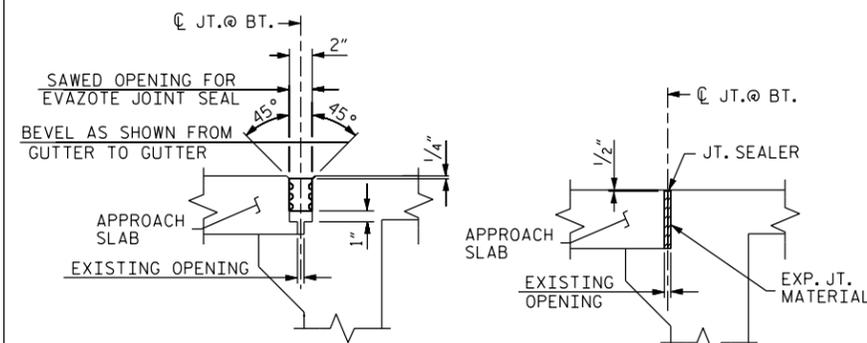
TYPICAL SECTION
STAGE III (JOINT REPAIR)



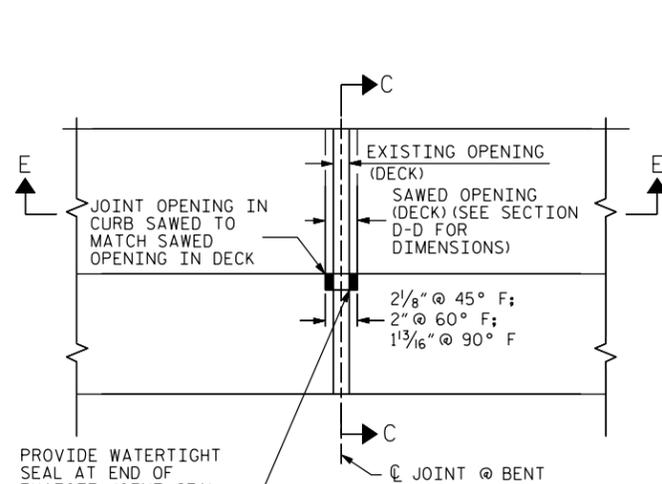
TYPICAL SECTION
STAGE IV (JOINT REPAIR)



SECTION C-C

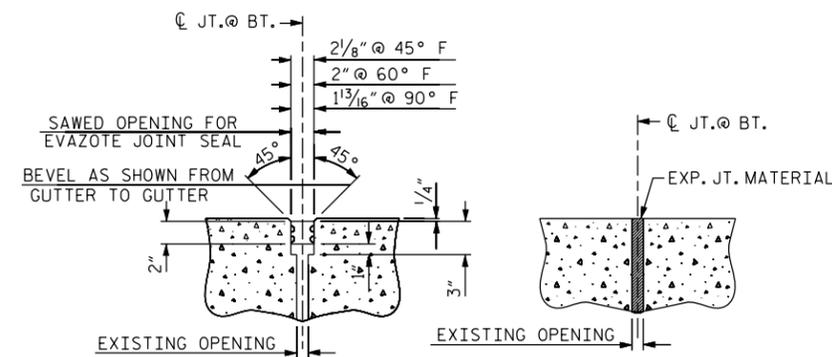


EVAZOTE JOINT SEAL DETAILS @ END BENTS
(STAGES III & IV)



PROVIDE WATERTIGHT SEAL AT END OF EVAZOTE JOINT SEAL AS RECOMMENDED BY MANUFACTURER

PLAN



EVAZOTE JOINT SEAL DETAILS @ BENTS
(STAGES III & IV)

PROJECT NO. BK-5101 D
COUNTY: MECKLENBURG
STATION: N/A
DECK REPAIR BRIDGE NO. 53

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

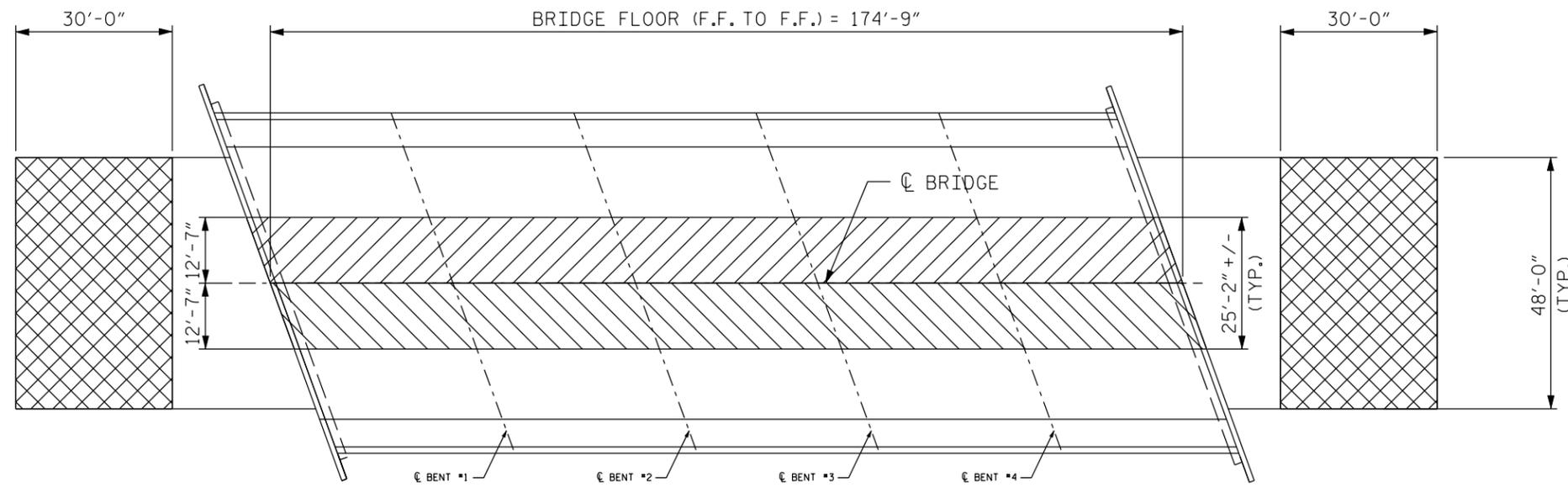
CONSTRUCTION STAGING
(STAGES III & IV)

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

DRAWN BY: CLB DATE: 11/09
CHECKED BY: AGA DATE: 11/09

← TO PINEVILLE

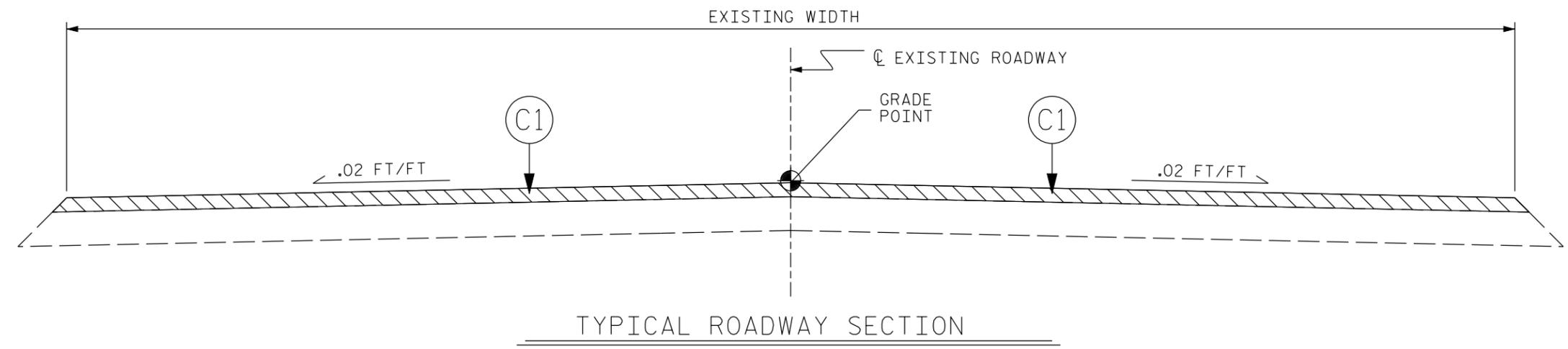
TO NC 16 →



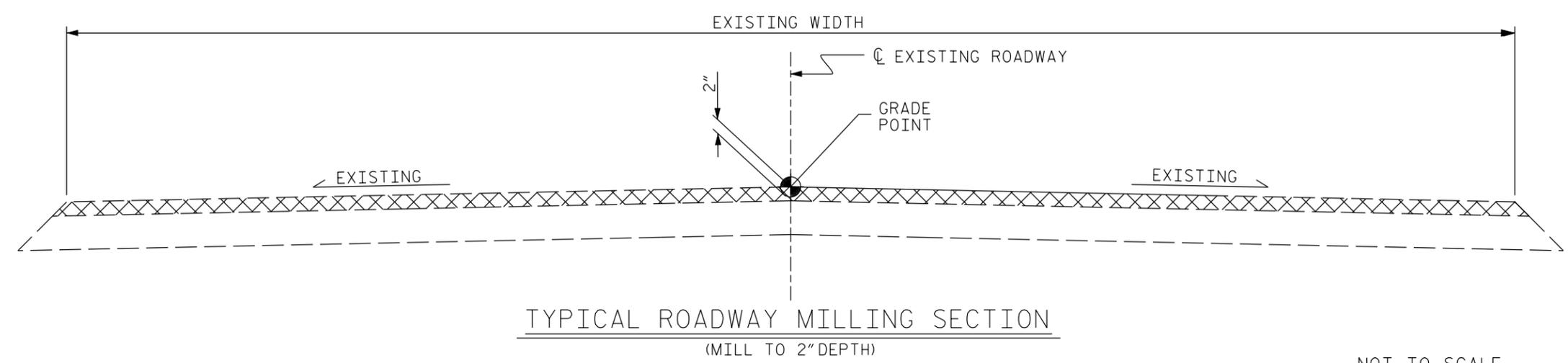
-  DECK SCARICATION & HYDRODEMOLITION (STAGE I)
-  DECK SCARICATION & HYDRODEMOLITION (STAGE II)
-  ASPHALT MILLING & RESURFACING

PLAN

C1 PROPOSED VARIABLE DEPTH 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 SECTION



TYPICAL ROADWAY MILLING SECTION
(MILL TO 2" DEPTH)

NOT TO SCALE

PROJECT NO. BK-5101 D
 COUNTY: MECKLENBURG
 STATION: N/A
 DECK REPAIR BRIDGE NO. 53

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 ROADWAY TYPICAL
 SECTION & MILLING
 DETAILS

DRAWN BY: CLB DATE: 11/09
 CHECKED BY: AGA DATE: 11/09

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

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

**PLAN FOR PROPOSED
TRAFFIC CONTROL**

MECKLENBURG COUNTY

LOCATION: BRIDGE #53, NC 51 OVER LITTLE SUGAR CREEK

TYPE OF WORK: TRAFFIC CONTROL FOR BRIDGE PRESERVATION

WBS 42579.3.4

TIP PROJECT: BK-5101D

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 |
| 1101.04 | TEMPORARY SHOULDER CLOSURES |
| 1101.11 | TRAFFIC CONTROL DESIGN TABLES |
| 1110.02 | PORTABLE WORK ZONE SIGNS |
| 1115.01 | FLASHING ARROW PANELS |
| 1130.01 | DRUMS |
| 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 | PROJECT PHASING |
| TCP-4 | PHASE I - STAGE I BRIDGE WORK |
| TCP-5 | PHASE II - STAGE II BRIDGE WORK |
| TCP-6 | PHASE III - STAGE III BRIDGE WORK |
| TCP-7 | PHASE IV - STAGE IV BRIDGE WORK |

LEGEND

GENERAL

- DIRECTION OF TRAFFIC FLOW
- NORTH ARROW
- WORK AREA

TRAFFIC CONTROL DEVICES

- TYPE III BARRICADE
- CONE
- DRUM SKINNY DRUM
- FLASHING ARROW PANEL (TYPE C)
- STATIONARY SIGN
- PORTABLE SIGN
- STATIONARY OR PORTABLE SIGN
- PORTABLE CONCRETE BARRIER
- TEMPORARY CRASH CUSHION
- CHANGEABLE MESSAGE SIGN
- TRUCK MOUNTED IMPACT ATTENUATOR (TMIA)
- POLICE
- FLAGGER

APPROVED *Betsy L. Watson*
DATE: Jan 18, 2016



PLAN PREPARED BY:



Stantec Consulting Services Inc.
Suite 300, 801 Jones Franklin Road
Raleigh, NC
27606
Tel. 919.851.8866
Fax. 919.851.7024
www.stantec.com

BETSY L. WATSON, PE **TRAFFIC CONTROL ENGINEER**
GEORGE KARAGEORGE **TRAFFIC CONTROL DESIGNER**

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

| ROAD NAME | DAY AND TIME RESTRICTIONS |
|-----------|---------------------------------|
| ALL ROADS | 6:00 A.M. - 7:00 P.M. EVERY DAY |

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

ROAD NAME
ALL ROADS

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 7:00 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 7:00 A.M. THE FOLLOWING TUESDAY.
- 3) FOR EASTER, BETWEEN THE HOURS OF 7:00 P.M. THURSDAY AND 6:00 A.M. MONDAY.
- 4) FOR MEMORIAL DAY, BETWEEN THE HOURS OF 7:00 P.M. FRIDAY TO 6:00 A.M. TUESDAY.
- 5) FOR INDEPENDENCE DAY, BETWEEN THE HOURS OF 7:00 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 7:00 P.M. THE THURSDAY BEFORE INDEPENDENCE DAY AND 6:00 A.M. THE TUESDAY AFTER INDEPENDENCE DAY.
- 6) FOR LABOR DAY, BETWEEN THE HOURS OF 7:00 P.M. FRIDAY AND 6:00 A.M. TUESDAY.
- 7) FOR THANKSGIVING DAY, BETWEEN THE HOURS OF 7:00 P.M. TUESDAY TO 6:00 A.M. MONDAY.
- 8) FOR CHRISTMAS, BETWEEN THE HOURS OF 7:00 P.M. THE FRIDAY BEFORE THE WEEK OF CHRISTMAS DAY AND 6:00 A.M. THE FOLLOWING TUESDAY AFTER THE WEEK OF CHRISTMAS.

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.

TRAFFIC CONTROL DEVICES

G) UNLESS OTHERWISE NOTED IN THE PLANS, SPACE CHANNELIZING DEVICES IN WORK AREAS NO GREATER 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.

PAVEMENT MARKINGS AND MARKERS

H) UPON COMPLETION OF EACH STAGE OF BRIDGE WORK REPLACE EXISTING PAVEMENT MARKINGS WITH PAINT.

UPON COMPLETION OF ALL BRIDGE WORK OPERATIONS INSTALL THERMOPLASTIC PAVEMENT MARKINGS USING LANE CLOSURES PER STD. 1101.02, SHEET 3 OF 9.

MISCELLANEOUS

I) POLICE MAY BE USED TO MAINTAIN TRAFFIC THROUGH THE WORK AREA AND/OR INTERSECTIONS, AS DIRECTED BY THE ENGINEER.

J) ALL DIMENSIONS AND STATIONING IN THE TRAFFIC CONTROL PLAN ARE APPROXIMATE (+/-); FIELD ADJUST AS NECESSARY OR AS DIRECTED BY THE ENGINEER.

K) MAINTAIN ALL DRIVEWAY ACCESSSES.

L) ENSURE THE OVERSIZE/OVERWEIGHT PERMIT UNIT (919) 733-4740 HAS BEEN ADVISED OF THE ONGOING TRAFFIC OPERATIONS THROUGH THE DIVISION OFFICE INCLUDING THE FOLLOWING AREAS OF CONCERN:

- A. LANE CLOSURE RESTRICTIONS.
- B. NARROW LANES.

I:\4_2010\control\bk-5101D\bridge-53\top\plan sheets\BK-5101D_tcp_psh02.dgn

| | | | | | | | | | | | | |
|--|-----------|---|---------------|--|-----------|-----------|----------|----|------------|----|--------------|-----|
|  Stantec <small>Stantec Consulting Services Inc. Suite 300, 801 Jones Franklin Road Raleigh, NC 27606 Tel. 919.851.6886 Fax. 919.851.7024 www.stantec.com</small> | SEAL |  <i>Wesley L. Watson</i> 1/18/10 | GENERAL NOTES | | | | | | | | | |
| | SIGNATURE | | DATE | SCALE: NONE | REVISIONS | | | | | | | |
| | | | |  | | | | | | | | |
| | | | | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>DATE:</td> <td>JAN. 2010</td> </tr> <tr> <td>DWG. BY:</td> <td>GK</td> </tr> <tr> <td>DESIGN BY:</td> <td>GK</td> </tr> <tr> <td>REVIEWED BY:</td> <td>BLW</td> </tr> </table> | DATE: | JAN. 2010 | DWG. BY: | GK | DESIGN BY: | GK | REVIEWED BY: | BLW |
| DATE: | JAN. 2010 | | | | | | | | | | | |
| DWG. BY: | GK | | | | | | | | | | | |
| DESIGN BY: | GK | | | | | | | | | | | |
| REVIEWED BY: | BLW | | | | | | | | | | | |

TRAFFIC CONTROL PHASING

PHASE I
(TCP-4)

PERFORM STEPS 1 THROUGH 3 IN A CONTINUOUS OPERATION

STEP 1:

INSTALL LANE CLOSURES FOR BOTH DIRECTIONS OF NC 51 AS SHOWN ON SHEET TCP-4.

STEP 2:

CONSTRUCT STAGE I BRIDGE WORK (HYDRO-DEMOLITION AND LATEX MODIFIED CONCRETE OVERLAY) FOR THE NC 51 NORTHBOUND LEFT LANE.

REPLACE OBLITERATED PAVEMENT MARKINGS WITH PAINT.

STEP 3:

REMOVE LANE CLOSURES AND OPEN ALL LANES OF NC 51 TO TRAFFIC.

PHASE II
(TCP-5)

PERFORM STEPS 1 THROUGH 3 IN A CONTINUOUS OPERATION

STEP 1:

INSTALL LANE CLOSURES FOR BOTH DIRECTIONS OF NC 51 AS SHOWN ON SHEET TCP-5.

STEP 2:

CONSTRUCT STAGE II BRIDGE WORK (HYDRO-DEMOLITION AND LATEX MODIFIED CONCRETE OVERLAY) FOR THE NC 51 SOUTHBOUND LEFT LANE.

REPLACE OBLITERATED PAVEMENT MARKINGS WITH PAINT.

STEP 3:

REMOVE LANE CLOSURES AND OPEN ALL LANES OF NC 51 TO TRAFFIC.

PHASE III
(TCP-6)

PERFORM STEPS 1 THROUGH 3 IN A CONTINUOUS OPERATION

STEP 1:

INSTALL LANE CLOSURES FOR BOTH DIRECTIONS OF NC 51 AS SHOWN ON SHEET TCP-6.

STEP 2:

CONSTRUCT STAGE III BRIDGE WORK (JOINT REPAIR) FOR THE NC 51 NORTHBOUND RIGHT LANE.

STEP 3:

REMOVE LANE CLOSURES AND OPEN ALL LANES OF NC 51 TO TRAFFIC.

PHASE IV
(TCP-7)

PERFORM STEPS 1 THROUGH 3 IN A CONTINUOUS OPERATION

STEP 1:

INSTALL LANE CLOSURES FOR BOTH DIRECTIONS OF NC 51 AS SHOWN ON SHEET TCP-7.

STEP 2:

CONSTRUCT STAGE IV BRIDGE WORK (JOINT REPAIR) FOR THE NC 51 SOUTHBOUND RIGHT LANE.

STEP 3:

REMOVE LANE CLOSURES AND OPEN ALL LANES OF NC 51 TO TRAFFIC.

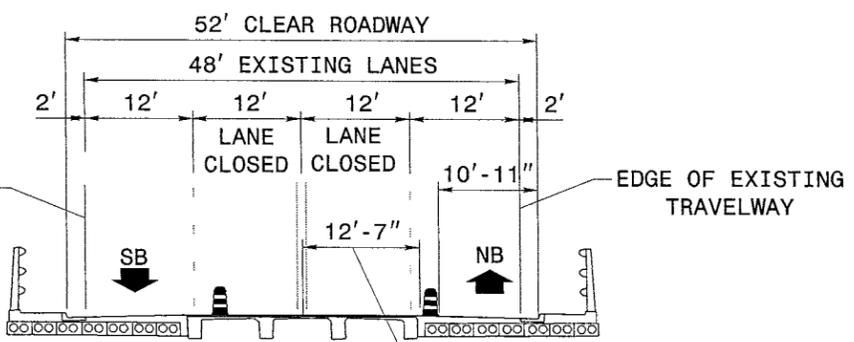
STEP 4:

UPON COMPLETION OF ALL BRIDGE WORK OPERATIONS INSTALL THERMOPLASTIC MARKINGS USING THE SAME TYPE OF LANE CLOSURES AS WERE PREVIOUSLY USED.

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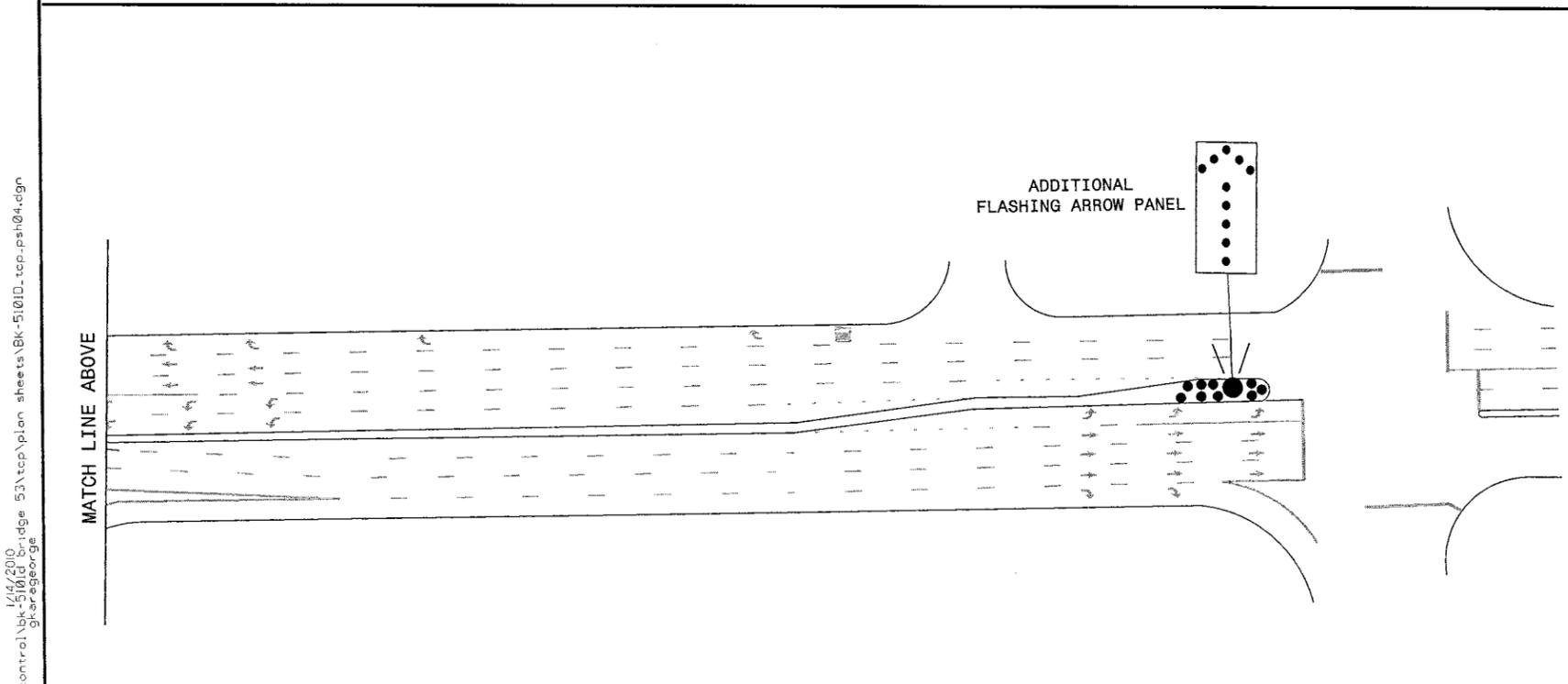
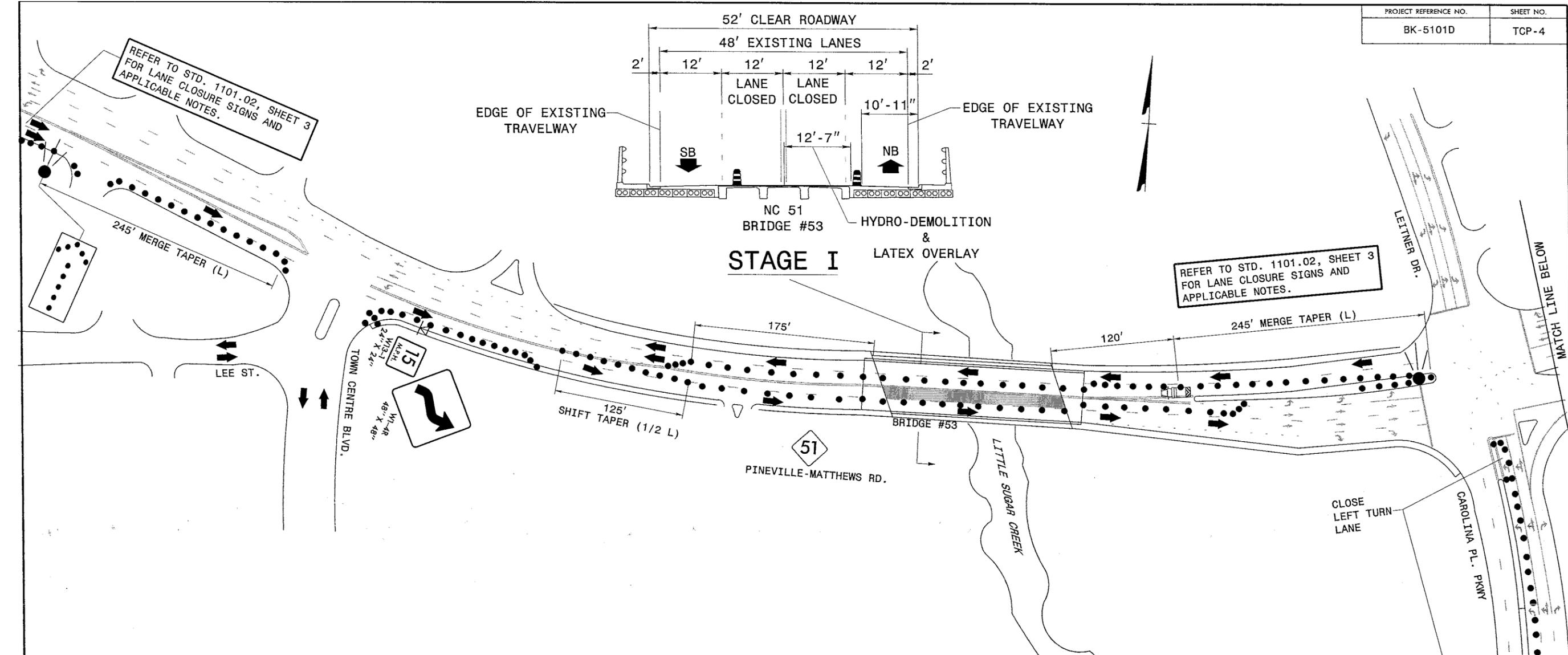
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|---|--|--|---|--|--|--|--|--|--|--|--|
|  Stantec Stantec Consulting Services Inc. Suite 300, 801 Jones Franklin Road Raleigh, NC 27606 Tel. 919.851.6866 Fax. 919.851.7024 www.stantec.com | SEAL  <i>Gregory L. Watson</i> 1/10/10 | TRAFFIC CONTROL PHASING | | | | | | | | | |
| | SIGNATURE _____ DATE _____ | SCALE: NONE DATE: JAN. 2010 DWG. BY: GK DESIGN BY: GK REVIEWED BY: BLW |  | REVISIONS <table border="1"> <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> | | | | | | | |
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REFER TO STD. 1101.02, SHEET 3 FOR LANE CLOSURE SIGNS AND APPLICABLE NOTES.



NC 51
BRIDGE #53
STAGE I
HYDRO-DEMOLITION & LATEX OVERLAY

REFER TO STD. 1101.02, SHEET 3 FOR LANE CLOSURE SIGNS AND APPLICABLE NOTES.



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gharageorge

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SEAL

Betty Watson
1/18/10

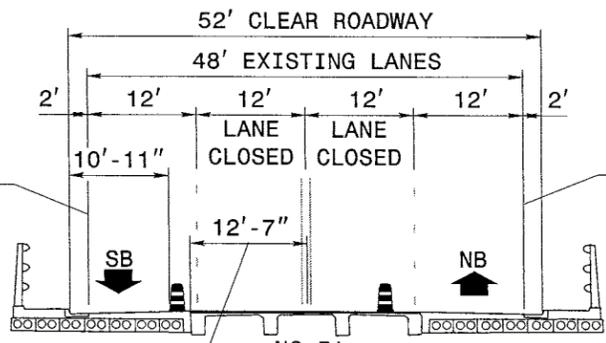
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PHASE I
STAGE I BRIDGE WORK

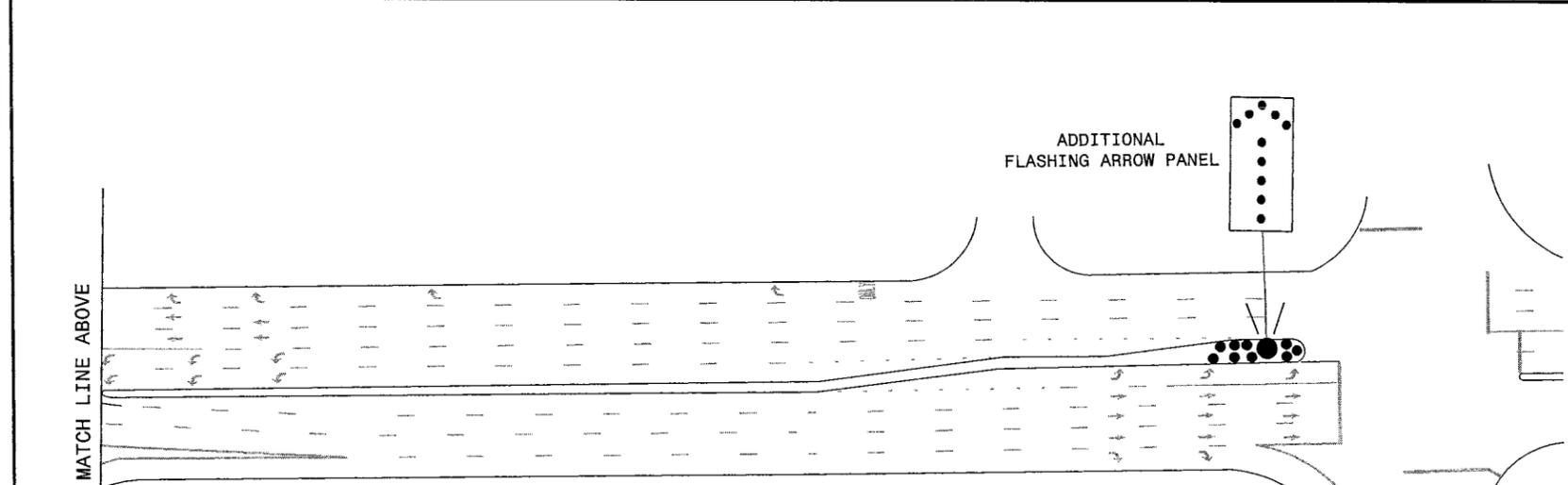
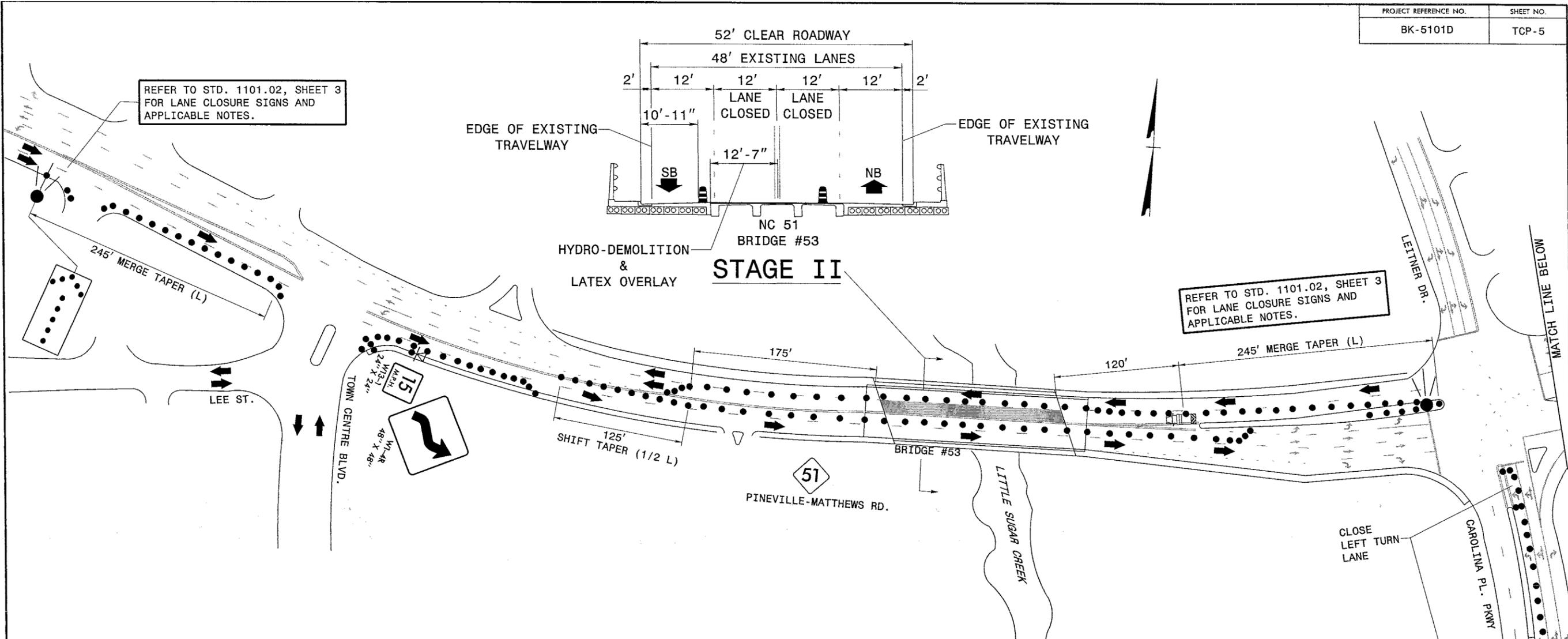
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| DWG. BY: | GK |
| DESIGN BY: | GK |
| REVIEWED BY: | BLW |

| REVISIONS |
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REFER TO STD. 1101.02, SHEET 3 FOR LANE CLOSURE SIGNS AND APPLICABLE NOTES.



REFER TO STD. 1101.02, SHEET 3 FOR LANE CLOSURE SIGNS AND APPLICABLE NOTES.



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Wesley L. Watson
1/18/10

SIGNATURE DATE

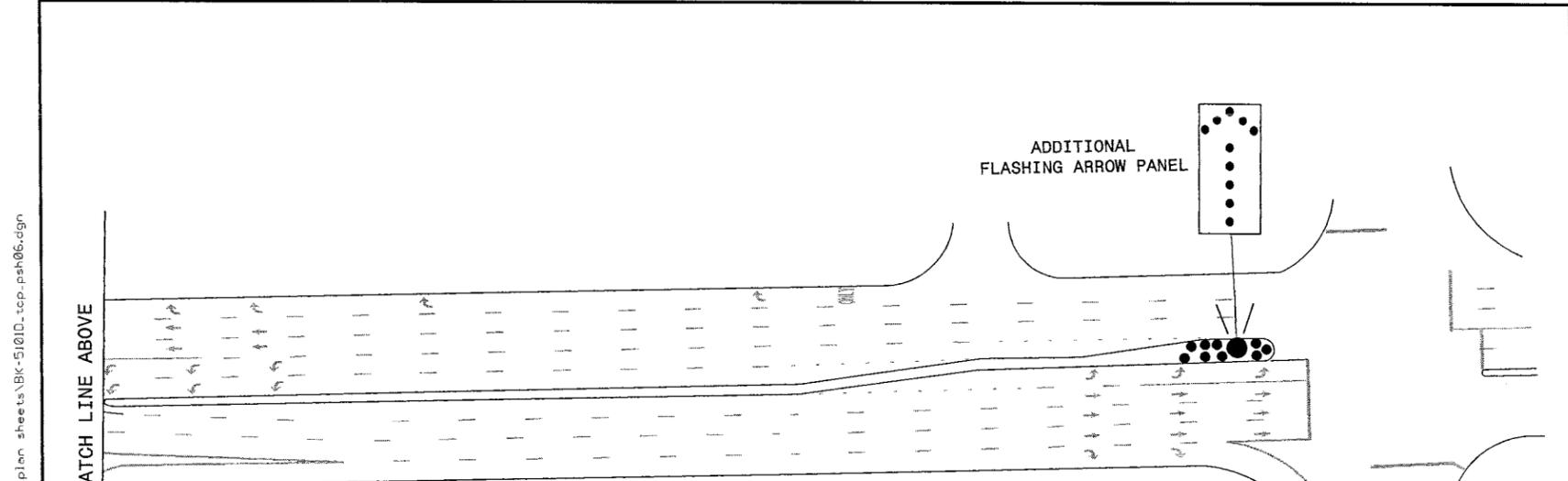
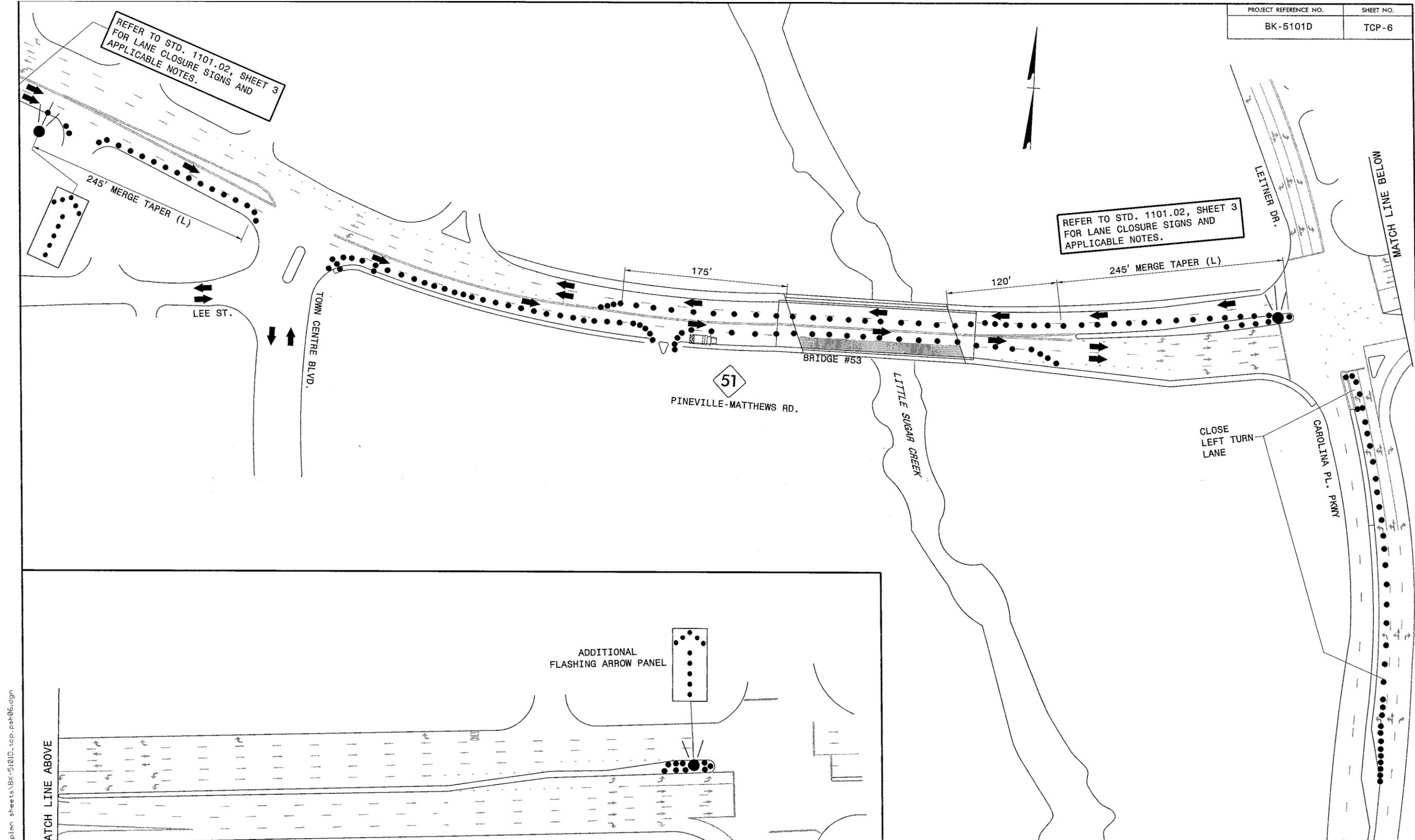
PHASE II
STAGE II BRIDGE WORK

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| REVIEWED BY: | BLW |

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REFER TO STD. 1101.02, SHEET 3 FOR LANE CLOSURE SIGNS AND APPLICABLE NOTES.

REFER TO STD. 1101.02, SHEET 3 FOR LANE CLOSURE SIGNS AND APPLICABLE NOTES.



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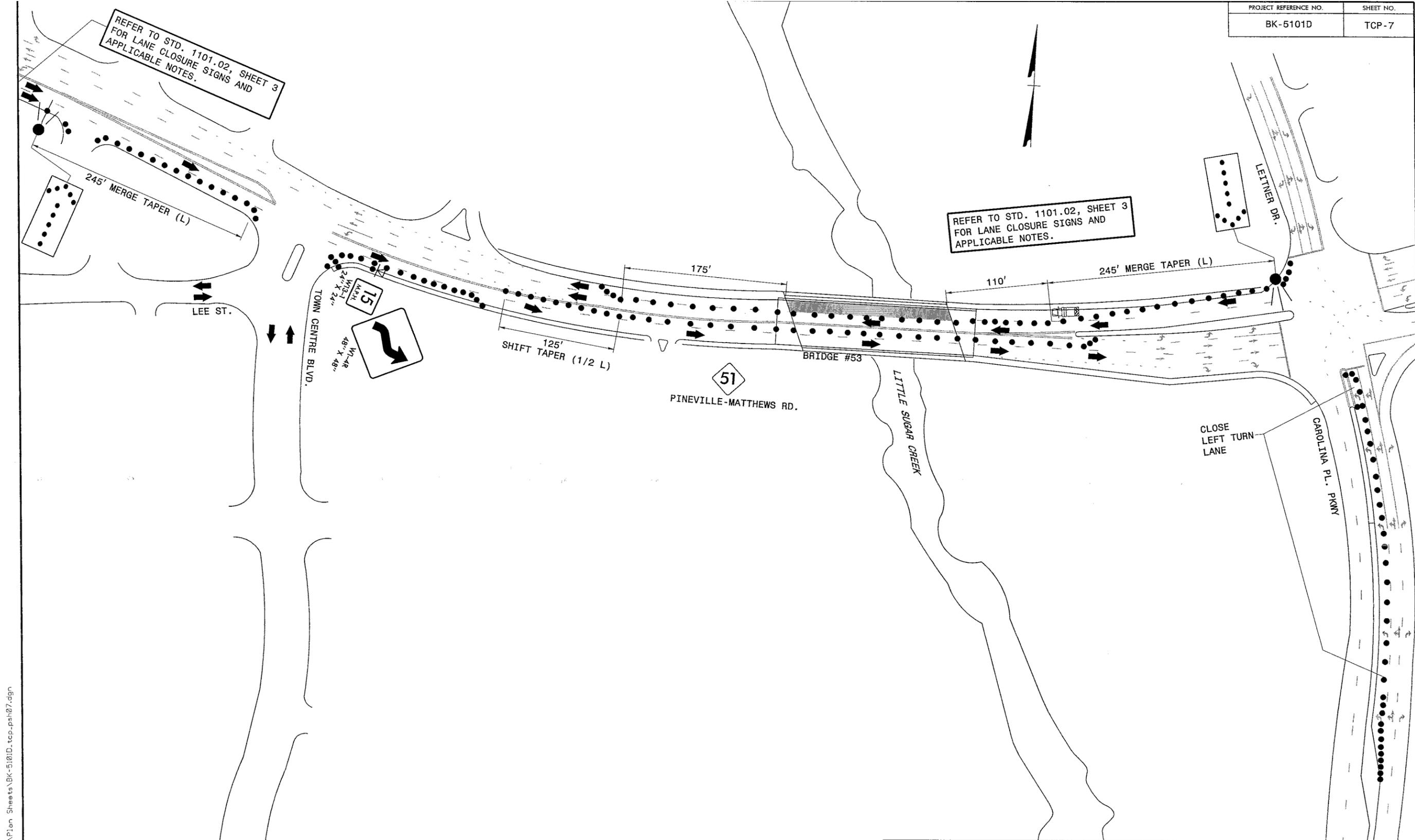
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Gregory W. Wilson
1/8/10
SIGNATURE DATE

PHASE III
STAGE III BRIDGE WORK

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| DATE: | JAN. 2010 |
| DWG. BY: | GK |
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 gkarageorge

| <p>Stantec Stantec Consulting Services Inc. Suite 300, 801 Jones Franklin Road Raleigh, NC 27606 Tel. 919.851.6866 Fax. 919.851.7024 www.stantec.com</p> | SEAL | <p style="text-align: center;">PHASE IV</p> <p style="text-align: center;">STAGE IV BRIDGE WORK</p> | | | | | | | | | |
|---|---|--|--|---|--------|------|-------|-----------|----------|----|------------|
| | <p><i>Kelly L. Walker</i> 1/18/10</p> | | | <table border="1"> <tr> <td>SCALE:</td> <td>NONE</td> </tr> <tr> <td>DATE:</td> <td>JAN. 2010</td> </tr> <tr> <td>DWG. BY:</td> <td>GK</td> </tr> <tr> <td>DESIGN BY:</td> <td>GK</td> </tr> <tr> <td>REVIEWED BY:</td> <td>BLW</td> </tr> </table> | SCALE: | NONE | DATE: | JAN. 2010 | DWG. BY: | GK | DESIGN BY: |
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