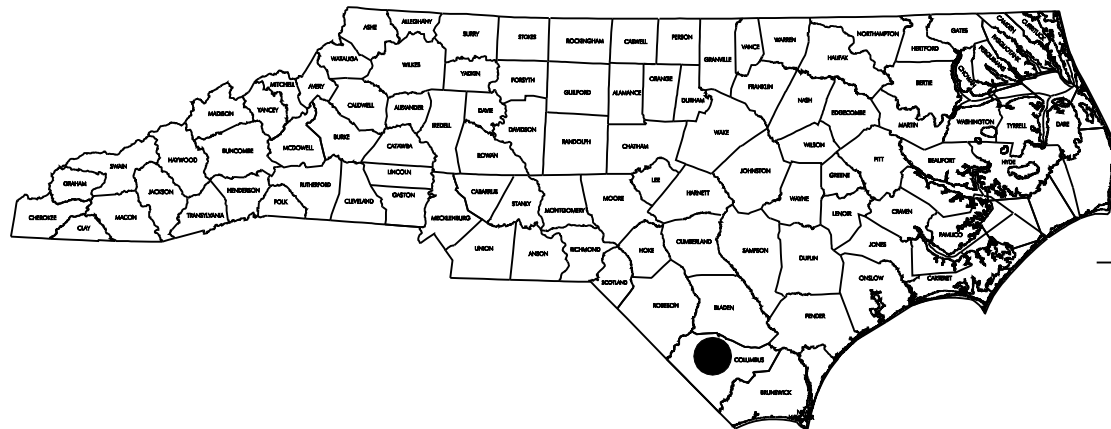


CONTRACT NO. D000028 TIP PROJECT: B-4700AO

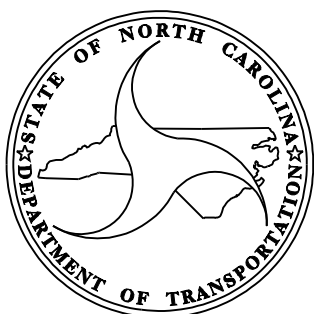
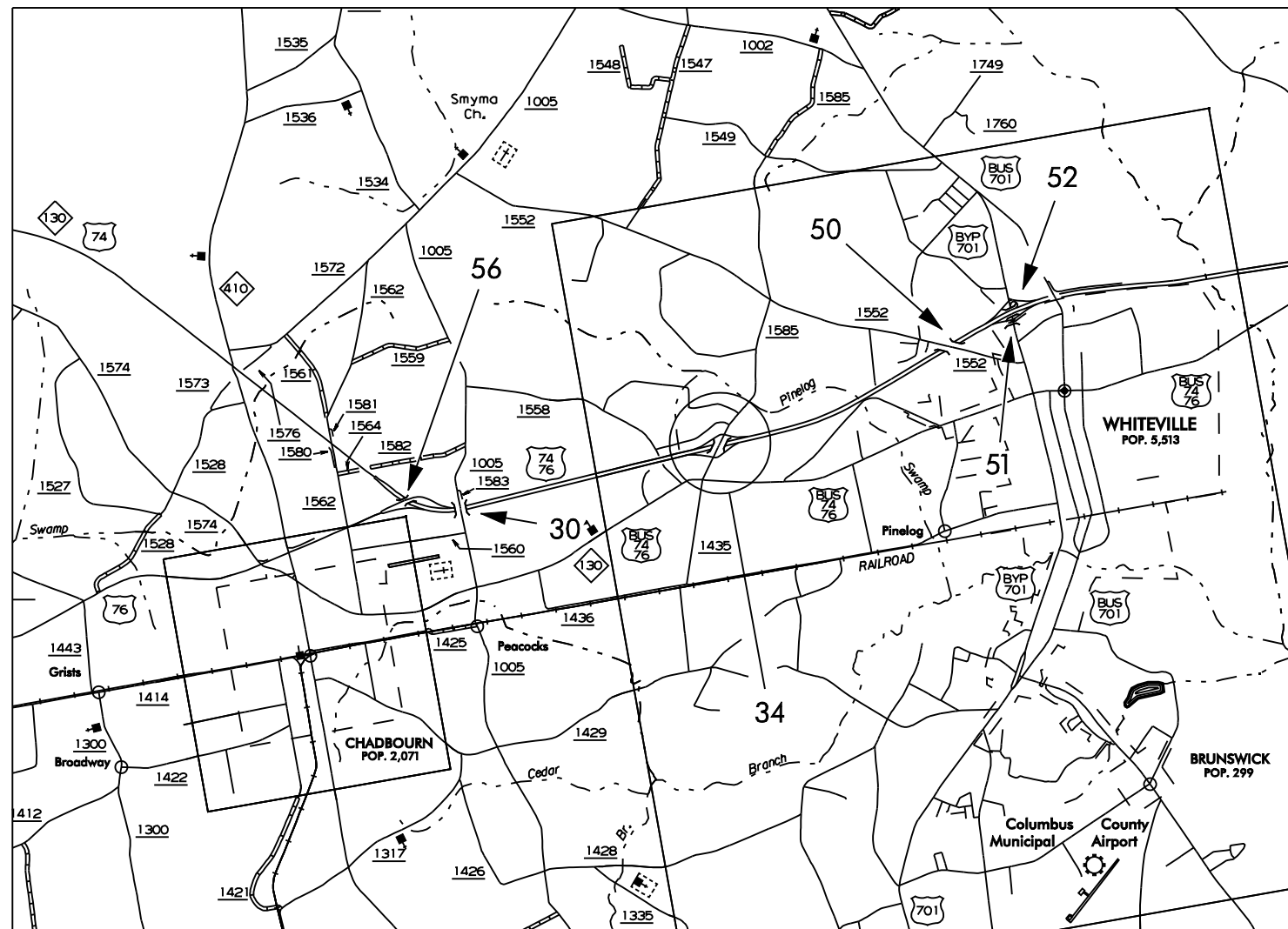


STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

COLUMBUS COUNTY

**LOCATION: US 74/NC130, US 76, SR 1435, SR 1585, SR 1552,
ACROSS US 74/76, US BYP 701
TYPE OF WORK: BRIDGE PRESERVATION: CLEANING
AND PAINTING OF BRIDGES #30, #34, #50, & #51, #52 & #56
IN COLUMBUS COUNTY.**

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-4700AO	1	1
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
36727.1.1	BRNHS-000S(504)	P.E.	
36727.3.39	BRNHS-000S(370)	CONST	



DESIGN DATA

PROJECT LENGTH

LENGTH STRUCTURE PROJECT = 5.83 MILE

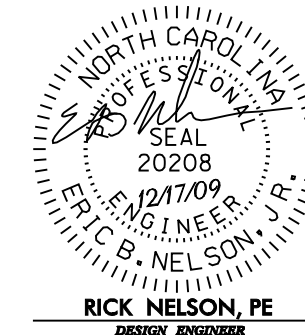
Prepared In the Office of:
BRIDGE MANAGEMENT UNIT

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
2006 STANDARD SPECIFICATIONS

LETTING DATE:
FEBRUARY 25, 2010

DAN HOLDERMAN, PE
STATE BRIDGE
MANAGEMENT ENGINEER

MIKE SUMMERS
BRIDGE MANAGEMENT
PROJECT MANAGER



RICK NELSON, PE
DESIGN ENGINEER

12/21/2009 U:\Traffic\TrafficControl\B-4700AO Columbus\TCP\Plan Sheets\B-4700AO_tcp.psh_01.dgn K.wieskamp

TIP PROJECT: B-4700AO

WBS 36727.3.39

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

**PLAN FOR PROPOSED
TRAFFIC CONTROL**

COLUMBUS COUNTY

LOCATION: BRIDGE NO.S 56, 30, 34, 50, 51, 52, 381, AND 382.

TYPE OF WORK: TRAFFIC CONTROL FOR BRIDGE PAINTING

STATE PROJECT REFERENCE NO. B-4700AO	SHEET NO. TCP-1
--	--------------------

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

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
1135.01	CONES
1165.01	TRUCK MOUNTED IMPACT ATTENUATOR
1180.01	SKINNY-DRUM

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	DETAIL FOR RIGHT AND LEFT LANE CLOSURES ON US 74/76
TCP-5	DETAIL FOR TREATMENT OF CENTER LANE CLOSURES ON US 701 BYP.
TCP-6	DETAIL FOR TREATMENT OF RIGHT LANE CLOSURES IN THE VICINITY OF ENTRANCE RAMPS
TCP-7	DETAIL FOR TREATMENT OF RIGHT LANE CLOSURES IN THE VICINITY OF EXIT RAMPS
TCP-8	DETAIL FOR TREATMENT OF RIGHT LANE CLOSURES IN THE VICINITY OF EXIT RAMPS

<p>APPROVED: </p> <p>DATE: 12/30/09</p>	<p>PLAN PREPARED BY:</p>	<p style="font-size: small;">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>
	<p>_____ BETSY L. WATSON, PE _____</p> <p>_____ KELLIE L. WIESKAMP, EI _____</p>	<p style="text-align: right; font-size: small;">TRAFFIC CONTROL ENGINEER</p> <p style="text-align: right; font-size: small;">TRANSPORTATION DESIGNER</p>

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.

LANE CLOSURE TIME RESTRICTIONS

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

ROAD NAME	DAY AND TIME RESTRICTIONS
ALL ROADS	7:00 A.M. FRIDAY - 12:00 A.M. MONDAY

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 6:00 P.M. DECEMBER 31st TO 7:00 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 6:00 P.M. THURSDAY AND 7:00 A.M. MONDAY.
- 4) FOR MEMORIAL DAY, BETWEEN THE HOURS OF 6:00 P.M. FRIDAY TO 7:00 A.M. TUESDAY.
- 5) FOR INDEPENDENCE DAY, BETWEEN THE HOURS OF 6:00 P.M. THE DAY BEFORE INDEPENDENCE DAY AND 7:00 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 7:00 A.M. THE TUESDAY AFTER INDEPENDENCE DAY.
- 6) FOR LABOR DAY, BETWEEN THE HOURS OF 6:00 P.M. FRIDAY AND 7:00 A.M. TUESDAY.
- 7) FOR THANKSGIVING DAY, BETWEEN THE HOURS OF 6:00 P.M. TUESDAY TO 7:00 A.M. MONDAY.
- 8) FOR CHRISTMAS, BETWEEN THE HOURS OF 6:00 P.M. THE FRIDAY BEFORE THE WEEK OF CHRISTMAS DAY AND 7:00 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 1101.01, SHEET 1 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 SHEET TCP-4 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.
- H) DO NOT INSTALL MORE THAN 4 MILES OF LANE CLOSURE ON US 74/76 MEASURED FROM THE BEGINNING OF THE MERGE TAPER TO THE END OF THE LANE CLOSURE.
- I) DO NOT INSTALL MORE THAN 2 SIMULTANEOUS LANE CLOSURES IN ANY ONE DIRECTION ON US 74/76.
- J) PROVIDE A MINIMUM OF 1 MILE BETWEEN LANE CLOSURES, MEASURED FROM THE END OF ONE CLOSURE TO THE FIRST SIGN OF THE NEXT LANE CLOSURE.

TRAFFIC PATTERN ALTERATIONS

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

SIGNING


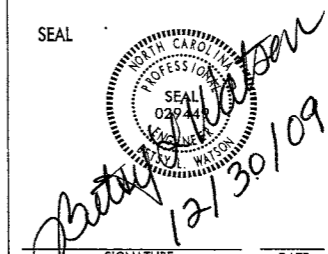

L) ENSURE ALL SIGNING IS IN PLACE PRIOR TO ALTERING ANY TRAFFIC PATTERN.

MISCELLANEOUS

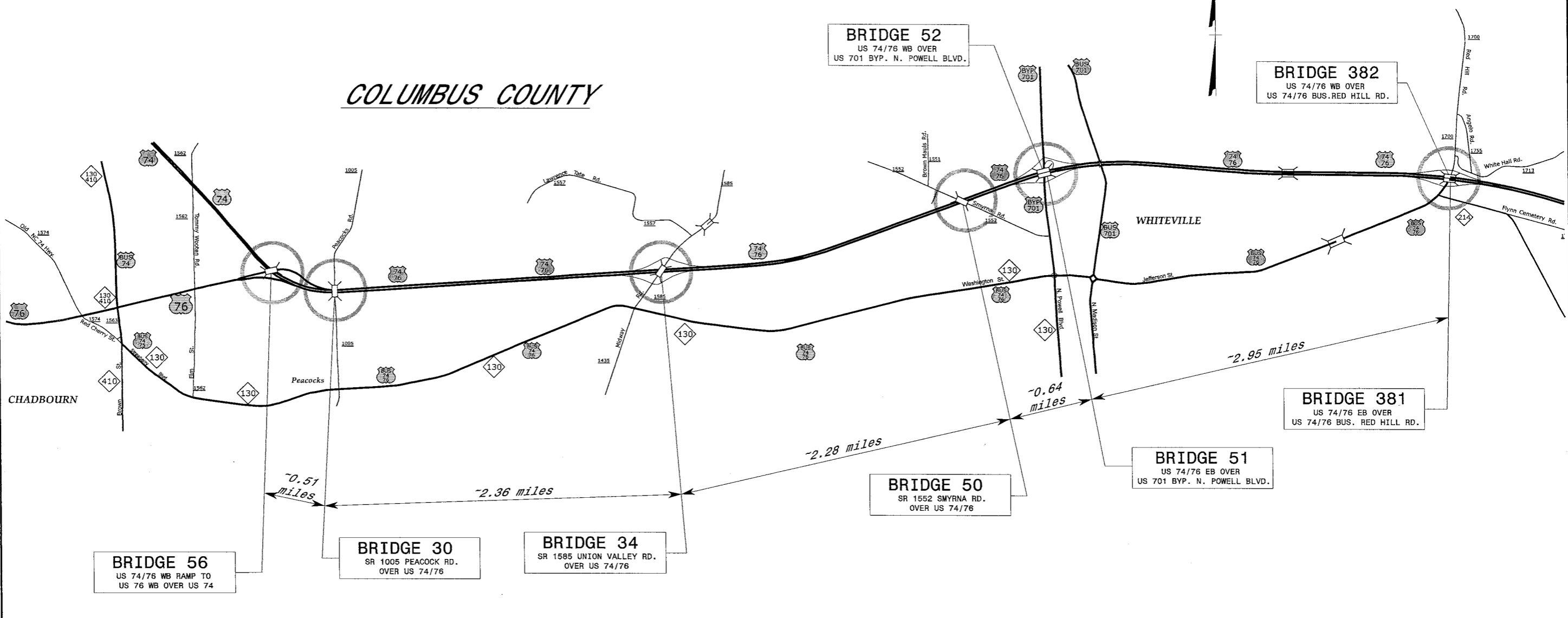
M) DO NOT PERFORM WORK FROM THE ROADWAY ON TOP OF THE STRUCTURE.

N) ENSURE THE OVERSIZE/OVERWEIGHT PERMIT UNIT (919) 733-4740 HAS BEEN ADVISED OF THE ONGOING TRAFFIC OPERATIONS THROUGH THE DIVISION OFFICE.

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 Stantec <small>Stantec Consulting Services Inc. Suite 300, 801 Jones Franklin Road Raleigh, NC 27608 Tel. 919.851.6868 Fax. 919.851.7024 www.stantec.com</small>	SEAL  SIGNATURE DATE	PROJECT NOTES GENERAL NOTES	REVISIONS <table border="1" style="width: 100%; height: 40px;"> <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>								
SCALE: NONE DATE: DEC. 2009 DWG. BY: K LW DESIGN BY: BLW REVIEWED BY: BLW											

COLUMBUS COUNTY



TRAFFIC CONTROL PHASING

STEP 1:

PERFORM BRIDGE PAINTING OPERATIONS AS SHOWN IN THE CONTRACT AND CONSTRUCTION PLANS. PERFORM WORK IN ACCORDANCE WITH "NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES-JULY 2006".

WHEN WORKING ON BRIDGES #56, #30, #34, AND #50, USE TEMPORARY LANE CLOSURES ON US 74/76 TO PERFORM THE WORK ACCORDING TO SHEET TCP-4.

WHEN WORKING ON BRIDGES #381 AND #382, USE DEVICES AS SHOWN ON TCP-4 FOR RIGHT LANE CLOSURES ONLY, WITH THE EXCEPTION THAT APPROACH WARNING SIGNS ARE NOT REQUIRED TO BE MOUNTED ON THE LEFT SIDE OF THE ROADWAY AND THE USE OF A CMS IS NOT REQUIRED UNLESS DIRECTED BY THE ENGINEER.

WHEN WORKING ON BRIDGES #51 AND #52, USE TEMPORARY LANE CLOSURES ON US 701 BYP. TO PERFORM THE WORK ACCORDING TO SHEET TCP-5.

WHEN RIGHT LANE CLOSURES ENCR OACH THROUGH THE VICINITY OF AN ENTRANCE RAMP IN ADVANCE OF THE WORK AREA AT BRIDGE #50, USE SHEET TCP-6 IN CONJUNCTION WITH A RIGHT LANE CLOSURE SHEET TCP-4.

WHEN RIGHT LANE CLOSURES ENCR OACH THROUGH THE VICINITY OF AN EXIT RAMP IN ADVANCE OF THE WORK AREA AT BRIDGE #34, USE SHEET TCP-7 IN CONJUNCTION WITH A RIGHT LANE CLOSURE SHEET TCP-4.

WHEN RIGHT LANE CLOSURES ENCR OACH THROUGH THE VICINITY OF AN EXIT RAMP DOWNSTREAM OF THE WORK AREA AT BRIDGE #30, USE SHEET TCP-8 IN CONJUNCTION WITH A RIGHT LANE CLOSURE SHEET TCP-4.

MAINTAIN ALL RAMPS AND LOOPS OPEN AT ALL TIMES FOR ALL INTERCHANGES ON THE PROJECT UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

AT THE END OF EACH DAY'S OPERATIONS MOVE EQUIPMENT TO STAGING AREA AT LEAST 40 FEET AWAY FROM ANY TRAVEL LANES AS APPROVED BY THE ENGINEER AND REMOVE LANE CLOSURES. WHEN NOT BEING USED TO CLOSE A LANE, DRUMS MAY EITHER BE TOTALLY REMOVED OR BE MOVED TO OUTSIDE OF SHOULDER SUCH THAT THEY DO NOT CLOSE THE SHOULDER.

STEP 2

UPON COMPLETION OF THE PROJECT, REMOVE ALL TRAFFIC CONTROL DEVICES.

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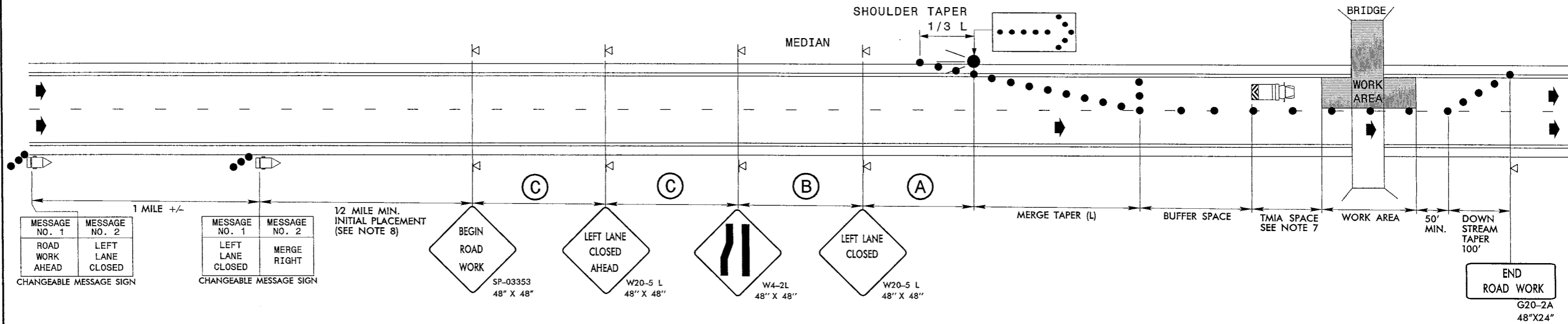
Christopher Watson
12/30/09

**COLUMBUS COUNTY BRIDGE PAINTING
VICINITY MAP
TRAFFIC CONTROL PHASING**

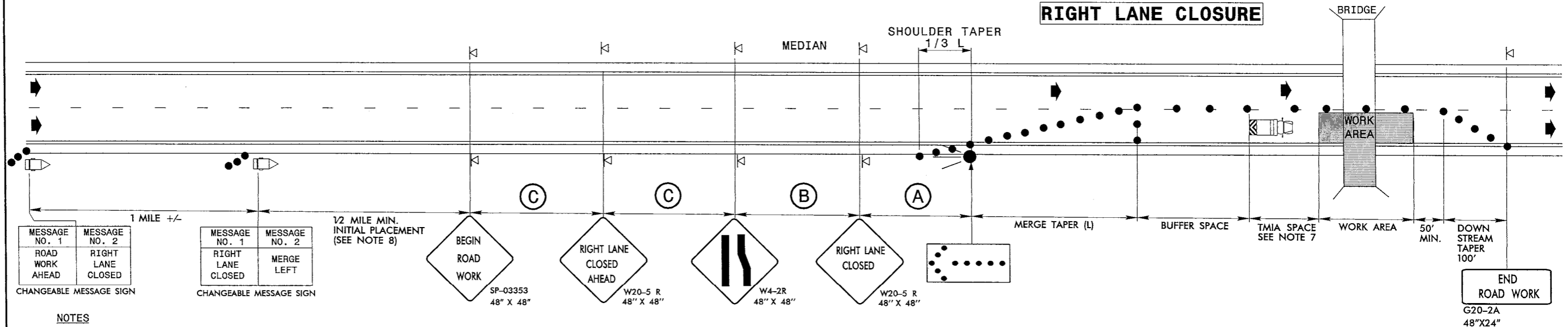
SCALE:	NONE
DATE:	DEC. 2009
DWG. BY:	KLW
DESIGN BY:	BLW
REVIEWED BY:	BLW

REVISIONS	

LEFT LANE CLOSURE



RIGHT LANE CLOSURE

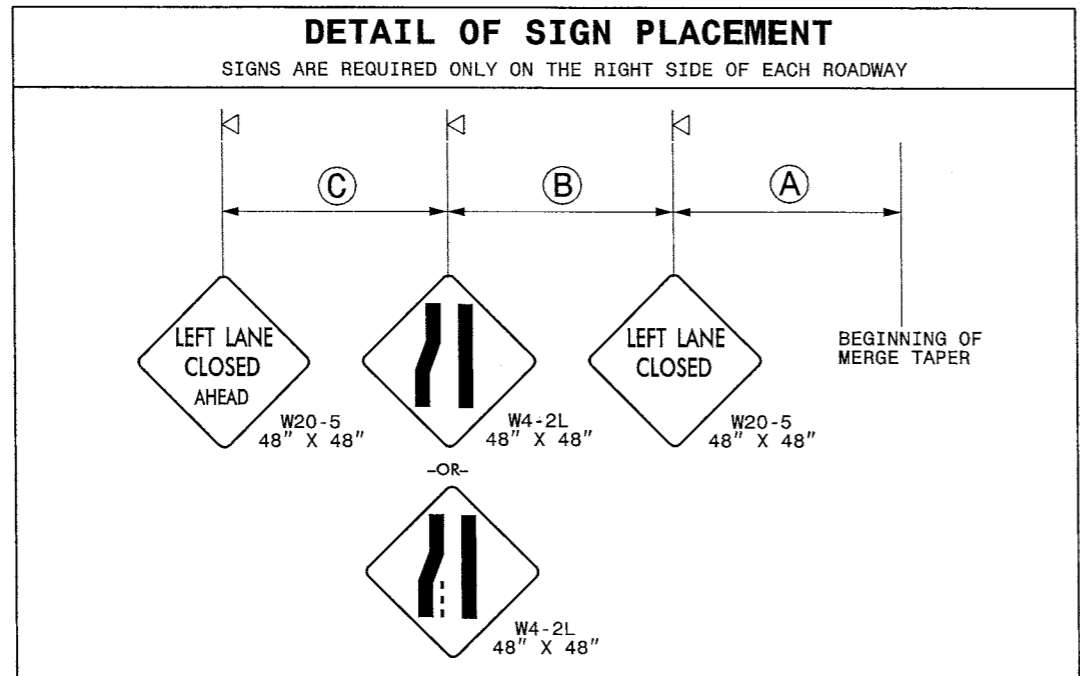


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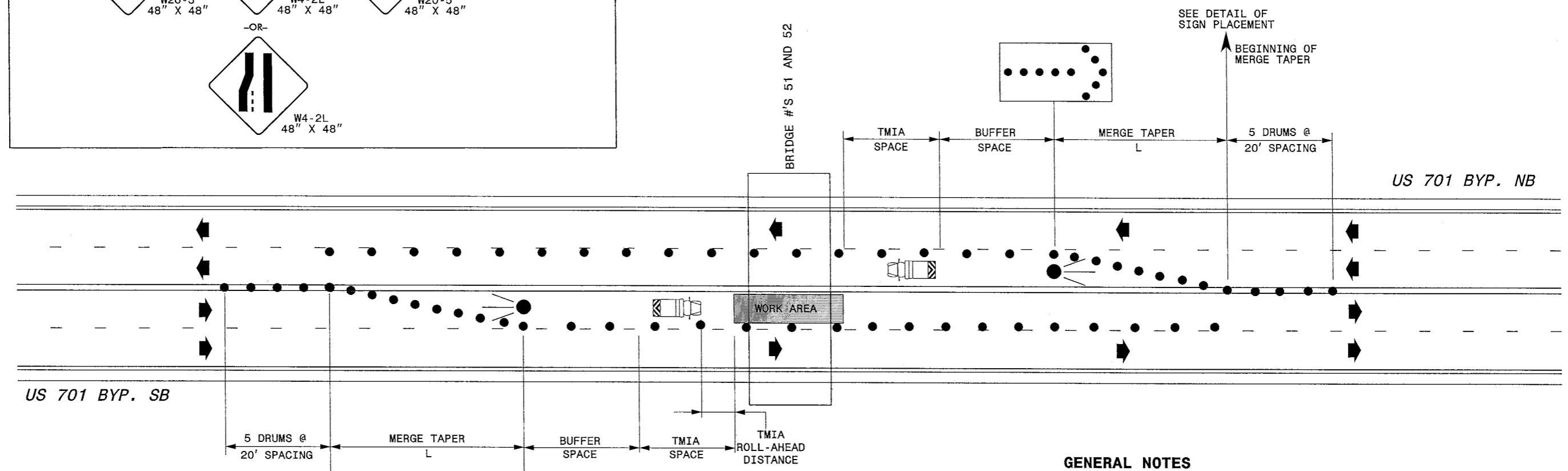
- USE THIS DRAWING FOR LANE CLOSURES ALONG US 74/76 ASSOCIATED WITH BRIDGES #56, #30, #34, #50, #381, AND #382. FOR RIGHT LANE CLOSURES AT BRIDGES #381 AND #382, USE DEVICES AS SHOWN, WITH THE EXCEPTION THAT APPROACH WARNING SIGNS ARE NOT REQUIRED TO BE MOUNTED ON THE LEFT SIDE OF THE ROADWAY AND THE USE OF A CMS IS NOT REQUIRED UNLESS DIRECTED BY THE ENGINEER.
- PLACE ARROW PANELS ON THE SHOULDER (PAVED OR UNPAVED). PLACE ARROW PANELS WITHIN THE TAPER IF SHOULDERS DO NOT EXIST. MEET THE REQUIREMENTS FOR STOPPING SIGHT DISTANCE AT THE ARROW PANEL LOCATION. IF NEEDED, EXTEND LANE CLOSURES AT THE BUFFER SPACE, SUCH THAT STOPPING SIGHT DISTANCE TO THE ARROW PANEL IS MET. (SEE STD. 1101.11 SHEET 2).
- PLACE DRUMS IN TAPERS AT THE MAXIMUM SPACING EQUAL IN FEET TO THE POSTED SPEED LIMIT. PLACE DRUMS ALONG THE BUFFER SPACE AND WORK AREA AT THE MAXIMUM SPACING EQUAL IN FEET TO 2 TIMES THE POSTED SPEED LIMIT.
- REFER TO STD. 1101.11 SHEETS 1 & 4, FOR "L" DISTANCE AND SIGN SPACING.
- REFER TO SHEETS TCP-6 THROUGH TCP-8 FOR TREATMENT OF LANE CLOSURES THROUGH INTERCHANGES.
- INSTALL LANE CLOSURES WITH THE TRAFFIC FLOW, BEGINNING WITH DEVICES ON THE UPSTREAM SIDE OF TRAFFIC. REMOVE LANE CLOSURES AGAINST THE TRAFFIC FLOW, BEGINNING WITH DEVICES ON THE DOWNSTREAM SIDE OF TRAFFIC.
- TMIA'S ARE REQUIRED ONLY WHEN A BUFFER SPACE CANNOT BE ATTAINED, OR WHEN DIRECTED BY THE ENGINEER OR THE PLANS. WHEN USED, POSITION THE TMIA TO MAINTAIN A ROLL-AHEAD DISTANCE AS RECOMMENDED BY THE MANUFACTURER.
- PLACE CHANGEABLE MESSAGE SIGN (CMS) ON THE OUTSIDE OF THE TRAVELWAY AS DIRECTED BY THE ENGINEER. PLACE CMS APPROXIMATELY 1/2 MILE IN ADVANCE OF THE W20-5 SIGNS. IF TRAFFIC BACKS UP TO WHERE THE CMS IS INITIALLY PLACED, RELOCATE CMS 1/2 MILE FROM ANTICIPATED BACKUP. CONTINUE TO MONITOR TRAFFIC AND MOVE CMS APPROXIMATELY 1/2 MILE IN CONJUNCTION WITH ANTICIPATED BACKUP.

12/21/2009
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<p>Stantec Stantec Consulting Services Inc. Suite 300, 801 Jones Franklin Road Raleigh, NC 27605 Tel. 919.851.6866 Fax. 919.851.7024 www.stantec.com</p>	SEAL 	<p>TEMPORARY LANE CLOSURES ON US 74/76 AND US 74/76 BUS.</p>	SCALE: NONE DATE: DEC. 2009 DWG. BY: K LW DESIGN BY: BLW 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> </table>						
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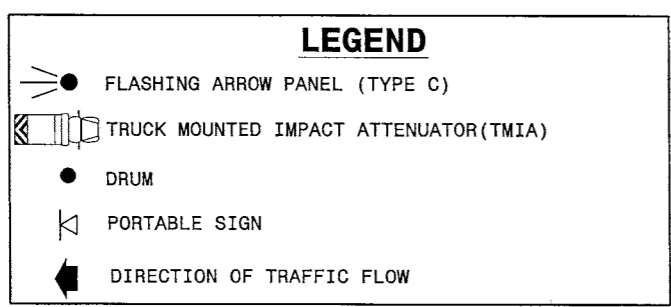
LEFT LANE CLOSURE



GENERAL NOTES

- USE THE ABOVE DETAIL FOR APPLICATION OF LANE CLOSURES IN THE VICINITY OF BRIDGE #'S 51 AND 52.
- FOR RIGHT LANE CLOSURES ON NB APPROACH OF US 701 BYP., USE DEVICES AS SHOWN ON SHEET TCP-4 WITH THE EXCEPTION THAT APPROACH WARNING SIGNS ARE NOT REQUIRED TO BE MOUNTED ON THE LEFT SIDE OF THE ROADWAY, AND THE USE OF A CMS IS NOT REQUIRED UNLESS DIRECTED BY THE ENGINEER. ALLOW RIGHT TURNS ONTO US 74/76 EB RAMP AND US 74/76 WB LOOP.

FOR RIGHT LANE CLOSURE ON SB APPROACH OF US 701 BYP., USE DEVICES AS SHOWN ON SHEET TCP-4 WITH THE EXCEPTION THAT APPROACH WARNING SIGNS ARE NOT REQUIRED TO BE MOUNTED ON THE LEFT SIDE OF THE ROADWAY, AND THE USE OF A CMS IS NOT REQUIRED UNLESS DIRECTED BY THE ENGINEER. ALLOW RIGHT TURNS ONTO US 74/76 WB RAMP.
- FOR LEFT LANE CLOSURE ON SB APPROACH OF US 701 BYP., ALLOW LEFT TURNS ONTO US 74/76 EB RAMP.
- REFER TO NOTES ON SHEET TCP-4.



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Blaine L. Watson
12/30/09

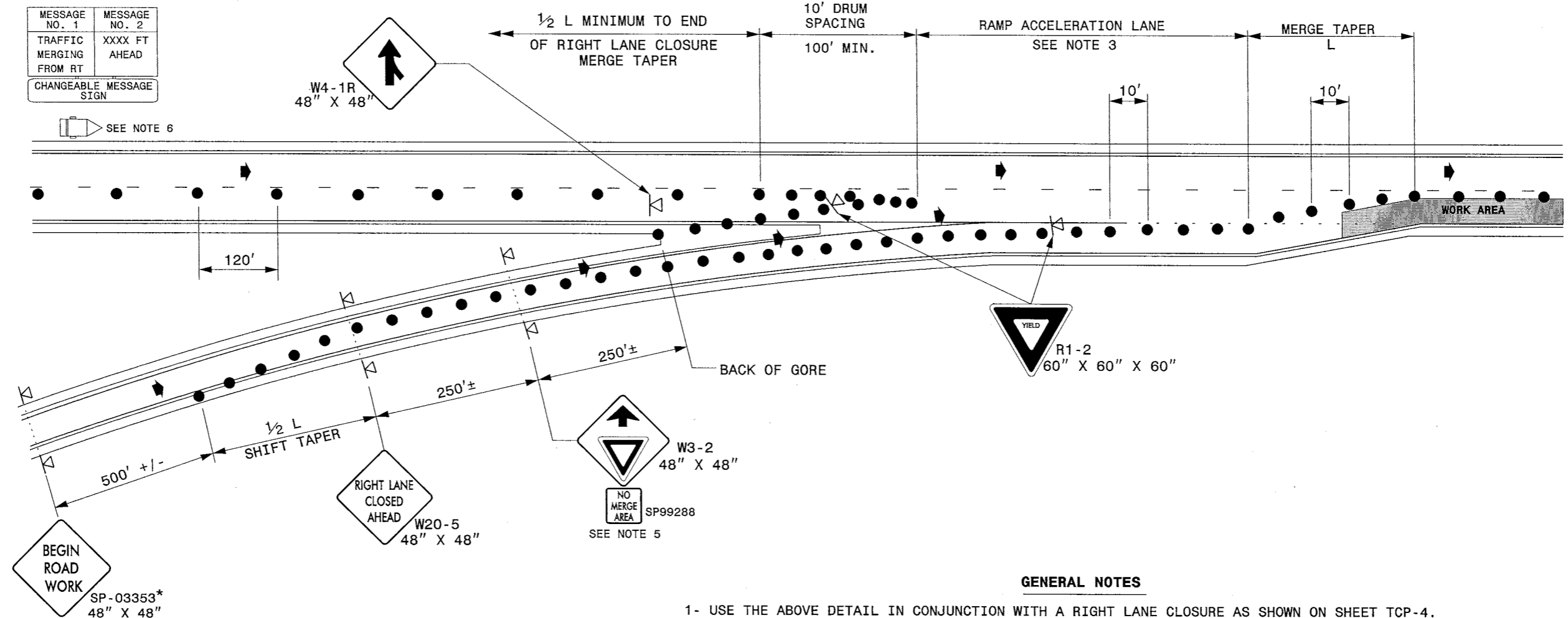
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RIGHT AND LEFT LANE CLOSURES ON US 701 BYP.

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DESIGN BY: KLW		
REVIEWED BY: BLW		
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MESSAGE NO. 1	MESSAGE NO. 2
TRAFFIC MERGING FROM RT	XXXX FT AHEAD
CHANGEABLE MESSAGE SIGN	



GENERAL NOTES

- 1- USE THE ABOVE DETAIL IN CONJUNCTION WITH A RIGHT LANE CLOSURE AS SHOWN ON SHEET TCP-4.
- 2- MOUNT SIGNS SHOWN A MINIMUM OF 5 FEET ABOVE THE PAVEMENT ELEVATION.
- 3- IF EXISTING ACCELERATION DISTANCE OR A MINIMUM OF 400' ACCELERATION DISTANCE CANNOT BE PROVIDED, CONTACT THE WORK ZONE TRAFFIC CONTROL UNIT FOR FURTHER GUIDANCE.
- 4- CLOSE THE RIGHT LANE SUFFICIENTLY IN ADVANCE TO STABILIZE MOTOR VEHICLE TRAFFIC FLOW BEFORE THE MERGE AS SHOWN ON SHEET TCP-4.
- 5- INSTALL SP99288 BELOW THE YIELD AHEAD SIGN (AS SHOWN) TO ALERT MOTORISTS THAT THE ACCELERATION DISTANCE HAS BEEN REDUCED.
- 6- COORDINATE WITH THE ENGINEER FOR LOCATION OF CMS.
- 7- USE THE ABOVE DETAIL ALONG US 74/76 FOR THE FOLLOWING SITUATIONS:

BRIDGE NO. 50 ON RAMP FROM US 701 BYP. SB TO US 74/76 WB

LEGEND

	CHANGEABLE MESSAGE SIGN (CMS)
	DRUM
	PORTABLE SIGN
	DIRECTION OF TRAFFIC FLOW

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Peter Watson
12/30/09

SIGNATURE DATE

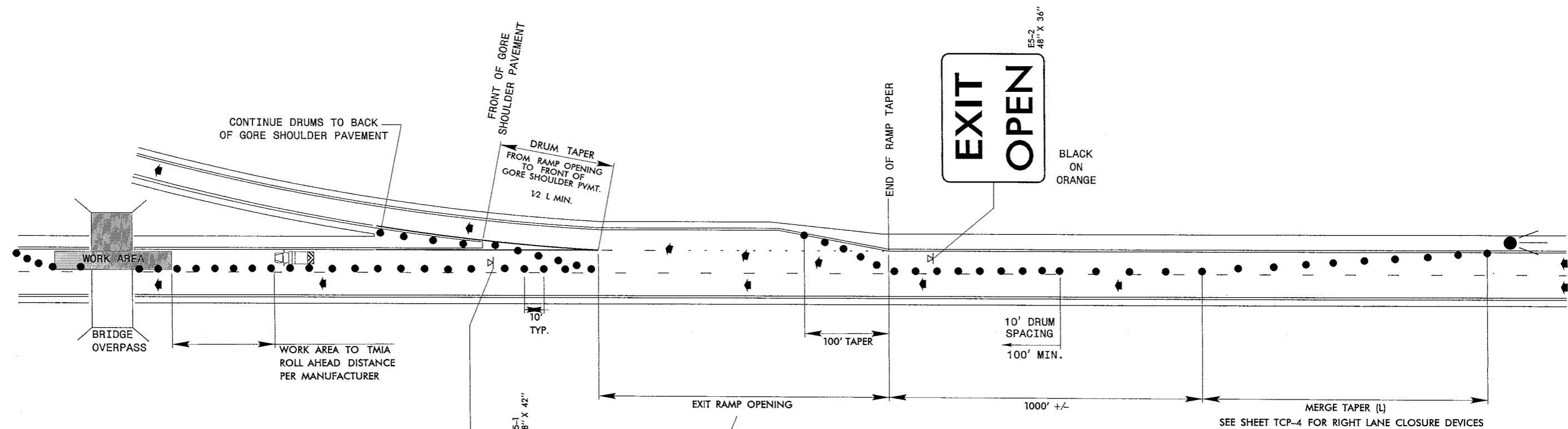
TYPICAL RIGHT LANE CLOSURE THROUGH VICINITY OF ENTRANCE RAMP

SCALE:	NONE
DATE:	DEC. 2009
DESIGN BY:	KLW
REVIEWED BY:	BLW

REVISIONS	

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**TYPICAL
RIGHT LANE CLOSURE
THROUGH VICINITY OF EXIT RAMP**



WHITE ON GREEN
REFLECTORIZED



BLACK
ON
ORANGE

NOTE:
USE SAME AS EXISTING RAMP OPENING LENGTH WHERE POSSIBLE.
USE NO LESS THAN 200 FEET.

NOTES

1. USE THE ABOVE DETAIL IN CONJUNCTION WITH A RIGHT LANE CLOSURE AS SHOWN ON SHEET TCP-4 FOR EXIT RAMP IN ADVANCE OF BRIDGE #34 (US 74/76 EB/WB RAMPS TO SR 1585 UNION VALLEY RD.).
2. MOUNT EXIT SIGN(E5-1) AND EXIT OPEN SIGN(E5-2) A MINIMUM OF 7 FEET FROM THE PAVEMENT SURFACE TO THE BOTTOM OF THE SIGN.
3. REFER TO ROADWAY STANDARD DRAWING 1101.11 SHEETS 1, 2 & 4 FOR TRAFFIC CONTROL DESIGN TABLES.

12/21/2009
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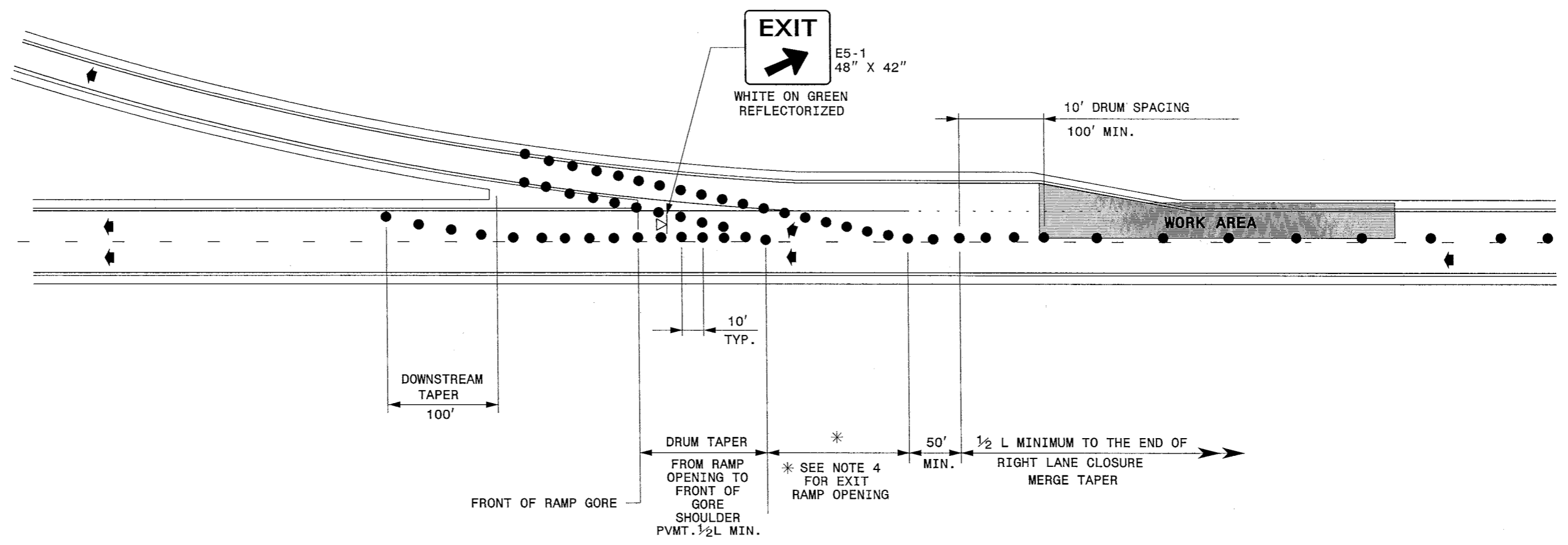
SEAL

Betty Watson
12/30/09

SIGNATURE DATE

**TYPICAL
RIGHT LANE CLOSURE
THROUGH VICINITY OF EXIT RAMP**

SCALE: NONE		REVISIONS
DATE: DEC. 2009		
DESIGN BY: KLV		
REVIEWED BY: BLW		



GENERAL NOTES

- 1-USE THE ABOVE DETAILS IN CONJUNCTION WITH A RIGHT LANE CLOSURE AS SHOWN ON SHEET TCP-4.
- 2-MOUNT EXIT SIGNS A MINIMUM OF 7 FEET ABOVE THE PAVEMENT ELEVATION.
- 3-USE THE ABOVE DETAIL FOR LANE CLOSURES ALONG US 74/76 FOR THE FOLLOWING SITUATION:
BRIDGE NO. 30: US 74/76 WB RAMP TO US 76
- * 4- USE EXISTING RAMP OPENING LENGTH WHERE POSSIBLE. USE NO LESS THAN 1/2 ORIGINAL LENGTH. IF 1/2 ORIGINAL LENGTH CANNOT BE OBTAINED, CONTACT THE WORK ZONE TRAFFIC CONTROL UNIT FOR FURTHER GUIDANCE.

LEGEND

- TRUCK MOUNTED IMPACT ATTENUATOR
- DRUM
- PORTABLE SIGN
- DIRECTION OF TRAFFIC FLOW

12/21/2009
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 hwt:ak:mp

 Stantec Stantec Consulting Services Inc. Suite 300, 801 Jones Franklin Road Raleigh, NC 27608 Tel. 919.851.6866 Fax. 919.851.7024 www.stantec.com	SEAL 	TYPICAL RIGHT LANE CLOSURE THROUGH VICINITY OF EXIT RAMP									
	SIGNATURE: <i>Robert L. Watson</i> DATE: 12/30/09	SCALE: NONE DATE: DEC. 2009 DWG. BY: K LW DESIGN BY: BLW 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>								