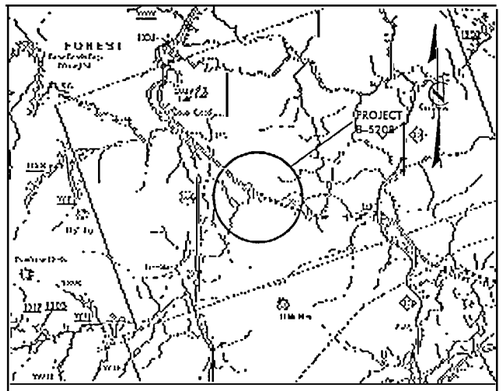
TIP PROJECT: B-5208

CONTRACT: DO00005



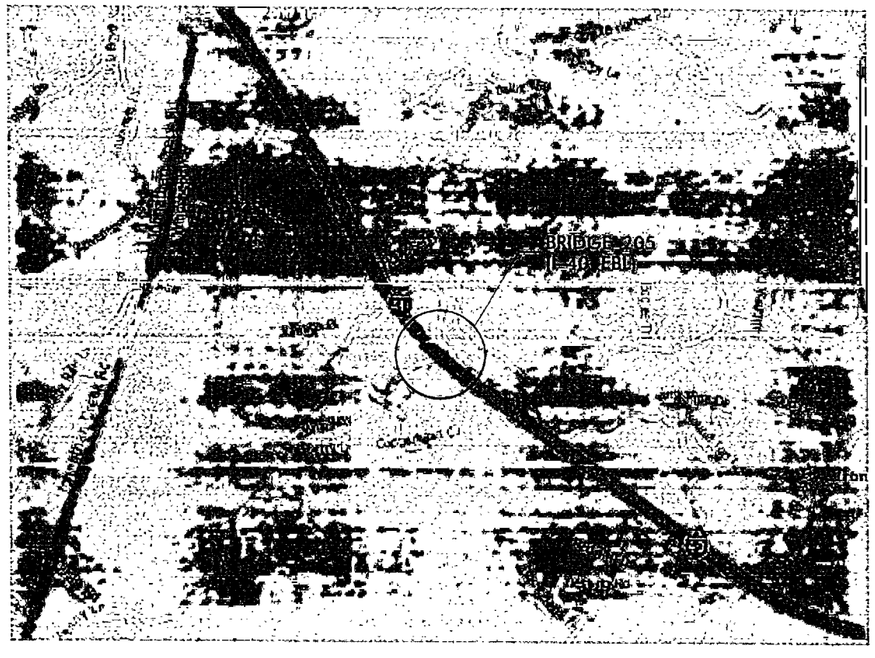
VICINITY MAP

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

HAYWOOD COUNTY

LOCATION: BRIDGE 205, I-40 EBL OVER SR 1364, 1.5 MILES EAST OF JUNCTION I-40 AND US 276.

TYPE OF WORK: BRIDGE DECK PRESERVATION



STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-5208	1	

WBS NO.	F.A. PROJ NO.	DESCRIPTION
45306.1.STI	STM-040-1(211)22	PE
45306.3.STI	STM-040-1(211)22	CONST.

TABLE OF CONTENTS

GRAPHIC SCALES

50 25 0 50 100
PLANS

50 25 0 50 100
PROFILE (HORIZONTAL)

10 5 0 10 20
PROFILE (VERTICAL)

PROJECT LENGTH

LENGTH OF ROADWAY T.I.P. PROJECT B-5208	= 0.000 MI.
LENGTH OF STRUCTURE T.I.P. PROJECT B-5208	= 0.030 MI
TOTAL LENGTH OF T.I.P. PROJECT B-5208	= 0.030 MI

PREPARED IN THE OFFICE OF:
Stantec
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801 Jones Franklin Road, Suite 300
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www.stantec.com

FOR THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

2006 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE: N.A.

LETTING DATE: NOV. 12, 2009

JOE KELVINGTON, PE
PROJECT ENGINEER

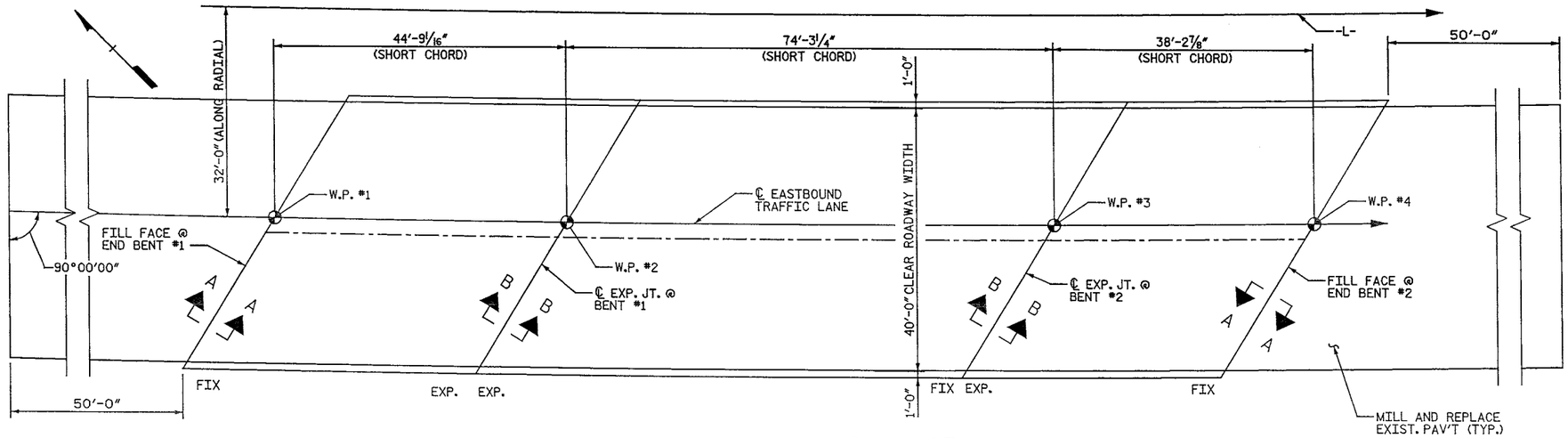
NCDOT CONTACT: MIKE SUMMERS
BRIDGE MANAGEMENT PROJECT MANAGER

NORTH CAROLINA PROFESSIONAL SEAL 20203 ENGINEER ERIC B. NELSON, PE
11/5/09

RICK NELSON, PE
DESIGN ENGINEER

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

11/5/2009
U:\structures\B-5208 Haywood 205\Drawing\B-5208_tsh.dgn
$$$$USERNAME$$$$



PLAN OF SPANS

NOTES:

DECK DRAINS SHALL BE SEALED PRIOR TO BEGINNING REPAIR OF BRIDGE DECKS WITH LATEX MODIFIED CONCRETE. 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.

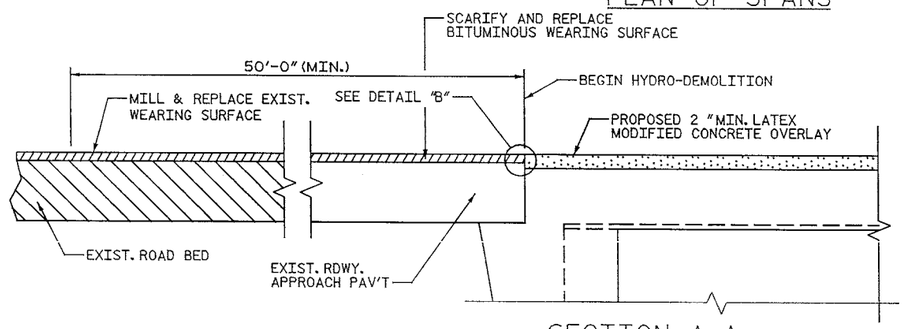
THE BOUNDARIES OF AREAS IDENTIFIED FOR CLASS III SURFACE PREPARATION ARE APPROXIMATE. THE CONTRACTOR SHALL PROVIDE A METHOD OF HANDLING UNEXPECTED BLOW THROUGH OF THE DECK. SEE DETAIL.

LATEX MODIFIED CONCRETE SHALL BE LATEX MODIFIED CONCRETE - VERY EARLY STRENGTH.

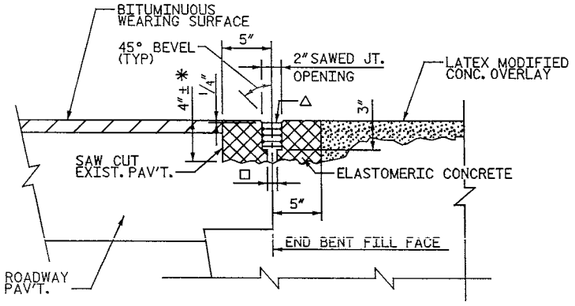
FOR LATEX MODIFIED CONCRETE - VERY EARLY STRENGTH, SEE SPECIAL PROVISIONS.

FOR SECTION B-B, SEE SHEET S-4.

FOR EVAZOTE JOINT SEALS, SEE SPECIAL PROVISIONS.



SECTION A-A

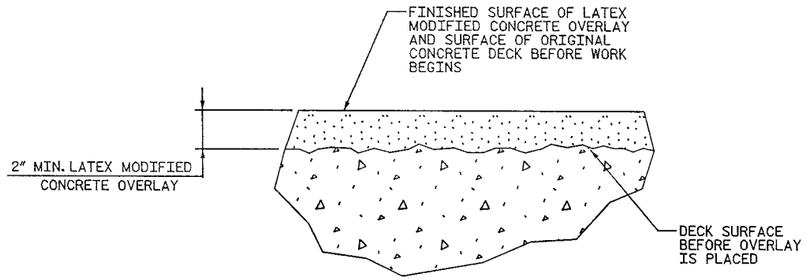


DETAIL "B"

△ USE 2.8125" X 2.50" UNCOMPRESSED SEAL MATERIAL

□ 1" FORMED OPENING CENTERED ABOUT FILL FACE

✱ NOMINAL DIMENSION. REMOVE ALL LOOSE, DETERIORATED MATERIAL, INCLUDING EXISTING SEAL DEVICES AND HARDWARE TO SOUND CONCRETE. PRESERVE AND RETAIN ALL EXPOSED REINFORCING STEEL. ADJUST SAW CUT DEPTH AS REQUIRED TO PREVENT CUTS INTO EXISTING REINFORCING STEEL.



DETAIL FOR LATEX MODIFIED CONCRETE OVERLAY

TOTAL BILL OF MATERIAL

DECK ✱✱ SCARIFICATION	CLASS I ✱ SURFACE PREPARATION	CLASS II ✱ SURFACE PREPARATION	CLASS III ✱ SURFACE PREPARATION	HYDRO-DEMOLITION	CLASS AA ✱ CONCRETE	LATEX MODIFIED CONCRETE	PLACING & FINISHING OF LATEX MODIFIED CONCRETE	EVAZOTE JOINT SEAL	GROOVING BRIDGE FLOORS	ASHPHALT CONC. SURF. COURSE TYPE S9.5B
SQ.YDS.	SQ.YDS.	SQ.YDS.	SQ.YDS.	SQ.YDS.	CU.YDS.	CU.YDS.	SQ.YDS.	LUMP SUM	SQ.FT.	TON
1042.0	570.3	101.4	27.4	700.0	2.8	58.1	699.2	LUMP SUM	5412	31

✱ QUANTITIES ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY. IF ANY CLASS III LOCATIONS ARE ENCOUNTERED PRIOR TO OR DURING HYDRO-DEMOLITION, SEE "TYP. "BLOW THRU" CONTAINMENT AND FORMWORK" DETAIL.

✱✱ INCLUDES MILLING OF ROADWAY PAVEMENT.

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Fax. 919.851.7084
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DRAWN BY : B. J. ELLIOT DATE : 11-02-09
CHECKED BY : J. T. KELVINGTON DATE : 11-02-09

PROJECT NO. B-5208
HAYWOOD COUNTY
STATION:

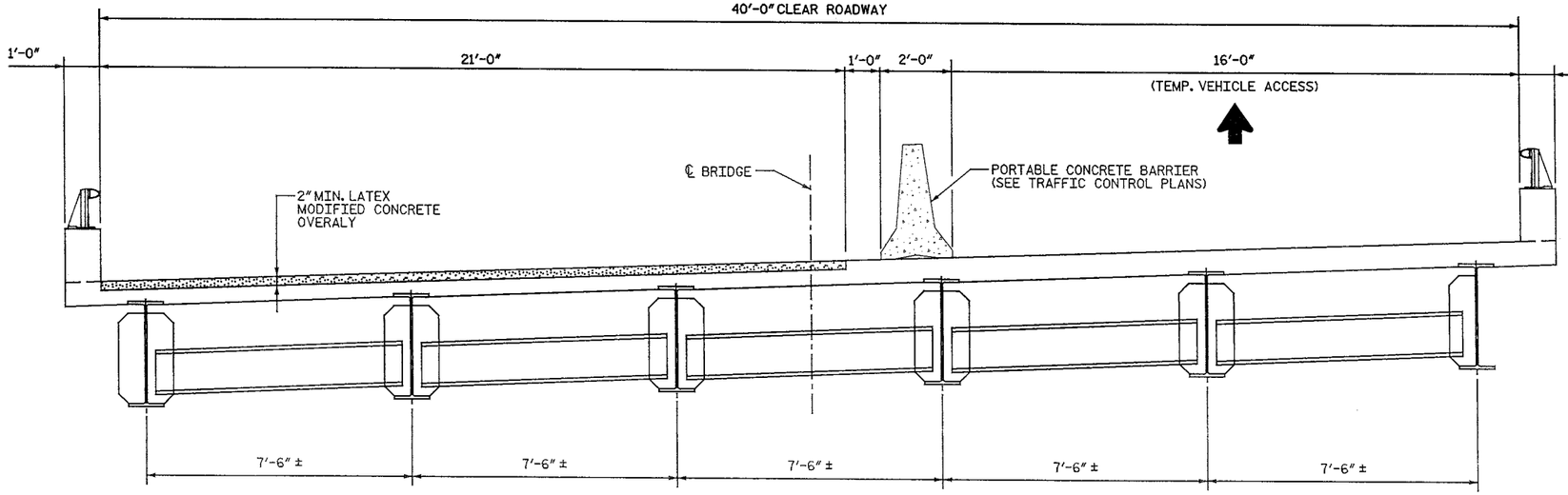
STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

PLAN OF BRIDGE

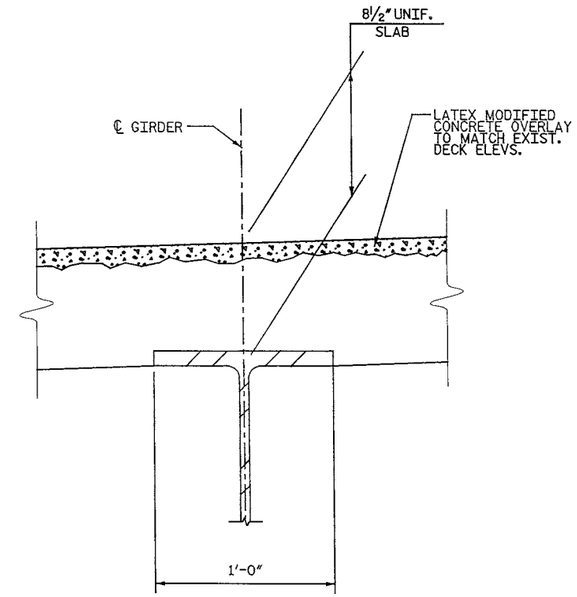
DECK REHAB. FOR BRIDGE NO. 205

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

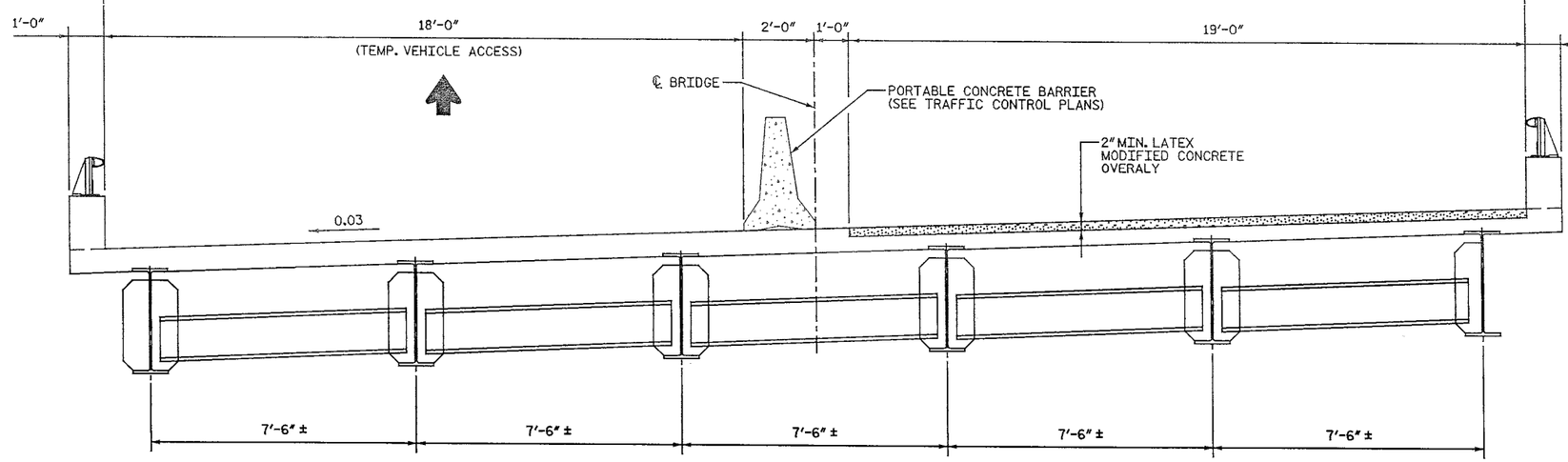
NORTH CAROLINA PROFESSIONAL SEAL 13406 ENGINEER JOSEPH KELVINGTON 11/5/09



TYPICAL SECTION - STAGE I CONSTRUCTION



EXIST. DECK
SLAB DETAIL



TYPICAL SECTION - STAGE II CONSTRUCTION

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CHECKED BY : J. T. KELVINGTON DATE : 11-02-09

PROJECT NO. B-5208
HAYWOOD COUNTY
STATION:

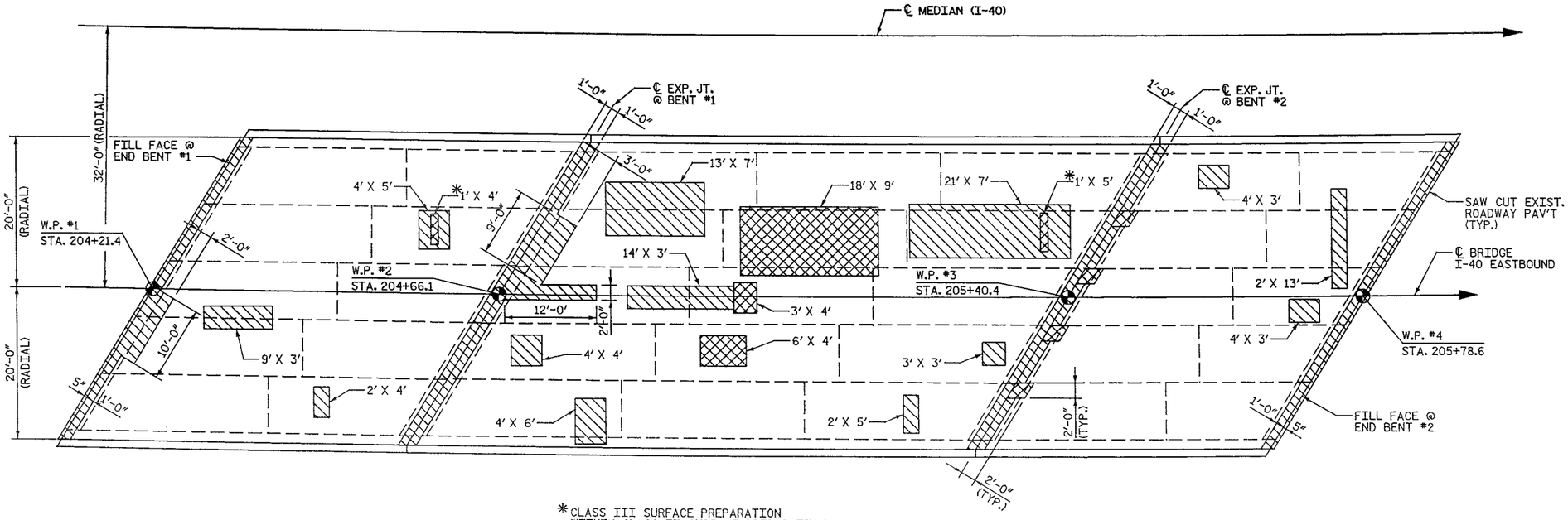
STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

BRIDGE TYPICAL SECTION

DECK REHAB. FOR BRIDGE NO. 205

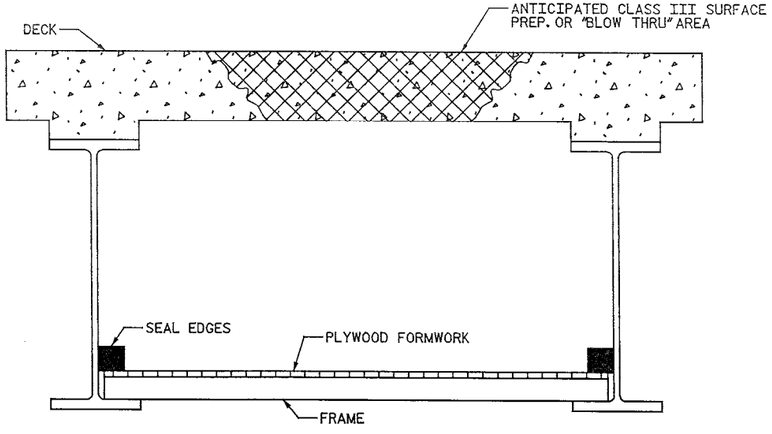
REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-2
1			3			TOTAL SHEETS
2			4			5

SEAL 13406 ENGINEER JOSEPH T. KELVINGTON PROFESSIONAL 11/5/09



*CLASS III SURFACE PREPARATION WITHIN CLASS II SURFACE PREPARATION

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 INSTALL IN AREAS INDICATED AS CLASS III SURFACE PREPARATION.

SUBMIT DETAILS OF PROPOSED FORMWORK FOR APPROVAL PRIOR TO BEGINNING WORK.

COSTS FOR INSTALLING AND REMOVING FORMWORK SHALL BE INCIDENTAL TO THE PRICE PER SQ. YARD OF HYDRO-DEMOLITION.

CONTRACTOR, AT HIS OPTION, MAY CHOOSE TO MONITOR HYDRO-DEMOLITION WORK AND CONTROL TRAFFIC UNDER THE BRIDGE IN LIEU OF BLOW THRU CONTAINMENT. SEE TRAFFIC CONTROL PLANS.

CLASS II SURFACE PREPARATION

CLASS III SURFACE PREPARATION

L' X W' = LENGTH OF AREA ALONG ℄ BRIDGE X WIDTH OF AREA NORMAL TO ℄ BRIDGE

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DRAWN BY : B. J. ELLIOT DATE : 11-02-09
CHECKED BY : J. T. KELVINGTON DATE : 11-02-09

PROJECT NO. B-5208
HAYWOOD COUNTY
STATION:

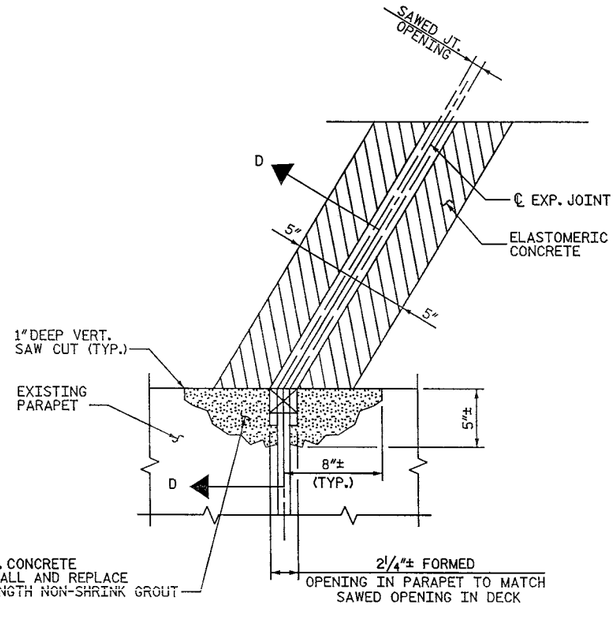
STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

DECK REPAIR DETAILS

DECK REHAB. FOR BRIDGE NO. 205

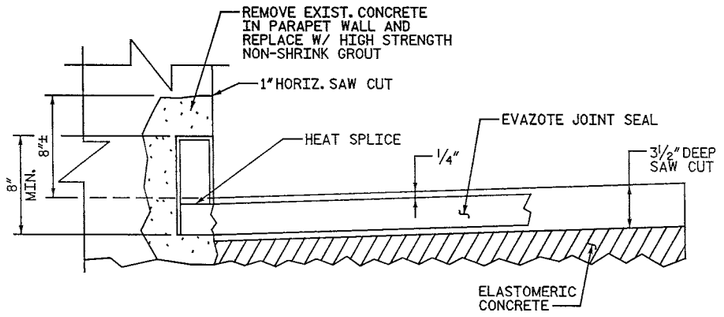
REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-3
1			3			TOTAL SHEETS
2			4			5

NORTH CAROLINA PROFESSIONAL SEAL 13406 ENGINEER JOSEPH T. KELVINGTON



PARTIAL PLAN @ JOINT

PARAPET @ O.S. SHLDR SHOWN, PARAPET @ MEDIAN SHLDR SIMILAR



SECTION D-D

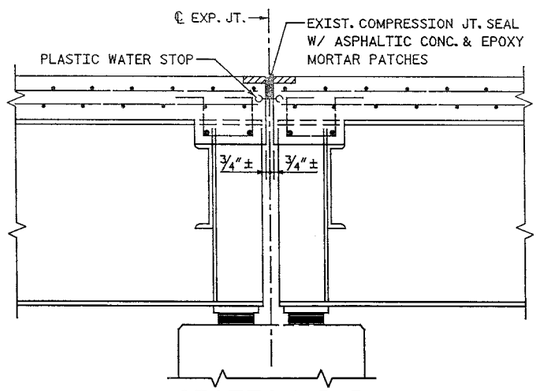
CONTRACTOR SHALL EXERCISE CARE TO AVOID CUTTING OR DAMAGING EXISTING REINF. STEEL.

FOR HIGH STRENGTH GROUT, SEE SPECIAL PROVISIONS.

HIGHT STRENGTH GROUT SHALL BE APPROVED BY THE ENGINEER.

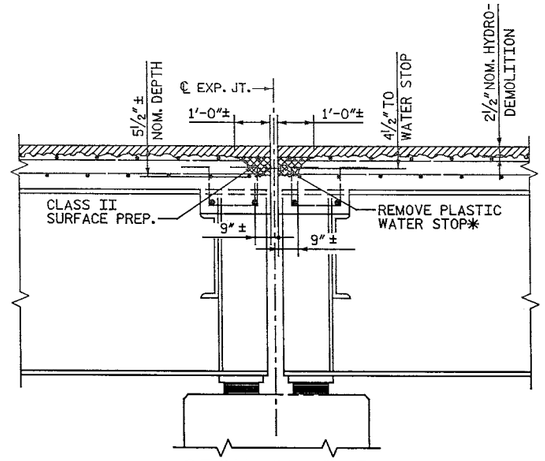
ELASTOMERIC CONCRETE	
LOCATION	QTY
END BENT 1	11.6 C.F.
BENT 1	15.9 C.F.
BENT 2	15.9 C.F.
END BENT 2	11.6 C.F.

TOTAL ELASTOMERIC CONC. = 55.0 C.F.
TOTAL ELASTOMERIC CONC. = 2.0 C.Y.



SECTION B-B

(EXISTING JOINT)

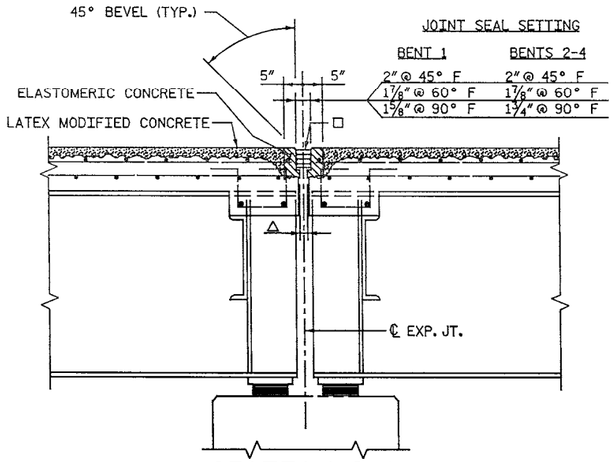


SECTION B-B

(MINIMUM EXISTING JOINT DEMOLITION)

NOTE: RETAIN ALL EXIST. REINF. STEEL. CLEAN AND REPAIR AS REQ'D

* REMOVE EXIST. COMP. JT. SEAL MAT'L. IN ADDITION TO ALL EPOXY MORTAR AND ASPHALT CONCRETE PATCH MATERIALS



SECTION B-B

(JOINT SEAL DESIGN)

□ USE 2.8125" X 2.50" UNCOMPRESSED EVAZOTE JT. SEAL MATERIAL

△ 1" FORMED OPENING

PROJECT NO. B-5208

HAYWOOD COUNTY

STATION:

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

EXPANSION JOINT DETAILS

DECK REHAB. FOR BRIDGE NO. 205

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

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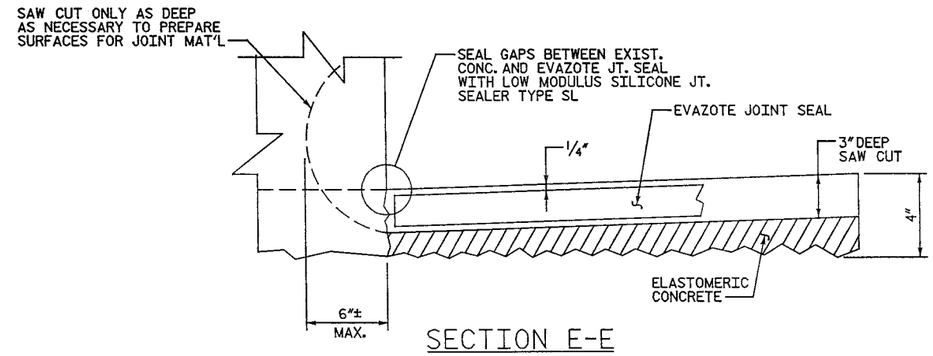
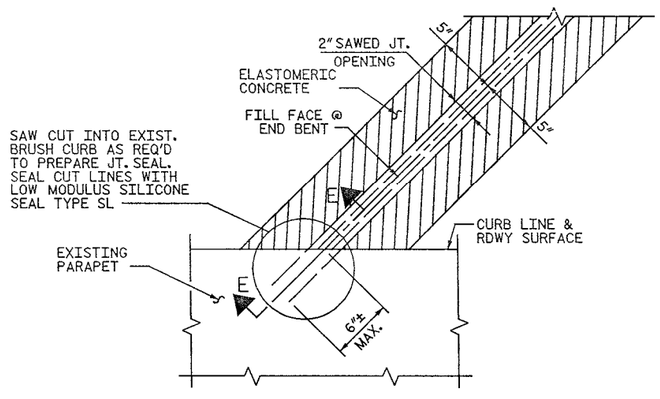
DRAWN BY : B. J. ELLIOT DATE : 11-02-09
CHECKED BY : J. T. KELVINGTON DATE : 11-02-09

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 13406 JOSEPH T. KELVINGTON

11/5/2009



SECTION E-E



PARTIAL PLAN @ END BENT #1

(END BENT #2 SIMILAR)

SEE SHT. NO. S-1, DETAIL B, FOR CROSS SECTION THRU JOINT AREA

PROJECT NO. B-5208

HAYWOOD COUNTY

STATION:

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

END BENT JOINT SEAL DETAILS

DECK REHAB. FOR BRIDGE NO. 205

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

NORTH CAROLINA PROFESSIONAL SEAL 13406 ENGINEER J. T. KELVINGTON

11/5/09

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DRAWN BY : J. L. HENNEKES DATE : 11-02-09
CHECKED BY : J. T. KELVINGTON DATE : 11-02-09

WBS 45306.3.STI

TIP NO. B-5208

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

STATE PROJECT REFERENCE NO.	SHEET NO.
B-5208	TCP-1

PLAN FOR PROPOSED TRAFFIC CONTROL, MARKING & DELINEATION

HAYWOOD COUNTY

LOCATION: BRIDGE NO. 205 ON I-40 EBL OVER SR 1364 COLEMAN MOUNTAIN RD.

TYPE OF WORK: TRAFFIC CONTROL FOR BRIDGE DECK PRESERVATION

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
1110.01	STATIONARY WORK ZONE SIGNS
1110.02	PORTABLE WORK ZONE SIGNS
1115.01	FLASHING ARROW PANELS
1130.01	DRUMS
1160.01	TEMPORARY CRASH CUSHION
1165.01	TRUCK MOUNTED IMPACT ATTENUATOR
1170.01	PORTABLE CONCRETE BARRIER
1205.01	PAVEMENT MARKINGS - LINE TYPES & OFFSETS
1205.02	PAVEMENT MARKINGS - 2 LANE & MULTILANE ROADWAYS

INDEX OF SHEETS

LEGEND

GENERAL

- DIRECTION OF TRAFFIC FLOW
- NORTH ARROW
- EXIST. PVMT.
- 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:
DATE: 11/6/09

NORTH CAROLINA PROFESSIONAL SEAL 029449 ENGINEER BETSY L. WATSON

PLAN PREPARED BY:

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BETSY L. WATSON, PE — *TRAFFIC CONTROL ENGINEER*

GEORGE KARAGEORGE — *TRAFFIC CONTROL DESIGNER*

11/6/2009
u:\traffic\trafficcontrol\tcp\b-5208 haywood 205\plan_sheets\B-5208_tcp_psh_01.dgn
GKarageorge

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 OFTHE CONSTRUCTION PROJECT EXCEPT WHEN OTHERWISE NOTED IN THE PLAN OR DIRECTED BY THE ENGINEER.

A) INTERSTATE 40 IS CLOSED TO PUBLIC THROUGH TRAFFIC DUE TO ROCK SLIDE INCIDENT NEAR THE TENNESSEE BORDER. I-40 WESTBOUND IS CLOSED AT US 276 WHERE ALL TRAFFIC MUST EXIT. CONSTRUCTION VEHICLES WILL BE USING I-40 TO ACCESS THE ROCK SLIDE AREA FOR CLEAN-UP. IN ADDITION, LOCAL TRAFFIC WILL ALSO BE USING I-40 FOR ACCESS TO EXITS 15 AND 7. REFER TO PROJECT B-5207 (BRIDGE #124) FOR REFERENCE TO HOW TRAFFIC WILL BE MAINTAINED IN THE CLOSED SECTION OF I-40.

B) THIS PROJECT IS LET TO CONTRACT SIMULTANEOUSLY WITH OTHER PROJECTS IN THE AREA WHILE I-40 IS CLOSED TO PUBLIC THROUGH TRAFFIC.

C) COORDINATE WITH THE CONTRACTOR(S) OF THE OTHER ONGOING BRIDGE PRESERVATION PROJECTS AND THE CONTRACTOR OF THE ROCK SLIDE CLEAN-UP.

LANE AND SHOULDER CLOSURE REQUIREMENTS

D) REMOVE LANE CLOSURE DEVICES FROM THE LANE WHEN WORK IS NOT BEING PERFORMED BEHIND THE LANE CLOSURE OR WHEN A LANE CLOSURE IS NO LONGER NEEDED OR AS DIRECTED BY THE ENGINEER.

E) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING WITHIN 15 FT OF AN OPEN TRAVEL LANE, CLOSE THE NEAREST OPEN SHOULDER USING ROADWAY STANDARD DRAWING NO. 1101.04 UNLESS THE WORK AREA IS PROTECTED BY BARRIER OR GUARDRAIL OR A LANE CLOSURE IS INSTALLED.

F) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING ON THE SHOULDER ADJACENT TO AN UNDIVIDED FACILITY AND WITHIN 5 FT OF AN OPEN TRAVEL LANE, CLOSE THE NEAREST OPEN TRAVEL LANE USING ROADWAY STANDARD DRAWING NO. 1101.02 UNLESS THE WORK AREA IS PROTECTED BY BARRIER OR GUARDRAIL.

WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING ON THE SHOULDER ADJACENT TO A DIVIDED FACILITY AND WITHIN 10 FT OF AN OPEN TRAVEL LANE, CLOSE THE NEAREST OPEN TRAVEL LANE USING ROADWAY STANDARD DRAWING NO. 1101.02 UNLESS THE WORK AREA IS PROTECTED BY BARRIER OR GUARDRAIL.

G) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING WITHIN A LANE OF TRAVEL OF AN UNDIVIDED OR DIVIDED FACILITY, CLOSE THE LANE ACCORDING TO THE TRAFFIC CONTROL PLANS, ROADWAY STANDARD DRAWINGS, OR AS DIRECTED BY THE ENGINEER. CONDUCT THE WORK SO THAT ALL PERSONNEL AND/OR EQUIPMENT REMAIN WITHIN THE CLOSED TRAVEL LANE.

TRAFFIC BARRIER

H) INSTALL TEMPORARY BARRIER ACCORDING TO THE TRAFFIC CONTROL PLANS A MAXIMUM OF TWO (2) WEEKS PRIOR TO BEGINNING WORK IN ANY LOCATION. ONCE TEMPORARY BARRIER IS INSTALLED AT ANY LOCATION PROCEED IN A CONTINUOUS MANNER TO COMPLETE THE PROPOSED WORK IN THAT LOCATION UNLESS OTHERWISE STATED IN THE TRAFFIC CONTROL PLANS OR AS DIRECTED BY THE ENGINEER.

DO NOT PLACE BARRIER DIRECTLY ON ANY SURFACE OTHER THAN ASPHALT OR CONCRETE.

ONCE TEMPORARY BARRIER IS INSTALLED AT ANY LOCATION AND NO WORK IS PERFORMED BEHIND THE TEMPORARY BARRIER FOR A PERIOD LONGER THAN TWO (2) MONTHS, REMOVE/RESET TEMPORARY BARRIER AT NO COST TO THE DEPARTMENT UNLESS OTHERWISE STATED IN THE TRAFFIC CONTROL PLANS, TEMPORARY BARRIER IS PROTECTING A HAZARD, OR AS DIRECTED BY THE ENGINEER.

INSTALL TEMPORARY BARRIER WITH THE TRAFFIC FLOW BEGINNING WITH THE UPSTREAM SIDE OF TRAFFIC. REMOVE TEMPORARY BARRIER AGAINST THE TRAFFIC FLOW BEGINNING WITH THE DOWNSTREAM SIDE OF TRAFFIC.

INSTALL AND SPACE DRUMS NO GREATER THAN TWICE THE POSTED SPEED LIMIT (MPH) TO CLOSE OR KEEP THE SECTION OF THE ROADWAY CLOSED UNTIL THE TEMPORARY BARRIER CAN BE PLACED OR AFTER THE TEMPORARY BARRIER IS REMOVED.
PROTECT THE APPROACH END OF PORTABLE CONCRETE BARRIER AT ALL TIMES DURING THE INSTALLATION AND REMOVAL OF THE BARRIER BY EITHER A TRUCK MOUNTED IMPACT ATTENUATOR (MAXIMUM 72 HOURS) OR A TEMPORARY CRASH CUSHION.

PROTECT THE APPROACH END OF PORTABLE CONCRETE BARRIER FROM ONCOMING TRAFFIC AT ALL TIMES BY A TEMPORARY CRASH CUSHION.

PAVEMENT MARKINGS

I) REPLACE EXISTING MARKINGS ON BRIDGE INITIALLY WITH PAINT. UPON COMPLETION OF ALL CONSTRUCTION OPERATIONS INSTALL POLYUREA PAVEMENT MARKINGS ON COMPLETED BRDIGE DECK.

J) INSTALL TEMPORARY PAVEMENT MARKINGS AS FOLLOWS:

ROAD NAME	MARKING	MARKER
I-40	COLD APPLIED PLASTIC (TYPE 4)	NONE

MISCELLANEOUS

K) ALL DIMENSIONS AND STATIONS IN THE TRAFFIC CONTROL PLAN AND PHASING ARE APPROXIMATE; FIELD ADJUST AS NECESSARY OR AS DIRECTED BY THE ENGINEER.

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

M) COORDINATE WITH THE ENGINEER TO MAKE SURE THAT THE NECESSARY PUBLIC INFORMATION MEASURES HAVE BEEN ADDRESSED.

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SEAL
NORTH CAROLINA PROFESSIONAL SEAL ENGINEER WATSON
11/6/09
SIGNATURE DATE

TRAFFIC CONTROL PLAN

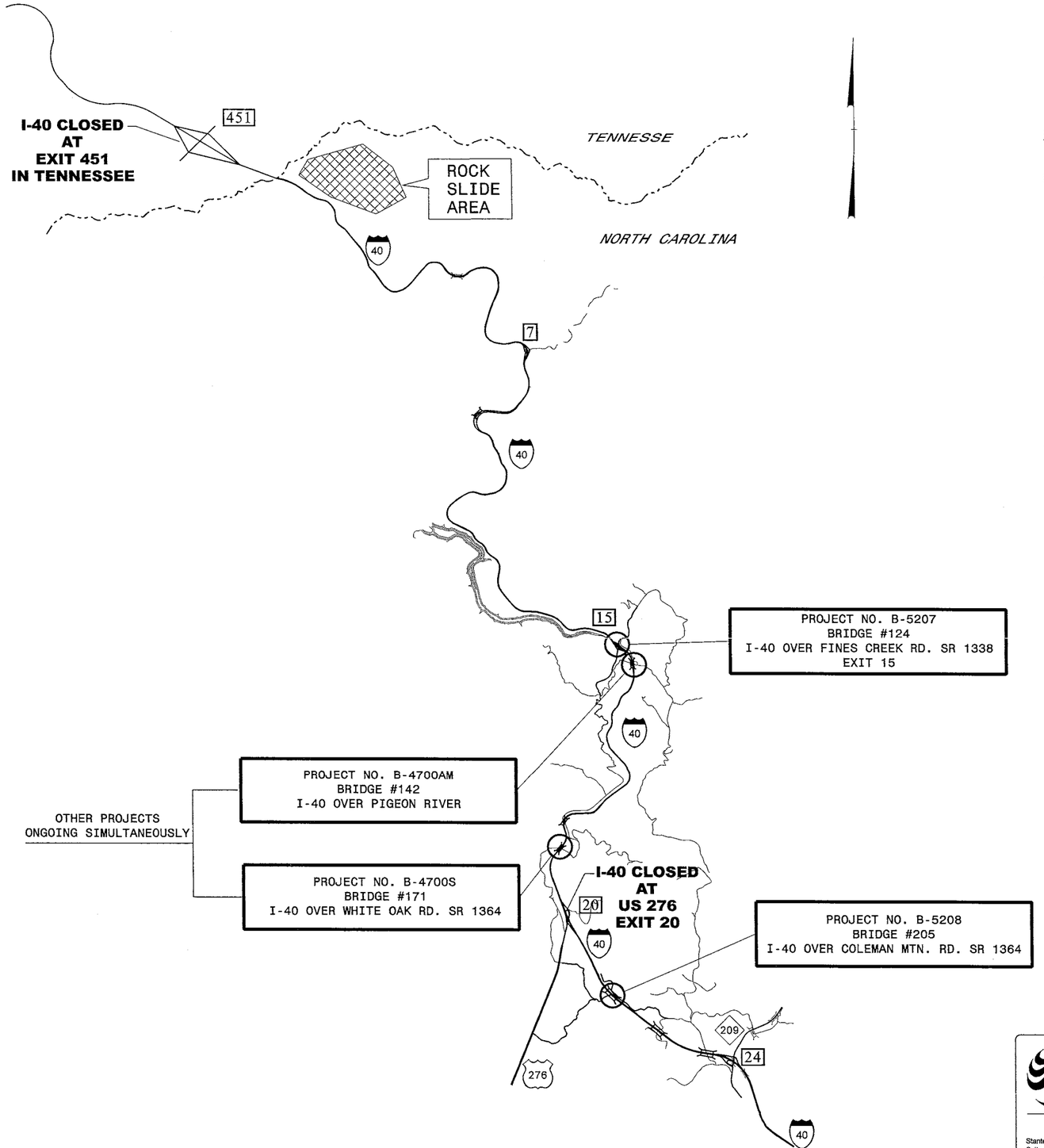
GENERAL NOTES

SCALE: NONE
DATE: OCT. 2009
DWG. BY: GK
DESIGN BY: GK
REVIEWED BY: BLW

REVISIONS

CADD FILE

PROJECT REFERENCE NO.	SHEET NO.
B-5208	TCP-3



TRAFFIC CONTROL PHASING

PHASE I (TCP 4-4C)

STEP 1: CLOSE I-40 EASTBOUND LEFT LANE USING THE TRAFFIC CONTROL DEVICES, PORTABLE CONCRETE BARRIER AND TEMPORARY MARKING AS SHOWN ON SHEET TCP 4-4C.

USE TEMPORARY COLD APPLIED PLASTIC (TYPE 4) TO SHIFT TRAFFIC ONTO THE RIGHT SOULDER.

STEP 2: BEHIND PORTABLE CONCRETE BARRIER CONSTRUCT BRIDGE NO. 205 STAGE 1 DECK PRESERVATION AS SHOWN ON SHEET TCP-4C AND PER STRUCTURE PLANS.

IF NECESSARY AND WHEN DIRECTED BY THE ENGINEER USE A FLAGGER OPERATION ON SR 1364 BELOW THE BRIDGE WORK IN ACCORDANCE WITH RDWY. STD. DWG. 1101.02, SHEET 1.

PHASE II (TCP 5-5A)

STEP 1: RESET PORTABLE CONCRETE BARRIER, REVISE TRAFFIC CONTROL DEVICES AND "WEAVE" TRAFFIC TO THE LEFT LANE AS SHOWN ON SHEET TCP 5-5A. USE A ROLLING ROAD BLOCK PER RDWY. STD. DWG. 1101.03, SHEET 9 OF 9 DURING THE LANE SHIFT.

USE TEMPORARY COLD APPLIED PLASTIC (TYPE 4) TO SHIFT TRAFFIC ONTO THE LEFT SOULDER.

STEP 2: BEHIND PORTABLE CONCRETE BARRIER CONSTRUCT BRIDGE NO. 205 STAGE 2 DECK PRESERVATION AS SHOWN ON SHEET TCP-5A AND PER STRUCTURE PLANS.

IF NECESSARY AND WHEN DIRECTED BY THE ENGINEER USE A FLAGGER OPERATION ON SR 1364 BELOW THE BRIDGE WORK IN ACCORDANCE WITH RDWY. STD. DWG. 1101.02, SHEET 1.

REPLACE EXISTING PAVEMENT MARKINGS ON I-40 WITH PAINT.

STEP 3: UPON COMPLETION OF THE DECK PRESERVATION REMOVE PORTABLE CONCRETE BARRIER AND REPLACE WITH DRUMS.

STEP 4: WHILE MAINTAINING A SINGLE LANE THRU THE BRIDGE AREA PLACE POLYUREA FINAL PAVEMENT MARKINGS. USE THE SHIFT 'WEAVE" TAPER TO SHIFT TRAFFIC TO THE RIGHT AND LEFT LANES AS NECESSARY.

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SEAL

NORTH CAROLINA PROFESSIONAL SEAL 029449 ENGINEER BRADLEY L. WATSON

SIGNATURE DATE 11/6/09

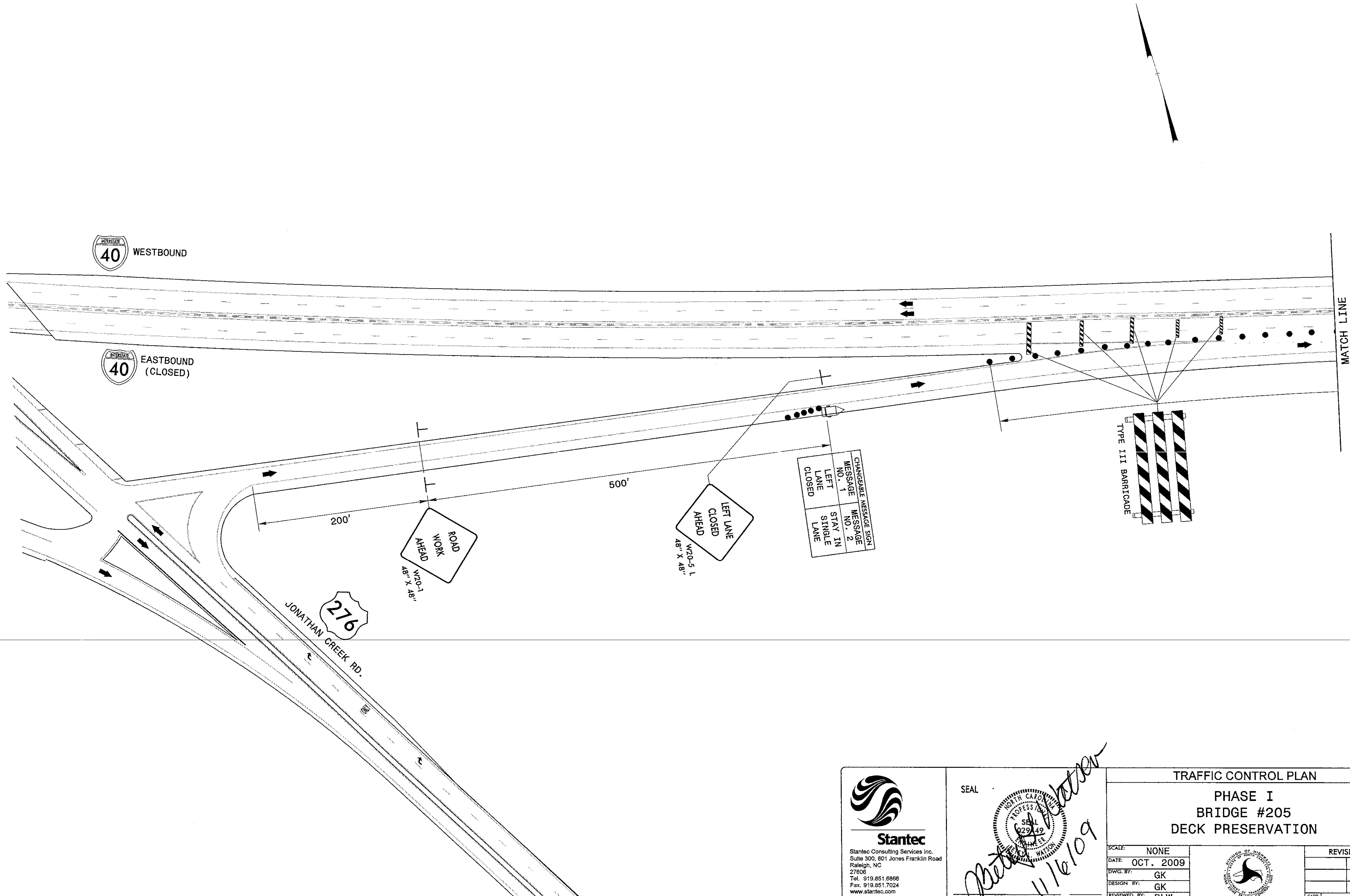
TRAFFIC CONTROL PLAN

TRAFFIC CONTROL PHASING
AREA VICINITY MAP

SCALE:	NONE
DATE:	OCT. 2009
DWG. BY:	GK
DESIGN BY:	GK
REVIEWED BY:	BLW

REVISIONS	
CADD FILE	

PROJECT REFERENCE NO.	SHEET NO.
B-5208	TCP-4



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TRAFFIC CONTROL PLAN

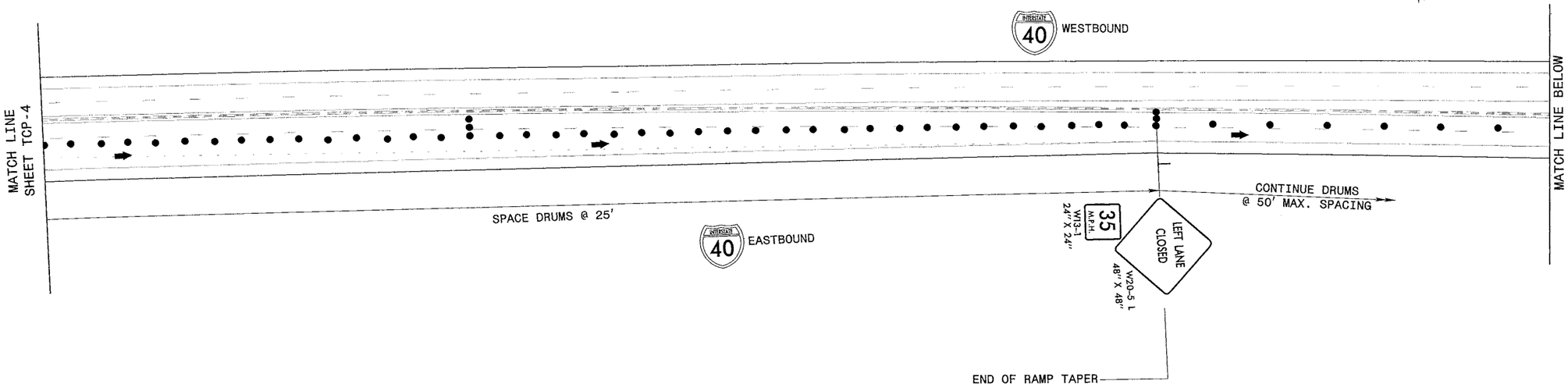
PHASE I
BRIDGE #205
DECK PRESERVATION

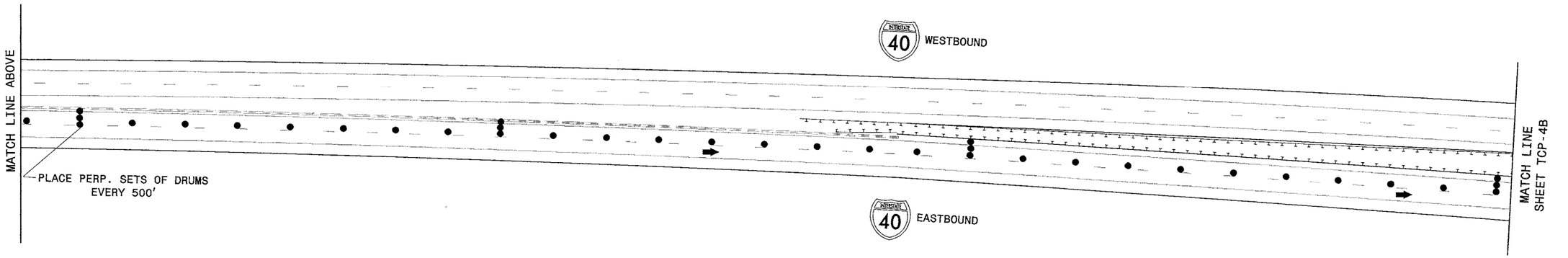
SCALE: NONE
DATE: OCT. 2009
DWG. BY: GK
DESIGN BY: GK
REVIEWED BY: BLW

REVISIONS

11/6/2009
:control\tcp\b-5208 heywood 205\plan sheets\B-5208_tcp_psh_04.dgn
gkeorge

PROJECT REFERENCE NO.	SHEET NO.
B-5208	TCP-4A





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gkorgeorge

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NORTH CAROLINA PROFESSIONAL SEAL 019449 ENGINEER BRADLEY L. WATSON

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11/6/09
DATE

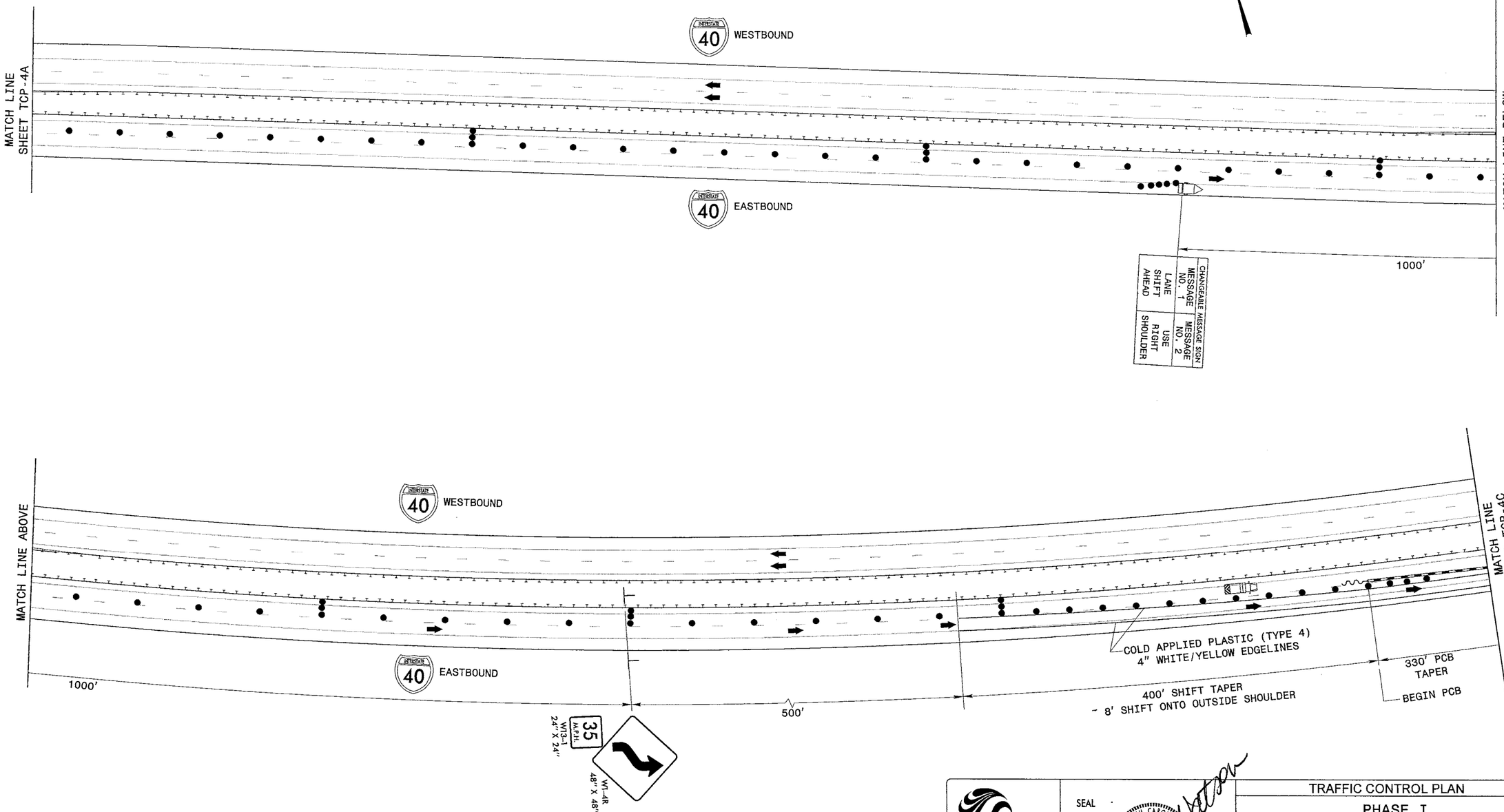
TRAFFIC CONTROL PLAN

PHASE I
BRIDGE #205
DECK PRESERVATION

SCALE:	NONE
DATE:	OCT. 2009
DWG. BY:	GK
DESIGN BY:	GK
REVIEWED BY:	BLW

REVISIONS	
CADD FILE	

PROJECT REFERENCE NO.	SHEET NO.
B-5208	TCP-4B



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gkerr.egeorge

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SEAL

NORTH CAROLINA PROFESSIONAL SEAL 022439 ENGINEER BRADLEY L. WATSON

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11/6/09
DATE

TRAFFIC CONTROL PLAN

PHASE I
BRIDGE #205
DECK PRESERVATION

SCALE:	NONE
DATE:	OCT. 2009
DWG. BY:	GK
DESIGN BY:	GK
REVIEWED BY:	BLW

DIVISION OF HIGHWAYS — STATE OF NORTH CAROLINA — TRAFFIC ENGINEERING BRANCH

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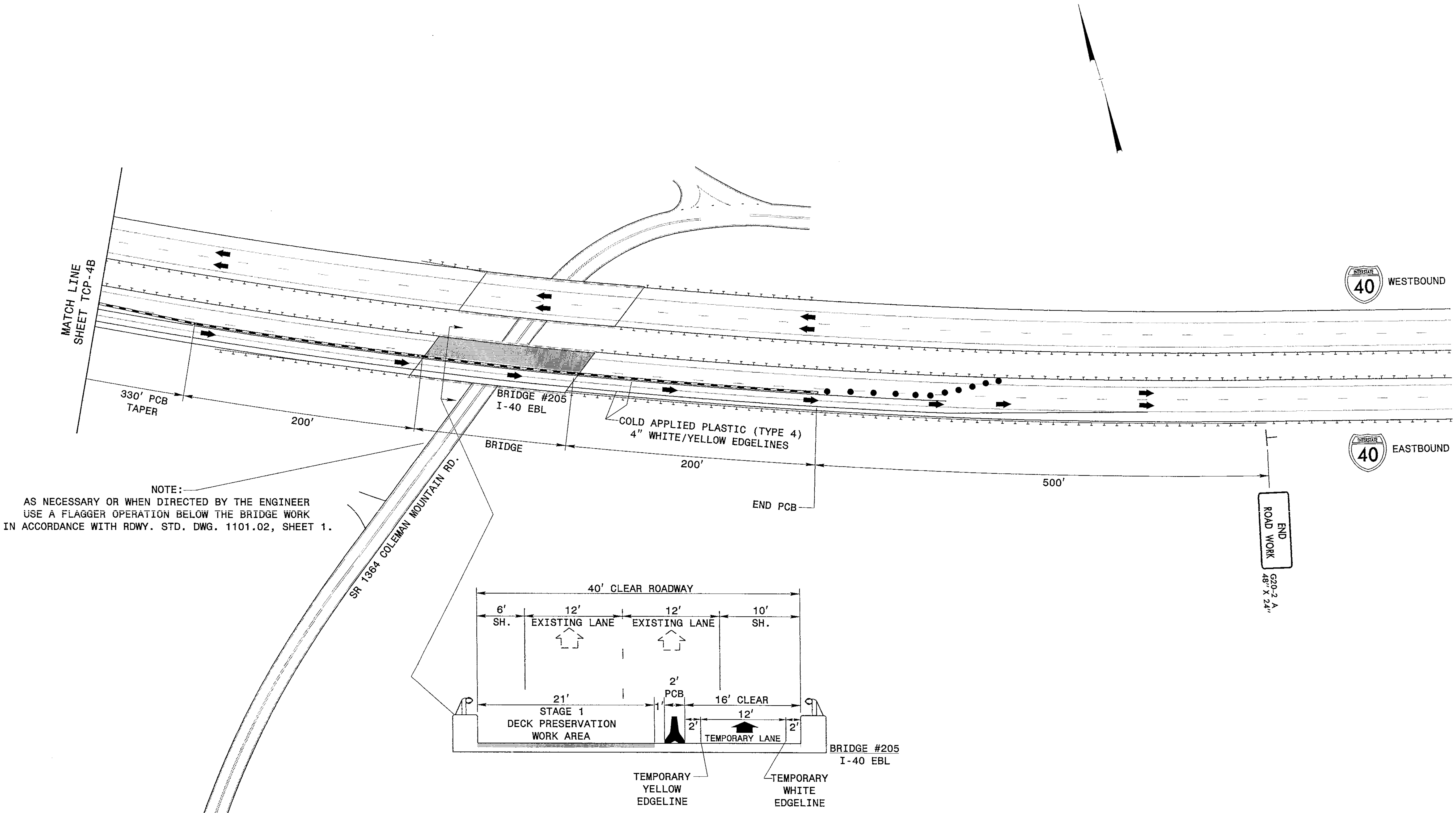
PROJECT REFERENCE NO.	SHEET NO.
B-5208	TCP-4C



PHASE I DECK PRESERVATION
BRIDGE NO. 205

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TRAFFIC CONTROL PLAN

PHASE I
BRIDGE #205
DECK PRESERVATION

SCALE:	NONE
DATE:	OCT. 2009
DWG. BY:	GK
DESIGN BY:	GK
REVIEWED BY:	BLW

REVISIONS

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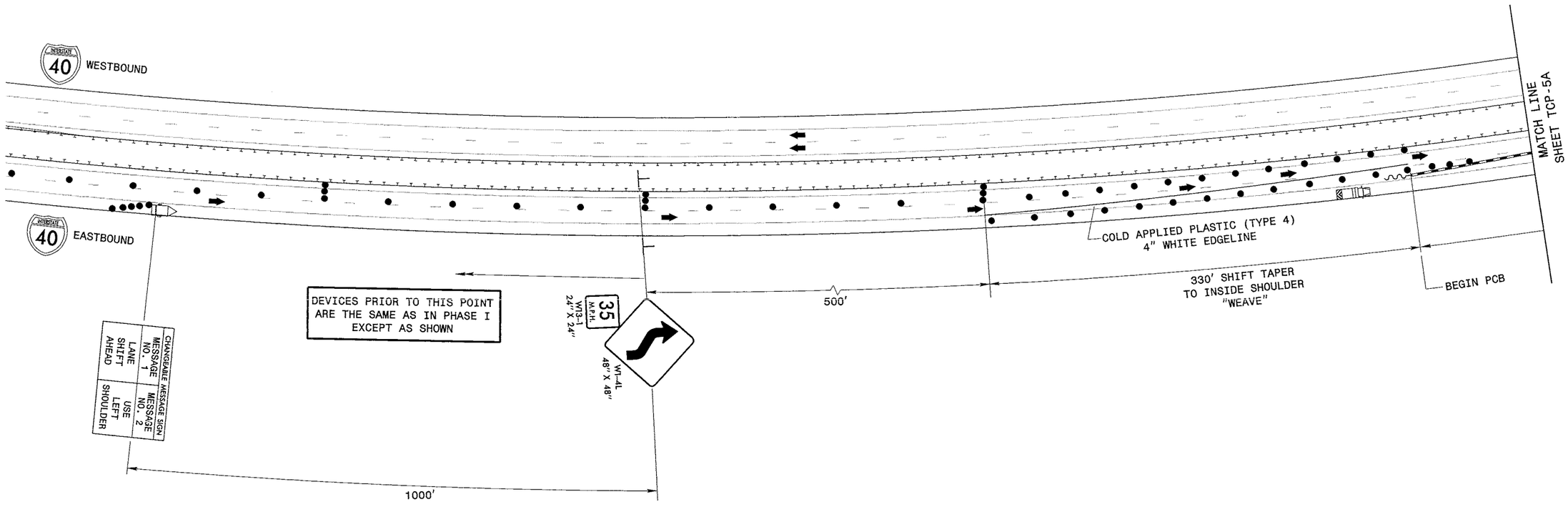
control\tcp\b-5208 haywood 205\plan_sheets\B-5208_tcp_psh_04C.dgn
gkarageorge

PROJECT REFERENCE NO.	SHEET NO.
B-5208	TCP-5



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SEAL

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 029446 BETTY L. WATSON

SIGNATURE

DATE 11/6/09

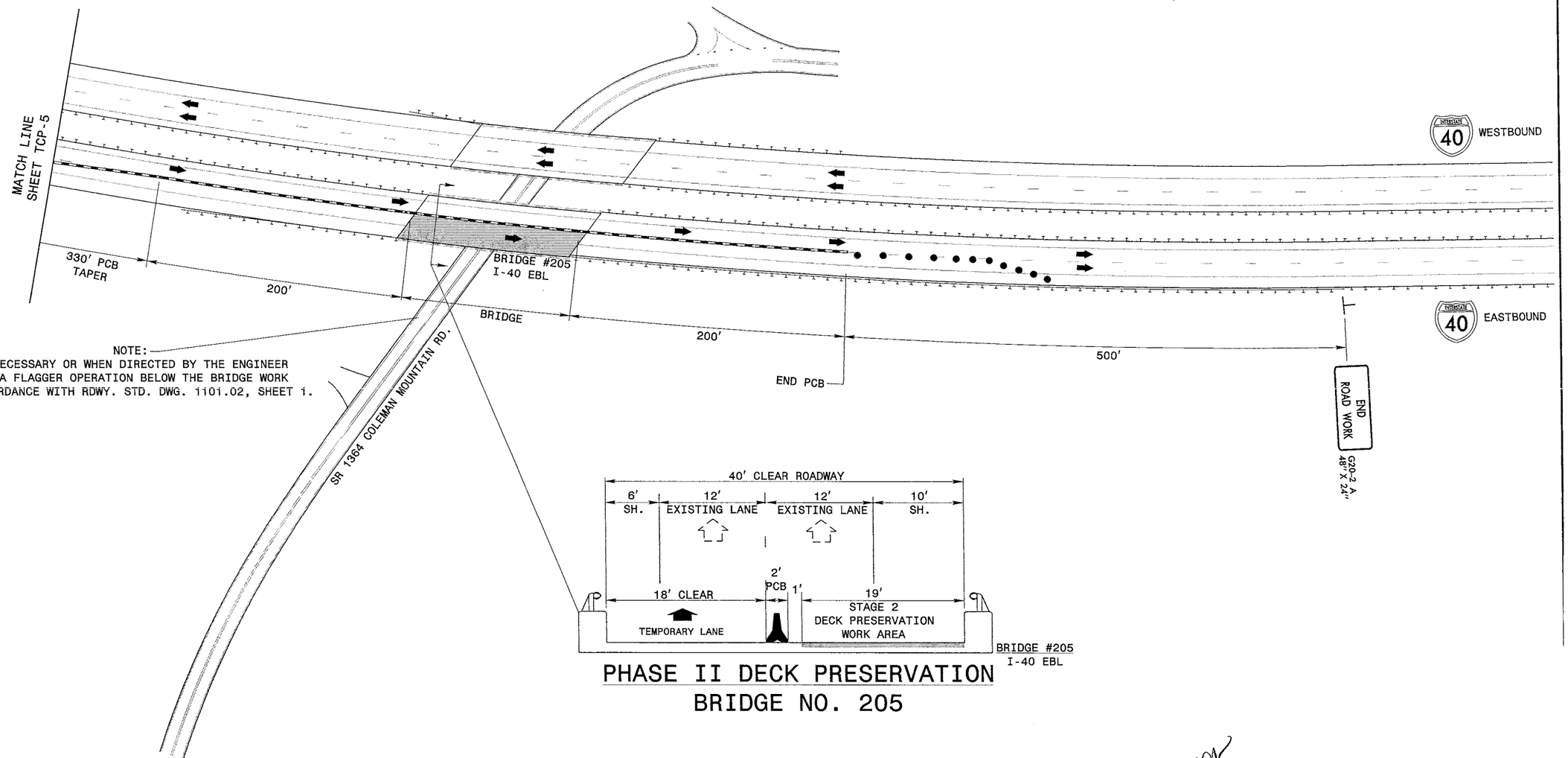
TRAFFIC CONTROL PLAN

PHASE II
BRIDGE #205
DECK PRESERVATION

SCALE:	NONE
DATE:	OCT. 2009
DWG. BY:	GK
DESIGN BY:	GK
REVIEWED BY:	BLW

REVISIONS	
CADD FILE	

PROJECT REFERENCE NO.	SHEET NO.
B-5208	TCP-5A



NOTE:
AS NECESSARY OR WHEN DIRECTED BY THE ENGINEER USE A FLAGGER OPERATION BELOW THE BRIDGE WORK IN ACCORDANCE WITH RDWY. STD. DWG. 1101.02, SHEET 1.

PHASE II DECK PRESERVATION
BRIDGE NO. 205

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SEAL

NORTH CAROLINA PROFESSIONAL SEAL 25499 ENGINEER BRIAN L. WATSON

SIGNATURE

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DATE

TRAFFIC CONTROL PLAN

PHASE II
BRIDGE #205
DECK PRESERVATION

SCALE:	NONE
DATE:	OCT. 2009
DWG. BY:	GK
DESIGN BY:	GK
REVIEWED BY:	BLW

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11/6/2009
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gkrageorge