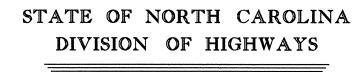
# *S179A* Ä **PROJECT:** TIP C202311

# NORTH BUNCOMBE COUNTY



# BUNCOMBE AND MADISON **COUNTY**

LOCATION: I-26, US 25/70,I-240, ISLAND ROAD, US 19/23 FUTURE I-26, SR-1001, I-40

TYPE OF WORK: BRIDGE DECK PRESERVATION.

STATE PROJECT REFERENCE NO. SHEET TOTAL SHIPTS

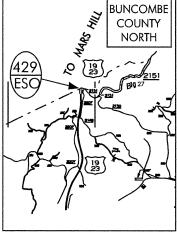
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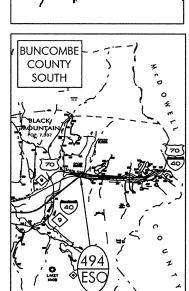
B-5179A

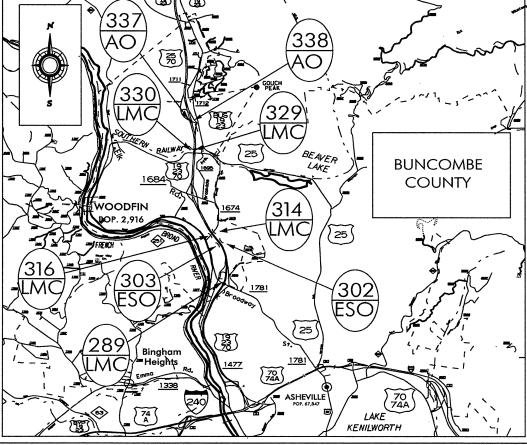
STM-000S (593) STM-000S (593)

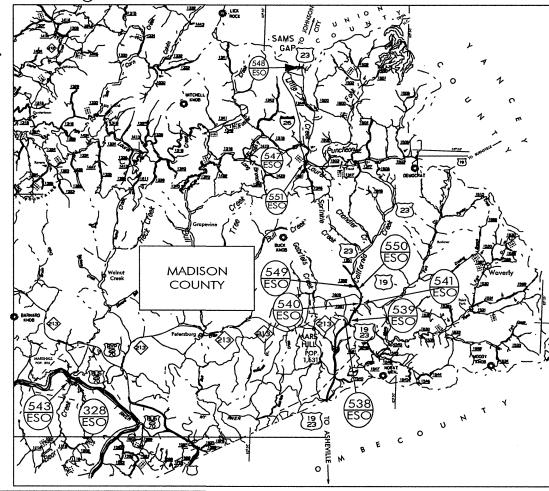
STATE PROJECT NO. F.A.PROJ.NO.

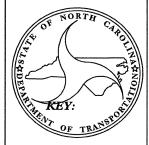
N.C.













# KEY:

LATEX MODIFIED CONCRETE OVERLAY.

EPOXY STONE OVERLAY.

ASPHALT OVERLAY

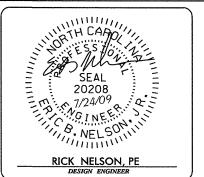
# BRIDGE MANAGEMENT UNIT

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION 2006 STANDARD SPECIFICATIONS

LETTING DATE: SEPT. 15, 2009

DAN HOLDERMAN, PE STATE BRIDGE MANAGEMENT ENGINEER

MIKE SUMMERS



CONTRACT

# PROJECT: B-5179A

# CONTRACT NO: C2023II

STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

# BUNCOMBE AND MADISON COUNTY

LOCATION: I-26, US 25/70,I-240, ISLAND ROAD, US 19/23 FUTURE I-26, SR-1001, I-40

TYPE OF WORK: BRIDGE DECK PRESERVATION.

STATE	STATE I	PROJECT REFERENCE	NO.	SHEET NO.	TOTAL	
N.C. <b>B-5179A</b> 1A						
STATE PE	LOJECT NO.	F. A. PROJ. NO.	П	DESCRIPT	TION	
450662	ST1	STM-000S (593)	PE			
45066.3.ST1		STM-000S (593)	CONSTR			
			<u> </u>			
			<u> </u>			
l			1			

## INDEX OF SHEETS

1

TITLE SHEET

1A

INDEX OF SHEET

2

SUMMARY OF QUANTITIES

S1 THRU S18

STRUCTURE PLANS

TCP-1 THRU TCP-12

TRAFFIC CONTROL PLANS



CAROLINA SANOLLE LEGISLANDING CONTRACTOR CON

Prepared in the Office of:

BRIDGE MANAGEMENT UNIT

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
2006 STANDARD SPECIFICATIONS

LETTING DATE: SEPT. 15, 2009)

DAN HOLDERMAN, PE

STATE BRIDGE

MANAGEMENT ENGINEER

MIKE SUMMERS

BRIDGE MANAGEMENT
PROJECT MANAGER



STME:

E 8

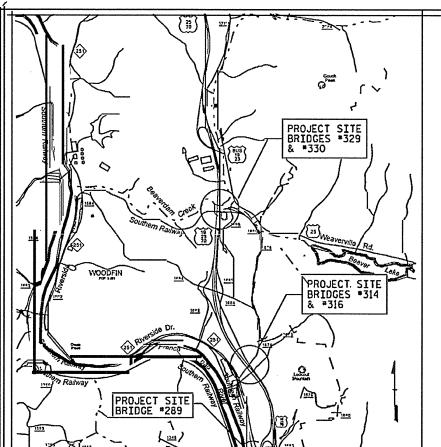
# STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

# SUMMARY OF QUANTITIES

## STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS ROADWAY SUMMARY OF QUANTITIES FOR CONTRACT - C202311

ItemNumber	Sec #	Quantity	Unit	Description
0000100000-N	800	Lump Sum		MOBILIZATION
0043000000-N	226	Lump Sum		GRADING
1297000000-E	607	800	SY	MILLING ASPHALT PAVEMENT, ***" DEPTH (1-1/2")
1491000000-Е	610	4,200	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
1503000000-E	610	1,900	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0C
1523000000-E	610	1,150	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
1525000000-E	610	310	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
1560000000-E	620	291	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
1565000000-E	620	70	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
4400000000-E	1110	975	SF	WORK ZONE SIGNS (STATIONARY)
4405000000-E	1110	700	SF	WORK ZONE SIGNS (PORTABLE)
4410000000-E	1110	20	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
4415000000-N	1115	5	EA	FLASHING ARROW PANELS, TYPE C
4420000000-N	1120	8	EA	CHANGEABLE MESSAGE SIGN
4422000000-N	1120	. 4	DAY	CHANGEABLE MESSAGE SIGN (SHORT TERM)
4430000000-N	1130	1,000	EA	DRUMS
4445000000-E	1145	40	LF	BARRICADES (TYPE III)
4465000000-N	1160	3	EA	TEMPORARY CRASH CUSHIONS
4470000000-N	1160	7	EA	RESET TEMPORARY CRASH CUSHIONS
4480000000-N	1165	2	EA	TMIA
4485000000-E	1170	2,500	LF	PORTABLE CONCRETE BARRIER
4500000000-E	1170	6,100	LF	RESET PORTABLE CONCRETE BAR- RIER
4510000000-N	SP	40	HR	LAW ENFORCEMENT
4516000000-N	1180	50	EA	SKINNY DRUM

ItemNumber	Sec #	Quantity	Unit	Description
4770000000-E	1205	54,000	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)
4847000000-E	1205	49,000	LF	POLYUREA PAVEMENT MARKING LINES (4", **********) (STANDARD GLASS BEADS)
4850000000-E	1205	2,000	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
6000000000-E	1605	15,760	LF	TEMPORARY SILT FENCE
6084000000-E	1660	1	ACR	SEEDING & MULCHING
8161000000-E	420	61,340	SF	GROOVING BRIDGE FLOORS
8692000000-N	SP	Lump Sum		EVAZOTE JOINT SEALS
8881000000-E	SP	727	CY	GENERIC STRUCTURE ITEM LATEX MODIFIED CONC OVERLAY VERY EARLY STRENGTH
8892000000-E	SP	900	SF	GENERIC STRUCTURE ITEM CLASS II CONC DECK REPAIR FOR EPOXY/ASPHALT OVERLAY
8892000000-E	SP	267,351	SF	GENERIC STRUCTURE ITEM PLACEMENT OF EPOXY OVERLAY
8893000000-E	SP	633	SY	GENERIC STRUCTURE ITEM CLASS IA SURFACE PREPARATION
8893000000-E	. SP	2,960	SY	GENERIC STRUCTURE ITEM CLASS IB SURFACE PREPARATION
8893000000-E	SP	7,345	SY	GENERIC STRUCTURE ITEM HYDRODEMOLITION OF BRIDGE DECK
8893000000-E	SP	7,345	SY	GENERIC STRUCTURE ITEM PLACING AND FINISHING OF LATEX MODIFIED CONCRETE - VERY EARLY STR
8893000000-E	SP	8,190	SY	GENERIC STRUCTURE ITEM SCARIFYING BRIDGE DECK



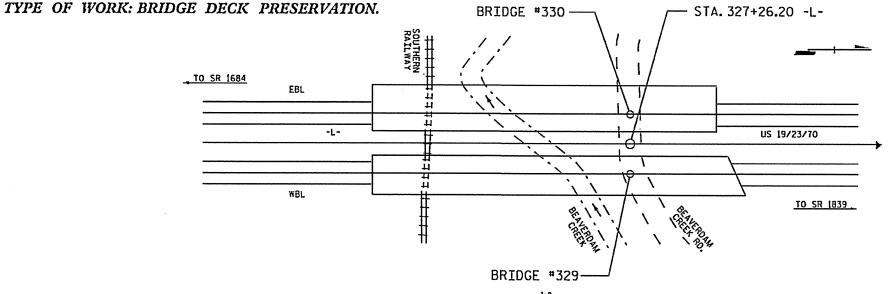
VICINITY MAP

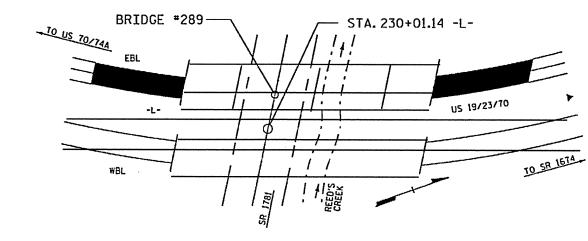
# STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

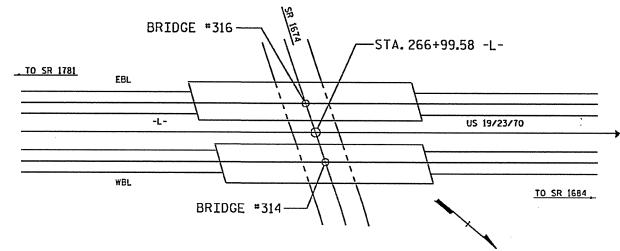
# BUNCOMBE COUNTY

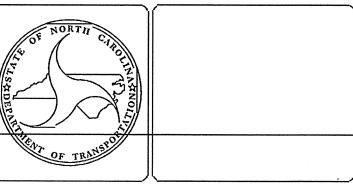
N.C. B-5179A KA Post Ma STATE FINAL HO. **DESCRIPTION** 45066.3.STI STM-000S(593) 45066.3.STI STM-0005(593) CONST.

LOCATION: BRIDGE #289 OVER SR 1781 (BROADWAY ST.) . & REED'S CREEK ON I-26/US 19/23/70, BRIDGE #314 & BRIDGE #316 OVER SR 1674 (OLD BURNSVILLE RD.) ON I-26/US 19/23/70 AND BRIDGE #329 & BRIDGE #330 OVER SOUTHERN R.R. & BEAVERDAM CREEK ON I-26/US 19/23/70.









# PROJECT LENGTH

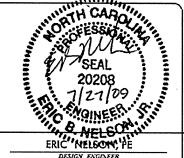
LENGTH ROADWAY PROJECT = 0.038 MILE LENGTH STRUCTURE PROJECT = 0.172 MILE TOTAL LENGTH PROJECT = 0.210 MILE

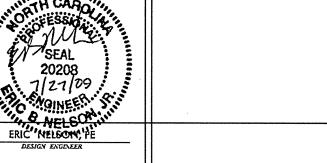
LETTING DATE: DAN HOLDERMAN, PE SEPT. 15, 2009 PROJECT ENGINEER

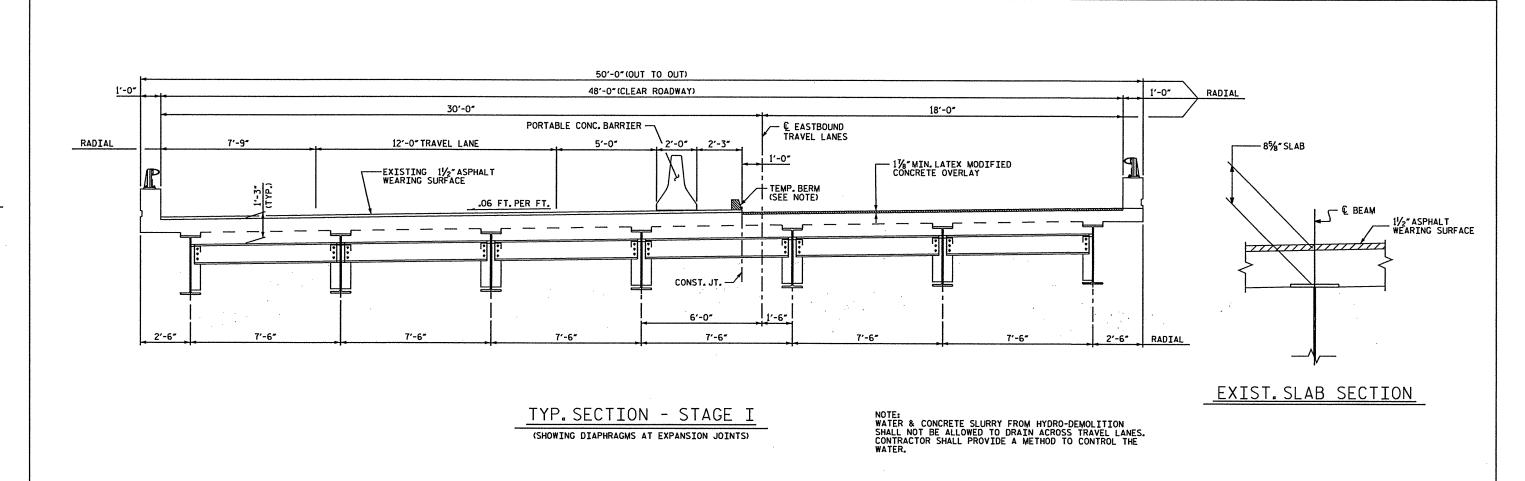
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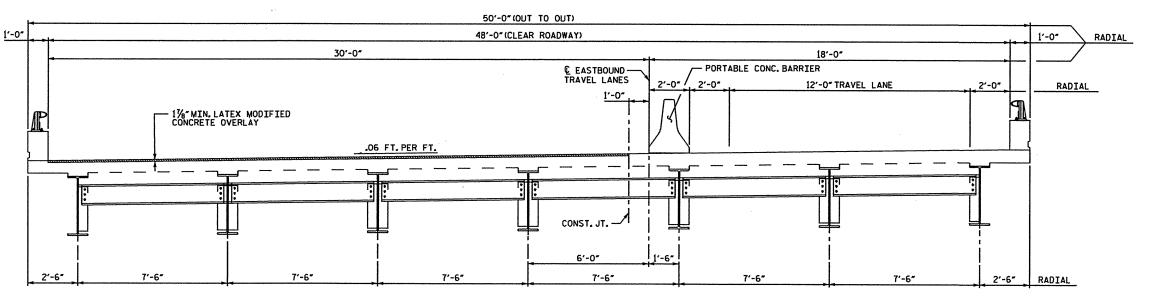
DIVISION OF BRIDGE MANAGEMENT NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

2006 STANDARD SPECIFICATIONS









PROJECT NO. B-5179A
BUNCOMBE COUNTY
STATION: 230+01.14 -L-

STATE OF HORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

TYPICAL SECTION

DECK REHAB. FOR BRIDGE NO. 289

REVISIONS SHEET NO.

NO. BY2 DATE: NO. BY2 DATE: S-1

1 3 51

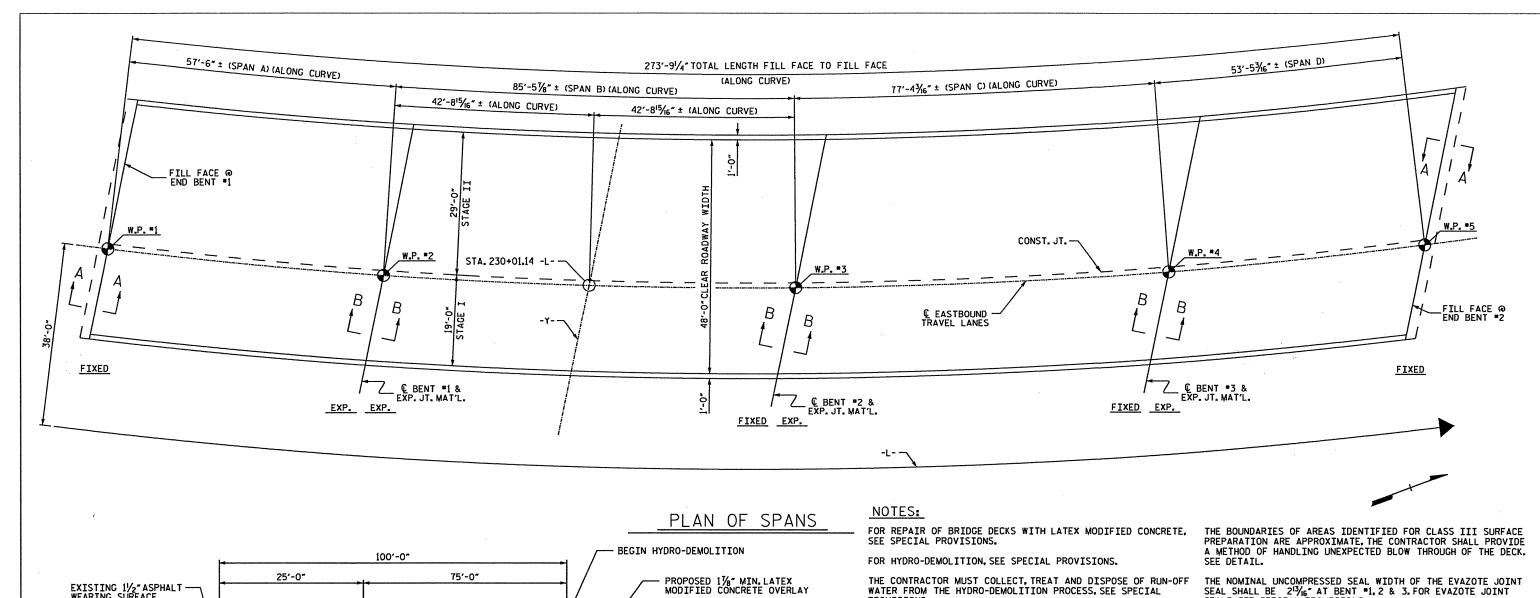
2 4 4 18

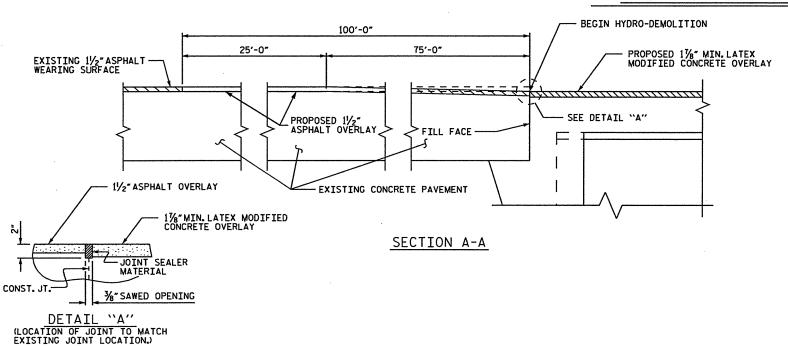
TYP. SECTION - STAGE II

(SHOWING DIAPHRAGMS AT EXPANSION JOINTS)

DRAWN BY: M.A. ALLEN DATE: 04-09
CHECKED BY: B.C. HANKS DATE: 04-09

+





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

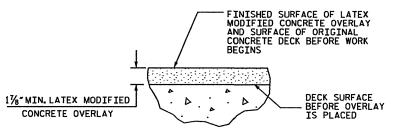
THE CONSTRUCTION JOINTS IN THE DECK SHALL BE SAWED NO MORE THAN 3 HOURS AFTER THE LATEX MODIFIED OVERLAY IS CAST. THE JOINT SHALL BE CLEANED OF ALL DEBRIS BEFORE THE SEALANT IS APPLIED. THE JOINT SEALER MATERIAL SHALL CONFORM TO THE REOUIREMENTS OF TYPE SL LOW MODULUS SILICONE SEALANT.

THE NOMINAL UNCOMPRESSED SEAL WIDTH OF THE EVAZOTE JOINT SEAL SHALL BE  $2^{13}\!\!/_6$ ° AT BENT \*1, 2 & 3. FOR EVAZOTE JOINT SEALS, SEE SPECIAL PROVISIONS.

FOR ELASTOMERIC CONCRETE, SEE SPECIAL PROVISIONS.

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

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



DETAIL FOR LATEX MODIFIED CONCRETE OVERLAY

	TOTAL BILL OF MATERIAL										
DECK SCARIFICATION	CLASS IA SURFACE PREPARATION	CLASS I* SURFACE PREPARATION	CLASS II* SURFACE PREPARATION	*** CLASS III SURFACE PREPARATION	HYDRO- DEMOLITION	CLASS AA* CONCRETE	LATEX MODIFIED CONCRETE	EVAZOTE JOINT SEAL	GROOVING BRIDGE FLOORS	PAVEMENT MARKINGS (POLYUREA)	ASPHALT CONCRETE SURFACE COURSE TYPE
SO. YDS.	SO. YDS.	SO. YDS.	SO. YDS.	SO. YDS.	SO. YDS.	CU. YDS.	CU. YDS.	LUMP SUM	SO.FT.	LIN. FEET	SO. YD.
2310 * *	633	1345	120	0	1465	0	142	LUMP SUM	12320	690	845

DRAWN BY : M.A. ALLEN DATE : 4-09
CHECKED BY : B.C. HANKS DATE : 4-09

\* OUANTITIES ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY. \*\*\* \*\* INCLUDES APPROACH ROADWAY MILLING.

NO LOCATIONS ARE ANTICIPATED. IF ANY LOCATIONS ARE ENCOUNTERED PRIOR TO OR DURING HYDRO-DEMOLITION, SEE "TYP. "BLOW THRU" CONTAINMENT AND FORMWORK" DETAIL.

PROJECT NO. B-5179A BUNCOMBE COUNTY STATION: 230+01.14 -L-

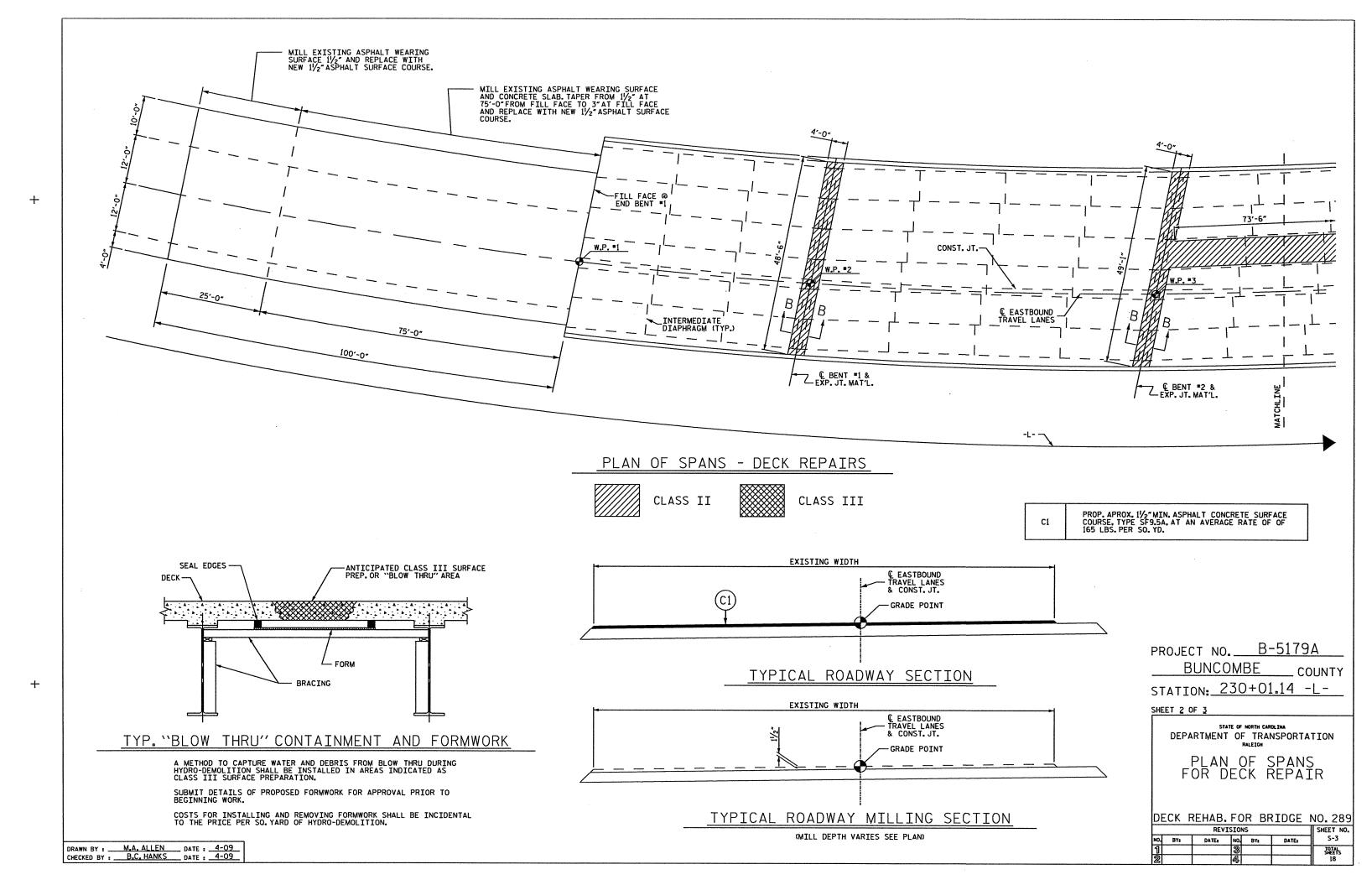
SHEET 1 OF 3

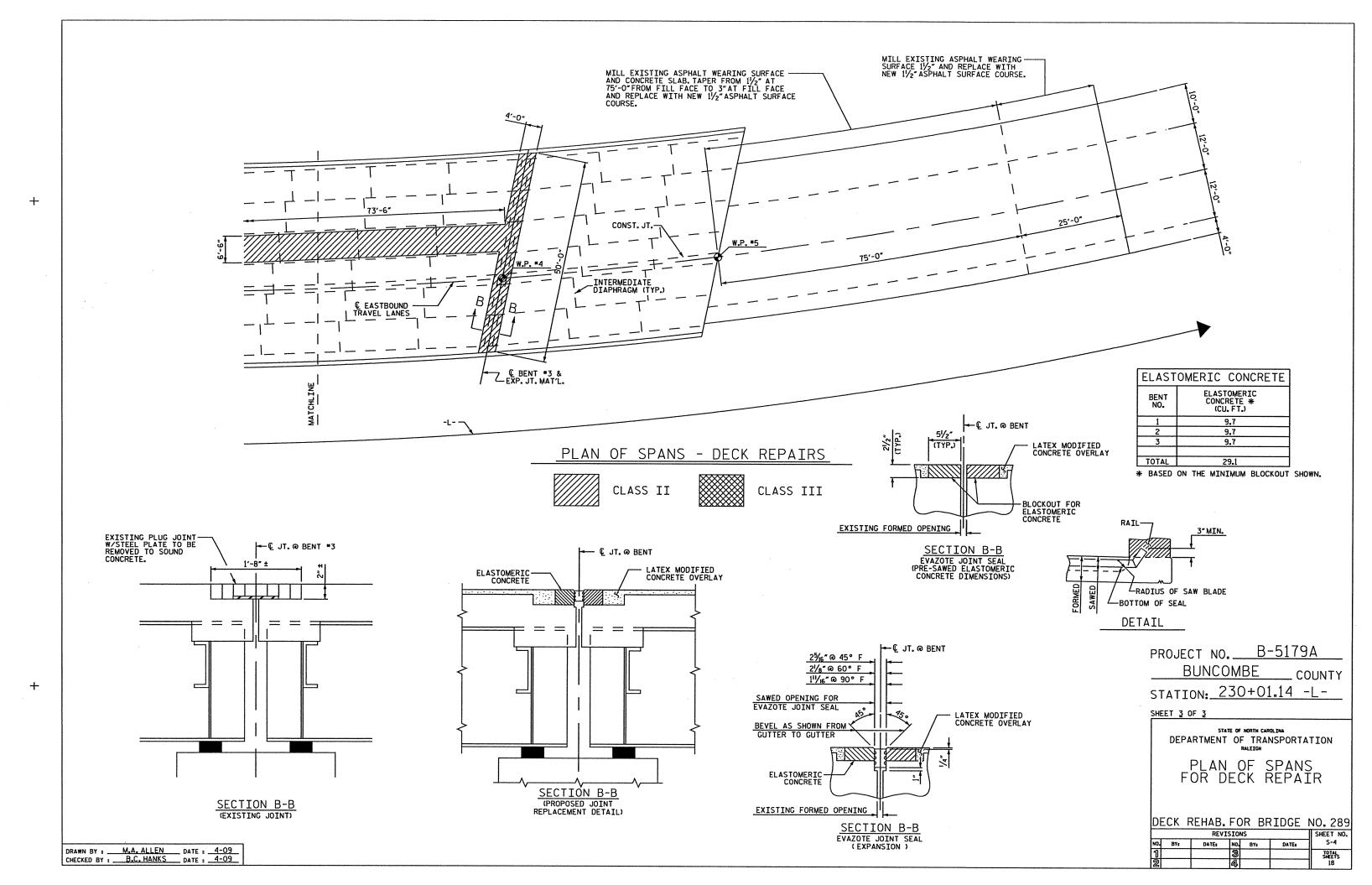
STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

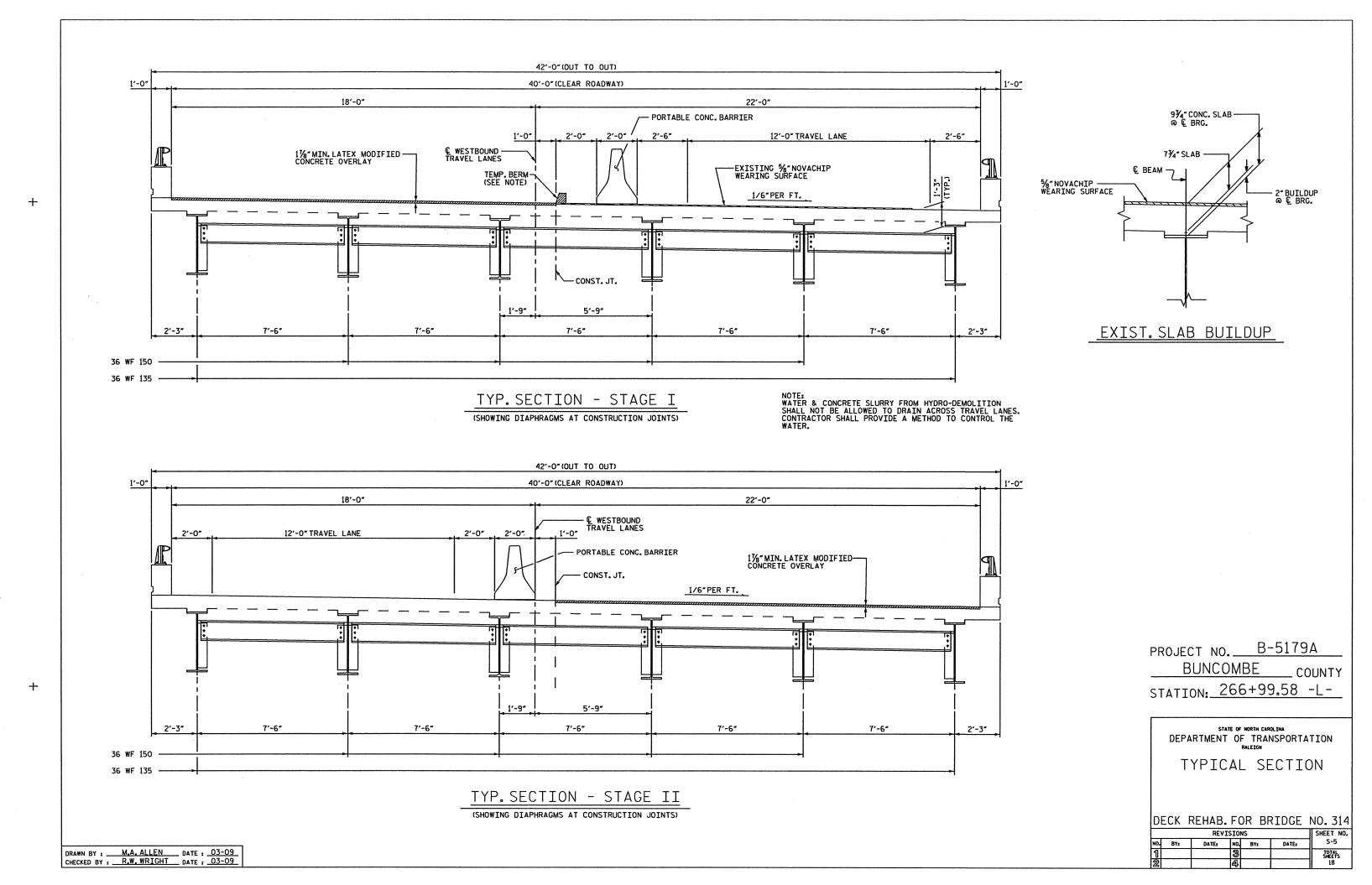
PLAN OF SPANS FOR DECK REPAIR

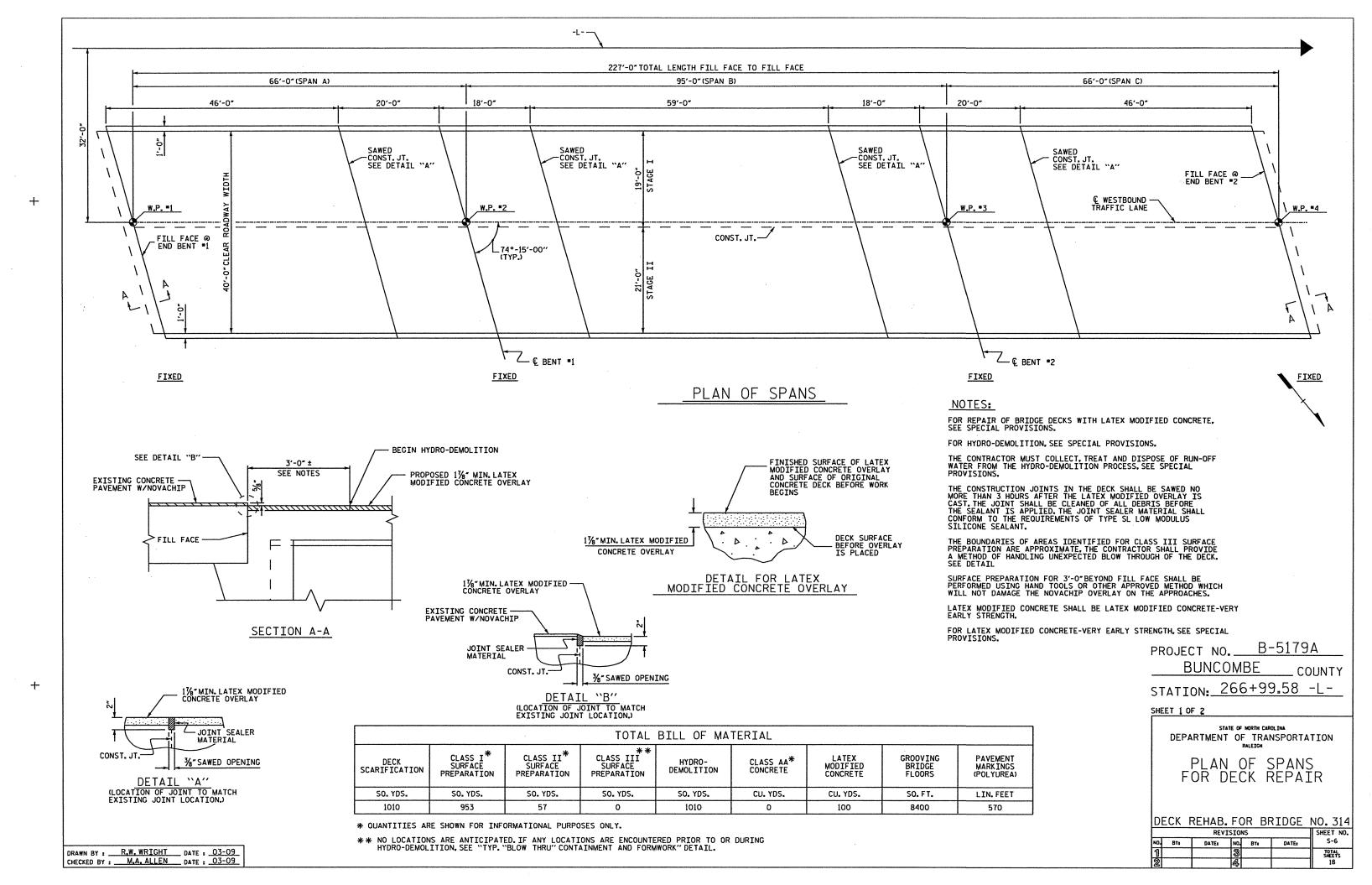
DECK REHAB. FOR BRIDGE NO. 289

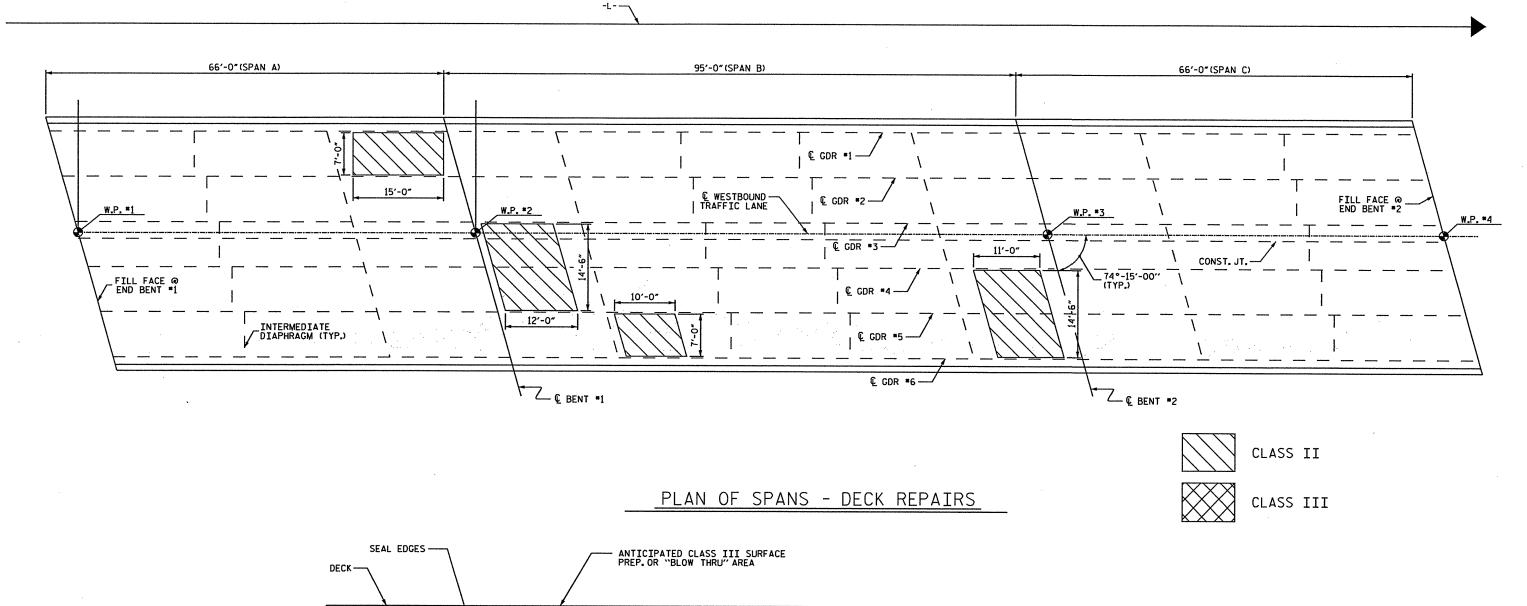
		SHEET NO.				
NO.	BYs	DATEs	NO.	BYs	DATE	S-2
1			3			TOTAL SHEETS
2			4			18

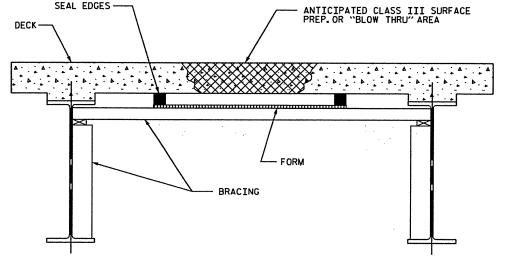












# TYP. "BLOW THRU" CONTAINMENT AND FORMWORK

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.

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

DRAWN BY : R.W. WRIGHT DATE : 03-09
CHECKED BY : M.A. ALLEN DATE : 03-09

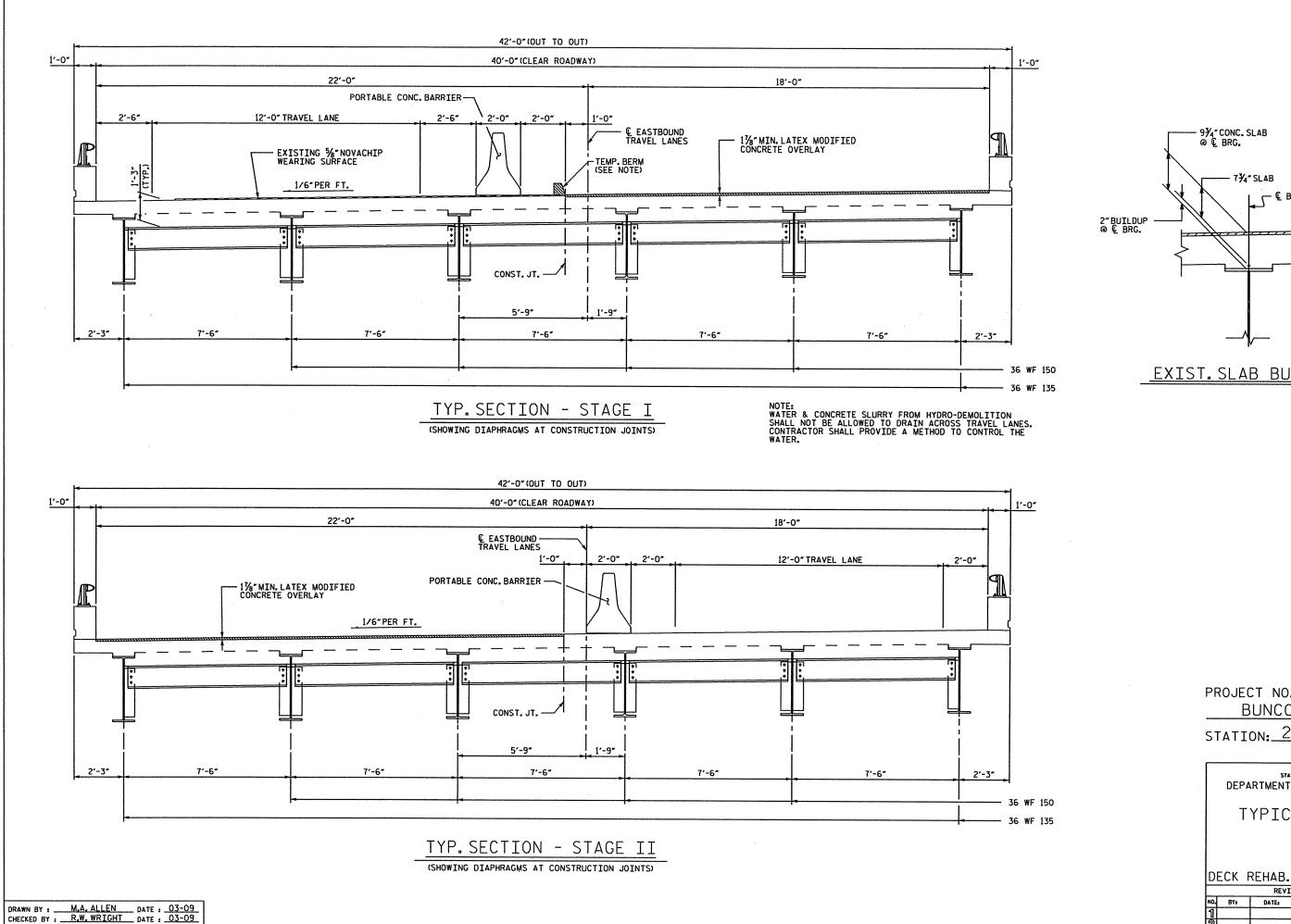
PROJECT NO. B-5179A
BUNCOMBE COUNTY
STATION: 266+99.58 -L-

SHEET 2 OF 2

STATE OF MORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

PLAN OF SPANS FOR DECK REPAIR

DECK REHAB. FOR BRIDGE NO. 314



**Γ** € BEAM %"NOVACHIP
WEARING SURFACE EXIST. SLAB BUILDUP

> PROJECT NO. B-5179A BUNCOMBE \_ COUNTY

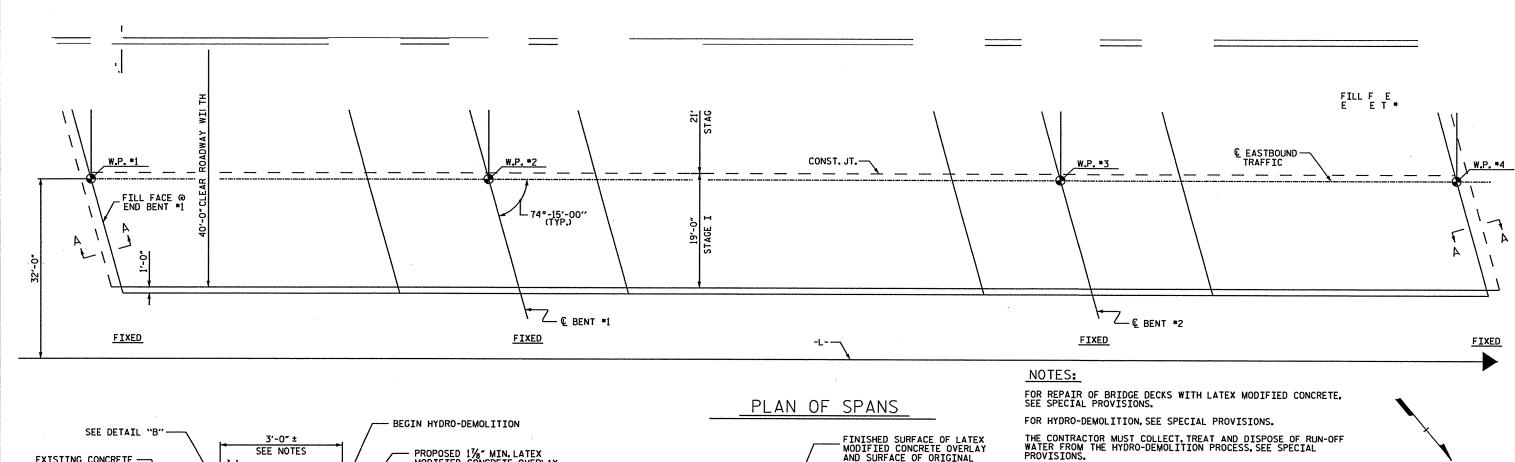
STATION: 266+99.58 -L-

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

TYPICAL SECTION

DECK REHAB. FOR BRIDGE NO. 316

L		SHEET NO.				
NO.	BYs	DATE:	NO.	BY:	DATE:	S-8
1			3			TOTAL SHEETS
2			4			18



# FINISHED SURFACE OF LATEX MODIFIED CONCRETE OVERLAY AND SURFACE OF ORIGINAL CONCRETE DECK BEFORE WORK PROPOSED 1% MIN.LATEX MODIFIED CONCRETE OVERLAY EXISTING CONCRETE --PAVEMENT W/NOVACHIP FILL FACE DECK SURFACE 1%"MIN. LATEX MODIFIED BEFORE OVERLAY IS PLACED CONCRETE OVERLAY DETAIL FOR LATEX MODIFIED CONCRETE OVERLAY 1%"MIN.LATEX MODIFIED -CONCRETE OVERLAY EXISTING CONCRETE — PAVEMENT W/NOVACHIP SECTION A-A JOINT SEALER MATERIAL CONST. JT. %"SAWED OPENING 1% MIN. LATEX MODIFIED CONCRETE OVERLAY DETAIL "B" (LOCATION OF JOINT TO MATCH EXISTING JOINT LOCATION,)

THE CONSTRUCTION JOINTS IN THE DECK SHALL BE SAWED NO MORE THAN 3 HOURS AFTER THE LATEX MODIFIED OVERLAY IS CAST. THE JOINT SHALL BE CLEANED OF ALL DEBRIS BEFORE THE SEALANT IS APPLIED. THE JOINT SEALER MATERIAL SHALL CONFORM TO THE REQUIREMENTS OF TYPE SL LOW MODULUS SILICONE SEALANT.

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

SURFACE PREPARATION FOR 3'-O"BEYOND FILL FACE SHALL BE PERFORMED USING HAND TOOLS OR OTHER APPROVED METHOD WHICH WILL NOT DAMAGE THE NOVACHIP OVERLAY ON THE APPROACHES.

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

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

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	GROOVING BRIDGE FLOORS	PAVEMENT MARKINGS (POLYUREA)			
SO. YDS.	SO. YDS.	SO, YDS.	SO. YDS.	SO. YDS.	CU. YDS.	CU. YDS.	SO. FT.	LIN. FEET			
1090	918	172	0	1090	0	110	9020	610			

\* QUANTITIES ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY.

\*\* NO LOCATIONS ARE ANTICIPATED. IF ANY LOCATIONS ARE ENCOUNTERED PRIOR TO OR DURING HYDRO-DEMOLITION, SEE "TYP. "BLOW THRU" CONTAINMENT AND FORMWORK" DETAIL.

B-5179A PROJECT NO.\_\_ BUNCOMBE COUNTY STATION: 266+99.58 -L-

SHEET 1 OF 2

DEPARTMENT OF TRANSPORTATION

PLAN OF SPANS FOR DECK REPAIR

DECK REHAB. FOR BRIDGE NO. 316

		SHEET NO.				
NO.	BYı	DATE	NO.	BY	DATE	S-9
1			3			TOTAL SHEETS
2			4			18

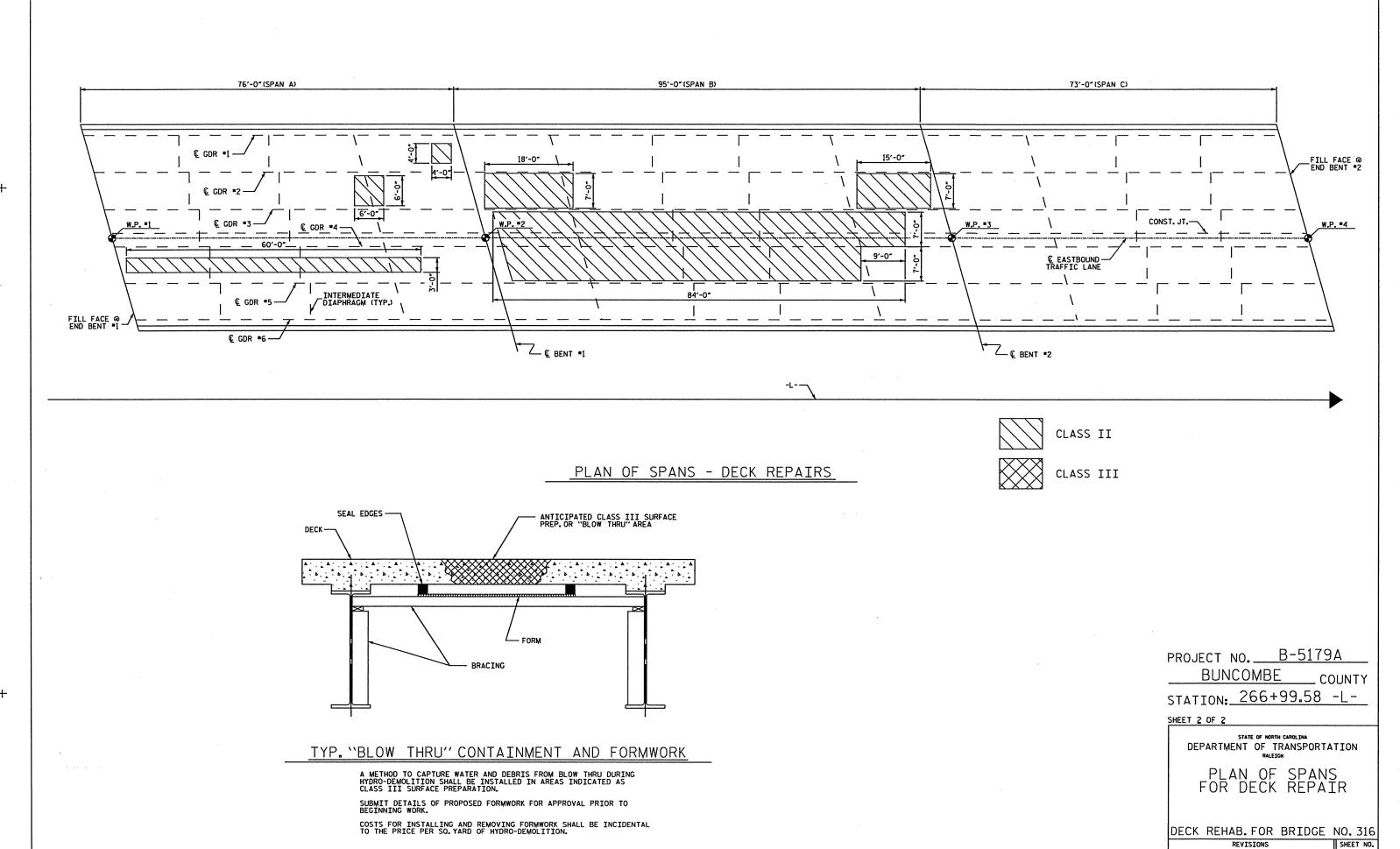
DRAWN BY : R.W. WRIGHT DATE : 03-09 CHECKED BY : M.A. ALLEN DATE : 03-09

DETAIL "A"
(LOCATION OF JOINT TO MATCH
EXISTING JOINT LOCATION,)

CONST. JT.

- JOINT SEALER MATERIAL

%"SAWED OPENING



S-10

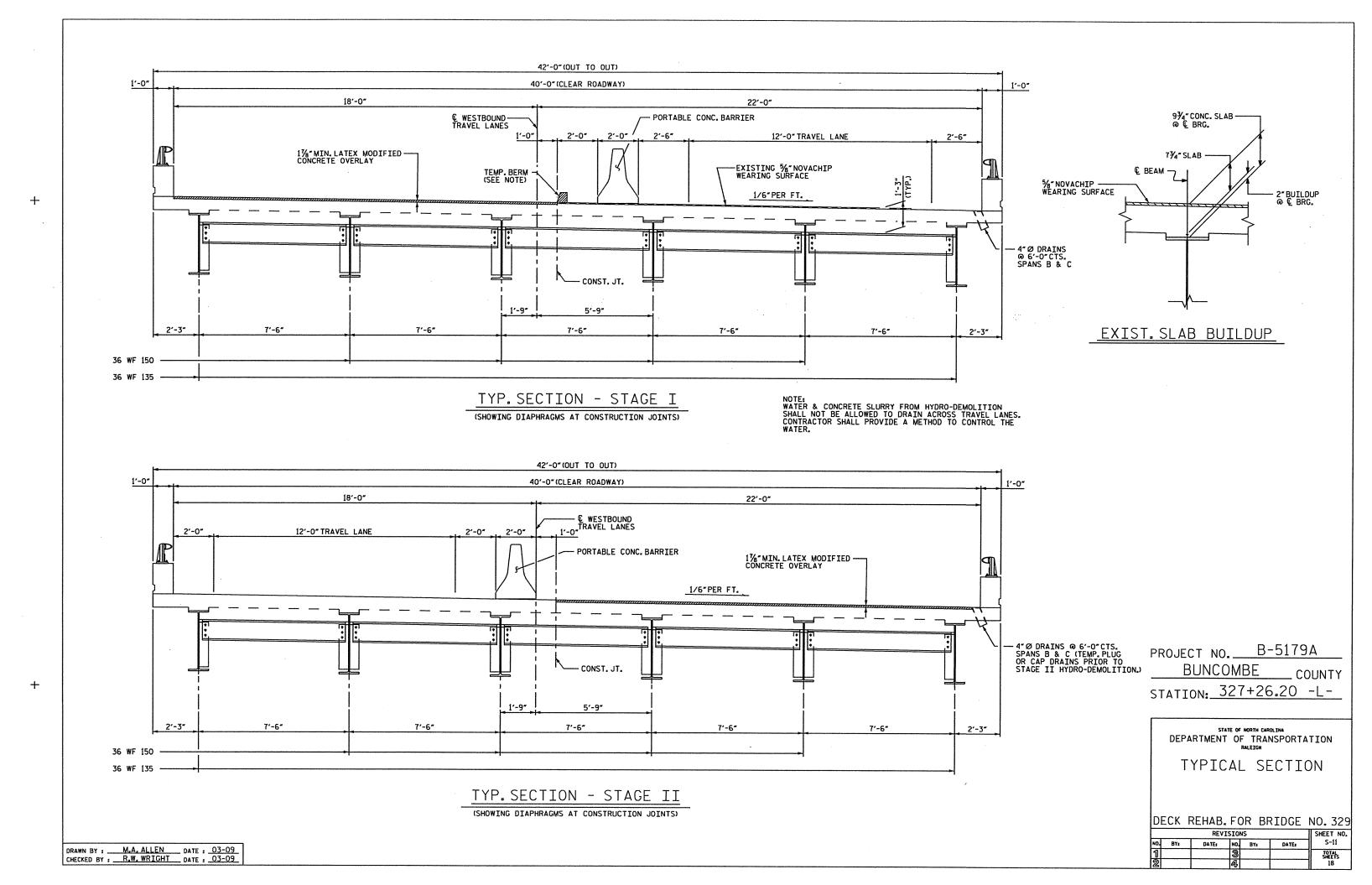
TOTAL SHEETS 18

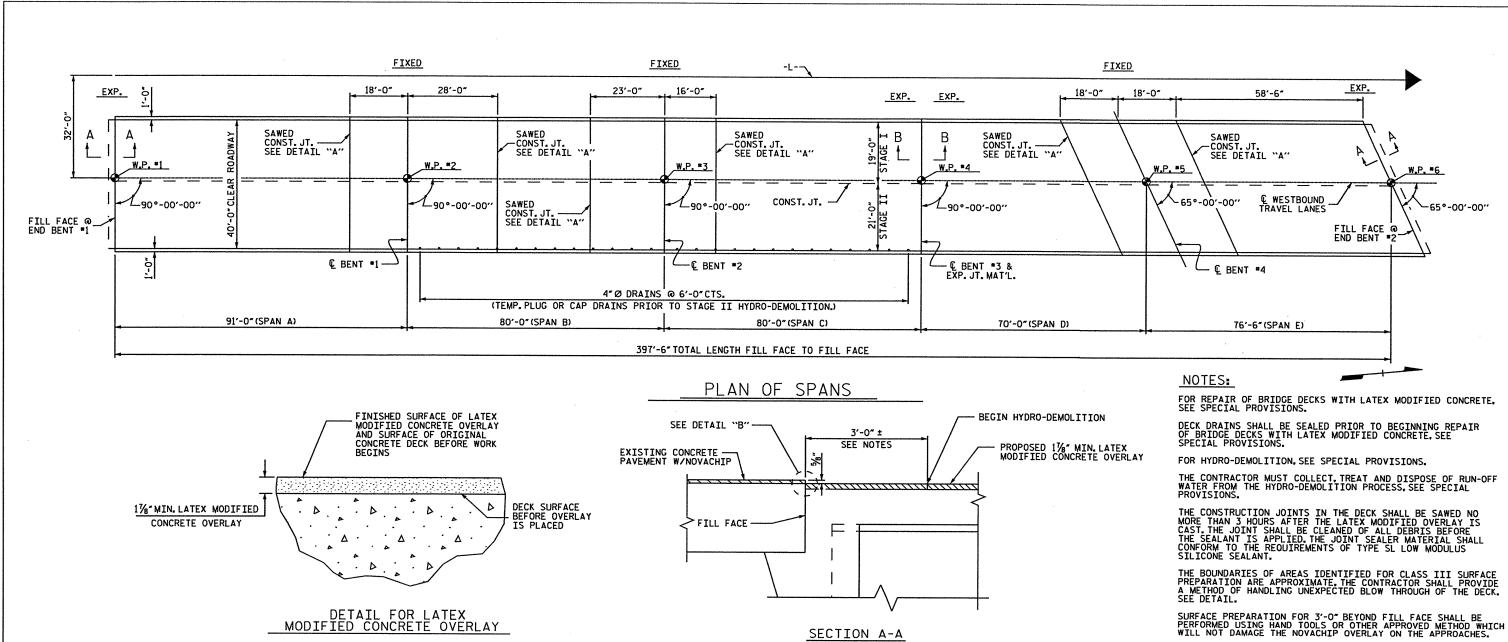
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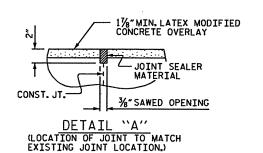
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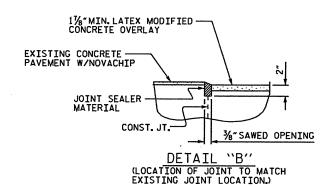
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DRAWN BY: R.W. WRIGHT DATE: 03-09
CHECKED BY: M.A. ALLEN DATE: 03-09









## TOTAL BILL OF MATERIAL CLASS I\* CLASS II\* CLASS III\* SURFACE PREPARATION GROOVING BRIDGE FLOORS PAVEMENT MARKINGS (POLYUREA) DECK SCARIFICATION CLASS AA\* HYDRO-DEMOLITION EVAZOTE JOINT SEAL SURFACE PREPARATION MODIFIED CONCRETE PREPARATION SQ. YDS. SQ. YDS. SO. YDS SO. YDS. SO. YDS. CU. YDS. CU. YDS. LUMP SUM SO. FT. LIN. FEET 1775 1700 75 1776 0.3 175 LUMP SUM 14720 985

DRAWN BY : R.W. WRIGHT DATE : 03-09
CHECKED BY : M.A. ALLEN DATE : 03-09

\* QUANTITIES ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY.

THE NOMINAL UNCOMPRESSED SEAL WIDTH OF THE EVAZOTE JOINT SEAL SHALL BE  $31/8\,^{\circ}$  AT BENT \*3. FOR EVAZOTE JOINT SEALS, SEE SPECIAL PROVISIONS.

FOR ELASTOMERIC CONCRETE, SEE SPECIAL PROVISIONS.

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

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

PROJECT NO. \_\_\_\_\_\_B-5179A

\_\_\_\_\_BUNCOMBE \_\_\_\_COUNTY
STATION: \_\_\_327+26.20 -L-\_

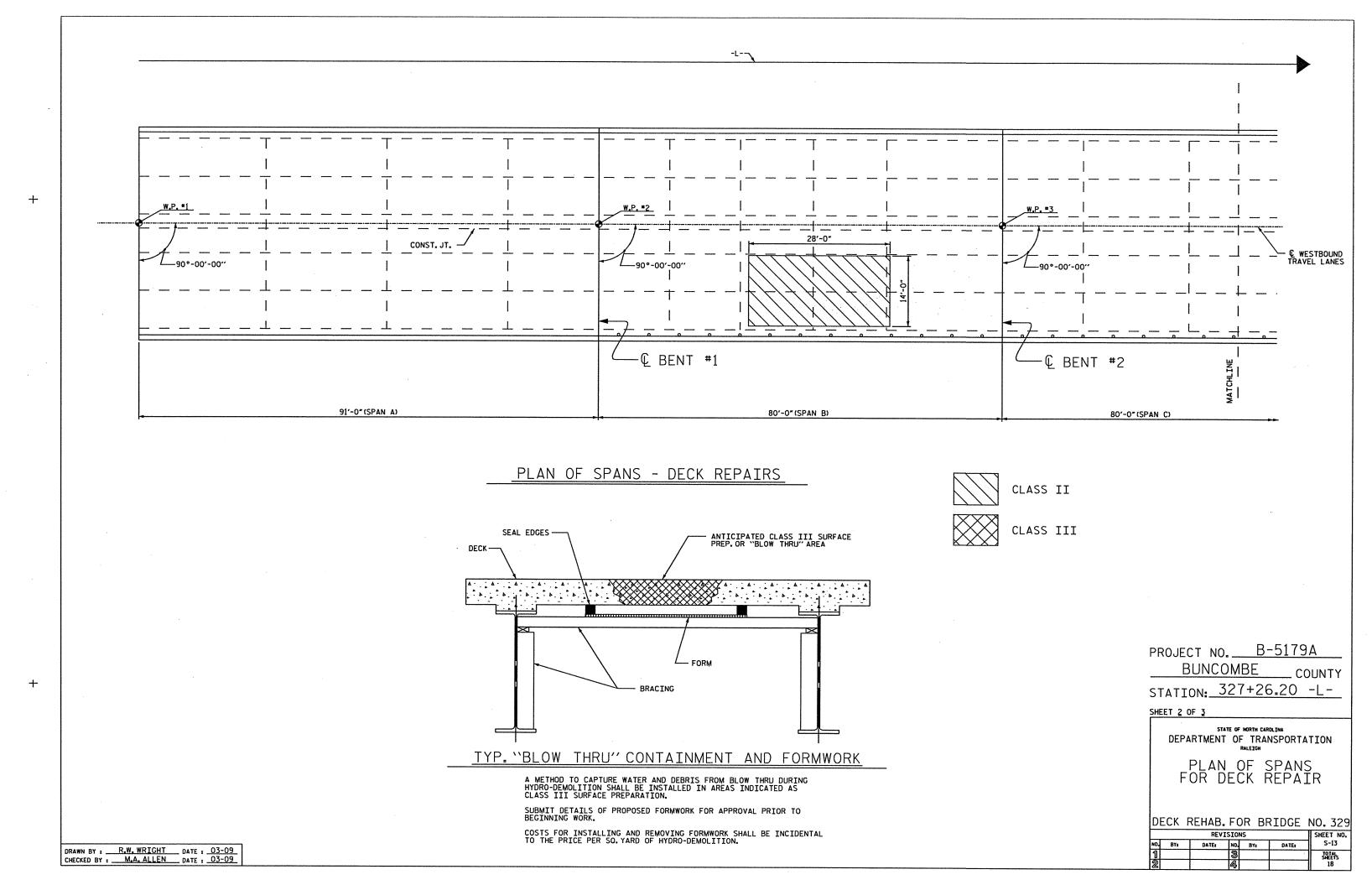
SHEET 1 OF 3

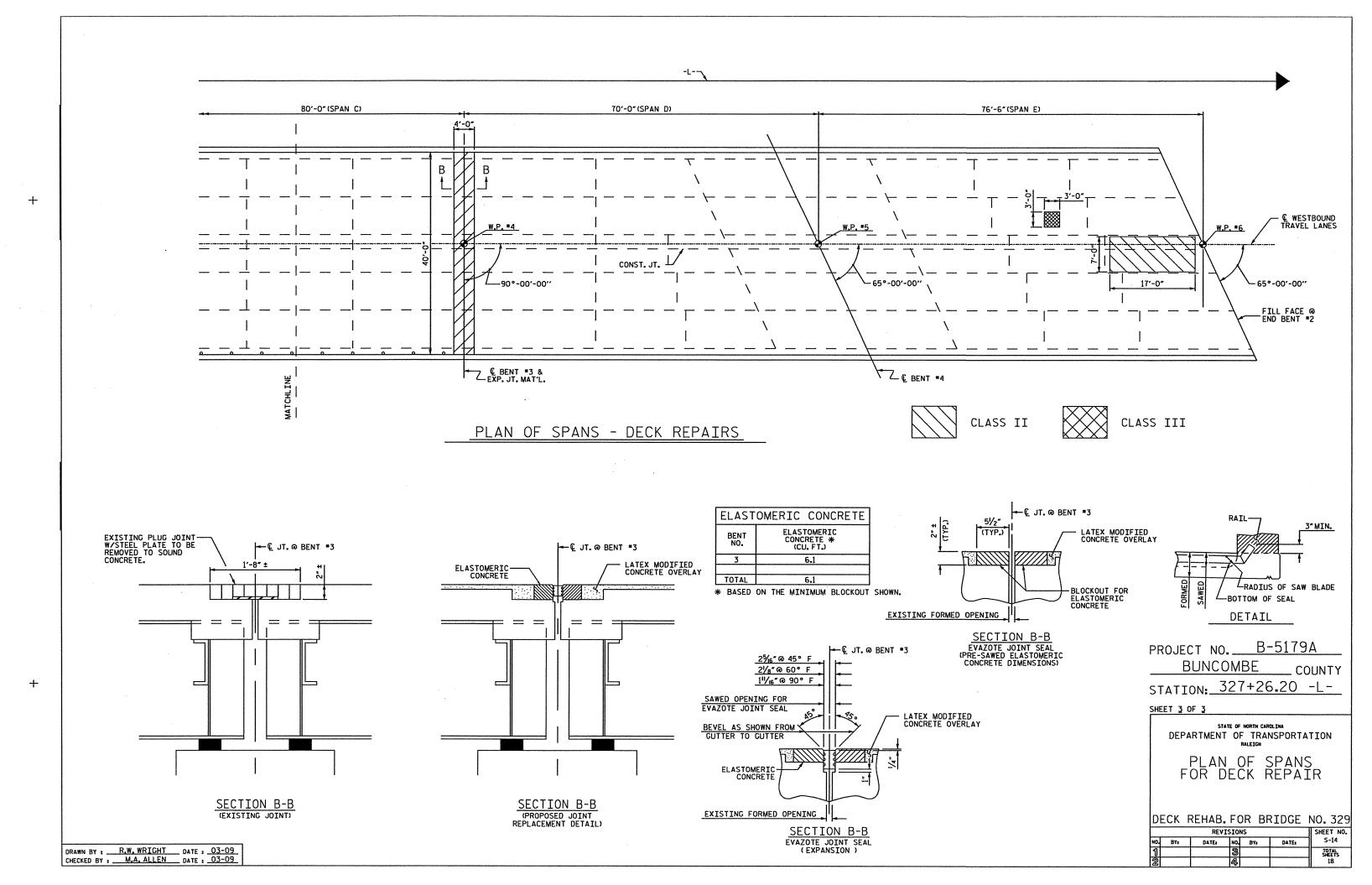
STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

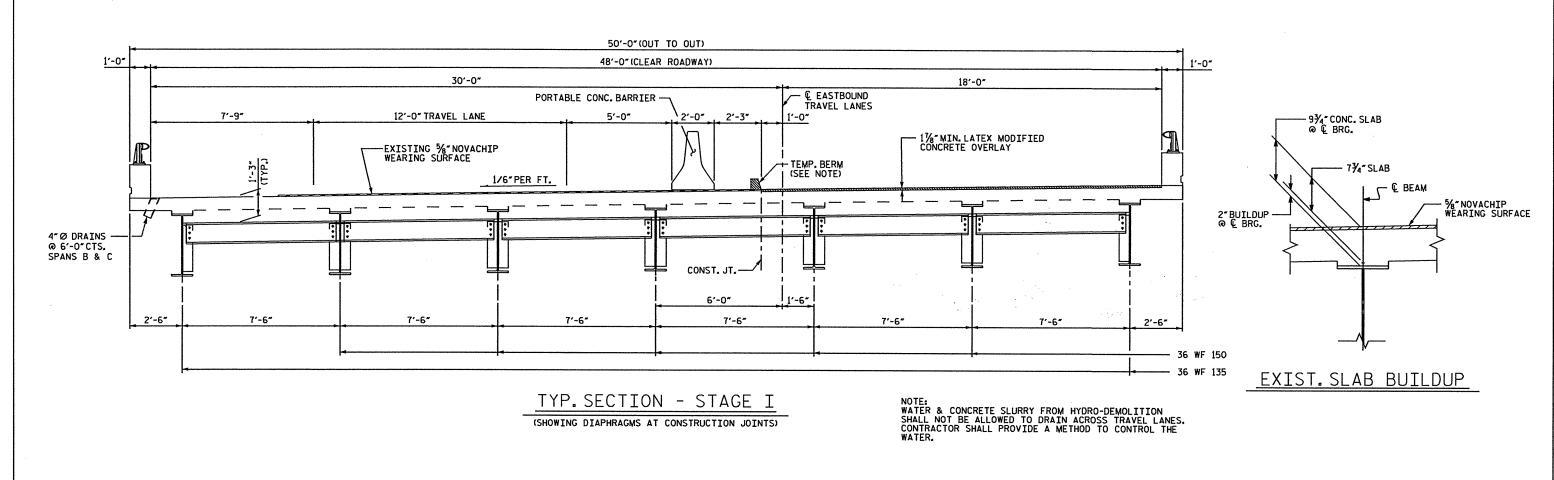
PLAN OF SPANS
FOR DECK REPAIR

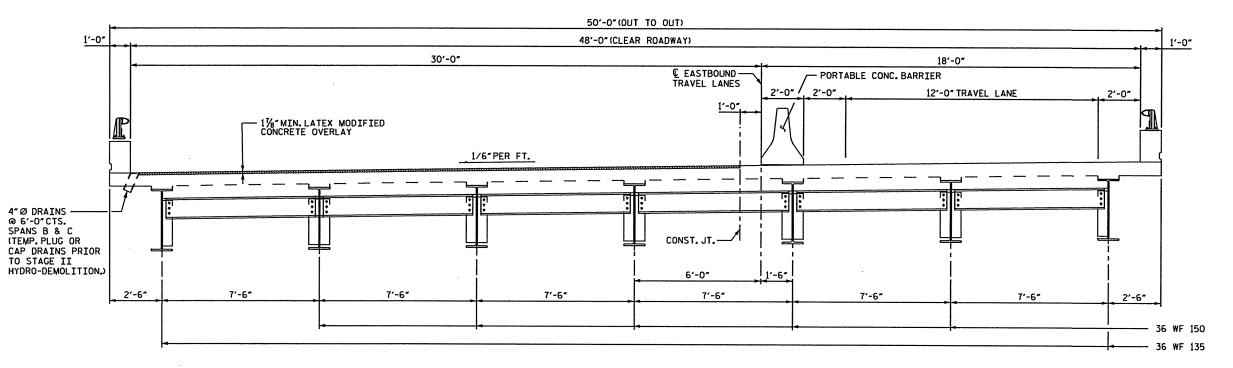
DECK REHAB. FOR BRIDGE NO. 329
REVISIONS I SHEET NO.

| REVISIONS | SHEET NO. | NO. | BYs | DATE: | TOTAL: | SHEET SHEET NO. | S-12 | | SHEET NO. | S-12 | SHEET NO. | SHEET NO. | S-12 | SH









TYP. SECTION - STAGE II

(SHOWING DIAPHRAGMS AT CONSTRUCTION JOINTS)

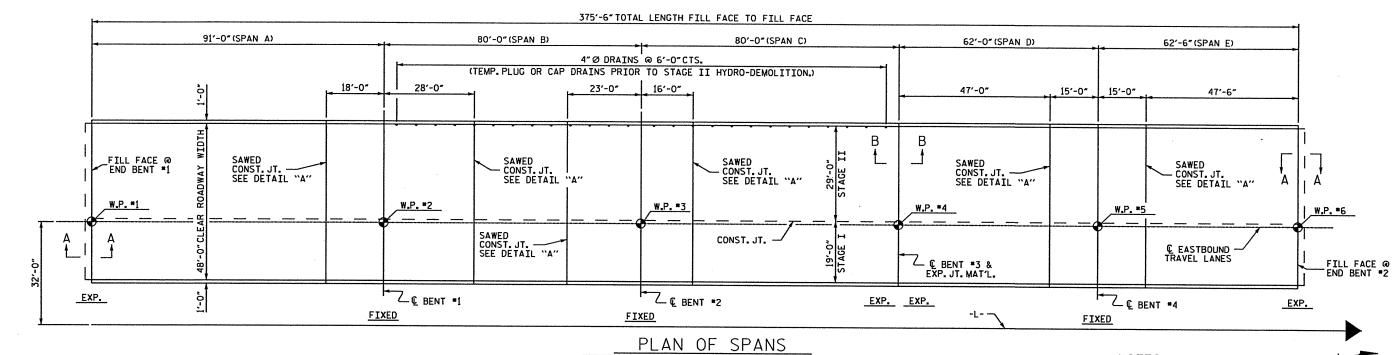
PROJECT NO. B-5179A
BUNCOMBE COUNTY
STATION: 327+26.20 -L-

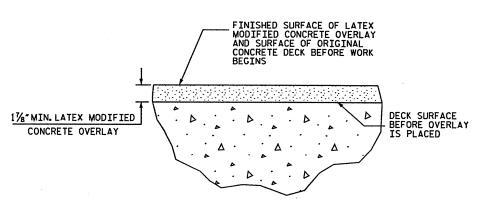
STATE OF MORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH
TYPICAL SECTION

DECK REHAB. FOR BRIDGE NO. 330

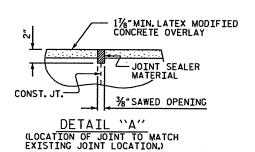
DRAWN BY: M.A. ALLEN DATE: 03-09
CHECKED BY: R.W. WRIGHT DATE: 03-09

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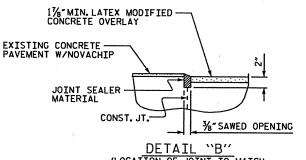


DETAIL FOR LATEX
MODIFIED CONCRETE OVERLAY



# BEGIN HYDRO-DEMOLITION SEE DETAIL "B" 3'-0" ± SEE NOTES PROPOSED 1%" MIN. LATEX MODIFIED CONCRETE OVERLAY EXISTING CONCRETE — PAVEMENT W/NOVACHIP FILL FACE

# SECTION A-A



DE	TAIL	``B''	
(LOCATION			
EXISTING	JOINT I	LOCATI	ON.)

			7	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	EVAZOTE JOINT SEAL	GROOVING BRIDGE FLOORS	PAVEMENT MARKINGS (POLYUREA)
SO. YDS.	SQ. YDS.	SO. YDS.	SO. YDS.	SO. YDS.	CU. YDS.	CU. YDS.	LUMP SUM	SO.FT.	LIN. FEET
2005	1906	99	0	2005	0	200	LUMP SUM	16880	940

<sup>\*</sup> OUANTITIES ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY.

# NOTES:

FOR REPAIR OF BRIDGE DECKS WITH LATEX MODIFIED CONCRETE, SEE SPECIAL PROVISIONS.

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 CONSTRUCTION JOINTS IN THE DECK SHALL BE SAWED NO MORE THAN 3 HOURS AFTER THE LATEX MODIFIED OVERLAY IS CAST. THE JOINT SHALL BE CLEANED OF ALL DEBRIS BEFORE THE SEALANT IS APPLIED. THE JOINT SEALER MATERIAL SHALL CONFORM TO THE REQUIREMENTS OF TYPE SL LOW MODULUS SILICONE SEALANT.

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.

SURFACE PREPARATION FOR 3'-O" BEYOND FILL FACE SHALL BE PERFORMED USING HAND TOOLS OR OTHER APPROVED METHOD WHICH WILL NOT DAMAGE THE NOVACHIP OVERLAY ON THE APPROACHES.

THE NOMINAL UNCOMPRESSED SEAL WIDTH OF THE EVAZOTE JOINT SEAL SHALL BE 31/8" AT BENT \*3, FOR EVAZOTE JOINT SEALS, SEE SPECIAL PROVISIONS.

FOR ELASTOMERIC CONCRETE, SEE SPECIAL PROVISIONS.

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

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

B-5179A PROJECT NO. BUNCOMBE COUNTY STATION: 327+26.20 -L-

SHEET 1 OF 3

STATE OF NORTH CARDLINA DEPARTMENT OF TRANSPORTATION RALEICH

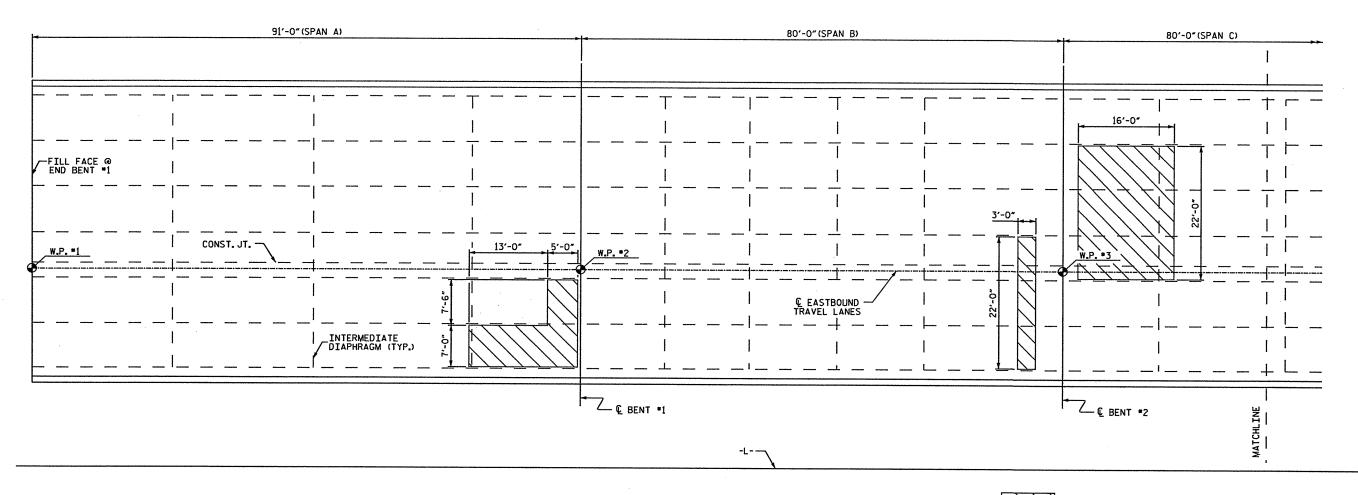
PLAN OF SPANS FOR DECK REPAIR

DECK REHAB. FOR BRIDGE NO. 330

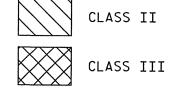
		SHEET NO.				
NO.	BYs	DATE	NO.	BYs	DATE	S-16
1			3			TOTAL SHEETS
2		***************************************	4			18

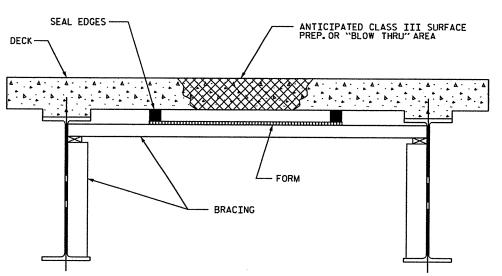
DRAWN BY : R.W. WRIGHT DATE : 03-09 CHECKED BY : M.A. ALLEN DATE : 03-09

<sup>\*\*</sup> NO LOCATIONS ARE ANTICIPATED. IF ANY LOCATIONS ARE ENCOUNTERED PRIOR TO OR DURING HYDRO-DEMOLITION, SEE "TYP. "BLOW THRU" CONTAINMENT AND FORMWORK" DETAIL.



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.

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

PROJECT NO. <u>B-5179A</u>

<u>BUNCOMBE</u> COUNTY

STATION: 327+26.20 -L-

SHEET 2 OF 3

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

PLAN OF SPANS FOR DECK REPAIR

DECK REHAB. FOR BRIDGE NO. 330

		SHEET NO.				
NO.	BYs	DATE	NO.	BYs	DATE	S-17
1			3			TOTAL SHEETS
2			4			18

DRAWN BY : R.W. WRIGHT DATE : 03-09
CHECKED BY : M.A. ALLEN DATE : 03-09

