

CUMBERLAND COUNTY

STATE PROJECT REFERENCE NO. N.C. 1A P. A. PROL NO. CONST

LOCATION: BRIDGE 030 ON I-95 SBL ACROSS I-95 LOOP NBL & SR 2284 BRIDGE 051 ON US 401 BUSINESS ACROSS NC 210

TYPE OF WORK: BRIDGE DECK PRESERVATION

INDEX OF SHEETS

DWG. DESCRIPTION

TITLE SHEET

INDEX OF SHEET **1A**

SUMMARY OF QUANTITIES 2

S-1 THRU S-8 STRUCTURE PLANS - BRIDGE 30

STRUCTURE PLANS - BRIDGE 51 S-9 THRU S-16

TRAFFIC MANAGEMENT PLANS TMP-1 THRU TMP-5A

ROADWAY STANDARD DRAWINGS

2006 ROADWAY ENGLISH STANDARD DRAWINGS

THE FOLLOWING ROADWAY STANDARDS AS APPEARING IN "ROADWAY STANDARD DRAWINGS" HIGHWAY DESIGN BRANCH -N.C. DEPARTMENT OF TRANSPORTATION - RALEIGH, N.C. DATED JULY 18, 2006 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

STD. NO TITLE

DIVISION 8 - INCIDENTALS

CONCRETE CURB, GUTTER 846.01 AND CURB & GUTTER

250030

PROJECT LENGTH

PREPARED IN THE OFFICE OF: Stanted FOR THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION 2006 STANDARD SPECIFICATIONS JOE KELVINGTON, PE

RIGHT OF WAY DATE:

N.A. LETTING DATE: **DECEMBER 29, 2011**

ZAKI WAFA, PE NCDOT CONTACT:

DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA



RICK NELSON, PE

TO SR 2243 — — — — TO NC 59

BRIDGE 30 ON I-95 SOUTHBOUND

LOCATION: BRIDGE 250030, I-95 SOUTHBOUND OVER

I-95 NORTHBOUND RAMP & SR2284

	TOTAL BILL OF MATERIAL									
SCARIFYING *** BRIDGE DECK		SURFACE	SURFACE	HYDRO- DEMOLITION	CLASS AA* CONCRETE	LATEX MODIFIED CONCRETE-VERY EARLY STRENGTH	PLACING & FINISHING OF LATEX MODIFIED CONCRETE- VERY EARLY STRENGTH	EVAZOTE JOINT SEAL	GROOVING BRIDGE FLOORS	ASHPHALT CONC. SURF. COURSE TYPE S9.5C
SQ.YDS.	SO.YDS.	SO.YDS.	SO.YDS.	SQ.YDS.	CU.YDS.	CU.YDS.	SQ.YDS.	LUMP SUM	SQ.FT.	TON
2921.0	0.0	11.0	0.0	2155.0	0.0	89.0	2155.0	LUMP SUM	18698.0	61.0

*QUANTITIES ARE ESTIMATES FROM BEST AVAILABLE DATA, AND SHOULD BE CONSIDERED 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. NO SEPARATE MEASUREMENT OR PAYMENT FOR THESE ITEMS WILL BE MADE. ALL COSTS FOR THIS WORK WILL BE INCLUDED IN THE UNIT PRICE BID FOR HYDRO-DEMOLITION.

** INCLUDES MILLING OF ROADWAY PAVEMENT.

SEAL 13406

PROJECT NO. WBS 17BP.6.P.4

CUMBERLAND COUNTY

STATION:

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

LOCATION SKETCH AND TOTAL BILL OF MATERIAL

DECK REHAB. FOR BRIDGE NO. 30

		SHEET NO.				
NO.	BY:	DATE:	NO.	BY:	DATE	S-1
1			3			TOTAL SHEETS
2			4			16

Stantec Consulting 801 Jones Frank Sulto 300 Releigh, NC 276 Tel. (919) 851-88 Fax. (919) 851-88 Fax. (919) 851-78 License No. F-08

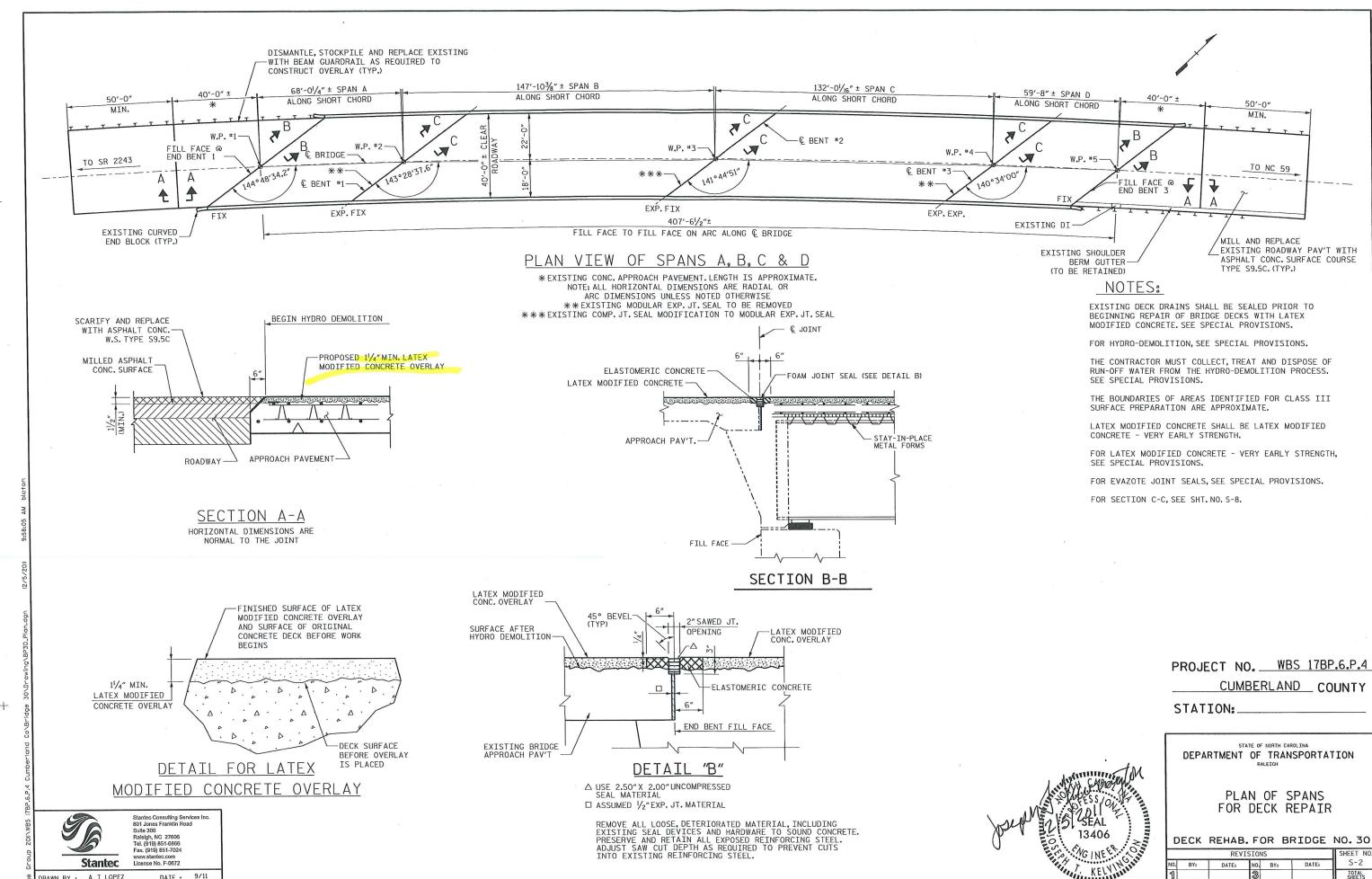
DRAWN BY : A T LOPEZ DATE : 9/11
CHECKED BY : J T KELVINGTON DATE : 9/11

12/2/2011 9:4

S_BOM,dan

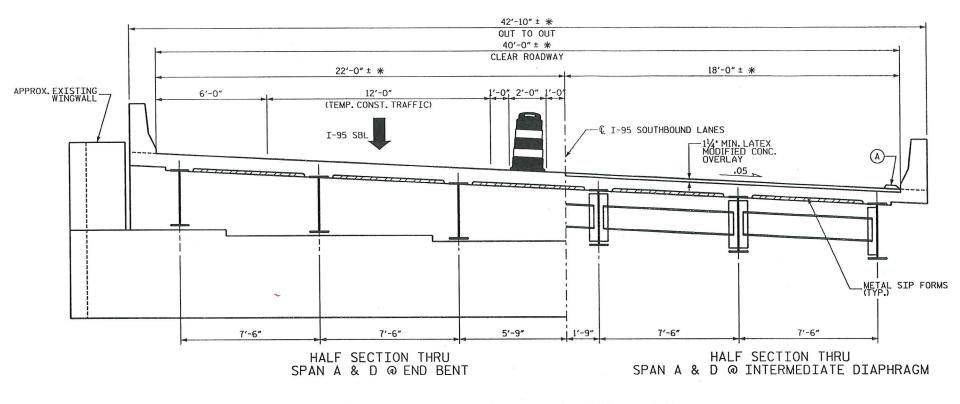
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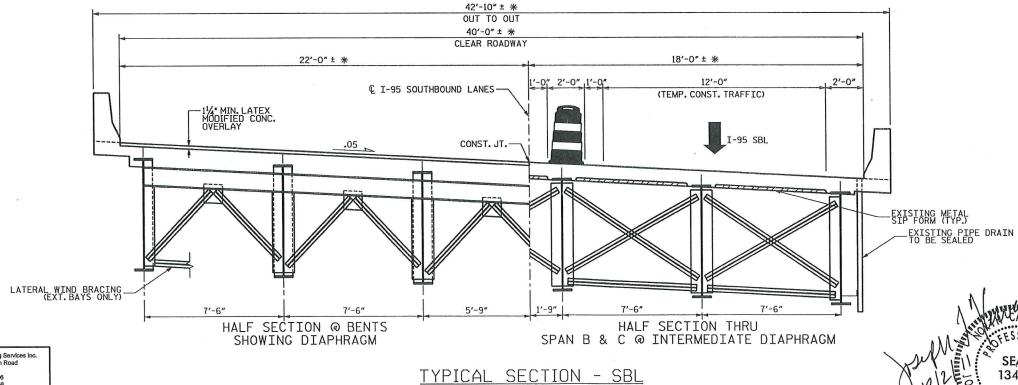


DRAWN BY : A T LOPEZ DATE : 9/11 CHECKED BY : __ J T KELVINGTON DATE : __ 9/11 CUMBERLAND COUNTY

		SHEET NO.				
NO.	BY:	DATE:	NO.	BY:	DATE:	S-2
1			3			TOTAL SHEETS
2			43			16







ALL DIMENSIONS ARE APPROXIMATE

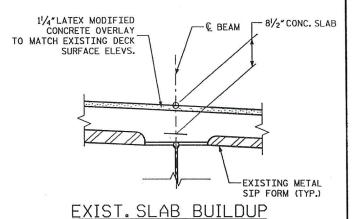
NOTES:

WATER & CONCRETE SLURRY FROM HYDRO-DEMOLITION SHALL NOT BE ALLOWED TO DRAIN ACROSS TRAVEL LANES. CONTRACTOR SHALL PROVIDE A METHOD TO CONTROL THE WATER.

FOR TRAFFIC CONTROL AND CONSTRUCTION PHASING, SEE TRANSPORTATION MANAGEMENT PLANS.

*RADIAL DIMENSION

(A) DAM IS REQ'D TO CONTROL WATER FROM HYDRO-DEMOLITION.



PROJECT NO. WBS 17BP.6.P.4

CUMBERLAND COUNTY

STATION:

DEPARTMENT OF TRANSPORTATION RALEIGH

DECK REPAIR DETAILS FOR BRIDGE #030

DECK REHAB. FOR BRIDGE NO. 30

SHEET NO.	REVISIONS						
S-3	DATE:	BY:	NO.	DATE:	BY:	10.	
TOTAL SHEETS			3			1	
16			4			2	

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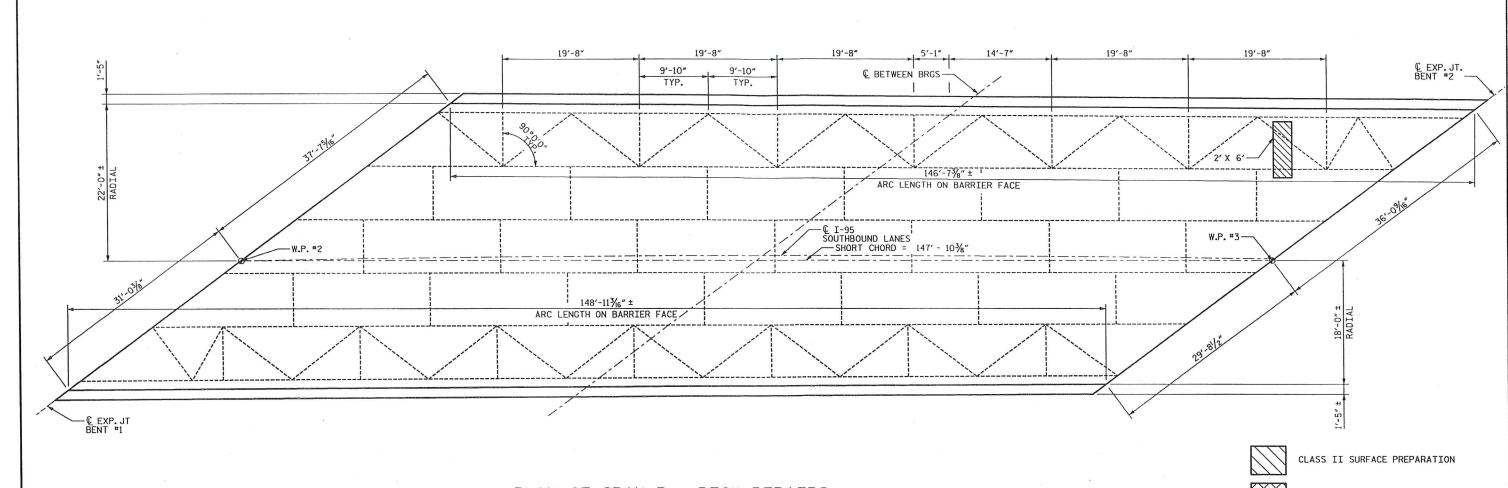
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Stantec

Stantec Consulting Services Inc. 801 Jones Franklin Road Suite 300 Raleigh, NC 27606 Tel. (919) 851-8886 Fax. (919) 851-7024 www.stantec.com License No. F-0872

DRAWN BY : A T LOPEZ DATE : 9/11
CHECKED BY : J T KELYINGTON DATE : 9/11



NOTES:

CONTRACTOR SHALL FURNISH FORMWORK TO SUPPORT SLAB OVERHANG REGIONS WITH EXTENSIVE CLASS III SURFACE PREPARATION.

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

SEE HYDRO-DEMOLITION SPECIAL PROVISIONS.

CLASS II AND CLASS III SURFACE PREPARATION SHOWN IS REPRESENTATIVE AND DOES NOT REFLECT ACTUAL CONDITIONS THAT WILL BE ENCOUNTERED @ THE PROJECT SITE.

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.

CONTRACTOR, AT HIS OPTION, MAY CHOOSE TO MONITOR HYDRO-DEMOLITION WORK IN LIEU OF BLOW THRU CONTAINMENT. SEE TRANSPORTATION MANAGEMENT PLANS.



Startec Consulting Services Inc. 801 Jones Franklin Road Suite 300 Ralekjh, NC 27606 Tel. (919) 851-880 Fax. (919) 851-7024 www.stantec.com License No. F-0672

DRAWN BY : _ A T LOPEZ ____ DATE : ___9/11 CHECKED BY : __ J T KELVINGTON __ DATE : __ 9/11 PLAN OF SPAN B - DECK REPAIRS

CLASS III SURFACE PREPARATION L'X W'= LENGTH OF AREA PARALLEL TO © I-95.
WIDTH OF AREA PERPENDICULAR TO I-95 SBL.

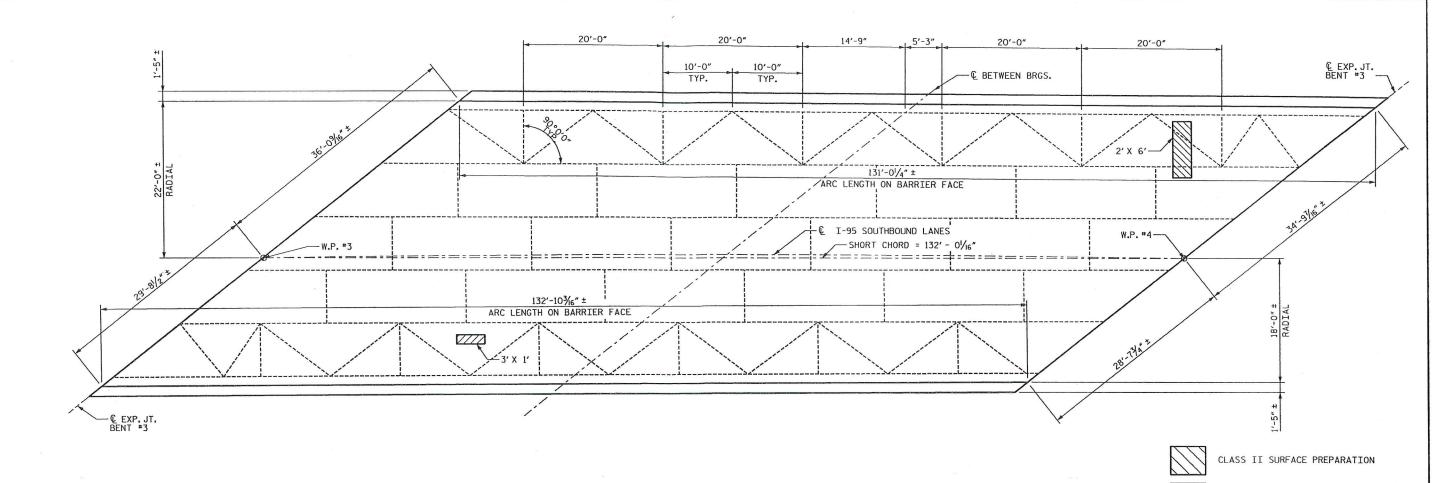
> PROJECT NO. WBS 17BP.6.P.4 CUMBERLAND COUNTY STATION:_

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

DECK REPAIR DETAILS

DECK REHAB. FOR BRIDGE NO. 30

		SHEET NO.				
NO.	BY:	DATE:	NO.	BY:	DATE:	S-5
1	-		3			TOTAL SHEETS
2			4			16



PLAN OF SPAN C - DECK REPAIRS

L'X W'= LENGTH OF AREA PARALLEL TO @ I-95. WIDTH OF AREA PERPENDICULAR TO I-95 SBL.

CLASS III SURFACE PREPARATION

NOTES:

CONTRACTOR SHALL FURNISH FORMWORK TO SUPPORT SLAB OVERHANG REGIONS WITH EXTENSIVE CLASS III SURFACE PREPARATION.

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801 Jones Franklin Road Suite 300 Raleigh, NC 27606 Tel. (919) 851-8868 Fax. (919) 851-7024 www.stantec.com License No. F-0872

DRAWN BY : A T LOPEZ DATE : __9/11 CHECKED BY : J T KELVINGTON DATE : 9/11

PROJECT NO. WBS 17BP.6.P.4 CUMBERLAND COUNTY STATION:_

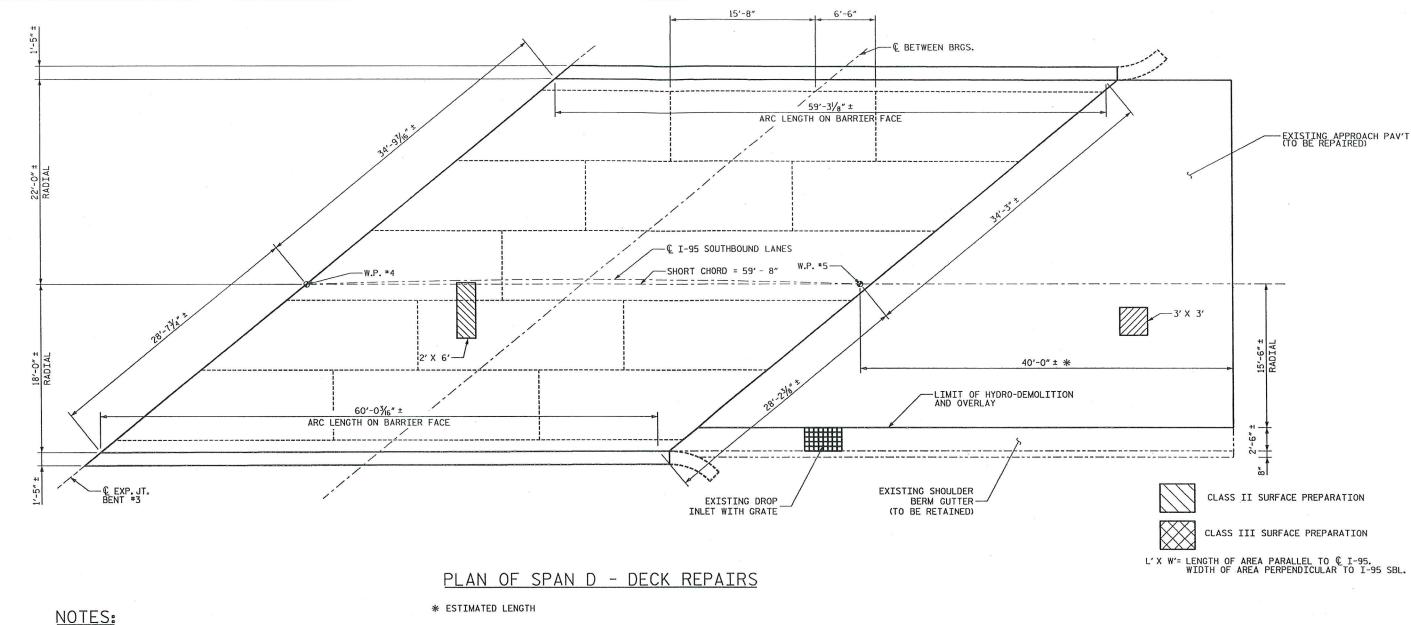
STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH

DECK REPAIR DETAILS

DECK REHAB. FOR BRIDGE NO. 30

SEAL 13406

		SHEET NO.				
NO.	BY:	DATE:	NO.	BY:	DATE:	S-6
1			3			TOTAL SHEETS
2			4			16



CONTRACTOR SHALL FURNISH FORMWORK TO SUPPORT SLAB OVERHANG REGIONS WITH EXTENSIVE CLASS III SURFACE PREPARATION.

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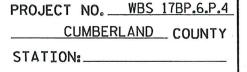
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STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

DECK REPAIR DETAILS

DECK REHAB. FOR BRIDGE NO. 30

13406

REVISIONS SHEET NO. S-7 DATE: NO. BY: DATE TOTAL SHEETS 16

801 Jones Franklin R Suite 300 Raleigh, NC 27606 Tel. (919) 851-8886 Fax. (919) 851-7024 www.stantec.com License No. F-0672 DRAWN BY: A T LOPEZ DATE: 9/11
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