

LOCATION SKETCH

INFORMATION INDICATED ON THE LOCATION SKETCH SHALL BE CONSIDERED GENERAL INFORMATION ONLY. CONTRACTOR SHALL CONFIRM, THROUGH OTHER SOURCES, SPECIFIC INFORMATION REGARDING BRIDGES, ROADWAY, UTILITIES, THE SURROUNDING AREA, AND ANY OTHER ASPECTS THAT MAY BE NECESSARY TO PERFORM AND COMPLETE THE PROJECT.

DRAWN BY :	R.L.PUTEK	DATE : 08/2024
CHECKED BY :	J.A.YANNACCONE	DATE : 08/2024

SEE CONTRACT DOCUMENTS
SEQUENCING AND OTHER TR
MEASURES FOR STAGING OF
PREPARATION AND POLYMER

THE CONTRACTOR'S ATTENTION IS CALLED TO THE FACT THAT DUE TO THE NATURE OF PRESERVATION PROJECTS, THE EXTENT OF WORK CANNOT ALWAYS BE ACCURATELY DETERMINED PRIOR TO COMMENCEMENT OF WORK. REPAIR LOCATIONS AND ESTIMATES OF **OUANTITIES ARE GIVEN WITH THE BEST INFORMATION** AVAILABLE. IF ADDITIONAL REPAIRS NOT SHOWN ON THE DRAWINGS ARE DEEMED NECESSARY BY THE ENGINEER, THE ENGINEER SHALL NOTE ON THE DRAWINGS THE APPROXIMATE LOCATION AND DESCRIPTION OF THE REPAIR.

EXISTING DIMENSIONS AND BRIDGE CONDITION ARE FROM THE BEST INFORMATION AVAILABLE. THE CONTRACTOR SHALL FIELD VERIFY THE INFORMATION SHOWN ON THE PLANS AND NOTIFY THE ENGINEER IF ACTUAL DIMENSIONS AND CONDITIONS DIFFER.

EXISTING JOINTS AND DECK DRAINS SHALL BE SEALED PRIOR TO BEGINNING SURFACE PREPARATIONS THE CONTRACTOR SHALL HAVE NO CLAIM WHATSOEVER AGAINST THE DEPARTMENT FOR ANY DELAYS OR OF THE BRIDGE DECK. THE CONTRACTOR SHALL TAKE ADDITIONAL COST INCURRED BASED ON DIFFERENCES CARE THAT ANY CONSTRUCTION DEBRIS THAT COLLECTS IN THE DRAINS IS CONTAINED. DRAINS IN BETWEEN WHAT IS SHOWN ON THE PLANS AND THE SHOULDERS OF ADJACENT TRAVEL LANES SHALL BE KEPT FREE AND CLEAR OF DEBRIS. ACTUAL CONDITIONS AT THE PROJECT SITE.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO FOLLOW ALL STATE AND FEDERAL SAFETY REOUIREMENTS.

WORK ON THE BRIDGE SHALL BE PERFORMED SO AS NOT TO ALLOW DEBRIS TO FALL BELOW, EXCEPT WHERE THE CONTRACTOR'S PLAN USED PLATFORMS, NETS, SCREEN OR OTHER PROTECTIVE DEVICES TO CATCH THE MATERIAL. THE CONTRACTOR SHALL SUBMIT PLANS FOR CONSTRUCTION IN ACCORDANCE WITH ARTICLE 402-2 OF THE STANDARD SPECIFICATIONS AND THE PROJECT SPECIAL PROVISIONS. ANY DAMAGE TO EXISTING REINFORCING STEEL DURING CONTRACTOR'S OPERATIONS SHALL BE REPAIRED AS DIRECTED BY THE ENGINEER AND PERFORMED AT NO ADDITIONAL COST TO THE DEPARTMENT.

FOR CONTROL OF TRAFFIC AND LIMITS OF PHASING OF CONSTRUCTION, SEE CONTRACT DOCUMENTS.

BRIDGE COORDINATES				
LATITUDE	LONGITUDE			
34°-19'-21.22''	78°-28'-09.57''			



GENERAL NOTES

FOR LANE WIDTHS, RAFFIC CONTROL OVERLAY SURFACE

PRIOR TO BEGINNING WORK, THE CONTRACTOR SHALL SUBMIT FOR REVIEW AND APPROVAL A COMPLETE SEQUENCE OF TASKS FOR EACH OPERATION AFFECTING R CONCRETE (PC) PLACEMENT. THE BRIDGE SURFACE AND/OR TRAFFIC.

> FOR OTHER DESIGN DATA AND GENERAL NOTES, SEE SHEET SN.

FOR FALSEWORK AND FORMWORK, SEE SPECIAL PROVISIONS.

FOR SUBMITTAL OF WORKING DRAWINGS, SEE SPECIAL PROVISIONS.

FOR CRANE SAFETY, SEE SPECIAL PROVISIONS.

FOR GROUT FOR STRUCTURES, SEE SPECIAL PROVISIONS.

ALL PAVEMENT MARKING WILL BE IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

LONGITUDINAL CONSTRUCTION JOINTS OF OVERLAYS SHALL BE LOCATED ALONG THE CENTERLINE OR EDGE OF TRAVEL LANES.

FOR CLASS IB SURFACE PREPARATION, SEE BRIDGE DECK ASPHALT OVERLAY SPECIAL PROVISION.

FOR ASPHALT PLUG JOINTS FOR PRESERVATION, SEE SPECIAL PROVISIONS.

FOR PILE ENCAPSULATION, SEE SPECIAL PROVISIONS.

FOR BRIDGE DECK WATERPROOFING MEMBRANE-SPRAY APPLIED, SEE SPECIAL PROVISIONS.

		PROJECT NO. HI-0018 COLUMBUS	3)UNTY	
		BRIDGE NO. 230384		
STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH				
	Docusigned by: John Yannation YANNA 781361754678456	GENERAL DRAWIN FOR BRIDGE ON US 74 - US 76 BYP WE OVER FRIAR SWAMP	g Bl	
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NOTES

REPAIR LOCATIONS AND ESTIMATED QUANTITIES ARE GIVEN WITH THE BEST INFORMATION AVAILABLE. IF ADDITIONAL REPAIRS NOT SHOWN ON THE DRAWINGS ARE DEEMED NECESSARY BY THE ENGINEER, THE ENGINEER WILL NOTE ON THE DRAWINGS THE APPROXIMATE LOCATIONS AND DESCRIPTION OF THE REPAIRS AND ADJUST THE ACTUAL QUANTITIES ENTERED INTO THE REPAIR QUANTITY TABLE.

FOR SECTION A-A AND B-B. SEE "ASPHALT PLUG JOINT DETAILS" SHEET.

FOR CLASS IB SURFACE PREPARATION, SEE BRIDGE DECK ASPHALT OVERLAY SPECIAL PROVISION.

FOR BRIDGE DECK WATERPROOFING MEMBRANE-SPRAY APPLIED, SEE SPECIAL PROVISIONS.

FOR ASPHALT OVERLAY, SEE ROADWAY PLANS.

DRAWN BY :	R.L.PUTEK	DATE : 08/2024
CHECKED BY	J.A.YANNACCONE	DATE : 08/2024

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AS-BUILT QUANTITY REPAIR TABLE

DECK SURFACE REPAIR & APPROACH SLAB REPAIR

		ESTIMATE	ACTUAL
	APPROACH SLAB @ END BENT 1	40.0 SQ. YDS.	
CLASS IB	SPAN A	144.3 SQ. YDS.	
SURFACE	SPAN B	140.0 SQ. YDS.	
PREPARATION	SPAN C	144.3 SQ. YDS.	
	APPROACH SLAB @ END BENT 2	40.0 SQ. YDS.	
	APPROACH SLAB @ END BENT 1	6.0 SQ. YDS.	
BRIDGE DECK	SPAN A	144.3 SQ. YDS.	
WATERPROOFING	SPAN B	140.0 SQ. YDS.	
APPLIED	SPAN C	144.3 SQ. YDS.	
	APPROACH SLAB @ END BENT 2	6.0 SQ. YDS.	

CLASS IB SURFACE PREPARATION

		PROJECT NO. HI-0018 COLUMBUS COUNT BRIDGE NO. 230384	— Y
	DocuSigned by B. MGINEFR. John Yannderson, YANNAC	DEPARTMENT OF TRANSPORTATION RALEIGH DECK REPAIRS SPAN A W/APPROACH SLAB, SPAN & SPAN C W/ APPROACH SLAB	Β,
vood Avenue) C 27603 -7660 o.F-0270	DOCUMENT NOT CONSIDERE FINAL UNLESS ALL SIGNATURES COMPLETED	REVISIONS SHEET NO. BY: DATE: NO. BY: DATE: SHEET 1 3 TOTAL 2 4 79	NO.)4 s

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SLE			NOTE:
.)) 3	ESTIMATE LIN. FT. 125.8	ACTUAL LIN. FT.	THE FLOATING TURBIDITY CURTAIN QUANTITY SHOWN ON THE TOTAL BILL OF MATERIAL IS BASED ON A 7.5' WATER DEPTH AND THE LENGTH NECESSARY TO FULLY ENCOMPASS
	114.0		ONE INTERIOR BENT.
			SPECIAL PROVISIONS.
IOR	239.8 TO INSTALLATIO	ON OF JACKETS.	CONTRACTOR SHALL MAKE ALL REASONABLE EFFORTS TO LIMIT CONTAMINATION OF THE WATER DURING EXCAVATION FOR THE PILE ENCAPSULATION, PUMPING OF EPOXY GROUT, AND ALL OTHER WORK TO INSTALL THE PILE ENCAPSULATION.
	EXIST. 12" SQUA CONCRETE PILE	\RE	
- ¾ S	6" DIA. STAINLES FEEL RIVETS (TY	SS P.)	*POLYMER STAND-OFF ³ / ₈ " MIN. (TYP.) VERTICAL SEAM (TYP.)
	- TEMP. NYLON F STRAPS (SUPPL CONTRACTOR) FIXED STAND-C	ATCHET LED BY THE PLACED AT DFF LOCATIONS	EXIST. 12" SQUARE CONCRETE PILE
	SPACED AT 5 STAGGER AT FACES OF FR (SEE DETAIL	, MAXIMUM, OPPOSITE P JACKET – E)(TYP.) *M	FRP JACKET SECTION A-A AXIMUM SPACING BETWEEN FIXED STAND-OFFS SHALL BE 18" THE
	BOTTOM SEAL GASKET	L	ONGITUDINAL DIRECTION AND 12" THE TRAVERSE DIRECTION (SEE DETAIL B)
	ETE PILE	ENCAPS	JLATION
		-	
TO GH S	ENCOMPASS SPACE FOR		
JAC SEA INS	KET IN L STALL		
ND BO	PILE. INSTALL ITOM SEAL TO		
INJ CH L. (ECTION PORT ECK FOR OPTIONALLY ED WITH		PROJECT NO. HI-0018
MP FOP BEC	GROUT INTO OF JACKET. OME		COLUMBUS COUNTY BRIDGE NO. 230384
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THE NTY EN	E BENT IS CURTAIN AND CAPSULATION John Ya	SEAL 032492	SUBSTRUCTURE REPAIR CONCRETE PILE ENCAPSULATION

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