

TOTAL DILL OF WATLIVEAL											
	PILE EXCAVATION NOT IN SOIL	3'-6"DIA. DRILLED PIER NOT IN SOIL	PDA TESTING	CSL TESTING	REINFORCED CONCRETE DECK SLAB	GROOVING BRIDGE FLOORS	CLASS A CONCRETE	BRIDGE APPROACH SLABS	REINFORCING STEEL	SPIRAL COLUMN REINFORCING STEEL	
	LIN. FT.	LIN.FT.	EA.	EA.	SQ.FT.	SQ. FT.	CU. YDS.	LUMP SUM	LBS.	LBS.	
SUPERSTRUCTURE	-	_	-	-	9652	10,070	-	LUMP SUM			
END BENT NO.1	48	-	-	-	-	-	35.5	-	4,854		
BENT NO.1	-	33.8	-	-	-	-	40.1	_	11,089	1,676	
END BENT NO.2	-	-	-	-	-	-	35.5	_	4,854		
TOTAL	48	33.8	1	1	9652	10,070	111.1	LUMP SUM	20,797	1,676	

TOTAL BILL OF MATERIAL										
	63" CON	FIED PRESTRESSED CRETE DERS			14 X 73 EEL PILES	CONCRETE BARRIER RAIL	ARCHITECTURAL CONCRETE SURFACE TREATMENT	4"SLOPE PROTECTION	ELASTOMERIC BEARINGS	
	NO.	LIN.FT.	EA.	NO.	LIN. FT.	LIN.FT.	SQ.FT.	SQ. YDS.	LUMP SUM	
SUPERSTRUCTURE	10	1097.71	_	_	_	641.2	623.2	-	LUMP SUM	
END BENT NO.1	_	_	9	9	234	-	-	17	-	
BENT NO.1	-	-	-	-	-	-	-	-	-	
END BENT NO.2	-	_	9	9	270	-	-	17	-	
TOTAL	10	1097.71	18	18	504	641.2	623.2	34	LUMP SUM	

_ DATE : <u>8/21</u> CHECKED BY : ____ DATE : <u>8/21</u> DESIGN ENGINEER OF RECORD: ____

GENERAL DRAWING NOTES:

ASSUMED LIVE LOAD = HL-93 OR ALTERNATE LOADING

THIS BRIDGE HAS BEEN DESIGNED IN ACCORDANCE WITH THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS.

THIS BRIDGE IS LOCATED IN SEISMIC ZONE 1.

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

FOR SUBMITTAL OF WORKING DRAWINGS, SEE SPECIAL PROVISIONS.

FOR FALSEWORK AND FORMWORK, SEE SPECIAL PROVISIONS.

FOR CRANE SAFETY, SEE SPECIAL PROVISIONS.

FOR GROUT FOR STRUCTURES, SEE SPECIAL PROVISIONS.

FOR VERTICAL ARCHITECTURAL CONCRETE SURFACE TREATEMENT OF THE CONCRETE BARRIER RAIL, SEE SPECIAL PROVISIONS.

THE ELEVATIONS AND CLEARANCES SHOWN ON THE PLANS AT THE POINTS OF MINIMUM VERTICAL CLEARANCE ARE FROM THE BEST INFORMATION AVAILABLE.PRIOR TO BEGINNING BRIDGE CONSTRUCTION, VERIFY THE ELEVATIONS ON THE EXISTING PAVEMENT AND CHECK THE CLEARANCE.REPORT ANY VARIATIONS TO THE ENGINEER.ANY PLAN REVISIONS NECESSARY TO ACHEIVE THE REQUIRED MINIMUM VERTICAL CLEARANCE WILL BE PROVIDED BY THE DEPARTMENT.

PRESTRESSED CONCRETE DECK PANELS MAY BE USED IN LIEU OF METAL STAY-IN-PLACE FORMS IN ACCORDANCE WITH ARTICLE 420-3 OF THE STANDARD SPECIFICATIONS.

NEEDLE BEAMS WILL NOT BE ALLOWED UNLESS OTHERWISE CALLED FOR ON THE PLANS OF APPROVED BY THE ENGINEER.

THE CLASS AA CONCRETE IN THE BRIDGE DECK SHALL CONTAIN FLY ASH OR GROUND GRANULATED BLAST FURNACE SLAG AT THE SUBSTITUTION RATE SPECIFIED IN ARTICLE 1024-1 AND IN ACCORDANCE WITH ARTICLES 1024-5 AND 1024-6 OF THE STANDARD SPECIFICATIONS. NO PAYMENT WILL BE MADE FOR THIS SUBSTITUTION AS IT IS CONSIDERED INCIDENTAL TO THE COST OF THE REINFORCED CONCRETE DECK SLAB.

REMOVABLE FORMS MAY BE USED IN LIEU OF METAL STAY-IN-PLACE FORMS IN ACCORDANCE WITH ARTICLE 420-3 OF THE STANDARD SPECIFICATIONS.

WORK SHALL NOT BE STARTED ON THIS BRIDGE (OR SPECIFIC PARTS OF BRIDGE) UNTIL ROADWAY SECTION HAS BEEN EXCAVATED. FOR EROSION CONTROL MEASURES, SEE EROSION CONTROL PLANS.

> R-5737 PROJECT NO.___ DAVIDSON COUNTY

61+02.68 -L-STATION:_

SHEET 4 OF 5

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

GENERAL DRAWING

FOR BRIDGE ON US 29 OVER SR 1798 BETWEEN SR 2123 AND SR 1874 (LEFT BRIDGE)

Dewberry

FIN

030046

D'ITHEW PATRICE										
Payke, THEW PAYK 9/14/2021		REVISIONS								
NT NOT CONSIDERED	NO.	BY:	DATE:	NO.	BY:	DATE:	S1-4			
NAL UNLESS ALL	1			3			TOTAL SHEETS			
ATURES COMPLETED	2			4			25			