

Sheet No	Description	Title Sheet	Plans	Recapitulation	Sheets
----------	-------------	-------------	-------	----------------	--------

BRIDGE ON ROAD FROM ANTREVILLE TO IVA, S.C.

ROUTE NO 184 DISTRICT.

CONTRACTOR C.Y. THOMASON
TYPE OF BRIDGE REINF. CONC. & STRUCT. STEEL
CONTRACT LET FEB. 22, 1940
WORK STARTED MAY 1, 1940
WORK COMPLETED FEB. 3, 1941

BRIDGE ENGINEER W. J. GOODING JR.
BRIDGE FIELD ENGINEER J. D. McMAHAN JR.
RESIDENT ENGINEER H. B. GOOD

TABLE OF OVERRUNS AND UNDERRUNS							
ITEM	UNIT	PLAN QUANTITIES	RES. ENGINEER QUANTITIES	PAY QUANTITIES COLR. OFFICE	OVERRUN	UNDERRUN	EXPLANATION
Concrete Class A-A	C.Y.						
Concrete Class A	C.Y.	111.91 ✓	1152.38 ✓		40.47 ✓		LOWERING OF FOOTINGS BELOW PLAN GRADE
Concrete Class B	C.Y.						
Reinforcing Steel	Lbs.	134,393 ✓	136,375 ✓		1982 ✓		" " " " " "
Salvage Rein. Steel	Lbs.						
Structural Steel	Lbs.	368,819 ✓	368,819 ✓		0	0	
Structural Steel	L.S.						
Salvage Stru. Steel	Lbs.						
Dry Excavation	C.Y.	306 ✓	514.87 ✓		208.87 ✓		ADDITIONAL EXCAVATION THROUGH FILL REQUIRED
Wet Excavation	C.Y.	160 ✓	425.41 ✓	367.44	265.41	207.44	LOWERING OF FOOTINGS BELOW PLAN GRADE
Rock Excavation	C.Y.						
Structure Excavation	C.Y.						
Wet Dry Excavation	C.Y.						
Channel Excavation	C.Y.						
Net Exclan. 15%			50.88		50.88		Not Estimated
Net Exclav. 200%			7.09		7.09		" "
Treated Timber Piling	L.F.	930 ✓	765.17 ✓		164.83 ✓		VARIANCE IN ESTIMATED AND ACTUAL QUANTITIES
Untreated Timber Piling	L.F.	2400 ✓	1337.12 ✓		1067.88 ✓		" " " " " "
Rein. Concrete Piling	L.F.						
Steel H Piling	L.F.	350 ✓	303.897 ✓	307.907	46.07	41.095 40.103	" " " " " "
40% CUTOFFS PILING CUTOFFS	L.F.	0 ✓	46.79		46.79		NO CUTOFFS ESTIMATED
25% " " "	L.F.	0 ✓	68.88 ✓		68.88 ✓		" " " "
Treated Stru. Timber	M&M						
Untreated Stru. Timber	M&M						
Welding	L.F.						
Hardware	Lbs.						
Expansion Plates	L.S.						
Removing old Bridge	L.S.						
Painting old Steel	L.S.						
Water-Proofing	S.Y.						
Clearing & Grubbing	L.S.						
Rip-Rap	C.Y.						

Source of Supply of Materials		
ITEM	MANUFACTURER	GRADE
Sand	CAROLINA SAND & GRAVEL CO. KATHWOOD, S.C.	
Crushed Stone	CAMPBELL LIMESTONE CO. BEVERLY, S.C.	
Gravel		
Cement	SOU. STATES P.C. CO. ROCKMART, GA. ALPHA P.C. CO. PHOENIXVILLE, ALA.	
Rein. Steel	VIRGINIA STEEL CO. BIEMINGHAM, ALA.	
Stru. Steel	VIRGINIA BRIDGE CO. ROANOKE, VA.	
Treated Timber Piling	CENTURY WOOD PRESERV. CORP. CHARLESTON, S.C. TAYLOR-GOLQUIT CO. SPARTANBURG, S.C.	
Steel H Piling	VIRGINIA BRIDGE CO. ROANOKE, VA.	
Treated Stru. Timber		
Hardware		
Expansion Plates		
Paint	PIEDMONT PAINT MFG. CO. GREENVILLE, S.C. WILLIAM BYRD CHARLESTON, S.C.	
Waterproofing		

Notes on recapitulation sheets should be read carefully and complied with in full. The Resident Engineer should personally check the plans against the following list.

link drawings on translucent paper of pile bents or foundation piles, and pile record, so arranged that the location of each pile, its length, penetration and bearing capacity is shown.

Summary of Quantities.

Cement record to substantiate adjustment.

Emp 32 - 5 Copies (Works Program Projects only)

Force account Claims and Bills (If necessary) _____

Adjustment of the cement cost due to variation in yield 5 Copies

Cement Invoices accompanying adjustment. _____

Freight Bills and Register (unless already sent to Traffic Mgr.) _____

Overrun and Underrun Sheets. 2 Copies. _____

Property Releases (if necessary) _____
 Estimate \$ 5.00

Estimate. 5 Copies _____

A Statement of the amount to be deducted due to overtime.
(letter of transmittal)

Letter of transmittal _____
Final Roadway Profiles _____

Final Roadway Profiles _____

Overruns and Underruns are to be Explained in such a manner as

Overruns and Underruns are to be Explained in such a manner as to leave no doubts as to the reasons.

Following data to be inked on front of each note book: Full

Docket No {As shown by original plans}: Book number: conten

Contractor: Resident Engineer: Date Completed: Type of Bridge:

The final note books properly marked and described. Su

herewith as a part of these final estimate plans are as follows:

Book No. 1-ALL NOTES

Book No. _____ P. ALL NOTES _____
Book No. _____

Book No. _____

Book No. _____

Book No. _____

Book No. _____

Diary _____

1 38

Data Correct Heinrich Bloed 2-14-41

Plans Checked _____ DATE _____

Plants Checked _____ DATE _____
Quantities Approved *F. J. P.*

Quantities Approved 5 A-Peng DATE _____