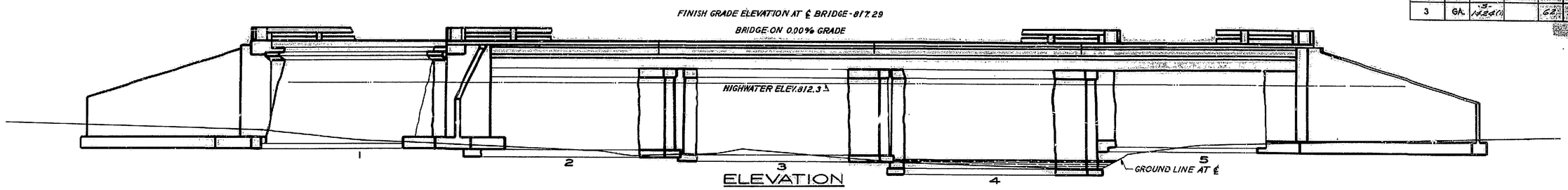
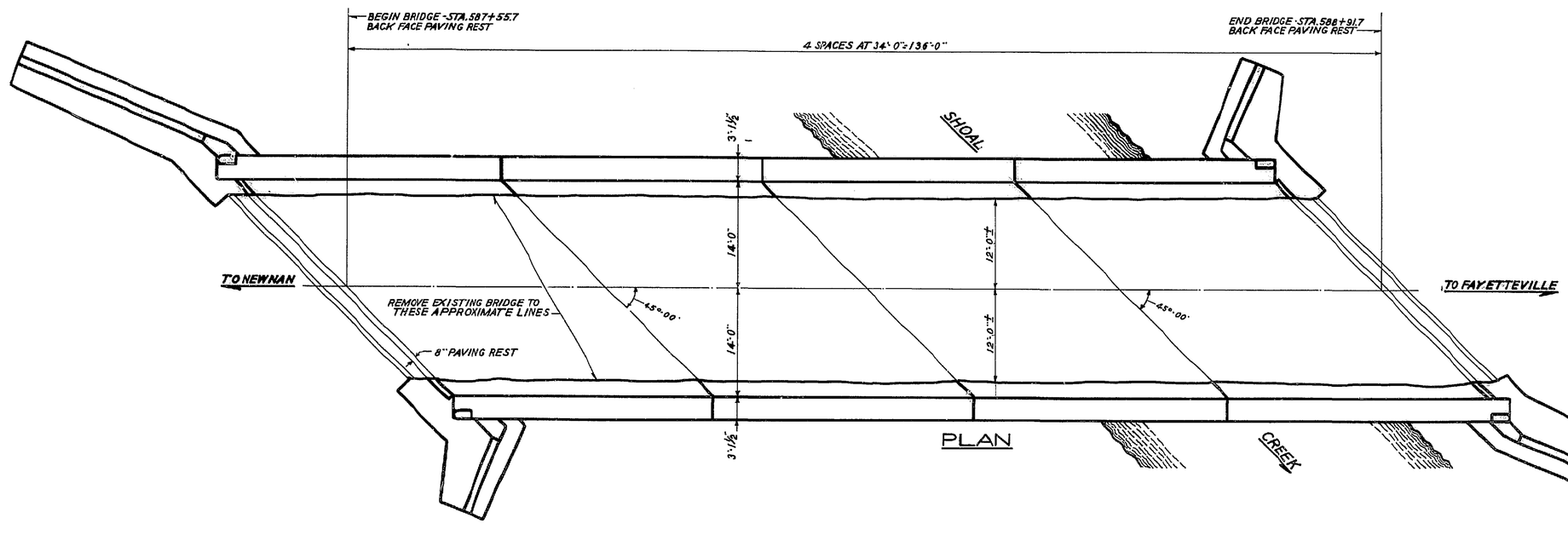
FED. ROAD DIV. No.	STATE	FED. AID PROJ. No.	STATE AID PROJ. No.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
3	GA.	S-1424(1)		63	06	12



ELEVATION



PLAN

WORK CONSISTS OF

REMOVING EXISTING HANDRAILING, CURB AND PORTION OF SLAB ON EACH SIDE OF ROADWAY.
REMOVING PORTIONS OF EXISTING WINGS, CAP AND SHAFT ON EACH SIDE OF END ABUTMENTS.
CONSTRUCTING NEW ABUTMENT FOOTINGS, SHAFT AND WINGS ON EACH SIDE.
CONSTRUCTING EXTENSION TO FOOTINGS, SHAFT AND CAP ON EACH SIDE OF INTERMEDIATE PIERS.
CONSTRUCTING NEW BEAM, SLAB, CURB AND HANDRAILING EACH SIDE.
PLACING WEARING SURFACE.
REPAIRING SPALLED AREAS OF EXISTING CAPS.
HANDRAILING TO BE GEORGIA STANDARD NO.3622 WITH END POST MODIFIED AS SHOWN ON PLANS.
REINFORCEMENT TO CONFORM TO BAR BENDING DETAILS GEORGIA STANDARD NO.3900.

DRAINAGE DATA

DRAINAGE AREA ---------- 22 SQUARE MILES
AREA OF OPENING UNDER HIGHWATER ---------- 1140 SQUARE FEET

GENERAL NOTES

SPECIFICATIONS - GEORGIA STANDARD.
ALL CONCRETE SHALL BE CLASS "A" UNLESS OTHERWISE NOTED.
WITHIN LIMITS OF STANDARD SPECIFICATIONS, EXCAVATION NECESSARY TO FORM END BENT CAPS AND WINGS SHALL BE PAID FOR AS CU. YDS. BRIDGE EXCAVATION NO.1.
CHAMFER ALL EXPOSED EDGES ¾" UNLESS NOTED. ALL CHAMFERS SHALL BE FORMED WITH MILL CUT AND DRESSED CHAMFER STRIPS.
COST OF EXPANSION MATERIAL, ASPHALT SATURATED FELT, ELASTOMERIC POLYMER JOINT SEALER, ASBESTOS SHEET PACKING, MASONRY ANCHORS AND OTHER INCIDENTAL ITEMS SHALL BE INCLUDED IN PRICES BID FOR CONTRACT ITEMS.
ROADWAY SURFACE, CURBS AND HANDRAILING SHALL CONFORM TO TRUE LINE AND GRADE. POSTS SHALL BE VERTICAL AND RAILS PLACED ON CHORDS BETWEEN POSTS.
ONE WAY TRAFFIC SHALL BE MAINTAINED THROUGH CONSTRUCTION AT ALL TIMES.
CONTRACTOR SHALL CHECK ALL DIMENSIONS IN FIELD BEFORE ORDERING MATERIALS.
LIGHT LINES INDICATE PORTION OF EXISTING STRUCTURE TO BE RETAINED. HEAVY LINES INDICATE NEW CONSTRUCTION.
FOR OTHER GENERAL NOTES SEE GEORGIA STANDARDS NO.3622 AND NO.3900 AND SPECIAL PROVISIONS.
COST OF CLEANING EXISTING REINFORCEMENT STEEL AND BENDING INTO NEW CONSTRUCTION TO BE INCLUDED IN PRICE BID FOR CONTRACT ITEMS.
COST OF DRILLING HOLES FOR MASONRY ANCHORS AND PLACING ANCHORS TO BE INCLUDED IN PRICE BID FOR CONTRACT ITEMS.

SUMMARY OF QUANTITIES

LUMP	SUPERSTRUCTURE CONCRETE
LUMP	SUPERSTRUCTURE REINFORCEMENT STEEL
278	LIN. FT. CONCRETE HANDRAILING (GEORGIA STANDARD NO.3622)
141	CU. YDS. CLASS "A" CONCRETE
38554	LBS. BAR REINFORCEMENT STEEL
100	CU. YDS. BRIDGE EXCAVATION NO.1
0.312	ACRES CLEARING AND GRUBBING BRIDGE SITE (LUMP SUM)
160	SQ. YDS. SAND CEMENT RIP RAP
	OR
100	TONS STONE PLAIN RIP RAP
LUMP	REMOVAL OF PORTION OF EXISTING BRIDGE
85	GALS. EMULSIFIED ASPHALT TACK COAT
1228	GALS. ASPHALTIC MATERIAL AC6 OR 8
50	TONS ASPHALTIC CONCRETE A OR B
35	TONS ASPHALTIC CONCRETE E
LUMP	REPAIRS TO EXISTING CAPS

DESIGN DATA

SPECIFICATIONS - A.A.S.H.O., 1961
TYPICAL H20-S16 LOADING - IMPACT ALLOWED

GEORGIA REGISTERED No. 3436 PROFESSIONAL ENGINEER WILLIAM DOUGLAS HUDSON, JR. Expires 12/31/63

William Douglas Hudson Jr.

BRIDGE NO.2

DATE	REVISIONS	BY

STATE HIGHWAY DEPARTMENT OF GEORGIA
BRIDGE DEPARTMENT

PLAN AND ELEVATION
WIDENED BRIDGE OVER SHOAL CREEK
STA. 587+55.7 TO STA. 588+91.7
COWETA COUNTY S.1424(1)

SCALE - ⅛" = 1'-0" OCTOBER 1962

BRIDGE SHEET 5 OF 10

DESIGNED W.D.H. TRACED H.L.K. REVIEWED R.K.J.
DRAWN J.D.G. CHECKED APPROVED