DESIGNED BY	DRAWN BY	CHECKED BY	GENERAL	SHEET NAME	SHEET NO.	TOTAL SHEETS
	C.A.				16-D	

BRIDGE CONSISTS OF

3 -38'-C" CONCRETE SPANS----- GEORGIA STANDARD NO.3559 A AND B (MODIFIED)
1 -38'-C" CONCRETE SPAN ---------- GEORGIA STANDARD NO.3559 A AND B
1 -STEEL H PILE END BENT ---------- GEORGIA STANDARD NO.3257
1 -STEEL H PILE END BENT ---------- GEORGIA STANDARD NO.3257 (MODIFIED)
1 -STEEL H PILE INTERMEDIATE BENT --- GEORGIA STANDARD NO.3257 (MODIFIED)
2 -CONCRETE INTERMEDIATE BENTS ---------- SPECIAL DESIGN
CONCRETE HANDRAILING ---------- GEORGIA STANDARD NO.3616

DRAINAGE DATA

DRAINAGE AREA ---------- 104.5 SQUARE MILES
AREA OF OPENING UNDER HIGHWATER ELEVATION ---------- 1,375 SQUARE FEET

GENERAL NOTES

SPECIFICATIONS - GEORGIA STANDARD.
COST OF ANY EXCAVATION NECESSARY TO FORM END BENTS SHALL BE INCLUDED IN THE PRICE BID FOR CLASS "A" CONCRETE.
DRIVE ONE 30 FT. STEEL "H" TEST PILE AT BENTS 1 AND 4.
PILES SHALL BE DRIVEN TO REMAIN IN PLACE AS PERMANENT PILES AND SHALL BE DRIVEN TO ROCK, IF ROCK CAN BE REACHED WITH REASONABLE PENETRATION. IF NOT, DRIVE PILES TO BEARING CAPACITY SHOWN ON GEORGIA STANDARD NO. 3257.
FOR OTHER GENERAL NOTES SEE GEORGIA STANDARDS NO.3559, NO.3257 AND NO. 3616.

SUMMARY OF QUANTITIES

223	CU. YDS. CLASS "A" CONCRETE
51,753	LBS. BAR REINFORCEMENT STEEL
312	LIN. FT. CONCRETE HANDRAILING
250	LIN. FT. STEEL "H" PILING (12 BP 53)
2	EACH STEEL "H" TEST PILES
1	EACH LOADING TEST (IF REQUIRED)
0.279	ACRES CLEARING AND GRUBBING BRIDGE SITE (LUMP SUM)
50	CU. YDS. BRIDGE EXCAVATION NO.1
700	SQ. YDS. SAND CEMENT RIP RAP
	OR
350	TONS STONE PLAIN RIP RAP
LUMP	REMOVAL OF EXISTING BRIDGE

DESIGN DATA

SPECIFICATIONS - A.A.S.H.O., 1953
TYPICAL H15-44 LOADING - IMPACT ALLOWED
FUTURE PAVING ALLOWANCE = 15 LBS. PER SQ. FT.

BRIDGE NO.2

STATE HIGHWAY DEPARTMENT OF GEORGIA
BRIDGE DEPARTMENT

HALF PLAN AND LONGITUDINAL SECTION
BRIDGE OVER CHICKAMAUGA CREEK
STA. 188+02.0 TO STA. 189+54.0
WALKER COUNTY 4 R.R. P.R. 697(3)

SCALE: 1" = 8'-0" SEPTEMBER 1957

DESIGNED E.E.L. TRACED J.A.B. REVIEWED R.K.J.
DRAWN J.W.W. CHECKED W.B.L.-J.E.T. APPROVED

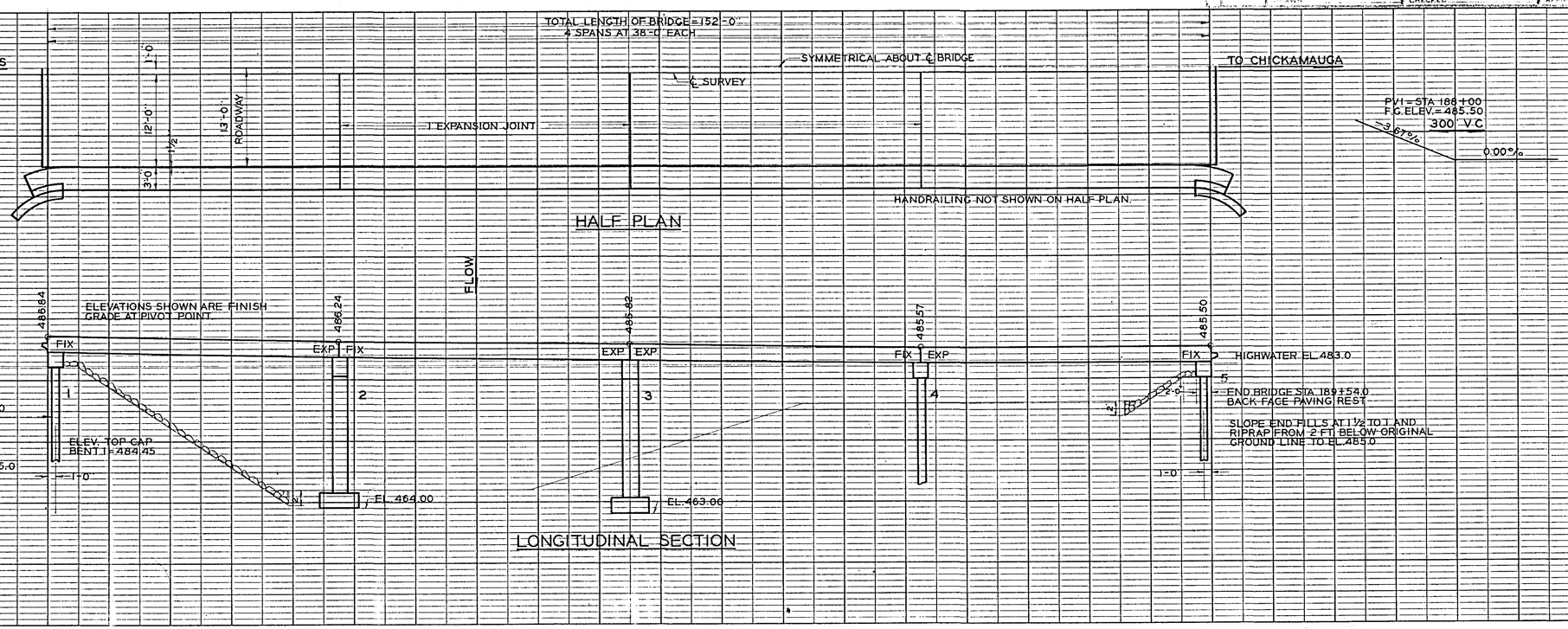

PLATE 1 - PLAN - PROFILE C.P.R. & R.E. STANDARD
KEUFFEL & ESSER CO., NEW YORK.

PLAN — SURVEYED, PLOTTED, ALIGNMENT CHECKED, R/W CHECKED, NOTE BOOK, NO., BY, DATE

PROFILE — SURVEYED, PLOTTED, GRADES CHECKED, R/W CHECKED, STRUCTURE NOTATIONS CHKD, NOTE BOOK, NO., BY, DATE