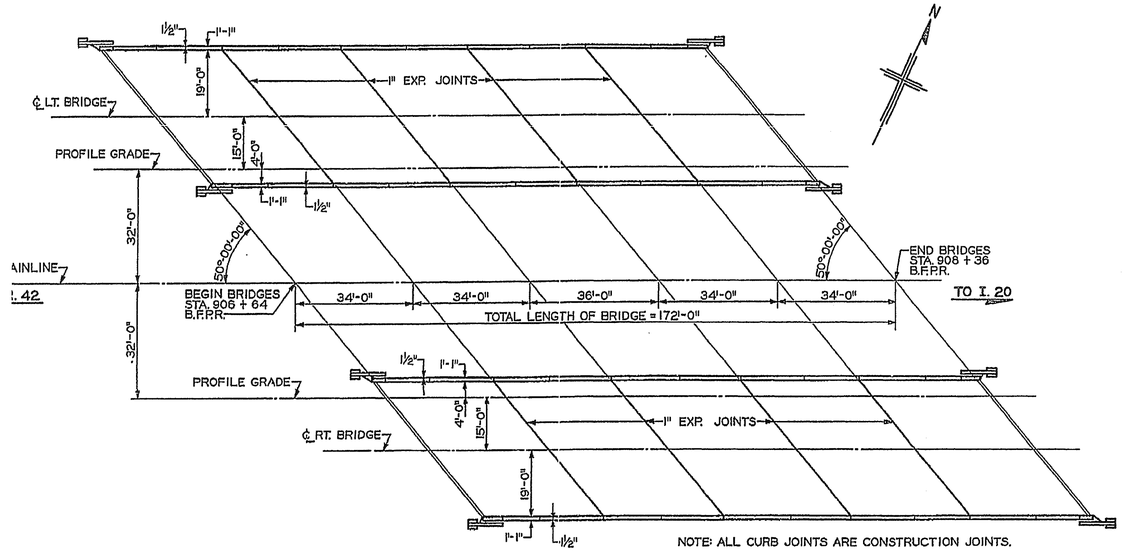
STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	NHS-0002-00(754)	127	146

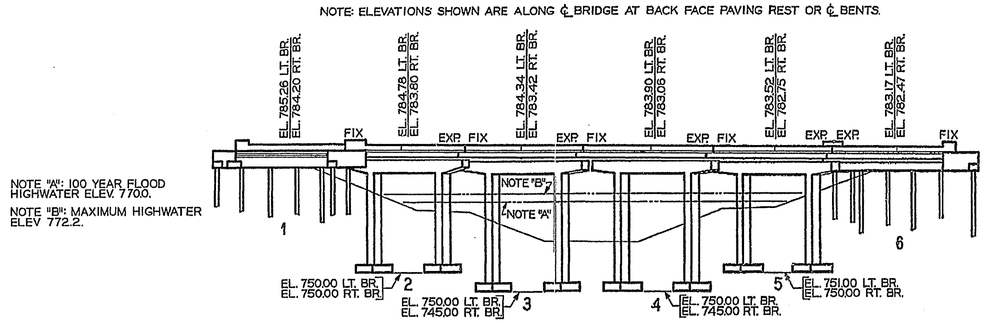


NOTE: ALL CURB JOINTS ARE CONSTRUCTION JOINTS.

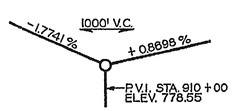
PLAN

NOTE: HANDRAILING NOT SHOWN.

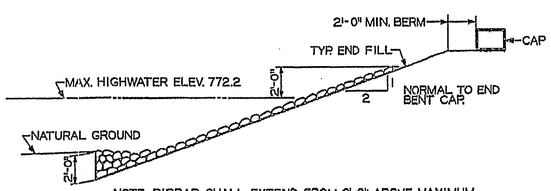
NOTE: ELEVATIONS SHOWN ARE ALONG ℄ BRIDGE AT BACK FACE PAVING REST OR ℄ BENTS.



TYPICAL ELEVATION



GRADE DATA



NOTE: RIPRAP SHALL EXTEND FROM 2'-0" ABOVE MAXIMUM HIGHWATER TO 2'-0" BELOW NATURAL GROUND AT END FOLLS. RIPRAP SHALL BE CONTINUOUS AROUND END FOLLS & SHALL EXTEND 20'-0" BEYOND END OF WINGWALL AT EACH END.

RIPRAP DETAILS

NO SCALE

EACH BRIDGE CONSISTS OF

2 - 34'-0" CONCRETE "T" BEAM END SPANS ----------SPECIAL DESIGN
2 - 34'-0" CONCRETE "T" BEAM INTERMEDIATE SPANS -- SPECIAL DESIGN
1 - 36'-0" CONCRETE "T" BEAM INTERMEDIATE SPAN --- SPECIAL DESIGN
2 - STEEL "H" PILE END BENTS ---------- SPECIAL DESIGN
4 - CONCRETE INTERMEDIATE BENTS ---------- SPECIAL DESIGN
ALUMINUM HANDRAILING ---------- GEORGIA STANDARD NO.3626(7-21-65) OR
FERROUS METAL HANDRAILING ----- GEORGIA STANDARD NO.3629(7-21-65)
BAR BENDING DETAILS ---------- GEORGIA STANDARD NO.3900(7-2-63)
EXCAVATION DETAILS ---------- GEORGIA STANDARD NO.9037(6-9-60)

DRAINAGE DATA

DRAINAGE AREA ---------- 3.380 ACRES
AREA OF OPENING UNDER HIGHWATER --- 687 SQUARE FEET

GENERAL NOTES

SPECIFICATIONS: GEORGIA STANDARD.

ALL CONCRETE SHALL BE CLASS "A" UNLESS OTHERWISE NOTED.

END FILLS SHALL BE IN PLACE AND COMPACTED TO BOTTOMS OF CAPS AT LEAST 60 DAYS BEFORE END BENT PILES ARE DRIVEN.

COST OF ANY EXCAVATION NECESSARY FOR END BENT CONSTRUCTION SHALL BE INCLUDED IN PRICE BID FOR CLASS "A" CONCRETE.

CHAMFER ALL EXPOSED EDGES $\frac{3}{4}$" UNLESS NOTED. ALL CHAMFERS SHALL BE FORMED WITH MILL CUT AND DRESSED CHAMFER STRIPS.

THE FOLLOWING SURFACES SHALL RECEIVE A RUBBED FINISH: VERTICAL FACES OF PARAPETS AND SLAB, VERTICAL FACE OF EXTERIOR BEAM AND END BENT CAP AND 36" ENDWALL OUTSIDE OF EXTERIOR BEAM ON MEDIAN SIDE OF BRIDGE. ALL EXPOSED SURFACES OF END POST AND WINGWALLS.

COST OF EXPANSION MATERIAL, ASPHALT SATURATED FELT, ELASTOMERIC POLYMER JOINT SEALER, ASBESTOS SHEET PACKING, AND OTHER INCIDENTAL ITEMS SHALL BE INCLUDED IN PRICES BID FOR CONTRACT ITEMS.

DRIVE ONE 33'-0" - 12 BP 53 TEST PILE AT BENT 1 LEFT AND ONE 38'-0" - 12 BP 53 TEST PILE AT BENT 6 RIGHT.

TEST PILES SHALL BE DRIVEN TO REMAIN IN PLACE AS PERMANENT PILES.

DRIVE ALL PILES TO ROCK.

ROADWAY SURFACE, CURBS AND HANDRAILING SHALL CONFORM TO TRUE LINE AND GRADE. POSTS SHALL BE VERTICAL

CLEARING AND GRUBBING OF BRIDGE SITE SHALL BE PAID FOR AS A ROADWAY ITEM.

FOR OTHER GENERAL NOTES SEE GEORGIA STANDARDS NO. 3626 OR 3629, 3900, 9037 AND SPECIAL PROVISIONS.

SUMMARY OF QUANTITIES

LEFT	RIGHT	
LUMP	LUMP	SUPERSTRUCTURE CONCRETE
LUMP	LUMP	SUPERSTRUCTURE REINFORCEMENT STEEL
[illegible]	328	LIN. FT. ALUMINUM HANDRAILING (GA.STD.NO.3626)(7-21-65) OR
328	328	LIN. FT. FERROUS METAL HANDRAILING (GA.STD.NO.3629)(7-21-65)
214	226	CU. YDS. CLASS "A" CONCRETE
44,826	46,307	LBS. BAR REINFORCEMENT STEEL
380	394	LIN. FT. STEEL "H" PILING (12 BP 53)
1	1	EACH STEEL "H" TEST PILES (12 BP 53)
1	1	EACH LOADING TESTS (IF REQUIRED)
456	590	CU. YDS. BRIDGE EXCAVATION NO.1
700	700	SQ. YDS. SAND CEMENT RIPRAP OR
438	438	TONS STONE PLAIN RIPRAP

GEORGIA REGISTERED No. 4571 ROBERT E. HARDY Date 12-31-65 ENGINEER ROAD & AIRPORT DESIGN

DESIGN DATA

SPECIFICATIONS - A.A.S.H.O., 1961 THRU T-64

TYPICAL HS20-44 AND/OR MILITARY LOADING - IMPACT ALLOWED

FUTURE PAVING ALLOWANCE = 15 LBS. PER SQ. FT.

SPREAD FOOTINGS AT BENTS 2, 3, 4, AND 5 LEFT, 2, 3, AND 4 RIGHT DESIGNED FOR ALLOWABLE SOIL PRESSURE OF 10 KIPS PER SQ. FT.

SPREAD FOOTINGS AT BENT 5 RIGHT DESIGNED FOR ALLOWABLE SOIL PRESSURE OF 7 KIPS PER SQ. FT.

BRIDGES NO. 7 LT. & 7 RT.

STATE HIGHWAY DEPARTMENT OF GEORGIA
BRIDGE DEPARTMENT

PLAN AND ELEVATION
BRIDGES OVER DOOLITTLE CREEK
STA. 906 + 64 TO STA. 908 + 36
DEKALB COUNTY I. 285-1(42)117
SCALE: 1" = 20'-0" UNLESS NOTED SEPTEMBER 1965

REVISIONS: DATE | BY

BRIDGE SHEET 43 OF 57

DESIGNED R.E.H. | TRACED G.M.B.-B.J.W. | REVIEWED R.R.J.
DRAWN L.E.M. | CHECKED M.R.T. | APPROVED