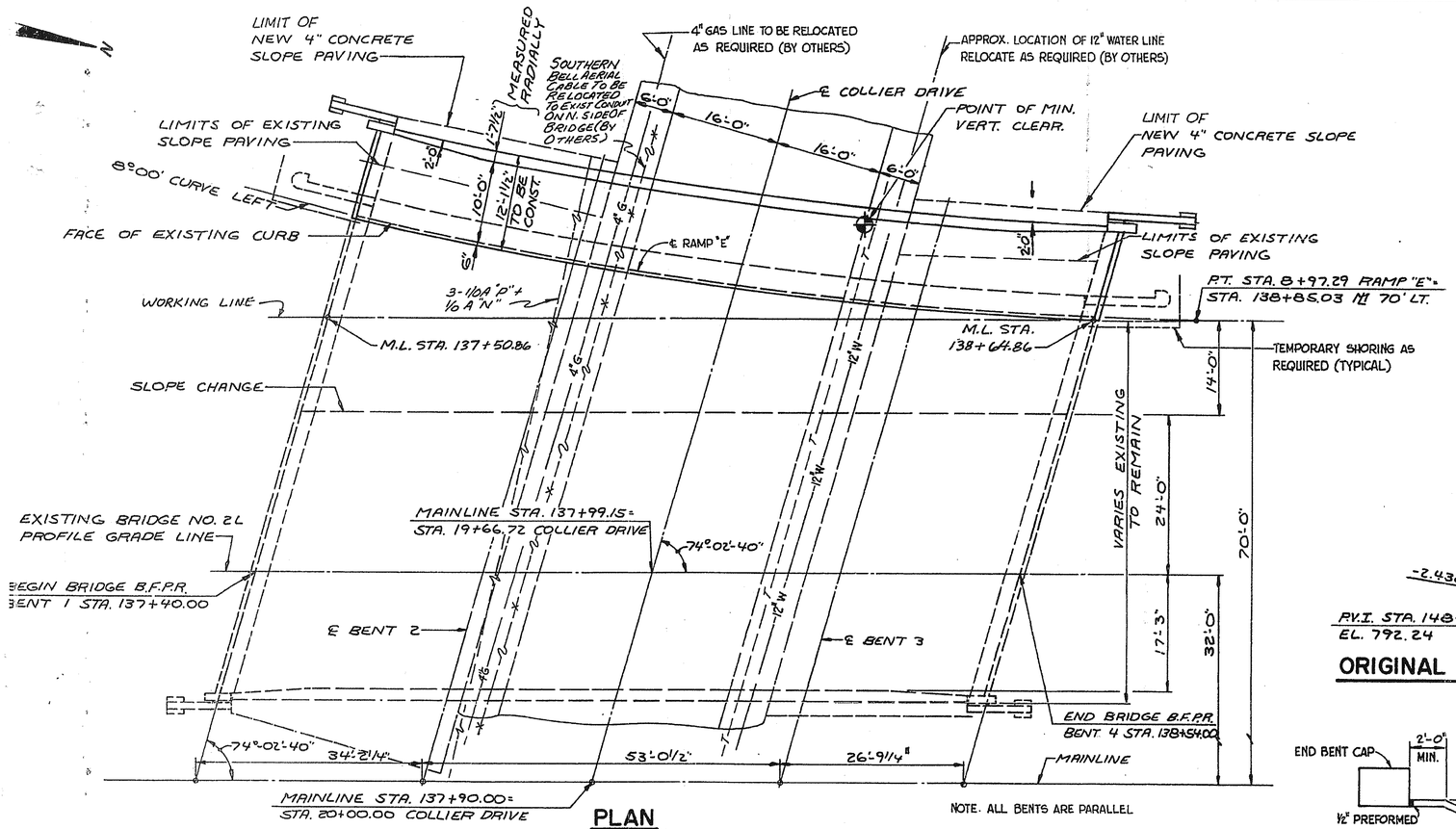
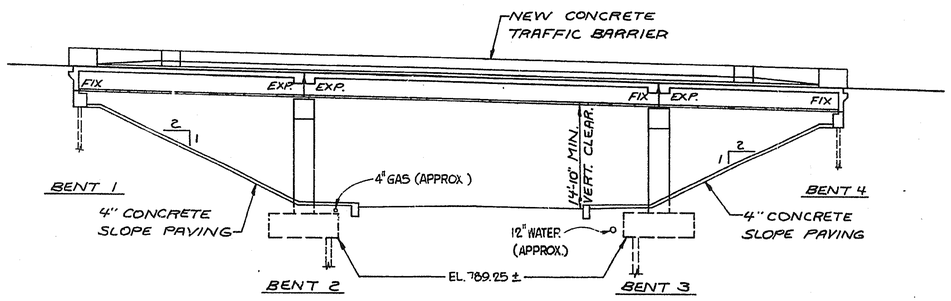
STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	CM-285-1(361)	138	234



PLAN

SCALE: 1" = 10'

NOTE. ALL BENTS ARE PARALLEL



ELEVATION

(TAKEN NORMAL TO ℄ COLLIER DRIVE)
SCALE: 1" = 10'

BRIDGE CONSISTS OF:

1 ROLLED BEAM SIMPLE SPAN 34'-2"± (NON-COMPOSITE)	SPECIAL	DESIGN
1 ROLLED BEAM SIMPLE SPAN 53'-0"± (COMPOSITE)	SPECIAL	DESIGN
1 ROLLED BEAM SIMPLE SPAN 26'-9"± (NON-COMPOSITE)	SPECIAL	DESIGN
2 STEEL "H" PILE END BENTS	SPECIAL	DESIGN
2 CONCRETE INTERMEDIATE BENTS	SPECIAL	DESIGN
CONCRETE TRAFFIC BARRIER	SPECIAL	DESIGN
BAR BENDING DETAILS	GA STD NO 3901 (8-69)	
TYPICAL FILL DETAIL AT END OF BIRIDGE	GA. STD. NO. 9037 (9-1-70)	
END POST AND END POST GUARDRAIL ATTACHMENT L = 4'-0", H = 2'-8", W = 1'-1"	GA STD. NO. 3053 (2-1-75)	

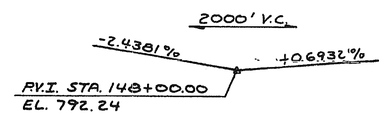
TOP OF EXISTING DECK ELEVATIONS

LOCATION	ELEVATION LT.	ELEVATION RT.
BENT 1	815.66	818.59
BENT 2	815.25	817.69
BENT 3	814.32	816.40
BENT 4	813.74	815.72

ELEVATIONS TAKEN AT TOP OF EXISTING CONCRETE DECK AT INTERSECTION WITH RT. OR LT. HAND GUTTER AT B.F.P.R. OR CENTERLINE OF BENT. (ALL ELEV.±)

HORIZONTAL CURVE DATA RAMP "E"

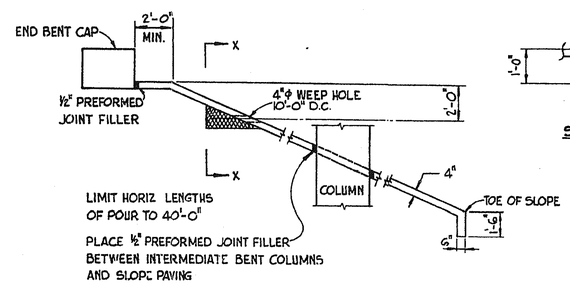
P.I. = STA. 8+01.03
D = 8°-00'
Δ = 15°-29'-44" LT
L = 193.73'
R = 716.20'
T = 97.44'
S.E. = 0.06'/FT. (NORMAL TO S.B.L)



ORIGINAL GRADE DATA, I-285 S.B.L.

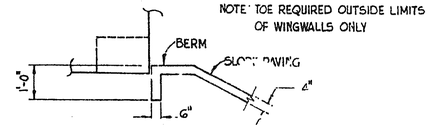
DESIGN DATA

SPECIFICATIONS: AASHTO 1977, INT. 1978, 1979, 1980
LOADING: HS20-44 AND/OR MILITARY LOADING, IMPACT ALLOWED.
f'_c = 3.0 KSI FOR SUBSTRUCTURE
f'_c = 3.5 KSI FOR SUPERSTRUCTURE
REINF. STEEL: ASTM A615, GRADE 40 f_y = 40 KSI
FUTURE PAVING ALLOWANCE = 30 LBS. PER SQ. FT.

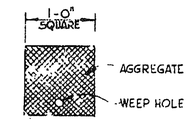


SLOPE PAVING DETAILS

NO SCALE



SLOPE PAVING DETAILS AT WINGS



SECTION X-X

SUMMARY OF QUANTITIES

BRIDGE NO. 2L

563	CU YD BR EXCAV GR SEP, BR NO 2L
94	SQ YD CONC SLOPE PAV, 4 IN
LUMP	SUPERSTR CONC (CL-AA) BR NO 2L (61.6) △3
42.5	CU YD CL A CONC
LUMP	STR STEEL - BR NO 2L (30,765)
6600	LB BAR REINF STEEL
LUMP	SUPERSTR REINF STEEL - BR NO 2L (5790)
641	LIN FT PILING, IN PLACE, STEEL H, 12 BP 53
1	EACH LOAD TEST, STEEL H, 12BP53 (IF REQ'D)
LUMP	EPOXY COATED SUPERSTR REINF STEEL - BR NO 2L (5640)
LUMP	REM OF PARTS OF EXIST BR - STA. 137+40.00
△1 955	SQ YD GROOVING CONCRETE
LUMP	PAINTING EXISTING STEEL STRUCTURE STA. 137+40, BR NO 2L
31.4	CU YD BR BKFILL

GEORGIA REGISTERED No 12080 PROFESSIONAL ENGINEER DAVID G. SMITH
David G. Smith

NO.	DATE	REVISION	BY
3	8/1/16	REV QTY	HST
2	6/1/16	ADDED GA POWER AND SOUTHERN BELL LINES	KJ
1	5/27	REV. QTY.	KJ

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

PLANS PREPARED BY
OWEN AYRES & ASSOCIATES INC
CONSULTING ENGINEERS
GAINESVILLE, GEORGIA

BRIDGE NO. 2L
WIDENING SBL I-285 OVER M 9045 (COLLIER DRIVE)
PLAN AND ELEVATION
FULTON-COBB CO.
SCALE: AS SHOWN
I-FI-285-1(167)

DESIGNED BY	D.G.S.	DESIGN CHECKED	J.L.F.
DRAWN BY	G.L.D.	PLANS CHECKED	D.G.S.
DATE	1-81	SHEET 1 OF 11	