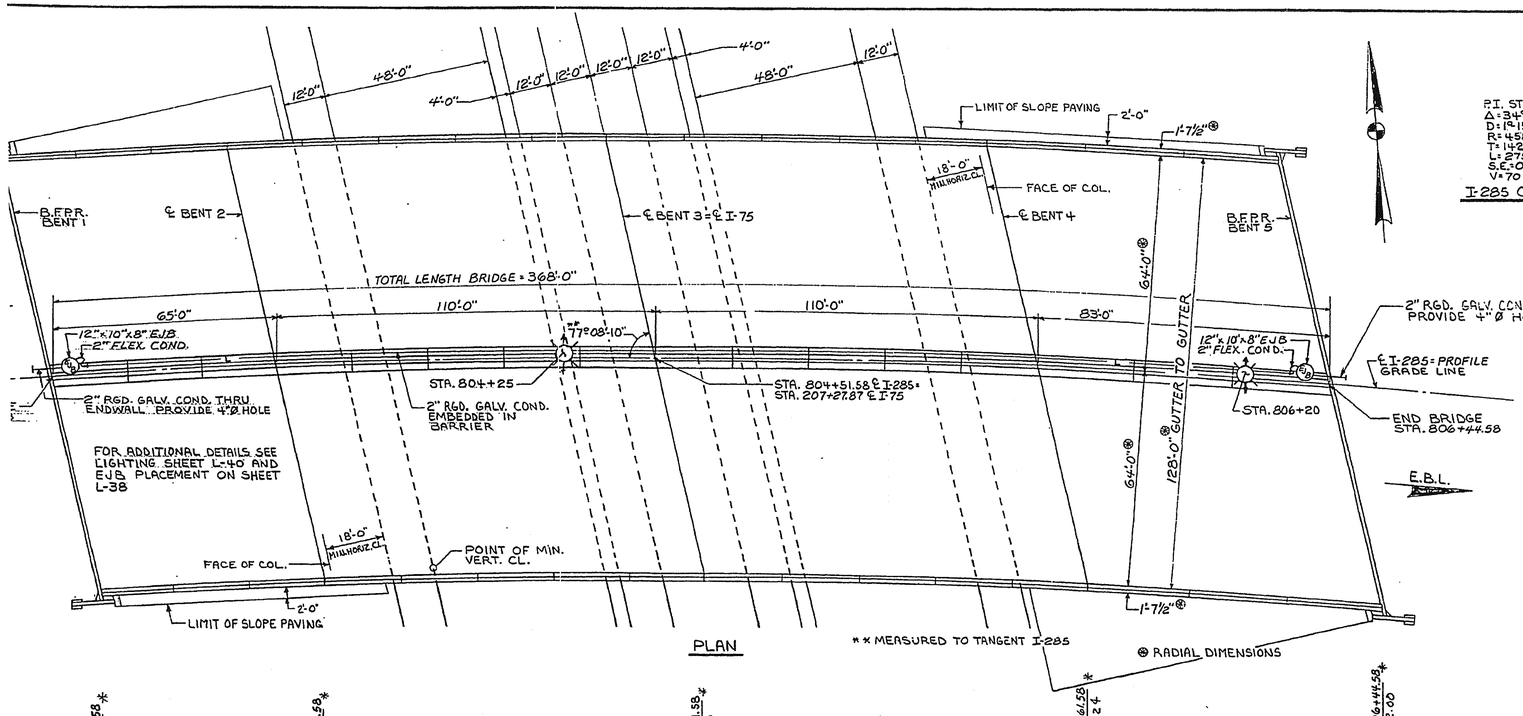
F:\FOLDER\DATA\BRI28667\AA3940.TIF

I-118

STATE	PROJECT NUMBER	SHEET NO	TOTAL SHEETS
GA.	NHS-0002-00(754)	95	146

PROJECT NUMBER	SHEET NO	TOTAL SHEETS
[redacted]		



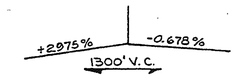
PLAN

** MEASURED TO TANGENT I-285

⊛ RADIAL DIMENSIONS

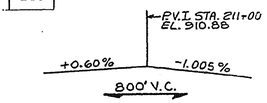
P.I. STA. 802+28.08
Δ = 34° 29' 38"
D = 14° 15' 00"
R = 4583.76'
T = 1423.02'
L = 2759.56'
S.E. = 0.0455'/FT.
V = 70 M.P.H.

I-285 CURVE DATA

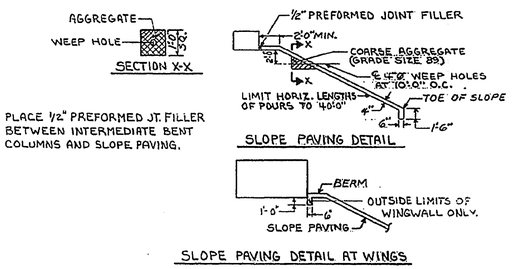


I-285 GRADE DATA

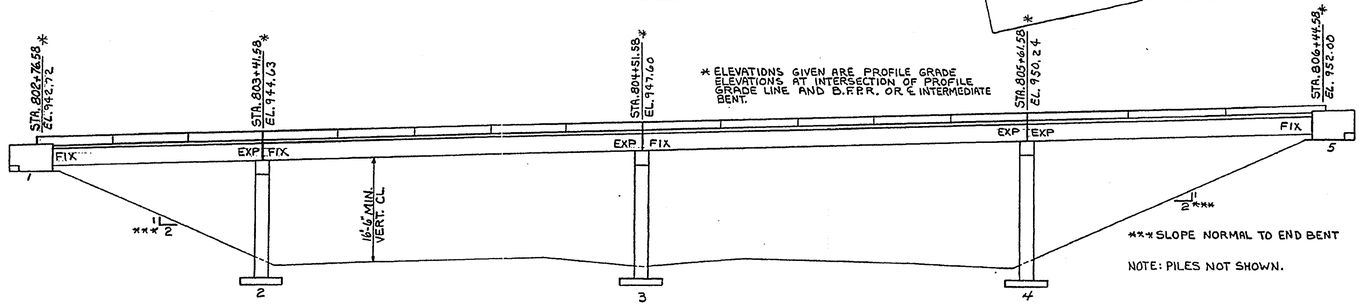
(SEE DEFINITION OF BRIDGE PROFILE GRADE LINES BRIDGE NO. 7A.)



I-75 GRADE DATA



NOTE: PLACE ½" PREFORMED JT. FILLER BETWEEN INTERMEDIATE BENT COLUMNS AND SLOPE PAVING.



* ELEVATIONS GIVEN ARE PROFILE GRADE ELEVATIONS AT INTERSECTION OF PROFILE GRADE LINE AND B.F.P.R. OR ℄ INTERMEDIATE BENT.

*** SLOPE NORMAL TO END BENT

NOTE: PILES NOT SHOWN.

ELEVATION

SUMMARY OF QUANTITIES

980	CU YD BR EXCAV, GR SEP, BR 7B
3255	SQ YD CONC SLOPE PAV., 4 IN
LUMP	SUPERSTR CONC (CL AA)- BR NO 7B (1647)
1010	CU YD CL A CONC
2336	LIN FT PSC BEAMS, AASHO TYPE 4, BR NO 7B
4220	LIN FT PSC BEAMS, AASHO TYPE 5, BR NO 7B
234674	LB BAR REINF STEEL
LUMP	SUPERSTR REINF STEEL - ~~BR NO 7B (1647)~~
LUMP	EPOXY COATED SUPERSTR REINF STEEL - BR NO 7B (1647)
14125	LIN FT PILING IN PLACE, STEEL H, 12 BP 53
1	EACH LOAD TEST, STEEL H, 12 BP 53 (IF REQD)
4968	SQ. YD. GROOVING CONCRETE
1	EACH BRIDGE DECK JOINT SEAL, BENT NO. 4

BRIDGE CONSISTS OF

65'-0" PSC GIRDER SIMPLE SPAN----------SPECIAL DESIGN
110'-0" PSC GIRDER SIMPLE SPANS----------SPECIAL DESIGN
83'-0" PSC GIRDER SIMPLE SPAN----------SPECIAL DESIGN
STEEL H-PILE END BENTS----------SPECIAL DESIGN
CONCRETE INTERMEDIATE BENTS----------SPECIAL DESIGN
BENDING DETAILS----------GA. STD.3901
CAL FILL DETAILS AT END OF BRIDGE-------GA. STD. 9037(9-1-70)
CRETE GLARE SCREEN----------GA. STD. 4940(3-16-81)

UTILITIES

NONE

GENERAL NOTES

SPECIFICATIONS - GEORGIA STANDARD DATED 1977
WAITING PERIOD - NO WORK SHALL BE STARTED AT BENTS 1, 2, 4 AND 5 UNTIL THE COMPLETED END FILLS HAVE BEEN IN PLACE FOR AN ESTIMATED PERIOD OF 30 DAYS.
PROTECTIVE SURFACE TREATMENT - PER SECTION 500.13C WILL BE REQUIRED AT THIS SITE.
REINFORCEMENT - ALL REINFORCEMENT SHALL BE PLACED AND TIED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.
DRIVING DATA PILES - ONE REQUIRED AT EACH OF BENTS 1, 3 AND 5.
PLAN DRIVING OBJECTIVE - SEE SUBSTRUCTURE DETAILS.
PROTECTIVE PLATFORMS WILL BE REQUIRED AT THIS SITE, SEE SUPPLEMENTAL SPECIFICATIONS. THE CONTRACTOR SHALL MAINTAIN A MINIMUM VERTICAL CLEARANCE OF 16'-0" DURING CONSTRUCTION.
GROOVED SURFACE FINISH OF CONCRETE DECK SHALL BE REQUIRED AT THIS SITE. SEE SPECIAL PROVISIONS.

DESIGN DATA

SPECIFICATIONS - AASHTO 1977, INT. 1978, 1979, 1980, 1981
TYPICAL HS20-44 LOADING AND/OR MILITARY LOADING-IMPACT ALLOWED.
FUTURE PAVING ALLOWANCE - 30 LBS PER SQ FT
CONCRETE: SUPERSTRUCTURE - f'c = 3500 PSI
SUBSTRUCTURE - f'c = 3000 PSI
△REINFORCEMENT: ASTM A-615 GRADE 40 fy = 40,000 PSI

BRIDGE NO. 7B

REVISIONS	BY	DATE
REVISED NOTE	PVL	11-16-82

GEORGIA
DEPARTMENT OF TRANSPORTATION
HIGHWAY DIVISION-BRIDGE DESIGN

PLAN AND ELEVATION

I-285 OVER I-75

CLAYTON-FULTON COUNTIES — I-FI-285-1(119) 69

SCALE: 1" = 20'-0" — JULY 1981

DESIGNED P.V.L. — TRACED — REVIEWED H.V.L.
DRAWN M.B.M. — CHECKED J.M.M. — APPROVED

BRIDGE SHEET 1 OF 24