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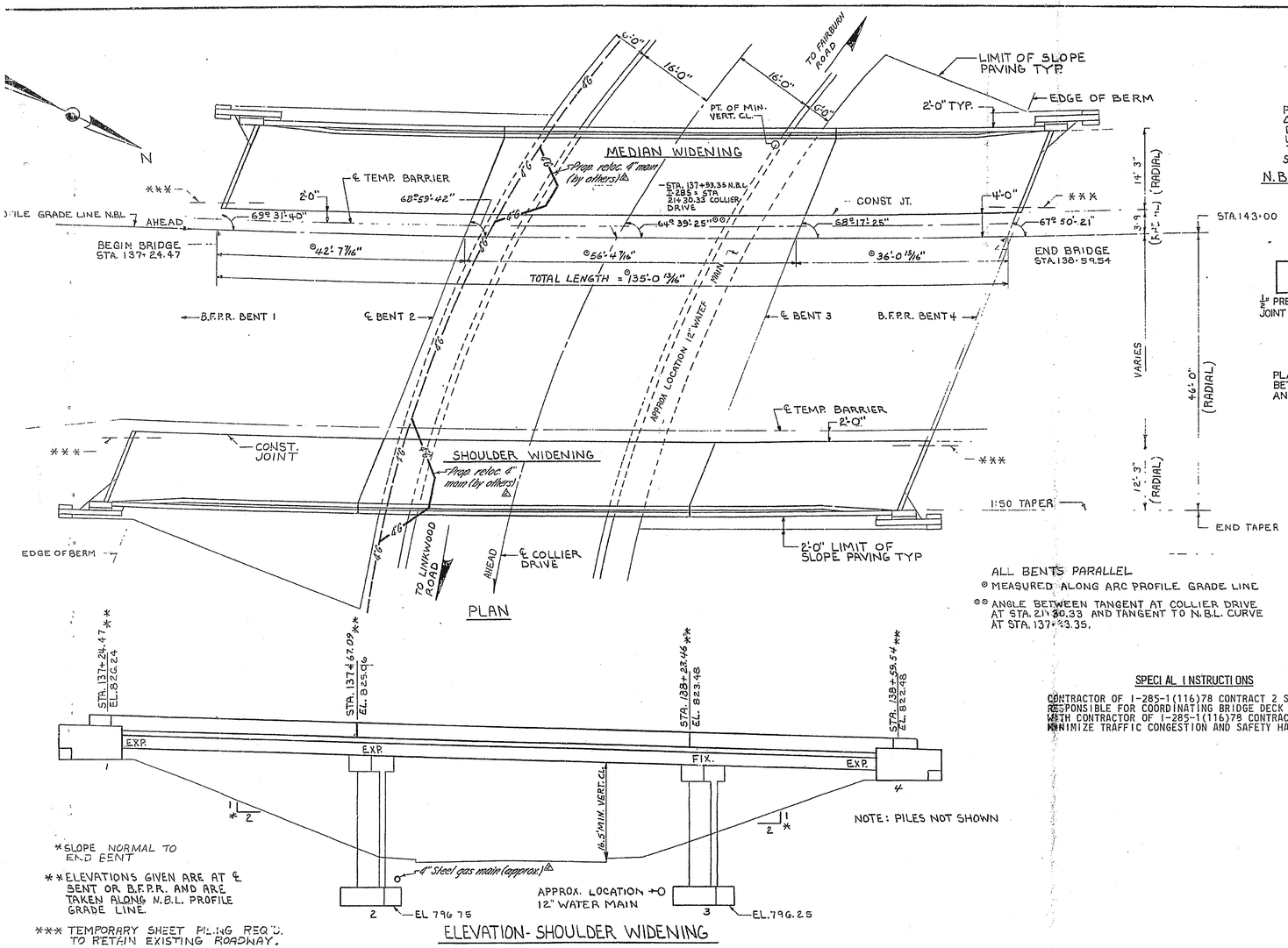
STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
G.A.	CM-285-1(361)	132	234



PLAN

P.I. STA. = 122+51.82
Δ = 45° 45' LT.
D = 1° 15'
LC = 3660.00
T = 1933.86
S.E. = 0.04'/FT.

N.B.L. I-285

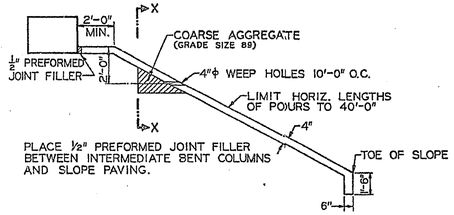
P.I. STA. = 22+60.85
Δ = 38° 31' LT.
D = 15° 20'
LC = 251.20'
T = 130.55'

COLLIER DRIVE

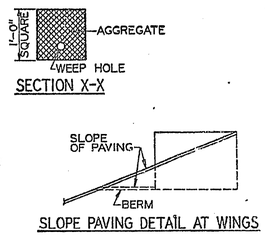
HORIZONTAL CURVE DATA

P.V.I. STA. 126+00
EL. 857.61
-2.7894 %

N.B.L. I-285 GRADE DATA



SLOPE PAVING DETAIL



SLOPE PAVING DETAIL AT WINGS

ALL BENTS PARALLEL

⊙ MEASURED ALONG ARC PROFILE GRADE LINE

⊙⊙ ANGLE BETWEEN TANGENT AT COLLIER DRIVE AT STA. 214+20.33 AND TANGENT TO N.B.L. CURVE AT STA. 137+93.35.

GENERAL NOTES

SPECIFICATIONS - GEORGIA STANDARD DATED 1972.

CHAMFER - ALL EXPOSED EDGES SHALL BE CHAMFERED 3/4 INCH UNLESS OTHERWISE NOTED.

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. WELDING OF REINFORCEMENT WILL NOT BE PERMITTED, EXCEPT AS SHOWN ON THE PLANS.

DRIVING DATA PILES - ONE REQUIRED AT EACH OF BENTS 1 LT., 2 RT., 3 LT. AND 4 RT.

PLAN DRIVING OBJECTIVE - SEE SUBSTRUCTURE DETAILS.

DIMENSIONS - ALL ELEVATIONS AND DIMENSIONS SHALL BE VERIFIED IN THE FIELD BEFORE ORDERING MATERIALS OR BUILDING FORMS. LIGHT LINES INDICATE EXISTING STRUCTURE, AND HEAVY LINES INDICATE THE NEW WORK.

PLANS FOR ORIGINAL BRIDGE - THESE DETAILS WILL BE MADE AVAILABLE (UPON REQUEST) TO THE LOWEST BIDDER AS INFORMATION ONLY.
PROJECT NO. I-285-1(24)78 FULTON COUNTY, BRIDGE NO. 28.

COST OF CLEANING AND BENDING OF EXISTING REINFORCEMENT, REWORKING OF ANY EXISTING SLOPE PAVING, EPOXY BONDING COMPOUND, AND ANY OTHER INCIDENTAL ITEMS SHALL BE INCLUDED IN PRICE BID FOR CONTRACT ITEMS.

THE COST OF FURNISHING, DRIVING, AND REMOVING TEMPORARY SHEET PILING SHALL BE INCLUDED IN THE OVERALL BID PRICE FOR CONTRACT ITEMS.

BEFORE DRIVING PILES AT INTERMEDIATE BENT 2 MEDIAN AND SHOULDER, CONTACT ATLANTA GAS LIGHT COMPANY TO LOCATE EXACTLY THE 4" GAS LINE.

BEFORE DRIVING PILES AT INTERMEDIATE BENT 3 MEDIAN AND SHOULDER, CONTACT CITY OF ATLANTA WATER DEPARTMENT TO LOCATE EXACTLY THE 12" WATER MAIN.

PROTECTIVE PLATFORM IS REQUIRED AT THIS SITE. SEE SPECIAL PROVISION.

*SLOPE NORMAL TO END BENT

**ELEVATIONS GIVEN ARE AT ℄ BENT OR B.F.P.R. AND ARE TAKEN ALONG N.B.L. PROFILE GRADE LINE.

*** TEMPORARY SHEET PILING REQ'D. TO RETAIN EXISTING ROADWAY.

ELEVATION- SHOULDER WIDENING

SPECIAL INSTRUCTIONS

CONTRACTOR OF I-285-1(116)78 CONTRACT 2 SHALL BE RESPONSIBLE FOR COORDINATING BRIDGE DECK CONSTRUCTION WITH CONTRACTOR OF I-285-1(116)78 CONTRACT 1 TO MINIMIZE TRAFFIC CONGESTION AND SAFETY HAZARDS.

BRIDGE CONSISTS OF

1 - 42'-9 7/16"; 56'-4 5/16"; 35'-11 1/8" W ROLLED BEAM CONT. UNIT ------ SPECIAL DESIGN

1 - 43'-0 3/4"; 56'-8 5/8"; 36'-1 7/8" W ROLLED BEAM CONT. UNIT --------- SPECIAL DESIGN

2 - WIDENED STEEL H PILE END BENTS ---------- SPECIAL DESIGN

4 - CONCRETE INTERMEDIATE BENTS ---------- SPECIAL DESIGN

BAR BENDING DETAILS ---------- GA. STD. NO.3901

TYPICAL FILL DETAIL AT END OF BRIDGE ---------- GA. STD. NO.9037(9-1-70)

END POST AND END POST GUARDRAIL ATTACHMENT ---------- GA. STD. NO.3053(2-1-75)
L = 4'-0"; H = 2'-8"; W = 1'-1"

UTILITIES

NONE

WORK CONSISTS OF

REMOVING EXISTING HANDRAILS, OVERHANG, AND PORTIONS OF END BENT CAPS.

DRIVING PILING, CONSTRUCTING NEW CAP EXTENSIONS AT END BENTS AND CONSTRUCTING INTERMEDIATE BENTS.

CONSTRUCTING NEW SUPERSTRUCTURE AS CALLED FOR ON THE PLANS.

DESIGN DATA

SPECIFICATIONS - A.A.S.H.O., 1972

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

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

SUMMARY OF QUANTITIES

186	CU YD BR EXCAV, GR SEP
62	CU YD BR BKFILL
224	SQ YD CONC SLOPE PAV, 4 IN
LUMP	SUPERSTR CONC (CL AA) - BR NO 2 RT
140	CU YD CL A CONC
LUMP	STR STEEL - BR NO 2 RT
21,615	LB BAR REINF STEEL
LUMP	SUPERSTR REINF STEEL - BR NO 2 RT
2,200	LIN FT PILING IN PLACE, STEEL H, 12 BP 53
1	EACH LOAD TEST, STEEL H, 12 BP 53 (IF REQD)
LUMP	REM OF PARTS OF EXIST BR - STA 137 + 93.35

BRIDGE NO. 2 RIGHT

GEORGIA
DEPARTMENT OF TRANSPORTATION
HIGHWAY DIVISION - BRIDGE DESIGN

PLAN AND ELEVATION

WIDENING I-285 N.B.L. BRIDGE OVER COLLIER DRIVE

FULTON COUNTY I-285-1(116)78 CT. 2

SCALE: 1" = 10'-0" UNLESS NOTED SEPTEMBER 1975

REVISIONS: BY | DATE | Added 4" gas main

BRIDGE SHEET 1 OF 15

DESIGNED D.A.D. - M.C.D. TRACED ____ REVIEWED L.R.P.
DRAWN M.B.M. CHECKED P.V.L. APPROVED ____