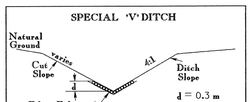
METRIC	PROJECT REFERENCE NO.	SHEET NO.
5 0 10	R-977A	EC-35/CONST.5A
CONST.REV.	HIGHWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
R/W REV.		

RIGHT OF WAY PLAN SHEET NUMBERS 5A AND 6

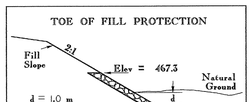
SPECIAL 'V' DITCH



Type of Liner = CLASS 'B' RIP RAP

FROM -YICIB- STA. 12+20 TO STA. 12+64 LT.
(EST. RIP RAP = 55 m.tons, FIL. FAB. = 110 sm)

TOE OF FILL PROTECTION



Type of Liner = CLASS 'II' RIP RAP

FROM -YICIB- STA. 12+49 TO STA. 13+61RT.
(EST. RIP RAP = 800 m.tons, FIL. FAB. = 800 sm)

TO ABOVE GROUND WATER TANK

WOODS

12+20.00 -YICIB- 155.000 (508.52 ft)

11+40.00 -YICIB- 155.000 (508.52 ft)

5Z

DB 259 PG 228

ABOVE GROUND WATER TANK

36.00cm (Ø25.01)

11.43cm (Ø17.51)

≈200 cl 600 U/G

TVA R/W

SLOPE STAKES LINE

-YICIB-
PI Sta 12+16.917
△ = 18° 57' 10.6" (LT)
L = 165.396
T = 83.460
R = 500.000

12+00

N 48°57'00" E 21.60

13+00

-YICIB- PT Sta.12+98.858

N 55°12'34" E 15.584

DB 259 PG 228

+60.000 -YICIB- 57.000 (187.01 ft)

N 88°30'00" W 16.07

8 x 3 x 1

N 47°27'10" E 28.956

6

DB 342 PG 241

+98.853 -YICIB- 57.000 (187.01 ft)

-YICIB- POT Sta.13+47.056

END CONSTRUCTION -YICIB- POC Sta.13+85.000

WOODS

+85.000 -YICIB- 3.963 (13.00 ft)

+85.000 -YICIB- 3.963 (13.00 ft)

RETAIN & EXTEND

52

2.0 BST

6.1 BST

US 64

2.1 HN 450 CMP

TSD

TSD_F

OMAU-350

2.1 UNIFORM TRANS. (6.6 TO 6.1)

EXISTING R/W

S 49° 14' 10.5" E

+85.000 -YICIB- 16.000 (52.48 ft)

51

SPECIAL DITCH GRADE

Std.BEP DRAINAGE OUTLET

450mm CSP W/ ELBOW TYPE "B" COAT.

50

REMOVE 1.2m

TRACT FBR-256

2

SPECIAL 'V' DITCH W/ CLASS 'B' RIP-RAP W/ FILFAB.

CL.I (NARROW GRATE)

HDWL

53

450mm CSP W/ ELBOWS TYPE "B" COAT.

CL."I" RIP RAP (2 TONS) & FILTER FABRIC (7 SM)

+20.000 -YICIB- 20.000 (65.60 ft)

-YICIB-

49

450mm CSP W/ ELBOWS

TEMPORARY PAVEMENT WIDENING

48

CL."I" RIP RAP (2 TONS) & FILTER FABRIC (7 SM)

CL."I" RIP RAP W/ FIL. FAB. (TOE OF FILL PROTECTION)

TRACT FBR-256

2

REMOVE 1.2m

+100.000 -YICIB- 32.000 (104.96 ft) BEGIN W.W.FENCE BEGIN C/A

TVA R/W

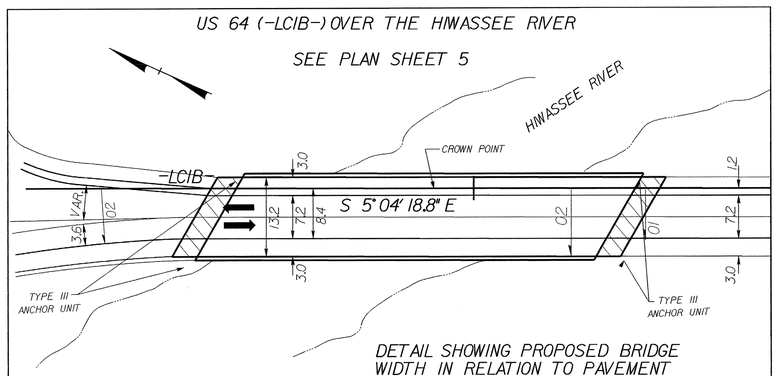
HIWASSEE RIVER

MATCH LINE SEE SHEET 5

MATCH LINE -YICIB- STA 12+00 SEE SHEET 5

US 64 (-LCIB-) OVER THE HIWASSEE RIVER

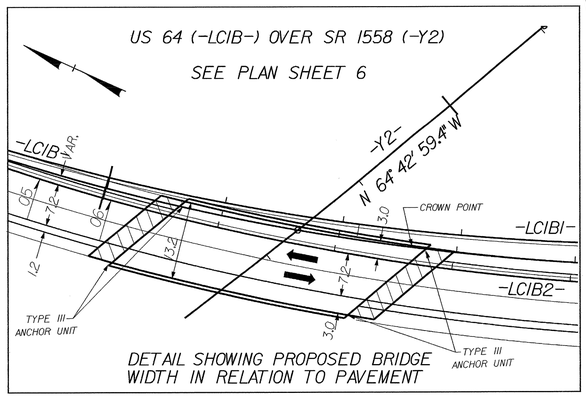
SEE PLAN SHEET 5



DETAIL SHOWING PROPOSED BRIDGE WIDTH IN RELATION TO PAVEMENT (NOT TO SCALE)

US 64 (-LCIB-) OVER SR 1558 (-Y2)

SEE PLAN SHEET 6



DETAIL SHOWING PROPOSED BRIDGE WIDTH IN RELATION TO PAVEMENT

SEE PROFILES FOR DITCH GRADES
SEE SHEET 51 FOR -YCIB- PROFILE