PROJECT REFERENCE NO.	SHEET NO.
R-977A	EC-60/CONST.30
HIGHWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
CONST.REV.	
R/W REV.	

METRIC 5 0 10

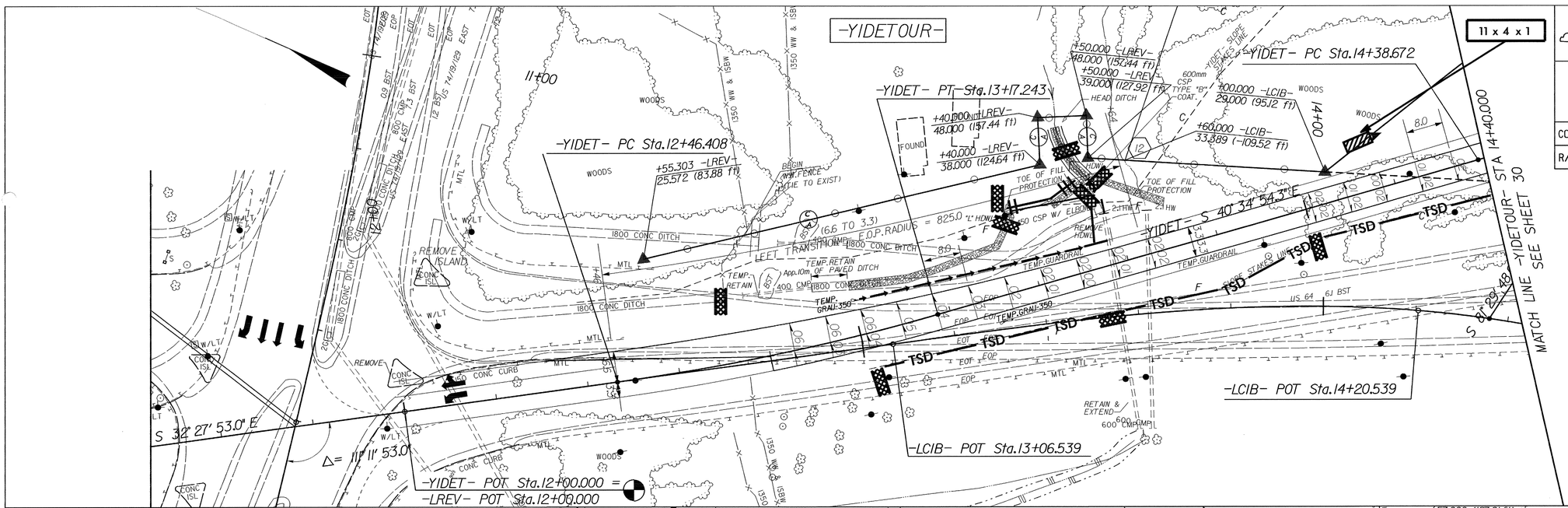
-YIDETOUR-

-YIDET-
PI Sta 12+81.885
Δ = 8° 07' 01.3" (LT)
L = 70.834
T = 35.477
R = 500.000
Se = 0.06
Ro = AS SHOWN
DS = 80 km/h

-YIDET-
PI Sta 14+83.729
Δ = 10° 17' 54.6" (RT)
L = 89.871
T = 45.057
R = 500.000
Se = 0.04
Ro = AS SHOWN
DS = 80 km/h

-YICIB-
PI Sta 10+02.431
Δ = 51° 12' 48.3" (RT)
L = 71.507
T = 38.341
R = 80.000
Se = 0.04
Ro = AS SHOWN
DS = 40 km/h

-YICIB-
PI Sta 12+16.917
Δ = 18° 57' 10.6" (LT)
L = 165.396
T = 83.460
R = 500.000
Se = 0.06
Ro = AS SHOWN
DS = 100 km/h



TOE OF FILL PROTECTION "B"

Natural Ground; Fill Slope; Filter Fabric; Max. w = 2.0 m; Min. d = 0.3 m

Type of Liner = CLASS 'B' RIP RAP

FROM -YIDET- STA.13+00 TO STA.13+38 LT. (EST. RIP RAP = 48 m.tons, FIL FAB. = 64 sm)

FROM -YIDET- STA.13+47 TO STA.13+55 LT. (EST. RIP RAP = 11m.tons, FIL FAB. = 14 sm)

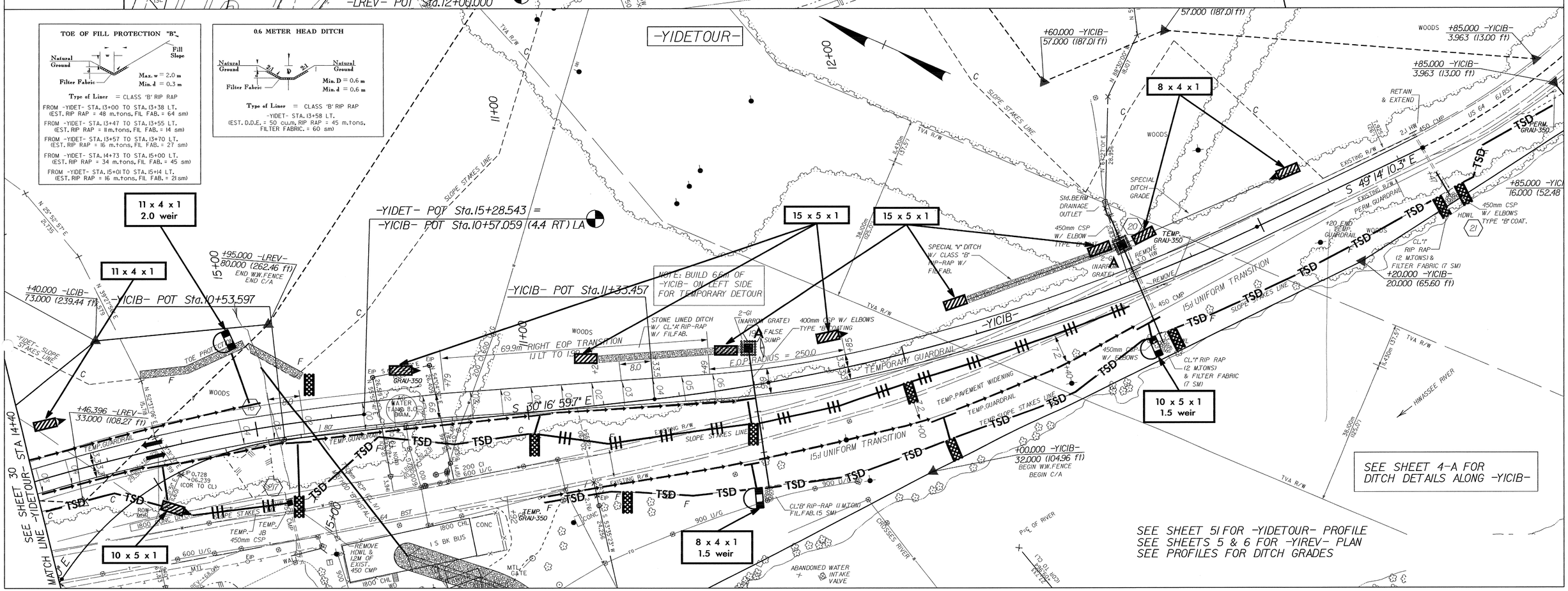
FROM -YIDET- STA.13+57 TO STA.13+70 LT. (EST. RIP RAP = 16 m.tons, FIL FAB. = 27 sm)

FROM -YIDET- STA.14+73 TO STA.15+00 LT. (EST. RIP RAP = 34 m.tons, FIL FAB. = 45 sm)

FROM -YIDET- STA.15+01 TO STA.15+14 LT. (EST. RIP RAP = 16 m.tons, FIL FAB. = 21 sm)

0.6 METER HEAD DITCH

Natural Ground; Filter Fabric; Min. D = 0.6 m; Min. d = 0.6 m

Type of Liner = CLASS 'B' RIP RAP

-YIDET- STA.13+58 LT.
(EST. D.D.E. = 50 cu.m, RIP RAP = 45 m.tons, FILTER FABRIC. = 60 sm)