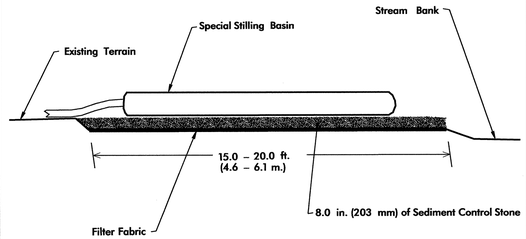
PROJECT REFERENCE NO.	SHEET NO.
B-3877	EC-3/CONST.4
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

SPECIAL STILLING BASIN WITH ROCK PAD



Not To Scale

Note: Provide Stabilized Outlet to Streambank

NOTE: UTILIZE SPECIAL STILLING BASIN AND/OR TEMPORARY ROCK SEDIMENT DAM TYPE – B AS STILLING BASIN WHERE APPLICABLE.

ENVIRONMENTALLY SENSITIVE AREA
SEE PROJECT SPECIAL PROVISIONS

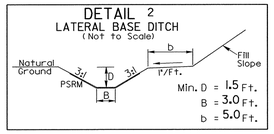
-L-

PI Sta 24+39.90	PI Sta 32+47.58
Δ = 47° 47' 42.9" (LT)	Δ = 10° 46' 51.4" (LT)
D = 3° 40' 22.1"	D = 5° 43' 46.5"
L = 1,301.33'	L = 188.16'
T = 691.22'	T = 94.36'
R = 1,560.00'	R = 1,000.00'

NOTE: PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE – B AND TEMPORARY ROCK SILT CHECKS TYPE – A AT DRAINAGE OUTLETS.

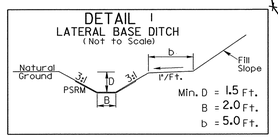
CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 4

DETAIL 2
LATERAL BASE DITCH
(Not to Scale)



FROM STA. 28+00 TO 30+00 -L- RT
EST. DDE 87 CY

DETAIL 1
LATERAL BASE DITCH
(Not to Scale)



FROM STA. 27+50 TO 30+00 -L- LT
EST. DDE 263 CY

NAD 83/95

-L- STA. 20+50.00 BEGIN STATE PROJECT B-3877

-L- STA. 31+50.00 END STATE PROJECT B-3877

-L- PC Sta. 17+48.68

-L- PT Sta. 30+50.00

-L- PC Sta. 31+53.22

LEWIS, JOSEPH ISSAC DB 895 PG 270

CITY OF WILSON DB 1487 PG 965

CITY OF WILSON DB 1484 PG 499

BOSTON, DIANE S. DB 1136 PG 617

WILLOUGHBY, JOHNNIE MELVIN DB 1622 PG 257

CITY OF WILSON PB 25 PG 387

GPS B3877-2 PINC 13+15.05
-L- STA 19+27.88 OFFSET 11.27' LEFT

BL-101 PINC 18+89.36
-L- STA 25+04.69 OFFSET 12.86' RIGHT

BL-102 PINC 24+79.48
-L- STA 30+91.47
OFFSET 25.75' RIGHT

50 x 7 x 3
4' weir

20 x 10 x 3
4' weir

35 x 18 x 3
4' weir

60 x 10 x 3
4' weir

CLASS "II" RIP RAP TO ELEV. 160.3

PSH
SEE DETAIL

BEGIN SBG
-L- STA. 24+38 LT

END SBG
STA. 30+05 -L- LT

PROPOSED 2 @ 65'-1@ 50'
36" PRESTRESSED CONCRETE GIRDER
NO DECK DRAINS ON BRIDGE
REMOVE EXISTING BRIDGE

CLASS "II" RIP RAP TO ELEV. 161.5

CL B RIPRAP EST. 5.5 TONS EST. 14 SY FF

CL B RIPRAP EST. 2.1 TONS EST. 7 SY FF

15" CSP W/ELBOWS

5' x 10' CL B RIPRAP PAD EST. 5.5 TONS EST. 14 SY FF

LATERAL BASE DITCH GRASS LINED SEE DETAIL 1

LATERAL BASE DITCH GRASS LINED SEE DETAIL 2

EXCAVATION TO +/- NG

EXCAVATED AREA TO BE REVEGETATED. REFOREST ONLY THE PORTION OUTSIDE OF THE PROPOSED R/W TO MATCH EXISTING TREE LINE.

TURKEY CREEK

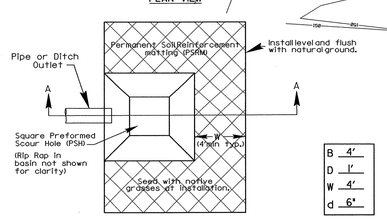
CLAUDE LEWIS ROAD

WOODS

GRAU-350

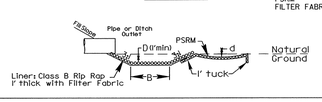
PREFORMED SCOUR HOLE

PLAN VIEW



SECTION A-A

CLASS "B" RIP RAP = 4 TONS
PSRM = 25 SY
FILTER FABRIC = 6 SY

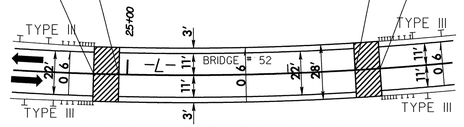


BEG. BRIDGE
-L- STA. 24+90.65

BEG. APPROACH SLAB
-L- STA. 24+76.65

END BRIDGE
-L- STA. 26+70.65

END APPROACH SLAB
-L- STA. 26+84.65



SKETCH SHOWING BRIDGE/PAVEMENT RELATIONSHIP

NOTE: SEE SHEET 5 FOR -L- PROFILE