

POT Sta. 133+94.17
 Boot Spike
 N20°W 17.52' 14" Maple
 S20°W 18.00' 8" Maple
 S85°E 33.96' 4" Maple

BM No. 16, El. 884.15
 MSHD tag in South
 root 11" Maple
 82' Rt. Sta. 135+90

POT Sta. 138+33.15
 Boot Spike
 N45°E 07.53' 4" Beech
 N25°W 10.58' 6" Maple
 S30°W 07.35' 2" Elm

POT Sta. 140+56.16
 Boot Spike
 S40°E 02.55' 3" Poplar
 S40°W 14.38' 6" Maple
 N15°W 09.20' 6" Maple

BM No. 17, El. 873.28
 MSHD tag in SE
 root 10" Y. Birch
 78' Lt. Sta. 141+14

PI Sta. 146+90.70
 Boot Spike
 N60°E 27.57' 6" Maple
 S25°E 16.78' 12" Balsam
 N80°W 21.10' 6" Maple

Const. & Curve Data
 $\Delta = 48^\circ 24' 55''$
 $D = 4^\circ 00'$
 $R = 1432.39'$
 $T = 643.97'$
 $E = 138.10'$
 $L = 1210.38'$
 PC Sta. 140+32.68
 PI Sta. 146+90.70
 PT Sta. 152+43.06
 Superelevate 0.031ft

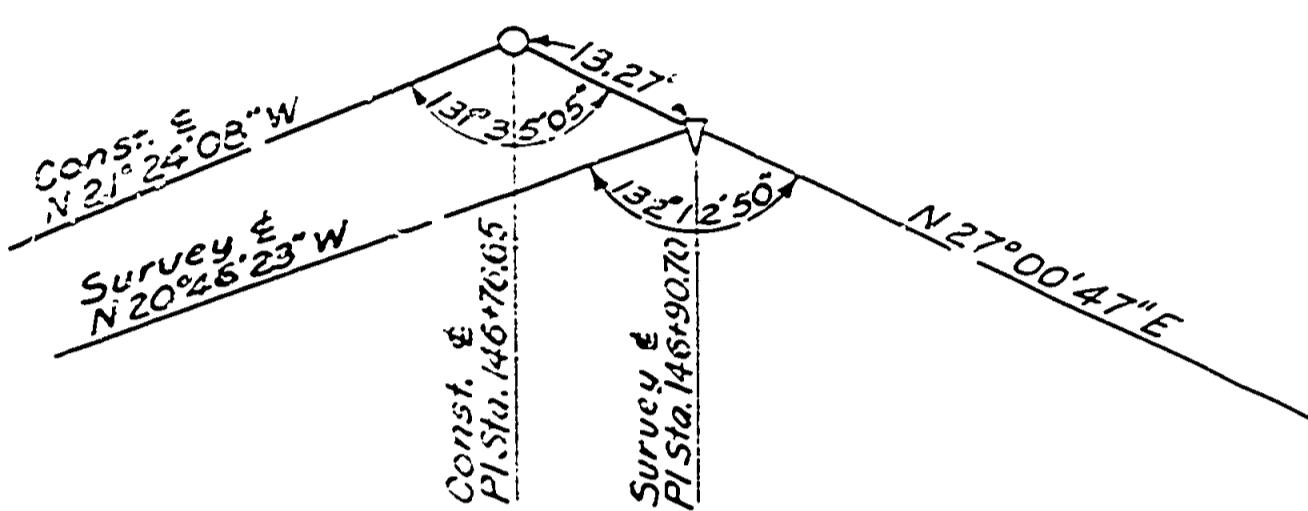
Curve Data
 $\Delta = 47^\circ 47' 10''$ R/L
 $D = 4^\circ 00'$
 $R = 1432.39'$
 $T = 634.64'$
 $E = 134.26'$
 $L = 1184.85'$
 PC Sta. 140+56.16
 PI Sta. 146+90.70
 PT Sta. 152+50.81

PI Sta. 152+50.81
 Boot Spike
 West 13.62' 10" Maple
 S70°E 11.71' 3" Maple
 N50°E 13.25' 8" Maple

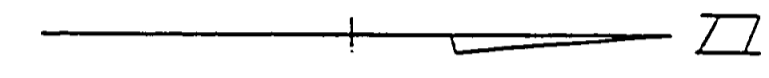
BM No. 18, El. 859.36
 MSHD tag in SE
 root 5" Maple
 65' Lt. Sta. 147+80

BM No. 19, El. 818.38
 MSHD tag in SE
 root 6" Ironwood
 100' Lt. Sta. 153+90

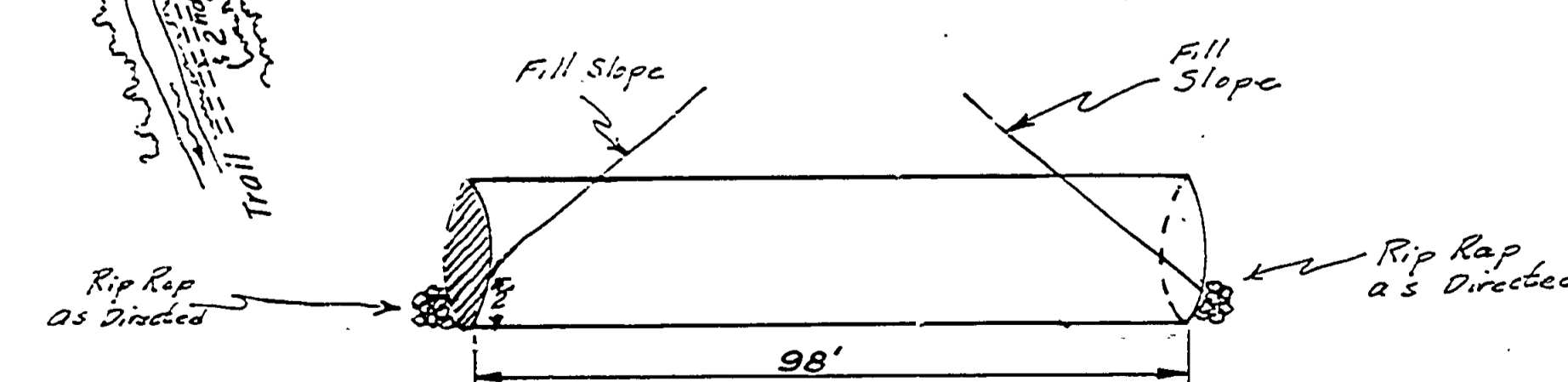
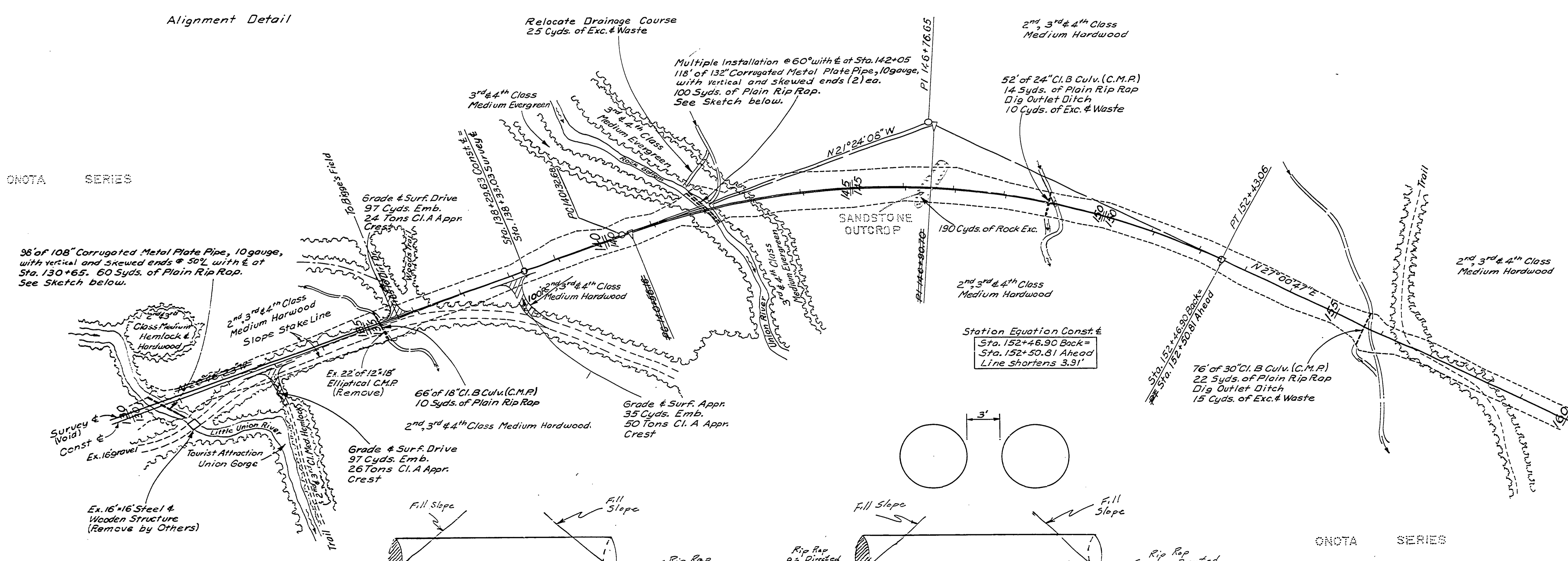
B.P. & DIV. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	MICH.	51040(7)			
ROUTE	PROJECT	COUNTY	TWP.	SHEET NO.	TOTAL SHEETS
1040	66-55	Oshtemo	Comp Lake	9	17
B.P. & DIV. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	MICH.				
ROUTE	PROJECT	COUNTY		SHEET NO.	TOTAL SHEETS



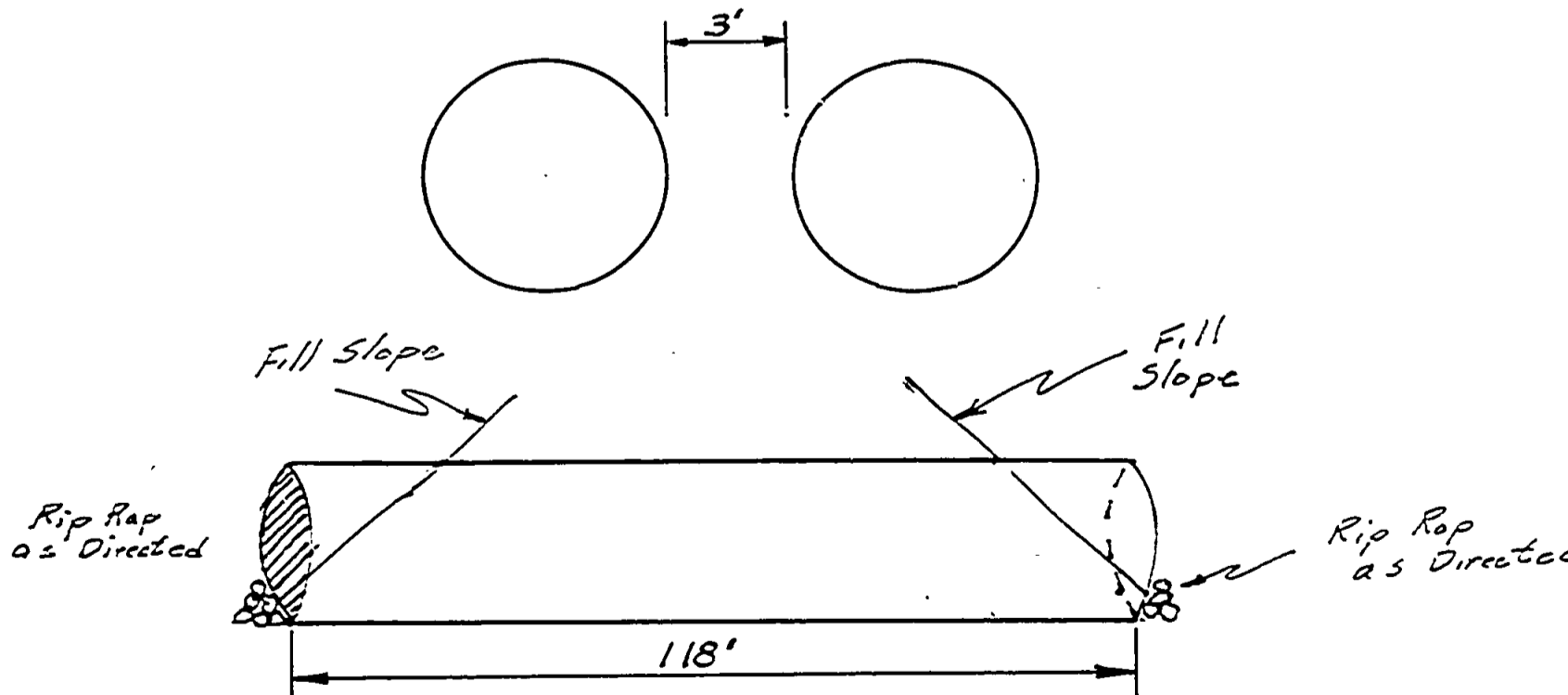
Alignment Detail



ONOTA SERIES



Detail of 108" Culvert @ Sta. 130+65
 No Scale



Detail of Twin 132" Culverts @ Sta. 142+05
 No Scale

Grubbing
 Sta. 130+00 to Sta. 160+00
 Grubbing 800 Snds.

ONOTA SERIES

Squad: Bindemann 1963