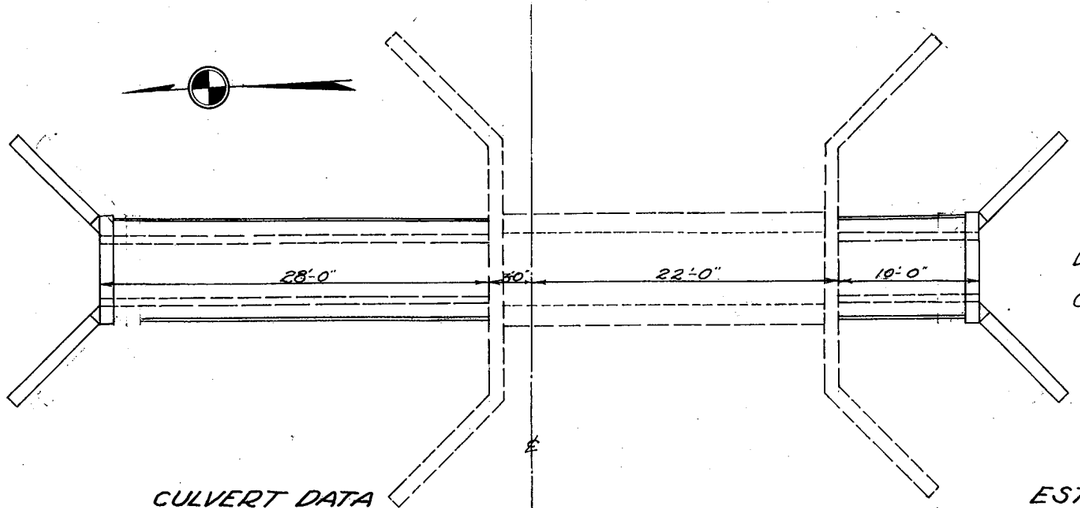


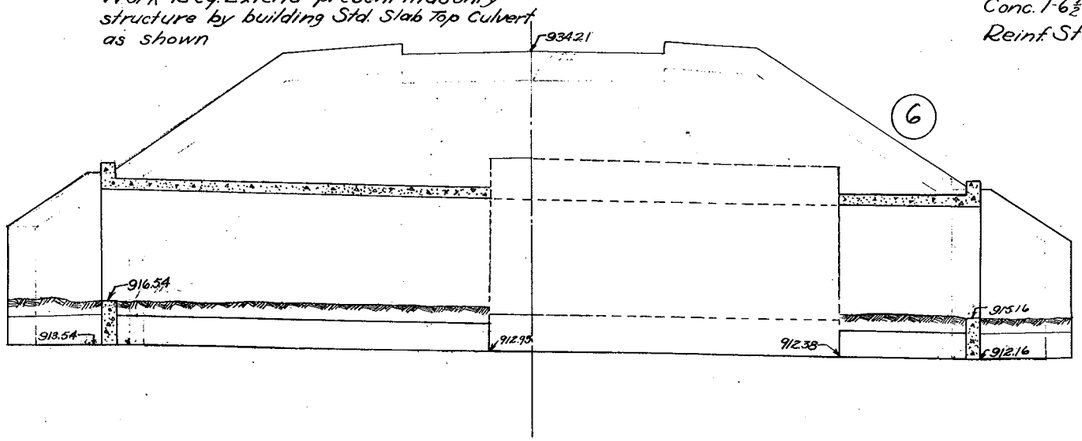
Drawn by W.L.B.
Date Aug. 1929
Checked by
Date Div. Engr.

CULVERT DATA

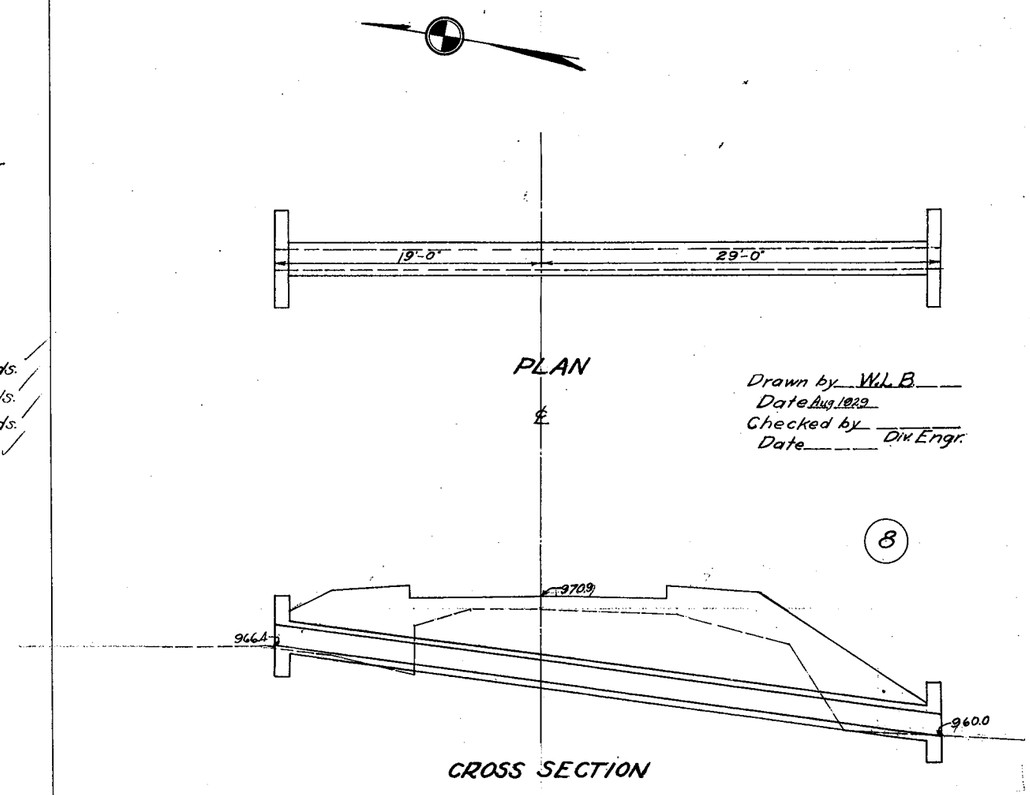
Type - Std. Slab Top Culvert. Dr. SC-A
Size - 5'x8'x38'-0" (Total length of barrel)
Work Req - Extend present masonry structure by building Std. Slab Top Culvert as shown

EST. QUANTITIES

Excav.	= 350 Cu. yds.
Conc. 1-5½	= 44.1 Cu. yds.
Conc. 1-6½	= 21.6 Cu. yds.
Reinf. Steel	= 2639 #



STA 105+07



PLAN

CROSS SECTION

Drawn by W.L.B.
Date Aug. 1929
Checked by
Date Div. Engr.

CULVERT DATA

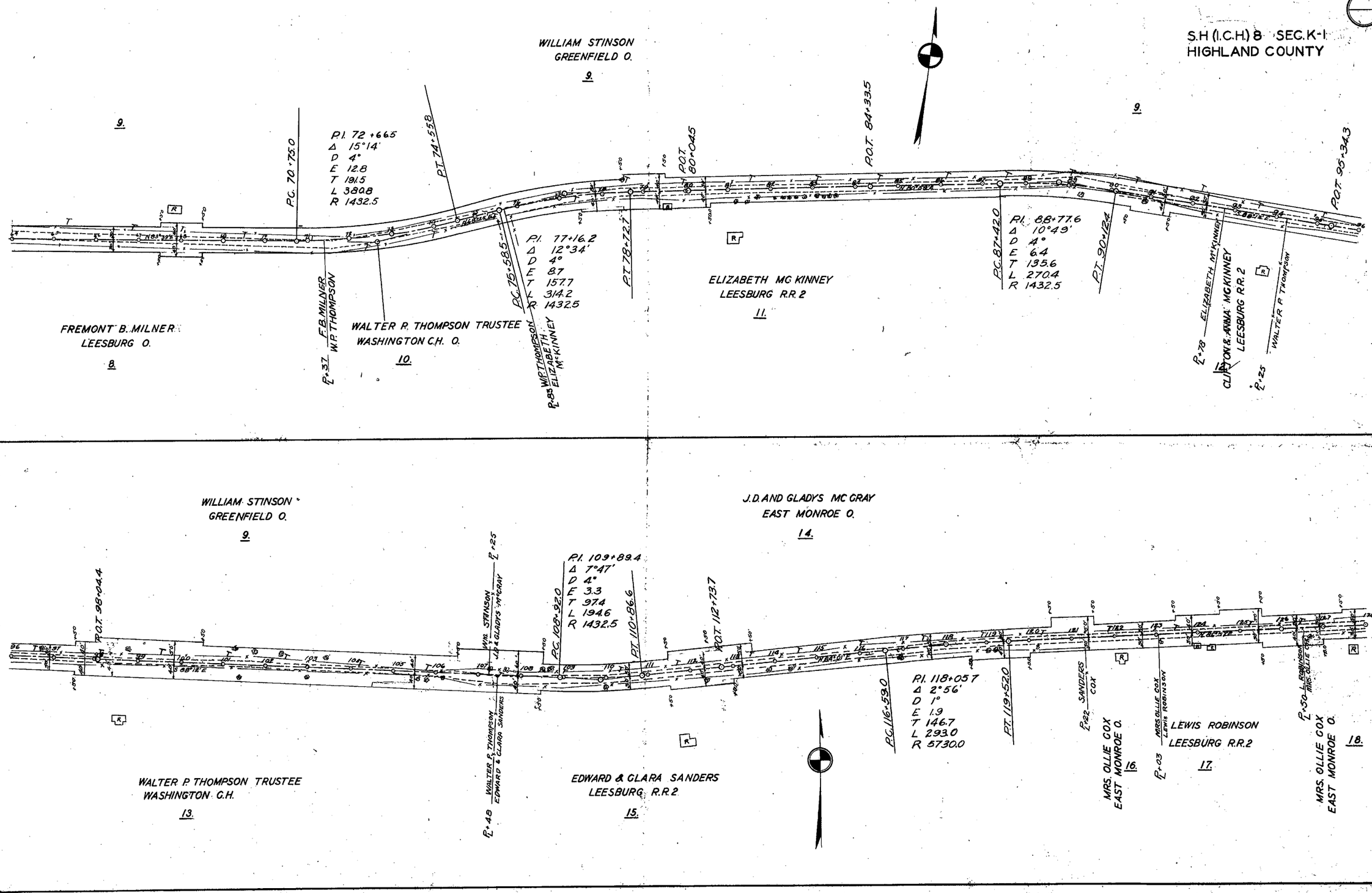
Type Std. V.S.P. Culvert Dr #300
Size 18"x48'
Work Req Remove old 18" gal. pipe Culvert. Build Std. 18" V.S.P. (enc.) Culvert.

EST. QUANTITIES

Excav.	= 27.0 Cu. yds.
Conc. 1:5½	= 2.7 Cu. yds.
Conc. 1:8	= 7.5 Cu. yds.
Reinf. Steel	= 80 #
18" V.S.P.	= 48 Lin. ft.

STA. 131+64

S.H (I.C.H.) 8 SEC. K-1
HIGHLAND COUNTY



S.H. (I. C. H.) 8 SEC. K-1
HIGHLAND COUNTY

HIG. 28-0125

Sta 97+00 to 100+00 place 344 lin. ft. stone under-drain.

P.O.T. 98+04.4

Sta 97+28 Rt. Place 20"-12" Corr. I.P.

(6) Sta 105+07 Extend present masonry arch culvert by building Std 5'-8' Slab Top Culvert as shown.

Sta 106+20 Place 20"-42" Corr. I.P.

Sta 102+80 to Sta 106+48 Build Std. type D-3 guard rail (Both sides of road)

Sta. 106+50 to Sta 109+00 place 195 sq. yds. stone rip-rap. Ave. height 7'. Ave thickness 12". (Left side of embankment.)

P-29 WALTER P. THOMPSON
EDWARD & CLARA SANDERS

W. M. STINSON
J. D. & GLADYS MYERS

P.I. 109+89.4
Δ 7°47'
D 4°
E 3.3
T 97.4
L 194.6
R 1432.5

P.C. 108+92.0

P.T. 110+86.6

Sta 111+00 to 114 place 344 lin. ft. stone under-grain

Sta 111+40 Rt. Build private drive culv. 20"-12" Corr. I.P.

P.O.T. 112+73.7

Sta 113+28 Lt. Place 20"-12" Corr. I.P.

Sta 116+38 Lt. Place 20"-12" Corr. I.P.

P.C. 116+59.0

P.I. 118+05.7
Δ 2°56'
D 1°
E 1.9
T 146.7
L 293.0
R 5730.0

P.T. 119+52.0

Sta 118+20 to Sta 119+20 place 106 lin. ft. stone under drains

(7) Sta 123+03. Remove 2'-3'-30' Stone culvert. Build Std. 36"-62' V.S.P. culvert.

Sta 122+00 to Sta 123+44 Build 144' Std. type D3 guard rail on right.

P-32 SANDERS
MRS. OLLIE COX

Sta 121+42 Rt. Build private drive culv. 20"-18" Corr. I.P.

P-33 COX
LEWIS ROBINSON

P-30 ROBINSON
MRS. OLLIE COX

Sta 127+18 Rt. Build private drive culv. 20"-12" Corr. I.P.

CURVE DATA ON SHEET No. 9

B.M. Sta 104+80
Spike in 24" Hickory
W. bank, 40' Rt. of ℄
Elev. 918.75

Grade line shown is crown of finished pavement.

B.M. Sta 121+70
Spike, root of double
Ash in yard 40' Rt. of ℄
Elev. 970.04

991.66 988.45 980.61 973.61 966.61 959.61 952.61 945.61 939.16 935.21 933.88 935.21 939.16 945.61 952.61 959.61 966.61 973.56 978.51 979.91 980.57 981.17 981.31 979.46 979.13 974.41 967.61 960.61 955.33 954.38 953.89 955.93 959.13 963.33 964.38 967.33 972.56

V.P.I. 924.61 P.I. 979.91 P.I. 982.31 P.I. 950.81 P.I. 963.93

1000 990 980 970 960 950 940 930 920

V.C. 400' P.T. 92+30 -7.00% +7.00% P.C. 103+30 P.T. 108+60 V.C. 530' 926.7 923.1 926.4 +0.60% +7.00% P.C. 112+80 P.T. 115+00 V.C. 220' P.C. 116+49 P.T. 119+40 V.C. 300' -7.00% P.C. 121+00 P.T. 124+00 V.C. 300' +3.20% P.C. 126+00 V.C. 100' P.T. 127+00 P.C. 127+00 V.C. 540' +1.60%

993.7 991.0 986.2 978.0 969.1 958.4 948.1 938.6 930.4 926.7 923.1 926.4 935.2 940.8 951.9 962.2 971.7 977.4 978.5 978.3 981.6 981.8 980.5 976.4 967.6 959.2 951.5 949.9 956.1 959.4 960.2 966.2 973.8

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