

FED. AID DIST. NO.	STATE	FED. AID PROJECT	FISCAL YEAR
10	OHIO	459B	1928

1/67

STATE OF OHIO
DEPARTMENT OF HIGHWAYS
DIVISION OF HIGHWAYS
CLEVELAND CANTON ROAD

S.H.(I.C.H.) 460 SEC'S. C-1 & C-2 & D
PORTAGE COUNTY

354-B

The Standard Specifications of the State of Ohio, Division of Highways, in force on date of contract will govern this improvement.

I hereby approve these plans and declare that the making of this improvement will require the closing to traffic of the highway and that detours will be provided as shown on the plan and estimates.

I.C.H. NO. 460 SEC'S. C-1 & C-2 & D - P.E.T. NO. 6008, 6007 & 6477.

PORTAGE COUNTY

SUFFIELD-BRIMFIELD TOWNSHIPS NOV. 1927

Approved: H. L. Hubbell
Date, 9/1/28 Resident Engineer

Approved: L. A. Brun
Date, 5/1/28 Resident Deputy
State Highway Commissioner

Approved: Robt. D. Reigster
Date, 5/18/28 Chief Engineer
Bureau of Construction

Approved: _____
Date, _____ Chief Engineer
Bureau of Maintenance

Approved: J. P. Curkey
Date, 5/12/28 Chief Engineer
Bureau of Bridges

Approved: James J. Kirk
Date, 5-18-28 State Highway Engineer

Approved: E. F. Ahlesinger
Date, 5-18-28 Director of Highways

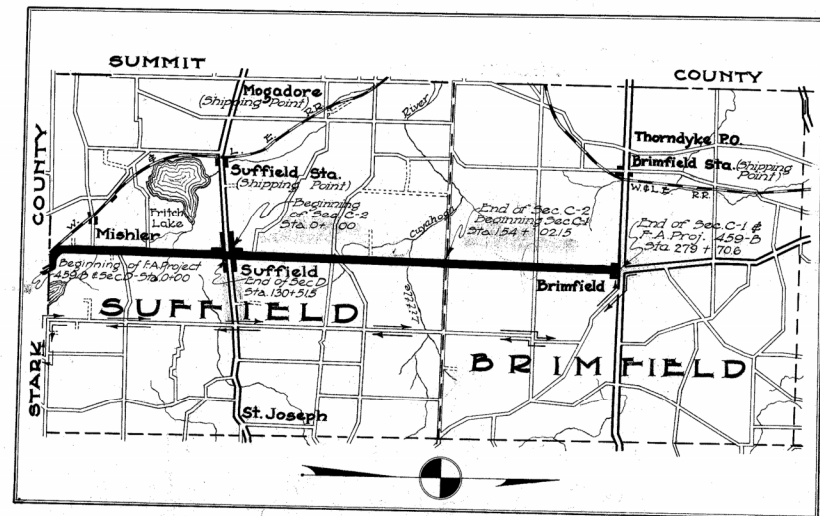
Recommended for Approval: _____
Date, _____ District Engineer
Bureau of Public Roads

Recommended for Approval: _____
Date, _____ Chief Engineer
Bureau of Public Roads

Approved: _____
Date, _____ Chief of Bureau

CONVENTIONAL SIGNS

State Line	-----
County Line	-----
Township Line	-----
Section Line	-----
Property Line not fenced	-----
Center Line	-----
City or Village Line	-----
Fence	-----
Telephone or Telegraph	TTTTT
Steam Railroad	-----
Electric Line	-----
Guard Rail	-----
Drain Pipe-new	-----
Drain Pipe-old	-----



LOCATION PLAN
SCALE OF MILES

We, the Commissioners of Portage County, hereby approve these plans and certify that the right-of-way 60 feet wide is available for the construction, maintenance and repair of the above highway.

Benitt B. Allen

E. E. Linton

A. G. Ewing

Date 5-22-28 County Commissioners

CONSTRUCTION BUREAU
OCT 6 1955
GROUND PHOTOLAB

PORTION TO BE IMPROVED
DETOURS SHOWN THUS
IMPROVED ROADS

SCALES

Plan	1" = 100'
Profile (Vertical)	1" = 10'
Profile (Horizontal)	1" = 100'
Cross Sections	1" = 5'

**INDEX OF SHEETS
PROJECT TRACINGS**

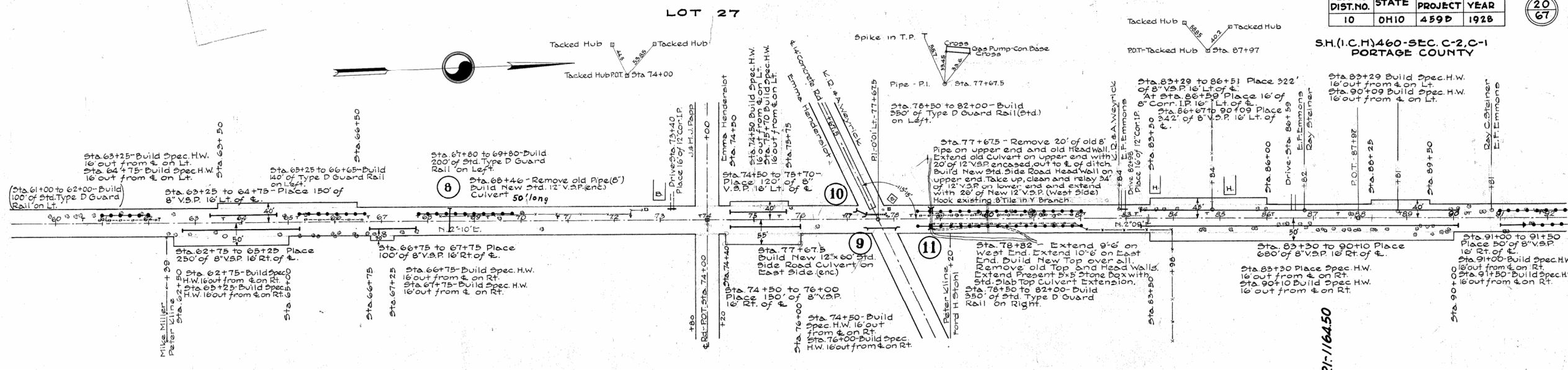
	Sec. D	Sec's. C-2 & C-1
Title Page	1	1
Typical Cross Section	2	2
Plans and Profiles	3-7 Incl.	18-27 Incl.
Cross Sections	9-14 Incl.	28-57 Incl.
Structural Plans	15-16 Incl.	58-65 Incl.
Summary Sheet	17	66-67 Incl.

Supplemental Prints of Structural Stds.
Std. Dr. No. 300, 301, 58, 2430, RRA, 105 A, B, C, & D.

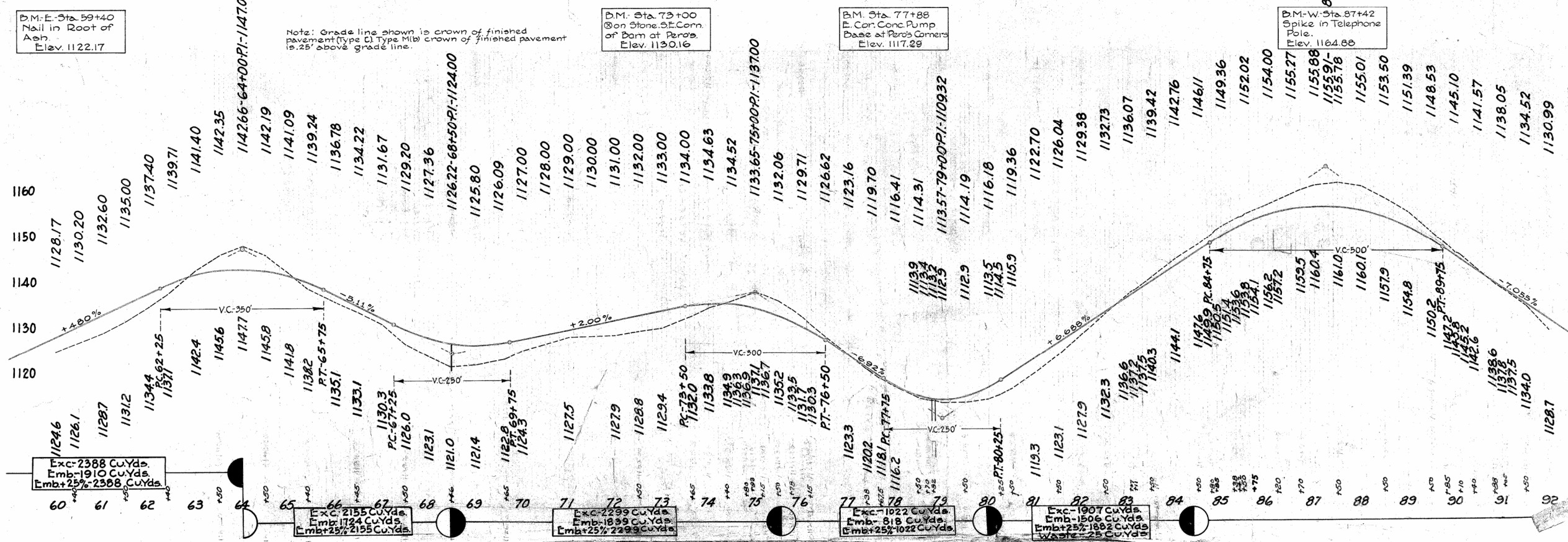
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S.H.(I.C.H.)460-SEC. C-2,C-1
PORTAGE COUNTY



LOT 24



B.M.-E. Sta. 59+40
Nail in Root of
Ash.
Elev. 1122.17

Note: Grade line shown is crown of finished
pavement (Type C) Type (M) crown of finished
pavement is .25' above grade line.

B.M. Sta. 73+00
S.E. Corn.
of Dam at Per's
Elev. 1130.16

B.M. Sta. 77+88
E. Cor. Conc. Pump
Base at Per's Corners
Elev. 1117.29

B.M.-W. Sta. 87+42
Spike in Telephone
Pole.
Elev. 1164.68

Exc. 2388 Cu.Yds.
Emb. 1910 Cu.Yds.
Emb+25% 2388 Cu.Yds.

Exc. 2155 Cu.Yds.
Emb. 1724 Cu.Yds.
Emb+25% 2155 Cu.Yds.

Exc. 2299 Cu.Yds.
Emb. 1899 Cu.Yds.
Emb+25% 2299 Cu.Yds.

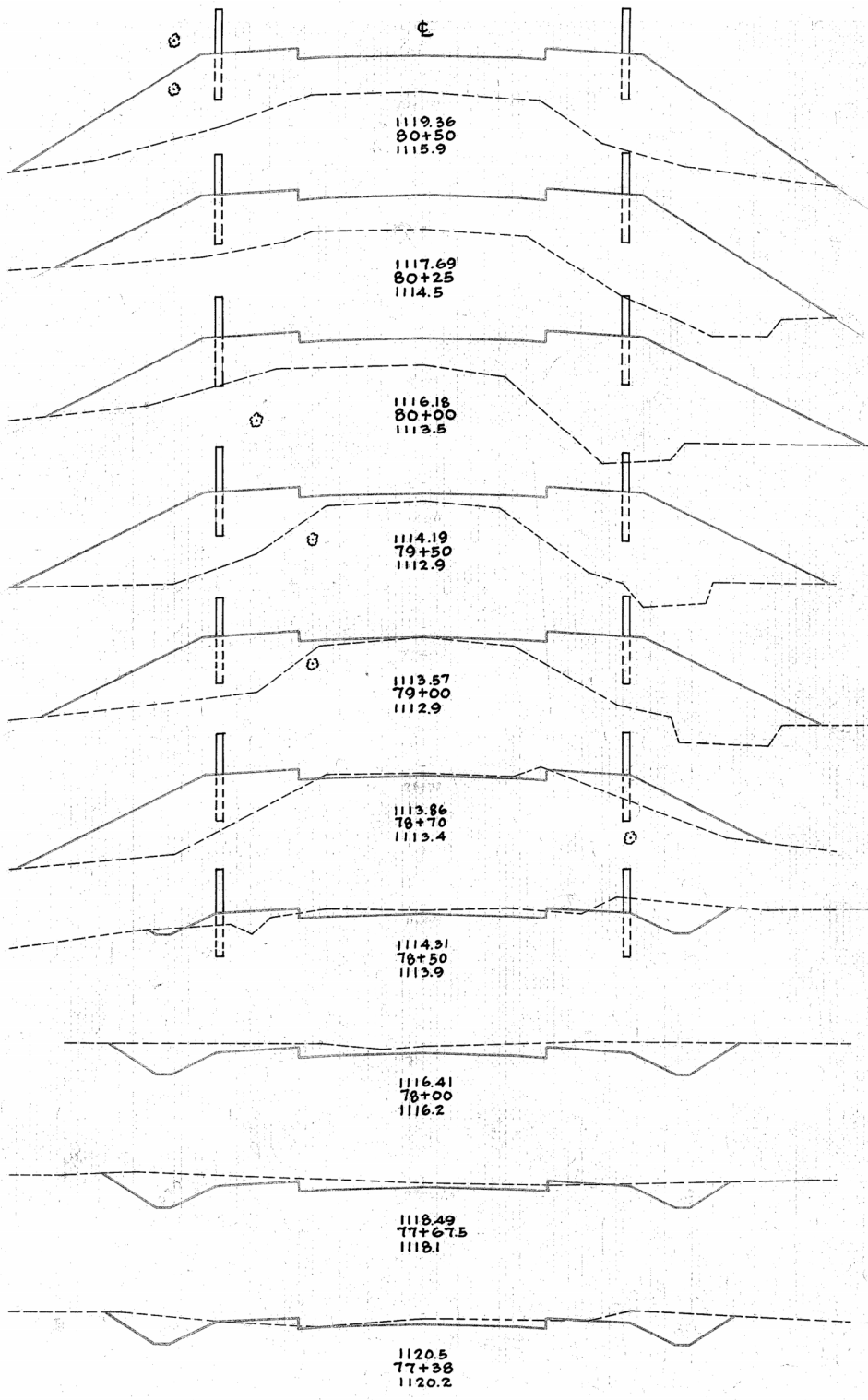
Exc. 1922 Cu.Yds.
Emb. 818 Cu.Yds.
Emb+25% 1922 Cu.Yds.

Exc. 1907 Cu.Yds.
Emb. 1506 Cu.Yds.
Emb+25% 1882 Cu.Yds.
Waste 25 Cu.Yds.

END AREA		CU. YDS.	
CUT	FILL	CUT	FILL
220			
		201	
215			
		199	
215		41	
		380	
		339	
195			
		313	
143			
		3	123
6	79		
		12	32
26	8		
		66	7
45			
		49	1
35	1		
		36	2
30	2		
		67	1

Exc. - 1022 CU. YDS.
Emb. - 812 CU. YDS.
Emb. + 25% - 1022 CU. YDS.

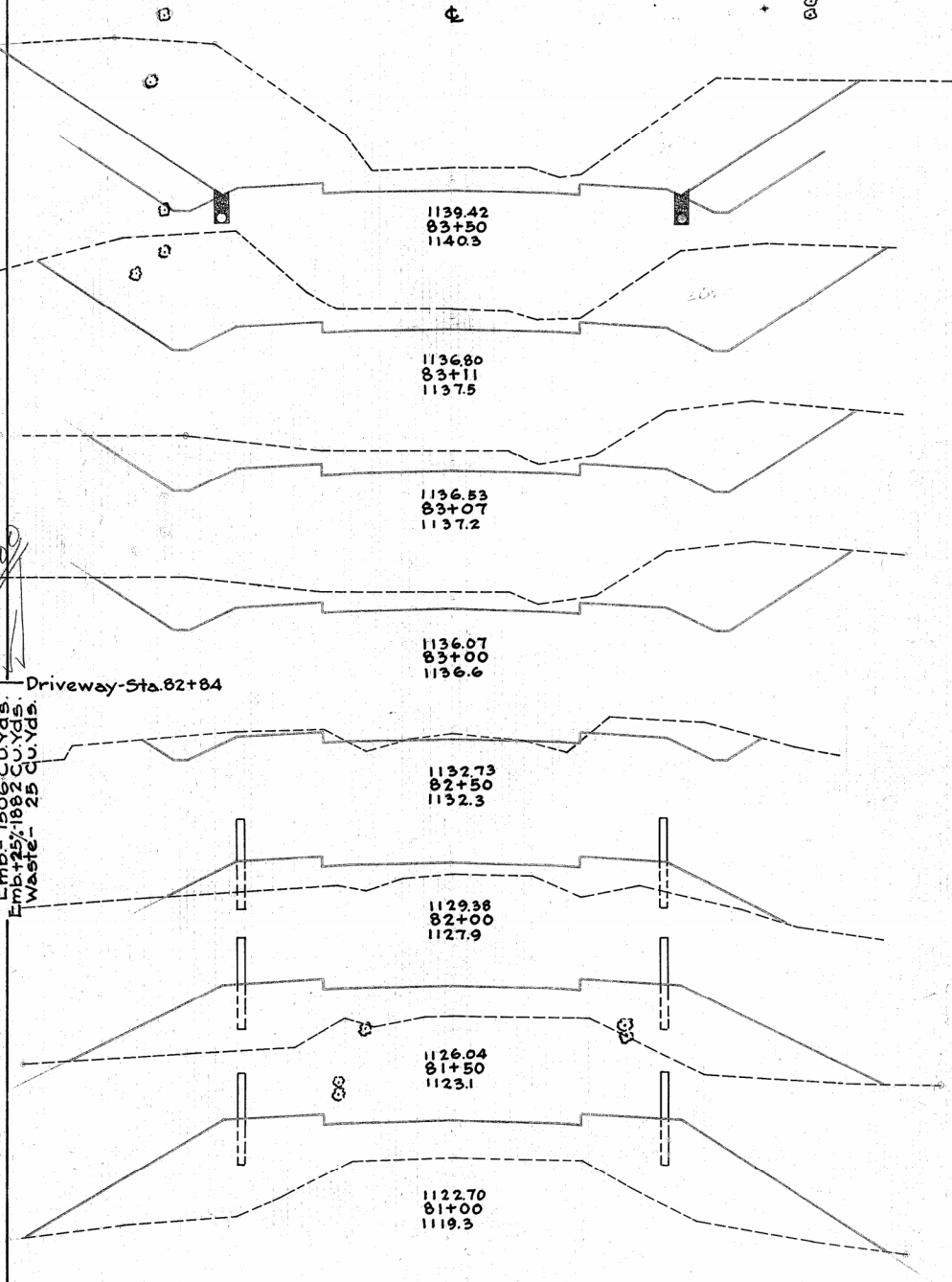
Sta. 79+95



END AREA		CU. YDS.	
CUT	FILL	CUT	FILL
249			
		330	
209			
		24	
123			
		31	
114			
		131	5
25	5		
28	5		
26	66		
		66	
218			
		170	
		365	
		363	
224			
		411	

Exc. - 1907 CU. YDS.
Emb. - 1506 CU. YDS.
Emb. + 25% - 1882 CU. YDS.
Waste - 25 CU. YDS.

Driveway - Sta. 82+84



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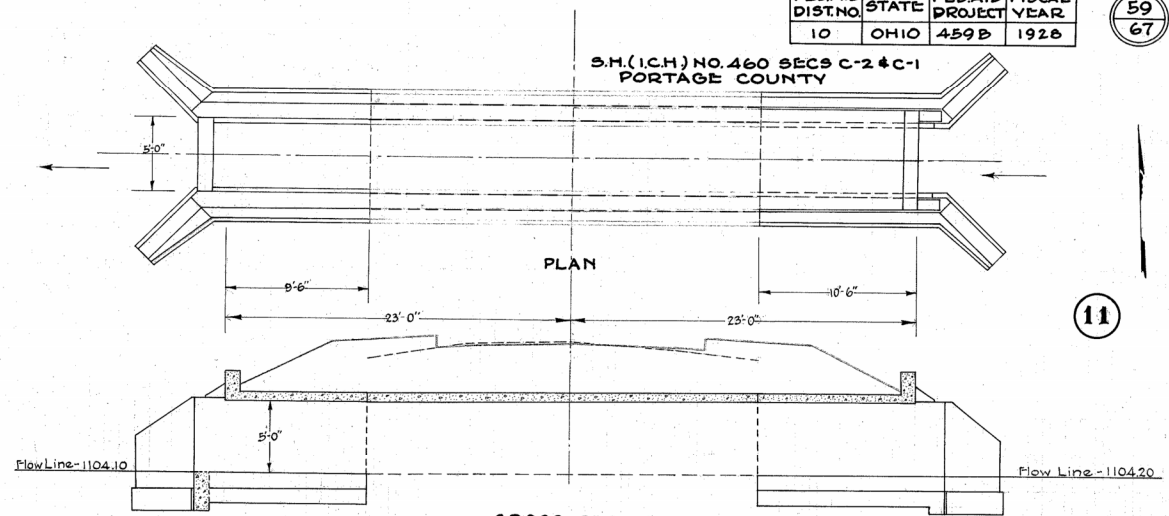
SH(I.C.H.) 460-SEC. C-2, C-1
PORTAGE COUNTY

36
67

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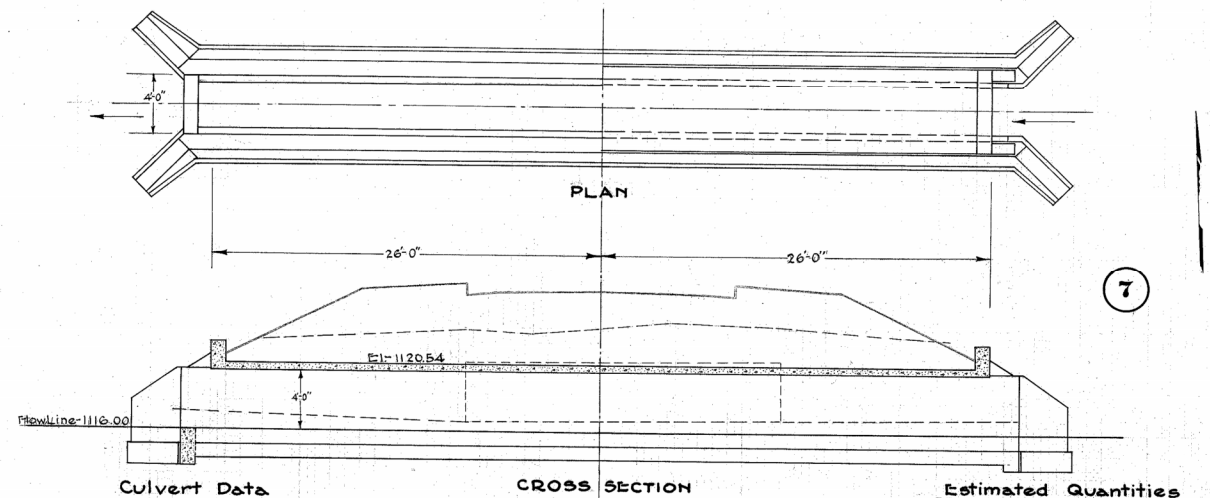
S.H.(I.C.H) NO. 460 SECS C-2 & C-1
PORTAGE COUNTY



Culvert Data
Type:- Std. Slab Top Culvert Extension Dr.*301
Size:- 5' x 5'
Work Req. :- Extend 9'-6" on West End-Present 5x5 Stone Box
Extend 10'-6" on East End-With Std. Slab Top Culvert Extension
Build New Top over all. Remove old Top and Head walls.

Estimated Quantities
60 - Cu.Yds. Exc. (Dry) Incl. Backfill
29 - Cu. Yds. Exc. (Wet)
100 - Cu.Yds. Exc.(New Inlet Channel)
8.1 - Cu.Yds. 1-5/2 Conc.
23.6 - Cu.Yds. 1-6/2 Conc.
607 - Lbs. Reinf. Steel

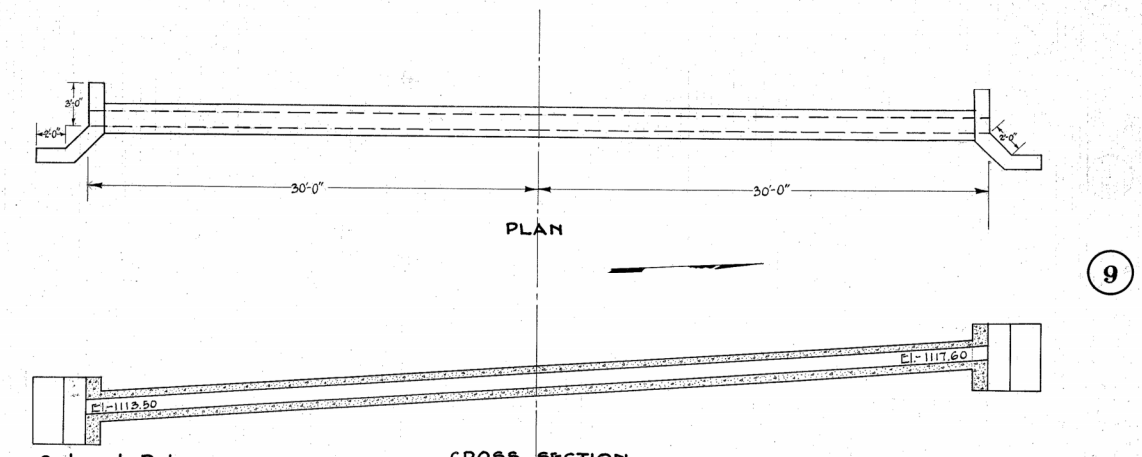
Drawn by A.W.K. Date 4-2-28
Checked by L.A. Bruen Date 5-3-28
Divn. Engr. Sta. 76+82



Culvert Data
Type:- Std. Slab Top Culvert - Dr.*301
Size:- 4'x4'x52'
Work Req.:- Remove Old 3'x4' Stone Box
Build New Std. Slab Top Culvert

Estimated Quantities
50 - Cu.Yds. Exc.(Dry) incl. Backfill
30 - Cu.Yds. Exc. (Wet)
10 - Cu.Yds. Exc. (Channel)
68 - Cu.Yds. 1-5/2 Conc.
378 - Cu.Yds. 1-6/2 Conc.
595 - Lbs. Reinf. Steel

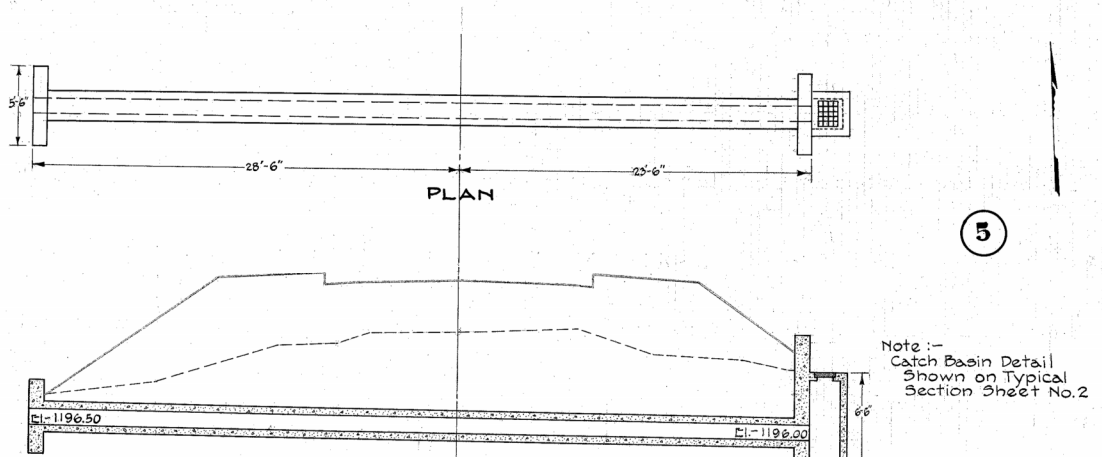
Drawn by A.W.K. Date 4-2-28
Checked by L.A. Bruen Date 5-3-28
Divn. Engr. Sta. 58+89



Culvert Data
Type:- Std. V.S.P Side Road Culvert-Dr.*300(enc)
Size:- 12'x 6'
Work Req. :- Build New Std. V.S.Plencs Side Road Culvert on East Side.

Estimated Quantities
25 - Cu.Yds. Exc. Incl. Backfill
2.6 - Cu.Yds. 1-5/2 Conc.
6.3 - Cu.Yds. 1-8 Conc.
60 - Lbs. Reinf. Steel
60 - Lin. Ft. 12" V.S.P.

Drawn by A.W.K. Date 4-2-28
Checked by L.A. Bruen Date 5-3-28
Divn. Engr. Sta. 77+675



Culvert Data
Type:- Std. V.S.P. Culvert - Dr.*300(enc)
With Special Catch Basin
Size:- 12'x 52'
Work Req. :- Build New Std. 12" V.S.P.(enc)
Culvert with Special Catch Basin on East End
Lay 90 Lin. Ft. of 8" Drain Tile for outlet.

Estimated Quantities
40 - Cu.Yds. Exc. Incl. Backfill
20 - Cu.Yds. Channel Exc. (for outlet tile)
34 - Cu.Yds. 1-5/2 Conc.
54 - Cu.Yds. 1-8 Conc.
133 - Lbs. Reinf. Steel
52 - Lin. Ft. 12" V.S.P.
90 - Lin Ft. 8" Drain Tile
1 - Iron Grating for Catch Basin
16x22x2 1/2, weighing*

Note :-
Catch Basin Detail Shown on Typical Section Sheet No.2

Drawn by A.W.K. Date 4-2-28
Checked by L.A. Bruen Date 5-3-28
Divn. Engr. Sta. 33+47