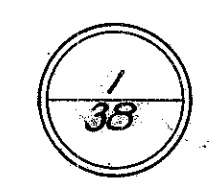


#4041

FED AID DIST. No.	STATE	FED AID PROJECT	FISCAL YEAR
10	OHIO		1926



STATE OF OHIO
DEPARTMENT OF HIGHWAYS

S.H.(I.C.H) 273 SEC. G. H &
WEST MILLGROVE
WOOD COUNTY

PERRYSBURG-FOSTORIA ROAD

S.H. (I.C.H) NO. 273 SEC. G H & WEST MILLGROVE PET. NO. 6612

WOOD COUNTY

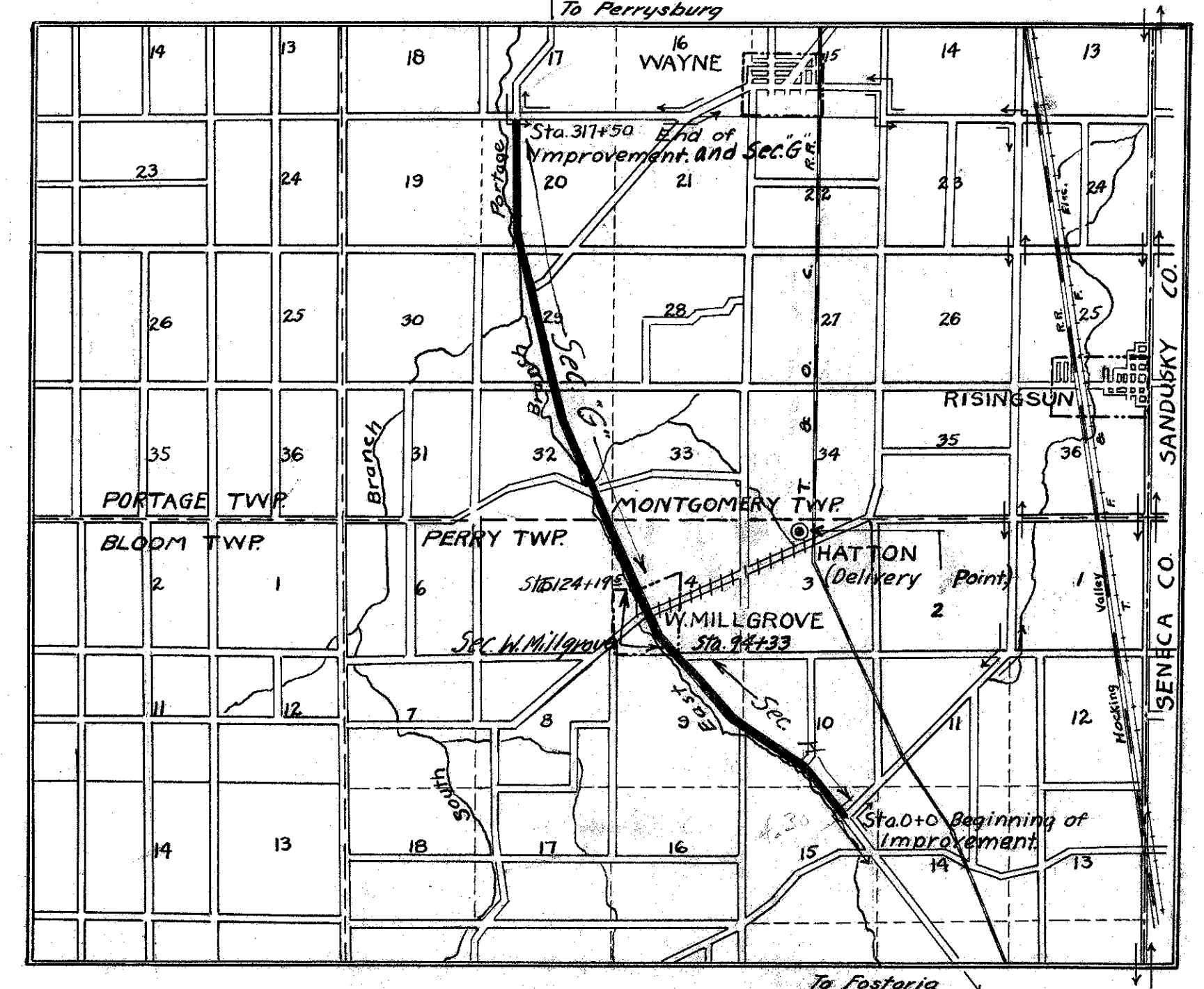
PERRY & MONTGOMERY TOWNSHIPS

The Standard Specifications of the State of Ohio, Department 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.

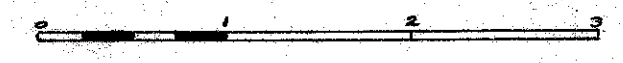
CONVENTIONAL SIGNS

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



LOCATION PLAN

SCALE OF MILES



- PORTION TO BE IMPROVED -----
- DETOURS SHOWN THUS -----
- IMPROVED ROADS -----
- HAUL ROAD #####

SCALES

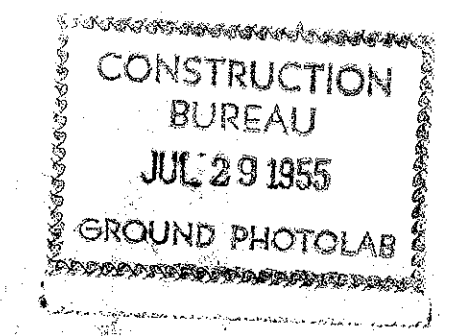
- Plan 1"=100'
- Profile (Vertical) 1"=10'
- Profile (Horizontal) 1"=100'
- Cross Sections 1"=5'

INDEX OF SHEETS
PROJECT TRACINGS

- Title Page p 1
- Typical Cross Section p 2
- Plans and Profile p 3-13 inc.
- Cross Sections p 14-25 inc.
- Structural Plans p 26-36 inc.
- Summary Sheet p 37 & 38

SUPPLEMENTAL PRINTS OF STRUCTURAL STANDARDS

Drawing Number 300, 305, SC-A, AS-2430, 105-A-B-C-D.
RR-A, B-26-2430 95, 96, 98, 100.



We, the Commissioners of Wood 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.

F. E. Fox
J. M. Beard
M. A. Hugh

Date May 23 29 Coun. Commissioners

Approved: *Onton H. Jones*
Date, 5-27-29 Resident District Deputy
Director

Approved: *John G. Halls*
Date, 6-8-29 Resident Division Deputy
Director

Approved: *Robt. J. Reighley*
Date 7/1/29 Chief Engineer
Bureau of Construction

Approved: _____
Date. _____ Chief Engineer
Bureau of Maintenance

Approved: *J. B. Burkey*
Date, 6/28/29 Chief Engineer
Bureau of Bridges

Approved *Amos B. ...*
Date, 7/1/29 Chief Engineer

Approved *Robert ...*
Date, 7/1/29 Director of Highways

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

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

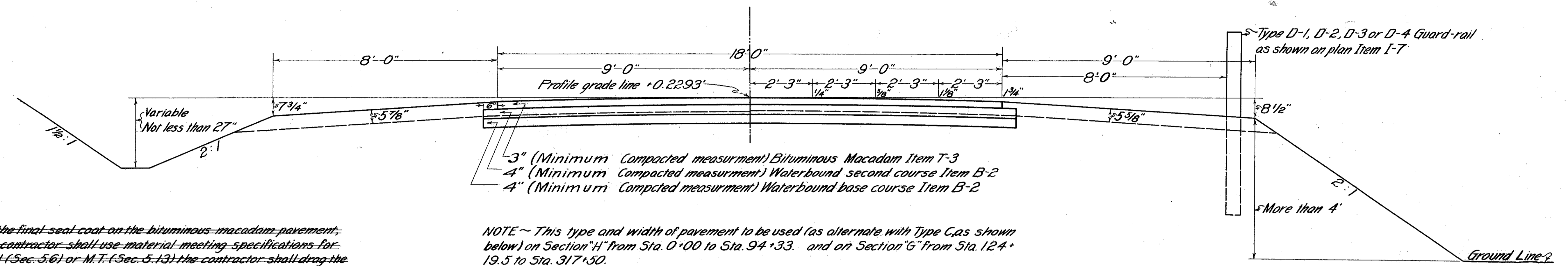
Approved: _____
Date, _____ Chief of Bureau

FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR
10	OHIO		1926

2
38

S.H. (I.C.H.) 273 SEC. "G", "H" AND "WEST MILLGROVE" WOOD COUNTY, OHIO

TYPE M-(B)
STD. DRAWING No. 137



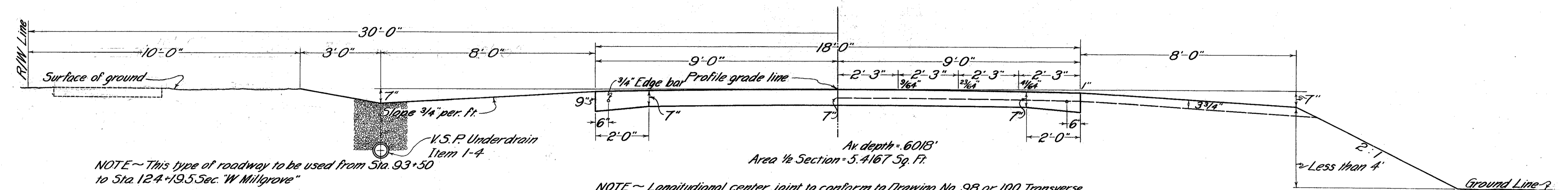
NOTE - For the final seal coat on the bituminous macadam pavement, Item T-3, the contractor shall use material meeting specifications for A.C.B. Special (Sec. 5.6) or M.T. (Sec. 5.13) the contractor shall drag the final seal coat, same to be done after the spreading of the covering material and while the bituminous material is soft. The application shall then be rolled in accordance with the General Specifications.
Drag will be furnished by the Dept. of Highways. The contractor shall notify the division engineer at least seven (7) days before the drag will be required.

NOTE - This type and width of pavement to be used (as alternate with Type C, as shown below) on Section "H" from Sta. 0+00 to Sta. 94+33. and on Section "G" from Sta. 124+19.5 to Sta. 317+50.

NOTE - If the macadam type of pavement is constructed the edge grades as shown on the schedules of super-elevation and widening shall be adjusted to conform to the 1 3/4" crown.

NOTE - Pavement on all curves will be super-elevated and on all curves where the degree of curve is 5° or more will be widened. See tables on alignment sheets.

TYPE "C"
STD. DRAWING No. 98 or 100 & *95



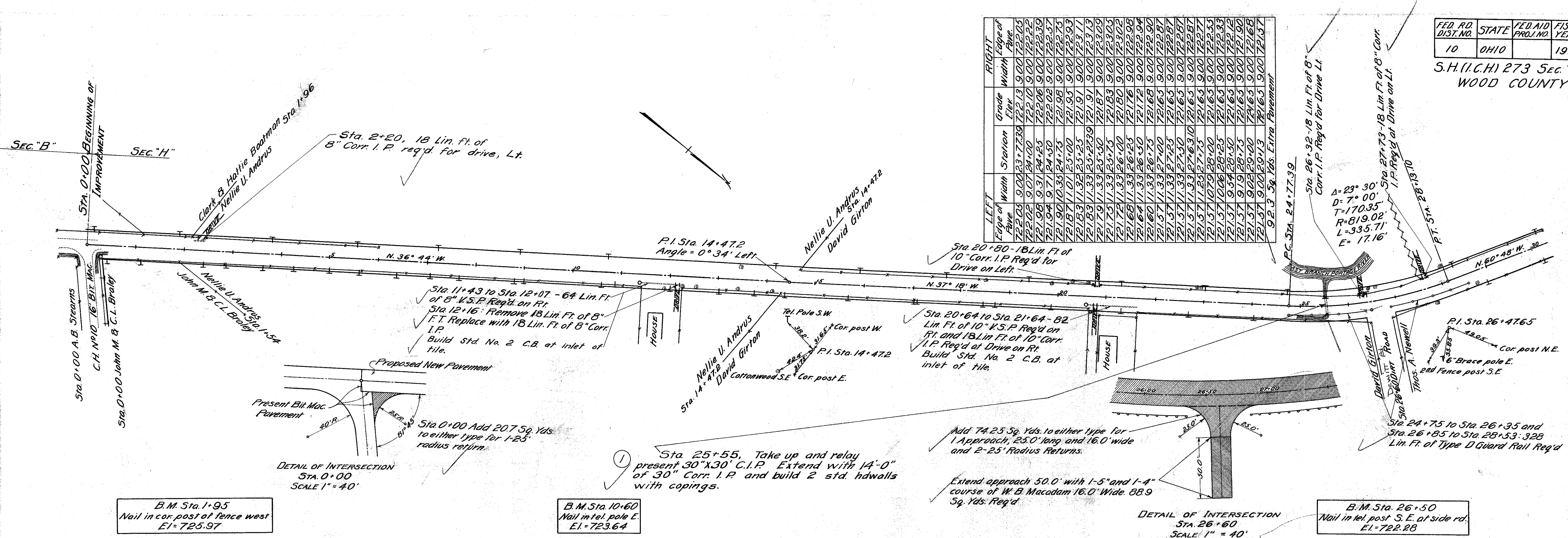
NOTE - This type of roadway to be used from Sta. 93+50 to Sta. 124+19.5 Sec. "W Millgrove"

NOTE - Longitudinal center joint to conform to Drawing No. 98 or 100 Transverse Contraction and Expansion joints to conform to drawing No. 95. Space contraction joints (a" in Drawing No. 95 at 40') Expansion joints to be spaced at 120'.
See, Std. Drawing No. 96 for method of making transverse construction joints.

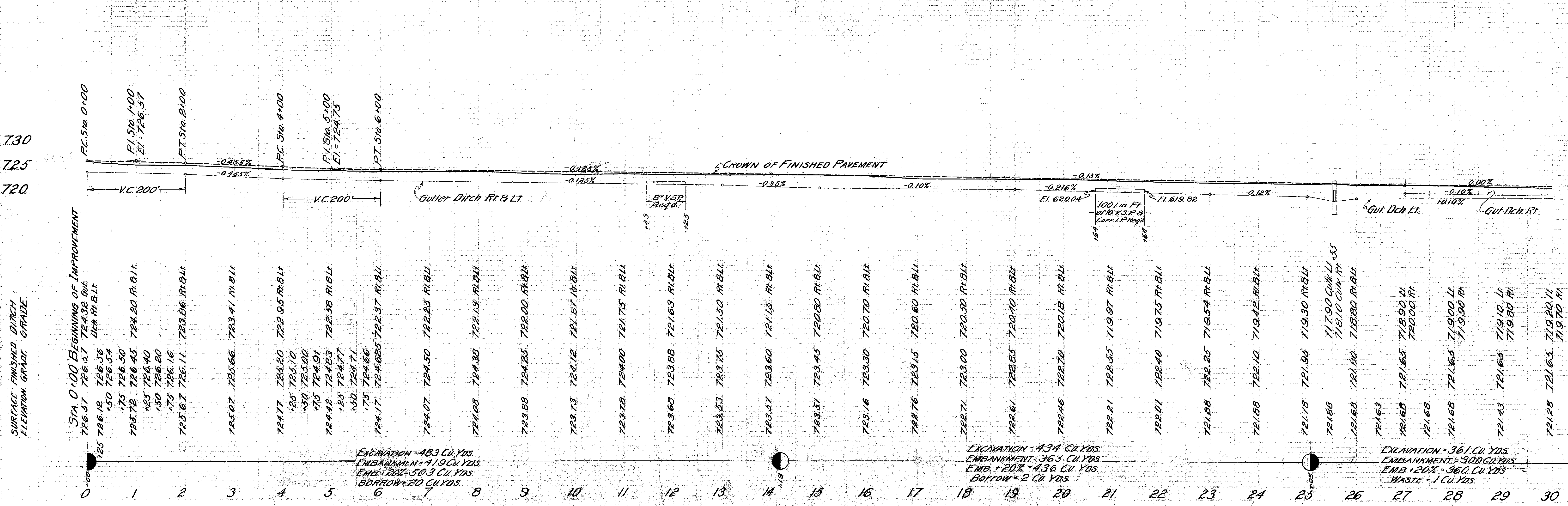
NOTE - This type and width of pavement to be used on Section "W. Millgrove" from Sta. 94+33. to Sta. 124+19.5
Also (as alternate with Type M(B) as shown above) on Section "H" from Sta. 0+00 to Sta. 94+33. and on Section "G" from Sta. 124+19.5 to Sta. 317+50.

NOTE - Rough grading will be completed to the cross-section indicated by the broken line for all types. All earth below the broken line for the width of the pavement and the full width of of the berms shall be scarified to the depth of the sub-grade and parallel to the slope of the broken line before any excavated material is placed on the shoulders. The subgrade shall then be prepared as provided for in the specifications for the type of pavement to be built and the material removed from the sub-grade or adjacent thereto be placed on the shoulders.

CONCRETE TO MACADAM DIFFERENTIAL
Cross Sections are drawn and yardage calculated for Type C, Pavement. For Type M(B) Pavement raise the grade line .2293
See Construction Drawings No. 120 and 121



LEFT	RIGHT
Edge of Pavement	Edge of Pavement
Station	Station
Grade	Grade
Width	Width
Area	Area
722.08	722.13
722.09	722.10
722.10	722.11
722.11	722.12
722.12	722.13
722.13	722.14
722.14	722.15
722.15	722.16
722.16	722.17
722.17	722.18
722.18	722.19
722.19	722.20
722.20	722.21
722.21	722.22
722.22	722.23
722.23	722.24
722.24	722.25
722.25	722.26
722.26	722.27
722.27	722.28
722.28	722.29
722.29	722.30
722.30	722.31
722.31	722.32
722.32	722.33
722.33	722.34
722.34	722.35
722.35	722.36
722.36	722.37
722.37	722.38
722.38	722.39
722.39	722.40
722.40	722.41
722.41	722.42
722.42	722.43
722.43	722.44
722.44	722.45
722.45	722.46
722.46	722.47
722.47	722.48
722.48	722.49
722.49	722.50
722.50	722.51
722.51	722.52
722.52	722.53
722.53	722.54
722.54	722.55
722.55	722.56
722.56	722.57
722.57	722.58
722.58	722.59
722.59	722.60
722.60	722.61
722.61	722.62
722.62	722.63
722.63	722.64
722.64	722.65
722.65	722.66
722.66	722.67
722.67	722.68
722.68	722.69
722.69	722.70
722.70	722.71
722.71	722.72
722.72	722.73
722.73	722.74
722.74	722.75
722.75	722.76
722.76	722.77
722.77	722.78
722.78	722.79
722.79	722.80
722.80	722.81
722.81	722.82
722.82	722.83
722.83	722.84
722.84	722.85
722.85	722.86
722.86	722.87
722.87	722.88
722.88	722.89
722.89	722.90
722.90	722.91
722.91	722.92
722.92	722.93
722.93	722.94
722.94	722.95
722.95	722.96
722.96	722.97
722.97	722.98
722.98	722.99
722.99	723.00



S.H. (I.C.H.) 273 SEC. "H"
WOOD COUNTY

Note: Drive at Sta. 52+75 is to be abandoned. Lay 18 lin. ft. of 8 inch Corr. I. P. along side road for drive

Sta. 52+79, Clean out present 24"x30" C.I.P. Extend with 14'0" of 24" Corr. I.P. and build 2-std. headwalls with copings.

Sta. 50+32 to Sta. 51+28 Remove 96 Lin. Ft. of 24" V.S.P. on Left Replace with 78 Lin. Ft. of 12" V.S.P. and 18 Lin. Ft. of 12" Corr. I.P. at Drive. Build Std. No. 2 C.B. at inlet of tile.

Sta. 48+10 Remove 18 Lin. Ft. of 24" V.S.P. Replace with 18 Lin. Ft. of 12" Corr. I.P.

Sta. 35+14 to Sta. 35+85 Remove 6" V.S.P. in place on Rt. Replace with 8" V.S.P. from Sta. 34+92 to Sta. 35+86 (76 Lin. Ft.) and 18 Lin. Ft. of 8" Corr. I.P. at Drive & of Drain to be 21' from & Const. Build Std. No. 2 C.B. at inlet of tile.

Sta. 46+20 18 Lin. Ft. of 12" Corr. I.P. required at Drive on Rt.

Sta. 53+58 18 Lin. Ft. of 8" Corr. I.P. required at drive on Right

Sta. 51+50 to Sta. 54+30 280 Lin. Ft. of Type D Guard Rail required.

Sta. 55+30 to Sta. 57+26 160 Lin. Ft. of 6" V.S.P. Req'd on Lt. Sta. 55+65 18 Lin. Ft. of 8" Corr. I.P. req'd at Dr. Sta. 57+15 18 Lin. Ft. of 8" Corr. I.P. Req'd at Drive.

Sta. 55+18; Add 246.0 Sq. Yds. for either type, for Approach 16'0" wide and 75'0" long and 1-25'0" and 1-75'0" radius return

Charles W. Kline Sta. 58+24
Ross Manecke

Sta. 57+60 to Sta. 58+70 92 Lin. Ft. of 8" V.S.P. and 18 Lin. Ft. of 8" Corr. I.P. required on Rt. Build Std. No. 2 C.B. at inlet of tile.

B.M. Sta. 35+30
N.W. cor. step of walk to house
El. = 721.76

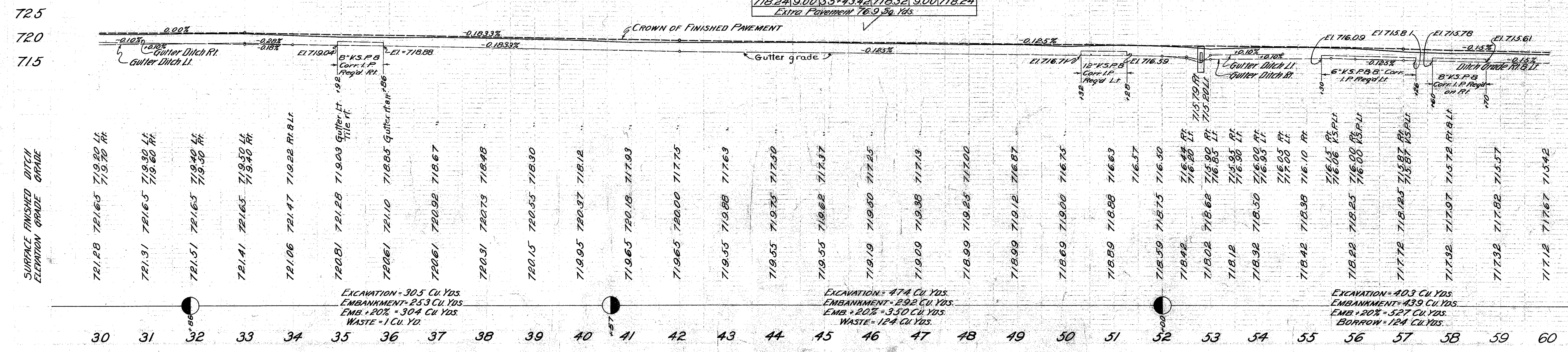
B.M. Sta. 38+27
Spike in tel. post E.
El. = 720.33

B.M. Sta. 50+30
Nail in cor. post W.
El. = 719.31

B.M. Sta. 57+50
S.E. cor. well curb W.
El. = 719.29

LEFT			RIGHT		
Edge of Pav.	Width	Station	Grade	Width	Edge of Pav.
718.84	9.00	50+67.93	718.92	9.00	718.84
718.89	9.00	50+75	718.91	9.01	718.83
719.08	9.00	51+00	718.88	9.14	718.80
719.25	9.00	51+25	718.84	9.45	718.78
719.44	9.00	51+50	718.81	9.91	718.79
719.58	9.00	51+67.95	718.79	10.42	718.71
719.63	9.00	51+75	718.78	10.62	718.70
719.81	9.00	52+00	718.75	11.17	718.67
719.93	9.00	52+17.95	718.73	11.33	718.65
719.94	9.00	52+25	718.72	11.33	718.64
719.91	9.00	52+50	718.69	11.33	718.61
719.88	9.00	52+75	718.66	11.33	718.58
719.84	9.00	53+00	718.62	11.33	718.54
719.81	9.00	53+25	718.59	11.33	718.51
719.78	9.00	53+50	718.56	11.33	718.48
719.73	9.00	53+75	718.53	11.33	718.45
719.73	9.00	53+93.42	718.51	11.33	718.43
719.66	9.00	54+00	718.50	11.29	718.42
719.42	9.00	54+25	718.47	10.92	718.39
719.24	9.00	54+43.42	718.45	10.42	718.37
719.17	9.00	54+50	718.44	10.21	718.36
718.92	9.00	54+75	718.41	9.63	718.33
718.68	9.00	55+00	718.38	9.25	718.30
718.42	9.00	55+25	718.34	9.04	718.26
718.24	9.00	55+43.42	718.32	9.00	718.24

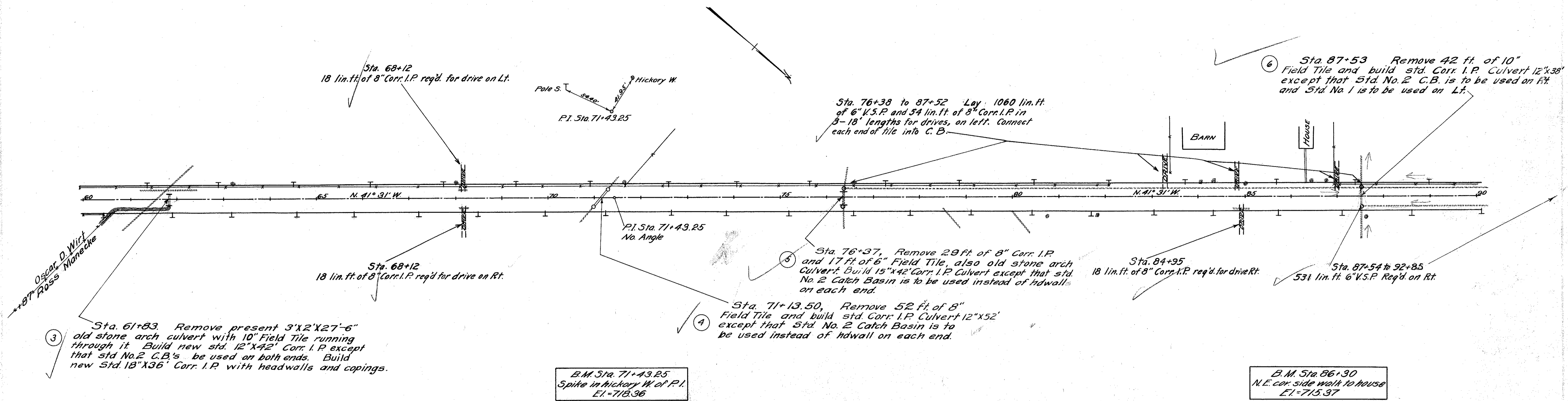
Extra Pavement 76.9 Sq. Yds.



EXCAVATION = 305 Cu. Yds.
EMBANKMENT = 253 Cu. Yds.
EMB. + 20% = 304 Cu. Yds.
WASTE = 1 Cu. Yd.

EXCAVATION = 474 Cu. Yds.
EMBANKMENT = 292 Cu. Yds.
EMB. + 20% = 350 Cu. Yds.
WASTE = 124 Cu. Yds.

EXCAVATION = 403 Cu. Yds.
EMBANKMENT = 439 Cu. Yds.
EMB. + 20% = 527 Cu. Yds.
BORROW = 124 Cu. Yds.



Station	Surface Elevation	Finished Ditch Elevation	Notes
60	717.12	717.07	
61	717.12	717.52	
62	717.32	717.42	
63	717.02	717.40	
64	716.92	717.42	
65	717.12	717.45	
66	717.22	717.47	
67	717.13	717.45	
68	717.13	717.36	
69	716.99	717.13	
70	716.73	716.95	
71	716.73	716.91	
72	716.73	716.88	
73	716.63	716.84	
74	716.53	716.81	
75	716.43	716.77	
76	716.53	716.73	
77	716.46	716.70	
78	716.36	716.66	
79	716.36	716.63	
80	716.16	716.59	
81	716.06	716.56	
82	716.06	716.52	
83	716.06	716.48	
84	716.06	716.34	
85	715.77	715.97	
86	715.37	715.67	
87	715.37	715.43	
88	714.97	715.37	
89	715.07	715.30	
90	714.97	715.23	

Excavation = 191 Cu. Yds.
Embankment = 158 Cu. Yds.
Embankment + 20% = 190 Cu. Yds.
Waste = 1 Cu. Yd.

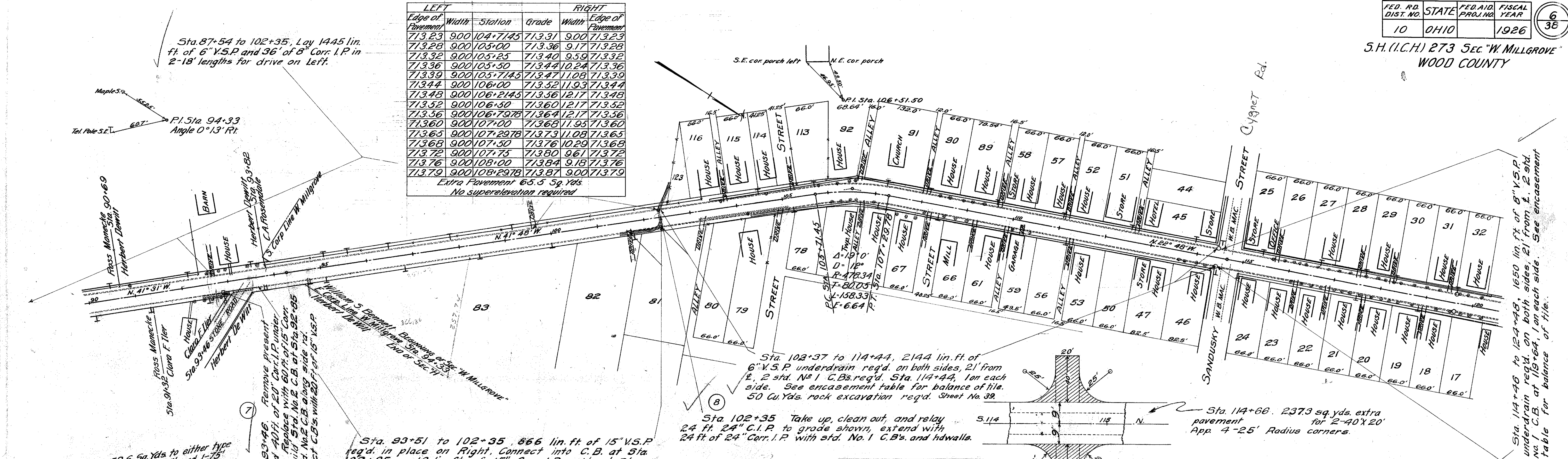
Excavation = 487 Cu. Yds.
Embankment = 408 Cu. Yds.
Embankment + 20% = 490 Cu. Yds.
Borrow = 3 Cu. Yds.

Excavation = 490 Cu. Yds.
Embankment = 344 Cu. Yds.
Embankment + 20% = 413 Cu. Yds.
Waste = 77 Cu. Yds.

S.H.(I.C.H.) 273 SEC. "W. MILLGROVE" WOOD COUNTY

LEFT				RIGHT			
Edge of Pavement	Width	Station	Grade	Width	Edge of Pavement	Station	Grade
713.23	9.00	104+71.45	713.31	9.00	713.23		
713.28	9.00	105+00	713.36	9.17	713.28		
713.32	9.00	105+25	713.40	9.59	713.32		
713.36	9.00	105+50	713.44	10.24	713.36		
713.39	9.00	105+71.45	713.47	11.08	713.39		
713.44	9.00	106+00	713.52	11.93	713.44		
713.48	9.00	106+21.45	713.56	12.17	713.48		
713.52	9.00	106+50	713.60	12.17	713.52		
713.56	9.00	106+79.78	713.64	12.17	713.56		
713.60	9.00	107+00	713.68	11.95	713.60		
713.65	9.00	107+29.78	713.73	11.08	713.65		
713.68	9.00	107+50	713.76	10.29	713.68		
713.72	9.00	107+75	713.80	9.61	713.72		
713.76	9.00	108+00	713.84	9.18	713.76		
713.79	9.00	108+29.78	713.87	9.00	713.79		

Extra Pavement 65.5 Sq Yds
No super-elevation required



Sta. 93+46, Add 152.6 Sq. Yds. to either type for 1-12'x55' approach and 1-25' and 1-75' radius return

Sta. 93+51 to 102+35, 866 lin. ft. of 15" V.S.P. req'd. in place on Right, Connect into C.B. at Sta. 102+35. 18 lin. ft. of 15" Corr. I.P. req'd. at Sta. 101+60 for drive Rt.

DETAIL OF INTERSECTION Sta. 93+46 SCALE 1" = 40'

DETAIL OF INTERSECTION STA. 114+66 SCALE 1" = 40'

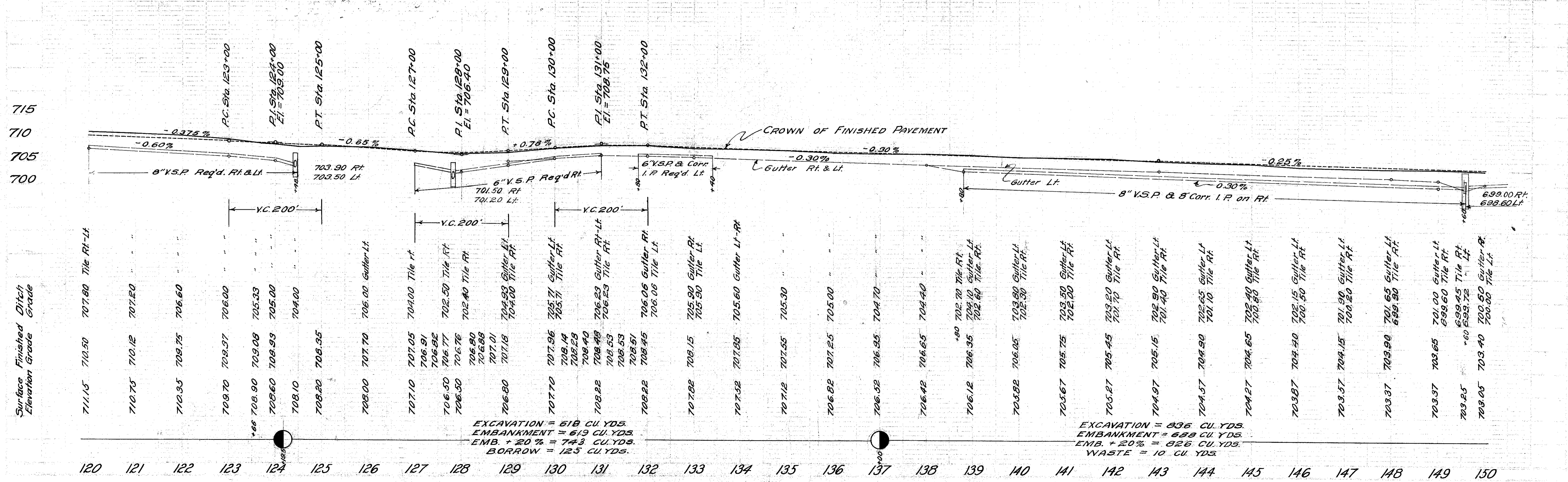
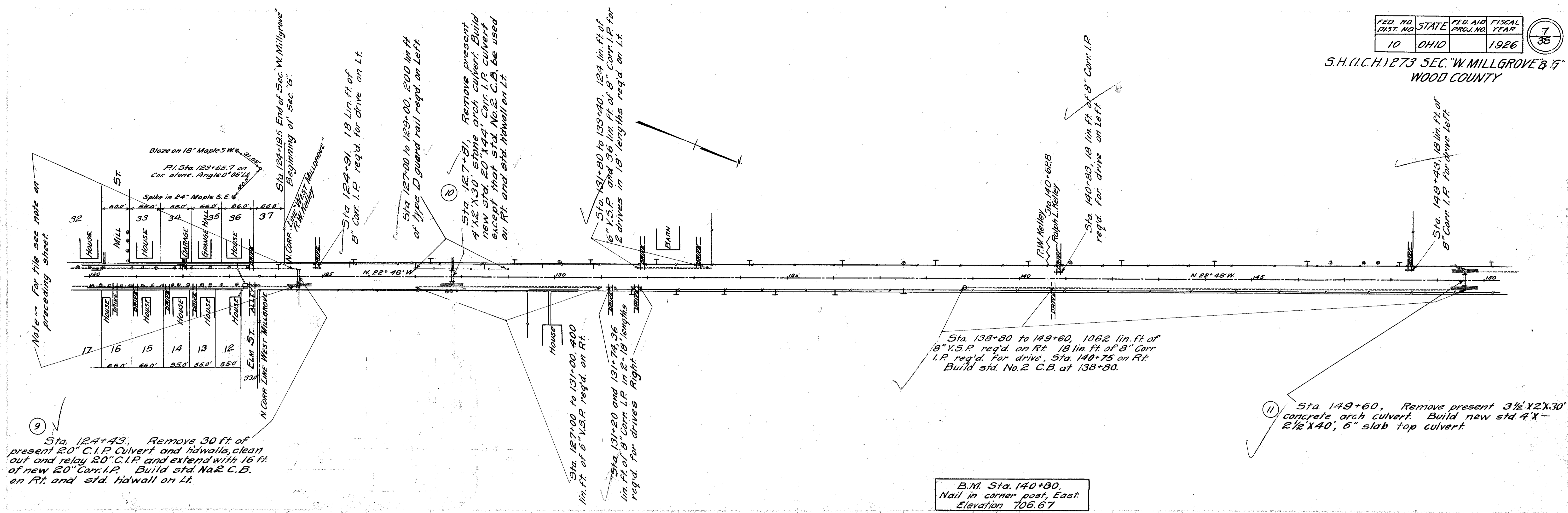
STATION	SURFACE FINISHED ELEVATION	DITCH GRADE	GRADE
90	714.97	715.23	712.30 V.S.P. Lt Rt
91	714.97	715.17	712.45 " Lt 6" Rt 6"
92	714.97	715.10	712.60 " Lt 6" Rt 6"
93	715.38	715.02	712.39 " Lt 6" Rt 15"
94	715.28	714.89	712.75 " Lt 6" Rt 15"
95	714.78	714.66	712.50 " Lt 6" Rt 15"
96	714.58	714.43	712.20 " Lt 6" Rt 15"
97	714.38	714.21	711.90 " Lt 6" Rt 15"
98	714.18	713.98	711.60 " Lt 6" Rt 15"
99	713.98	713.75	711.45 " Lt 6" Rt 15"
100	713.78	713.52	711.30 " Lt 6" Rt 15"
101	713.48	713.30	711.15 " Lt 6" Rt 15"
102	713.58	713.09	711.00 " Lt 6" Rt 15"
103	713.47	713.06	710.90 " Lt 6" Rt 15"
104	713.57	713.20	711.17 " " " 6"
105	713.77	713.36	711.29 " " " 6"
106	714.07	713.52	711.41 " " " 6"
107	714.27	713.68	711.53 " " " 6"
108	714.37	713.84	711.65 " " " 6"
109	714.57	713.92	711.77 " " " 6"
110	714.46	713.84	711.61 " " " 6"
111	714.46	713.68	711.45 " " " 6"
112	714.26	713.52	711.29 " " " 6"
113	713.96	713.36	711.13 " " " 6"
114	713.96	713.20	710.97 " " " 6"
115	713.66	712.86	710.81 " " " 8"
116	712.85	712.53	710.20 " " " 8"
117	712.45	712.02	709.60 " " " 8"
118	712.05	711.51	709.00 " " " 8"
119	711.55	711.00	708.40 " " " 8"
120	711.15	710.50	707.80 " " " 8"

EXCAVATION = 744 CU. YDS.
EMBANKMENT = 240 CU. YDS.
EMBANKMENT + 20% = 288 CU. YDS.
WASTE = 456 CU. YDS.

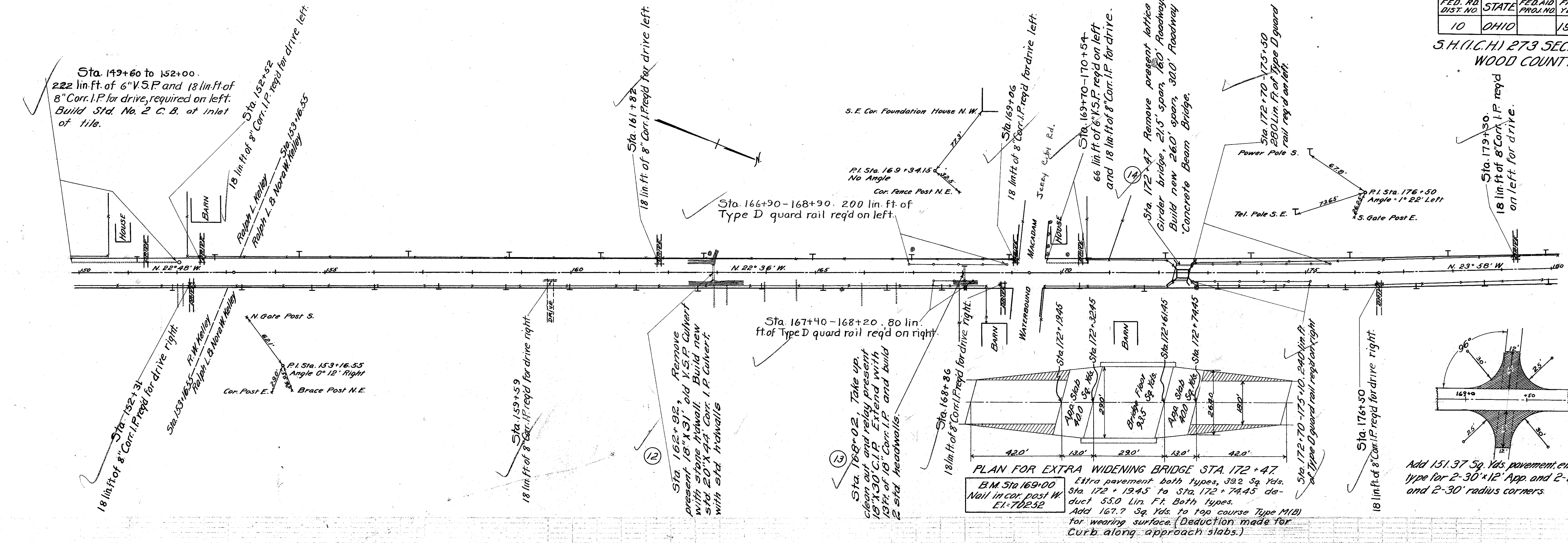
EXCAVATION = 1535 CU. YDS.
EMBANKMENT = 4 CU. YDS.
EMBANKMENT + 20% = 5 CU. YDS.
WASTE = 1530 CU. YDS.

EXCAVATION = 1246 CU. YDS.
EMBANKMENT = 82 CU. YDS.
EMBANKMENT + 20% = 98 CU. YDS.
WASTE = 1148 CU. YDS.

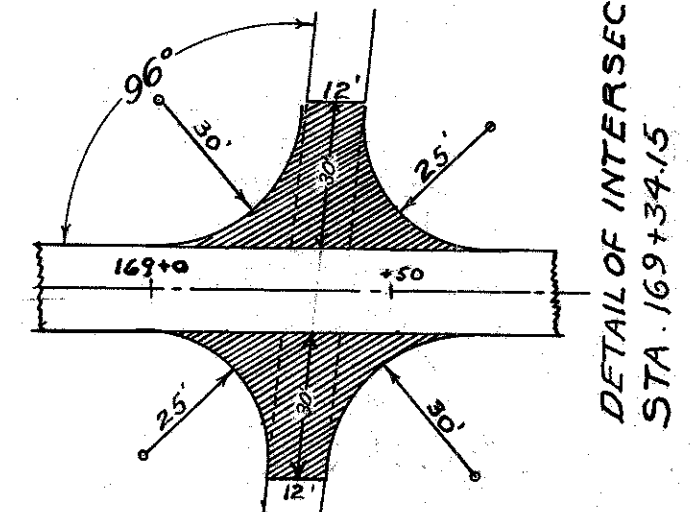
Sta. 114+46 to 124+49, 1650 lin. ft. of 8" V.S.P. underdrain req'd. on both sides, 21' from E. 2 std. No. 1 C.B. at 119+64, 1 on each side. See encasement table for balance of tile.



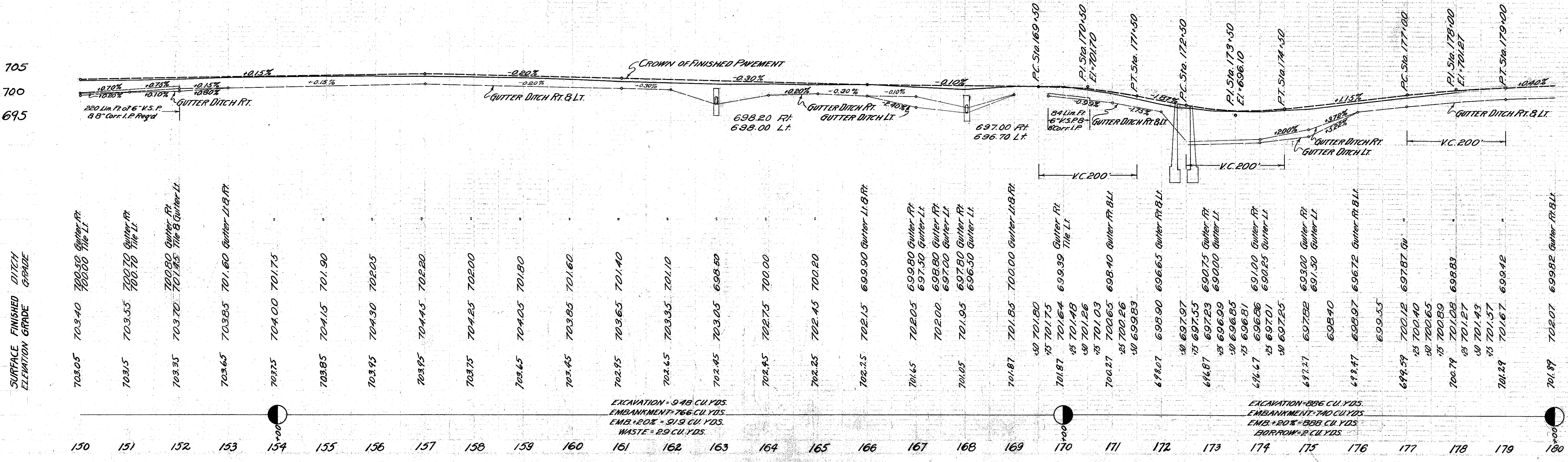
S.H.(I.C.H.) 273 SEC. 'G'
WOOD COUNTY



PLAN FOR EXTRA WIDENING BRIDGE STA. 172+47.
 B.M. Sta. 169+00
 Nail in cor. post W
 E.I. 70252
 Extra pavement both types, 332 Sq. Yds.
 Sta. 172+19.45 to Sta. 172+74.45 deduct 55.0 Lin. Ft. Both types.
 Add 167.7 Sq. Yds. to top course Type M(1) for wearing surface. (Deduction made for curb along approach slabs.)



Add 151.37 Sq. Yds. pavement, either type for 2-30' x 12' App. and 2-25' and 2-30' radius corners.

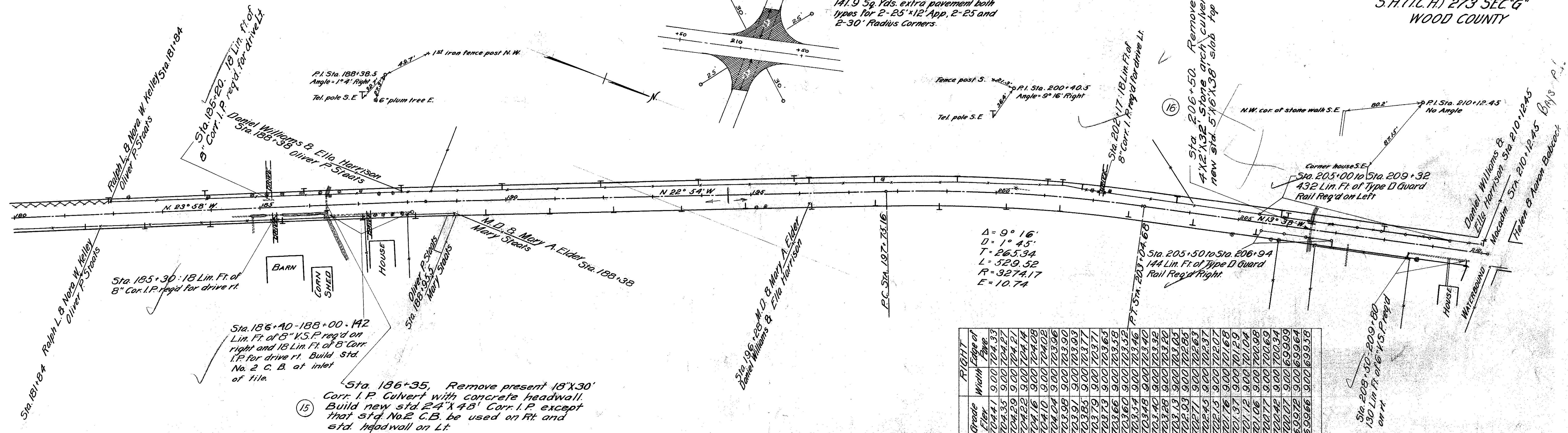
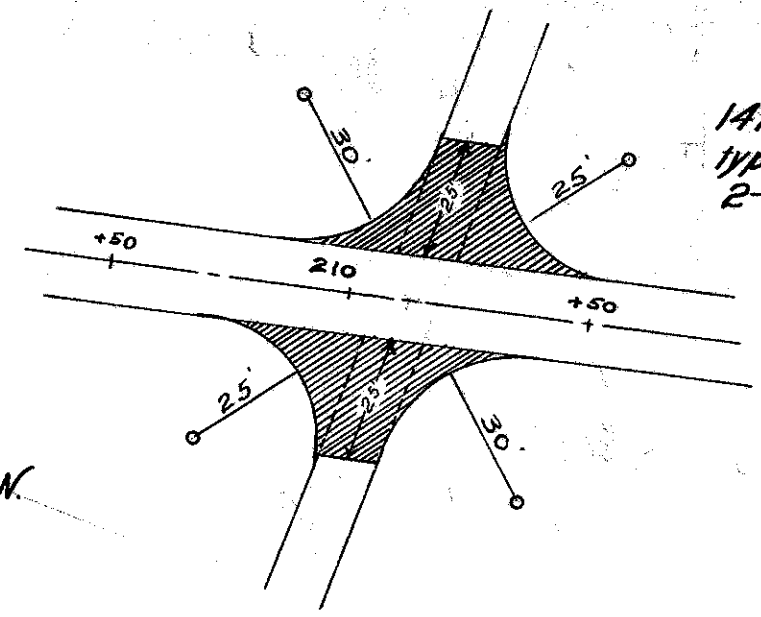


EXCAVATION = 9.48 CU. YDS.
 EMBANKMENT = 766 CU. YDS.
 EMB. + 20% = 919 CU. YDS.
 WASTE = 29 CU. YDS.

EXCAVATION = 886 CU. YDS.
 EMBANKMENT = 740 CU. YDS.
 EMB. + 20% = 888 CU. YDS.
 BORROW = 2 CU. YDS.

DETAIL OF INTERSECTION
STA. 210+12.45

141.9 Sp. Yds. extra pavement both
types for 2'-25" x 12" App. 2'-25" and
2'-30" Radius Corners.

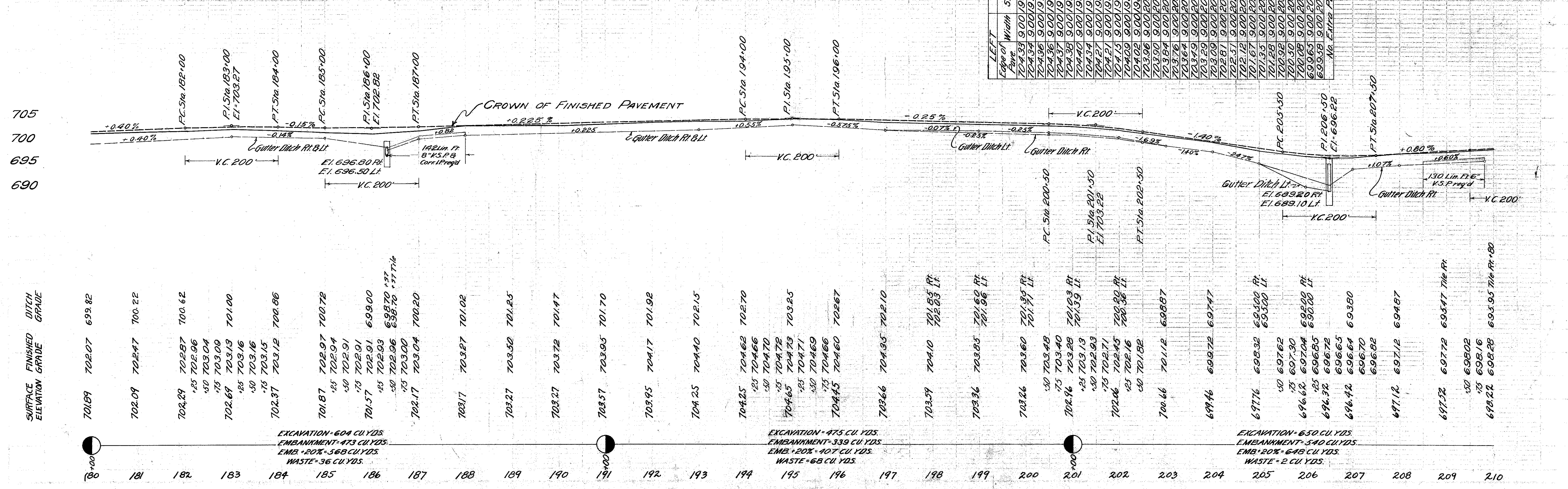


LEFT	RIGHT
Edge of Pavement	Width Edge of Pavement
704.93	9.00
704.84	9.00
704.86	9.00
704.37	9.00
704.38	9.00
704.34	9.00
704.21	9.00
704.13	9.00
704.09	9.00
704.02	9.00
703.96	9.00
703.84	9.00
703.76	9.00
703.64	9.00
703.49	9.00
703.29	9.00
703.21	9.00
702.51	9.00
701.67	9.00
701.35	9.00
701.28	9.00
700.92	9.00
700.50	9.00
700.08	9.00
699.63	9.00
699.58	9.00
699.53	9.00

B.M. Sta. 182+30
Nail in 30" Maple West
E.I. = 704.94

B.M. Sta. 197+30
Spike in 20" Sycamore Tree W
E.I. 704.28

B.M. Sta. 209+66
Nail in 15" Maple S.E. cor. X Rds. N of
House
E.I. = 701.48

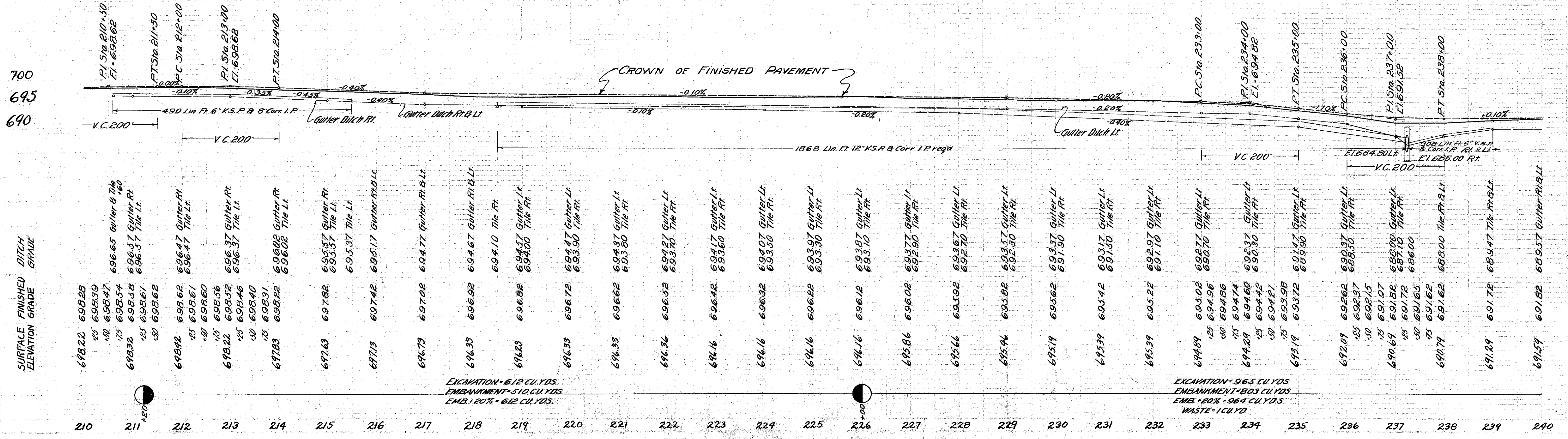
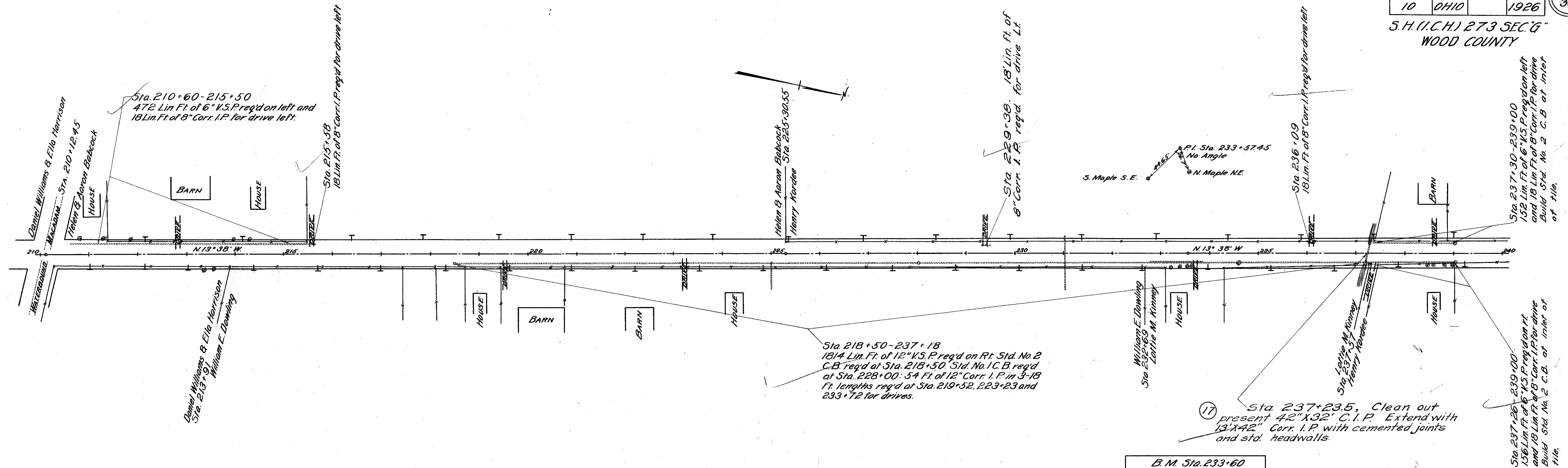


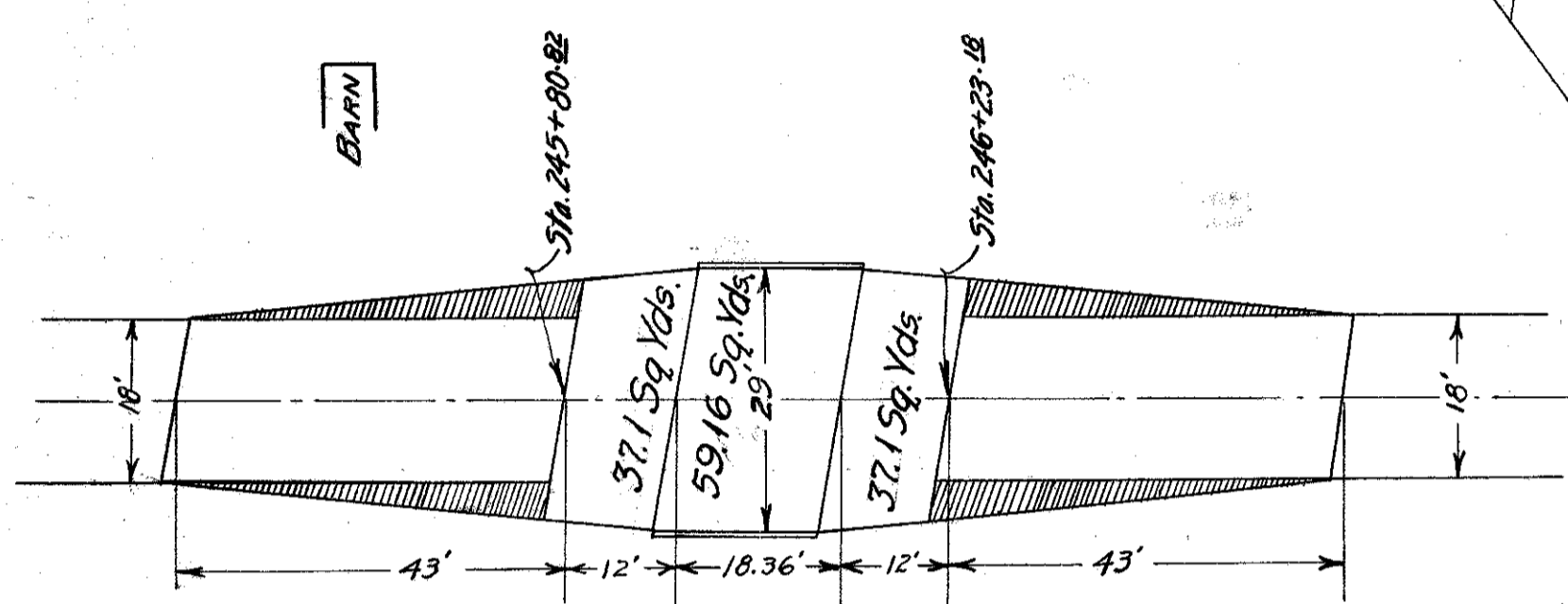
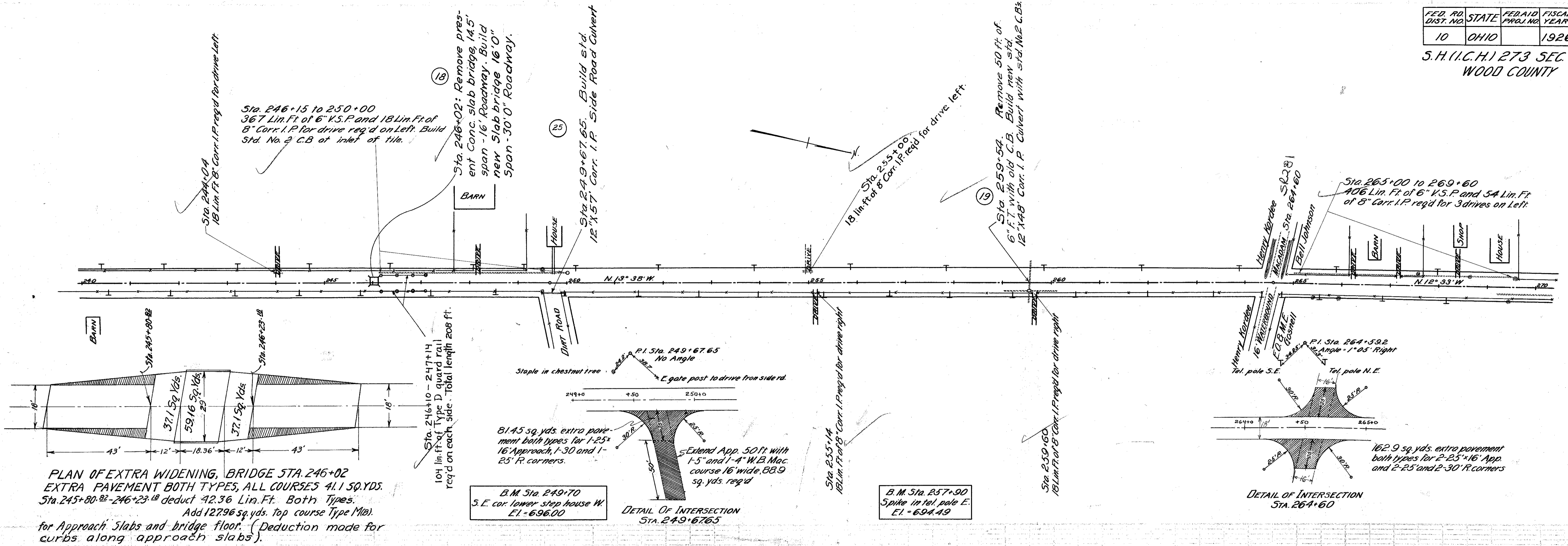
EXCAVATION - 604 CU. YDS.
EMBANKMENT - 473 CU. YDS.
EMB. 20% - 563 CU. YDS.
WASTE - 36 CU. YDS.

EXCAVATION - 475 CU. YDS.
EMBANKMENT - 339 CU. YDS.
EMB. 20% - 407 CU. YDS.
WASTE - 68 CU. YDS.

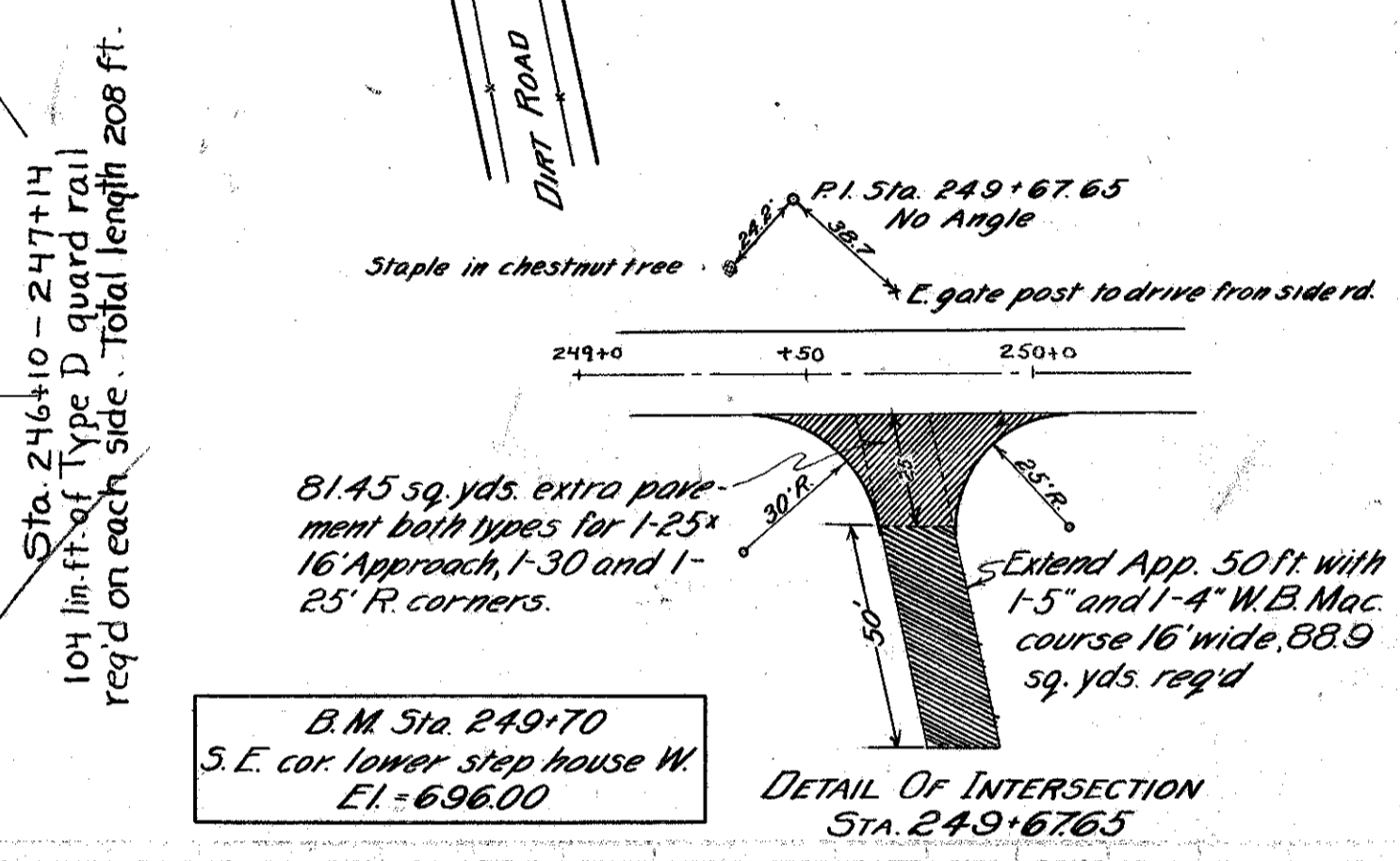
EXCAVATION - 650 CU. YDS.
EMBANKMENT - 340 CU. YDS.
EMB. 20% - 648 CU. YDS.
WASTE - 2 CU. YDS.

S. H. (I.C.H.) 273 SEC. 6
WOOD COUNTY



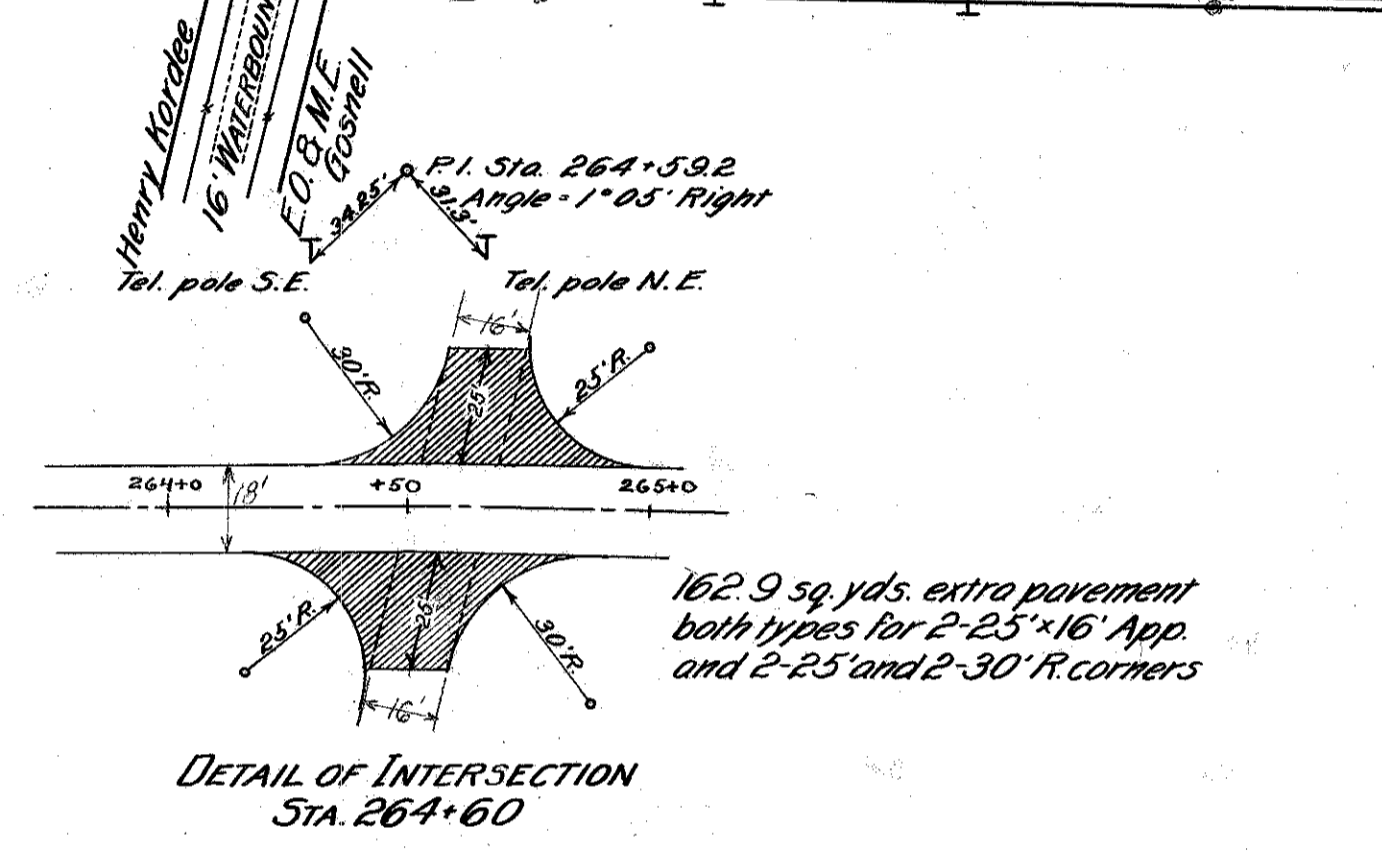


PLAN OF EXTRA WIDENING, BRIDGE STA. 246+02
EXTRA PAVEMENT BOTH TYPES, ALL COURSES 4.1 SQ. YDS.
Sta. 245+80.82-246+23.18 deduct 42.36 Lin. Ft. Both Types.
Add 12796 sq. yds. top course Type (M).
for Approach Slabs and bridge floor. (Deduction made for curbs along approach slabs).



B.M. Sta. 249+70
S.E. cor. lower step house W
E.I. = 696.00

B.M. Sta. 257+90
Spike in tel. pole E.
E.I. = 694.49



DETAIL OF INTERSECTION
Sta. 264+60

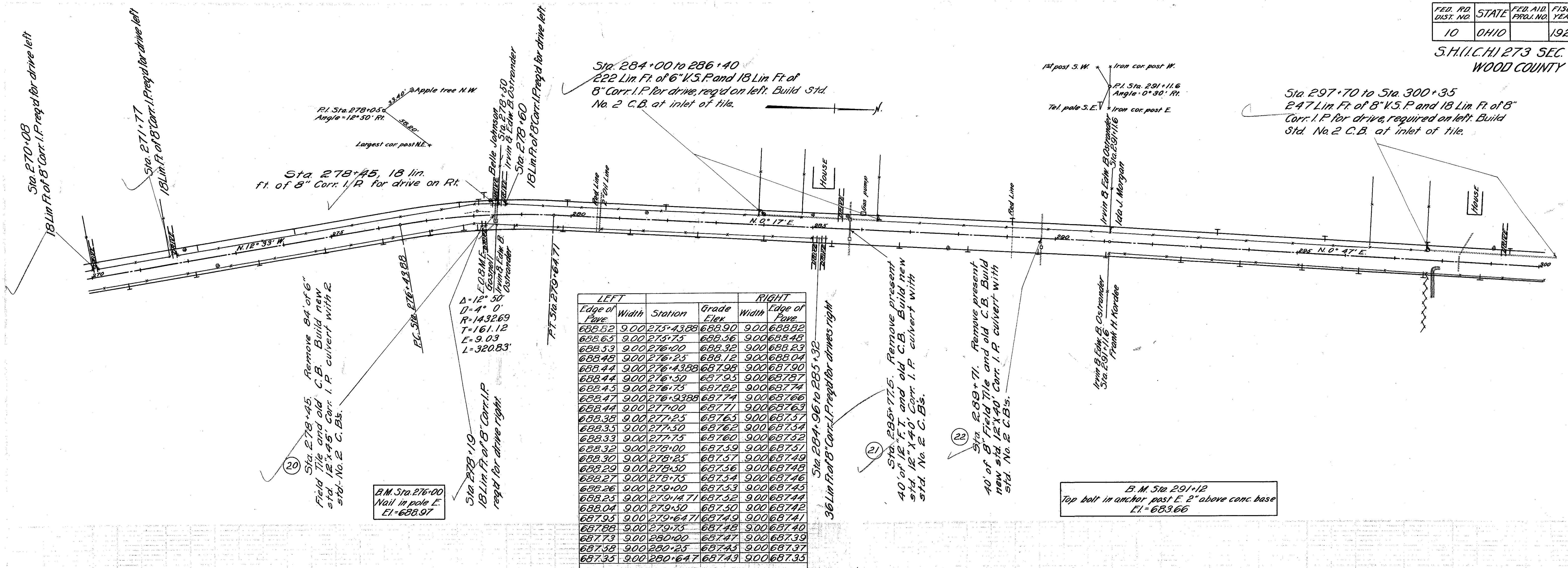
STATION	SURFACE ELEVATION	DITCH GRADE	FINISHED GRADE
240	691.59	691.82	689.57 Gutter Lt. & Rt.
241	691.59	691.92	689.67
242	691.69	691.92	689.62
243	691.20	691.51	689.26
244	690.50	690.89	688.75 Gutter Lt. & Rt.
245	689.70	690.63	688.00 Gutter Rt.
246	689.40	690.57	688.38 Gutter Lt.
247	689.20	690.71	688.50 Gutter Rt. & Lt.
248	690.00	690.87	688.00 Gutter Rt.
249	693.00	693.30	691.50 Gutter Rt.
250	694.38	694.71	692.71 Gutter Rt. & Lt.
251	694.68	695.33	693.33
252	695.18	695.67	693.67
253	695.38	695.89	693.89
254	695.18	695.90	693.65
255	695.08	695.80	693.55
256	694.88	695.70	693.45
257	694.78	695.52	693.25
258	694.63	695.34	692.80
259	694.03	695.16	692.60
260	693.93	694.98	691.00
261	693.93	694.97	692.00
262	694.73	695.25	693.28 Gutter Rt. & Lt.
263	695.53	695.76	693.76 Gutter Rt. & Lt.
264	695.93	696.24	694.74 Lt.
265	696.41	696.72	695.00 Gutter Rt.
266	696.41	696.83	694.00 Tile Lt.
267	696.41	696.97	694.75 Gutter Rt.
268	696.11	696.60	694.35 Gutter Rt.
269	695.71	696.09	693.85 Gutter Rt.
270	694.41	695.15	692.90

EXCAVATION = 785 CU. YDS.
EMBANKMENT = 592 CU. YDS.
EMB. @ 20% = 710 CU. YDS.
WASTE = 15 CU. YDS.

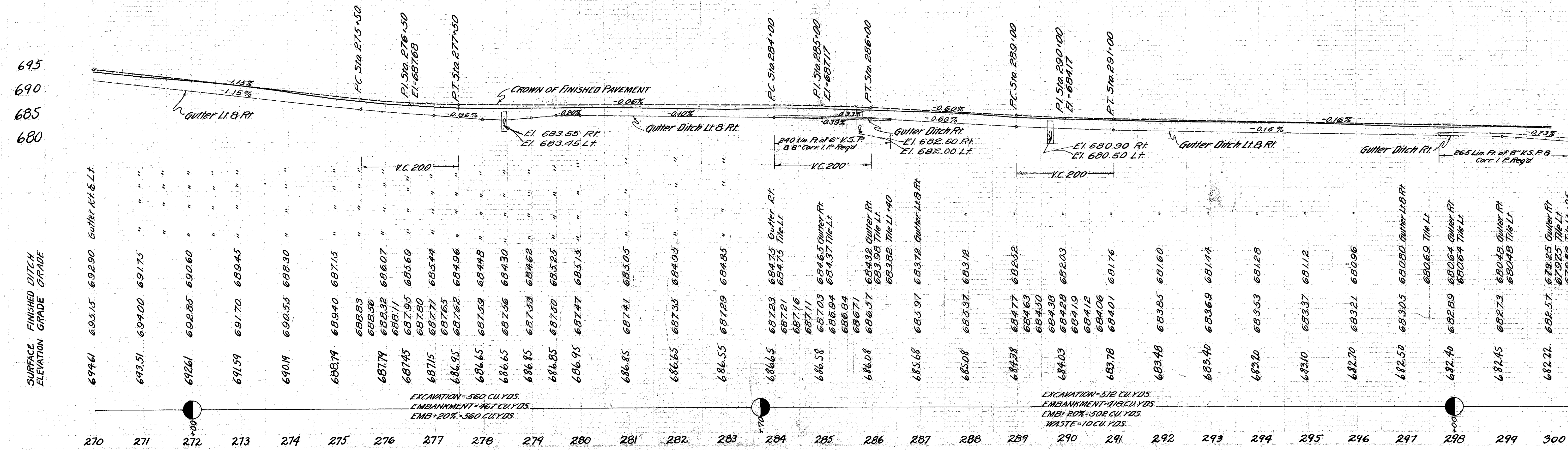
EXCAVATION = 780 CU. YDS.
EMBANKMENT = 649 CU. YDS.
EMB. @ 20% = 779 CU. YDS.
WASTE = 1 CU. YD.

EXCAVATION = 233 CU. YDS.
EMBANKMENT = 206 CU. YDS.
EMB. @ 20% = 247 CU. YDS.
BORROW = 14 CU. YDS.

S.H.I.C.HI 273 SEC. 'G'
WOOD COUNTY



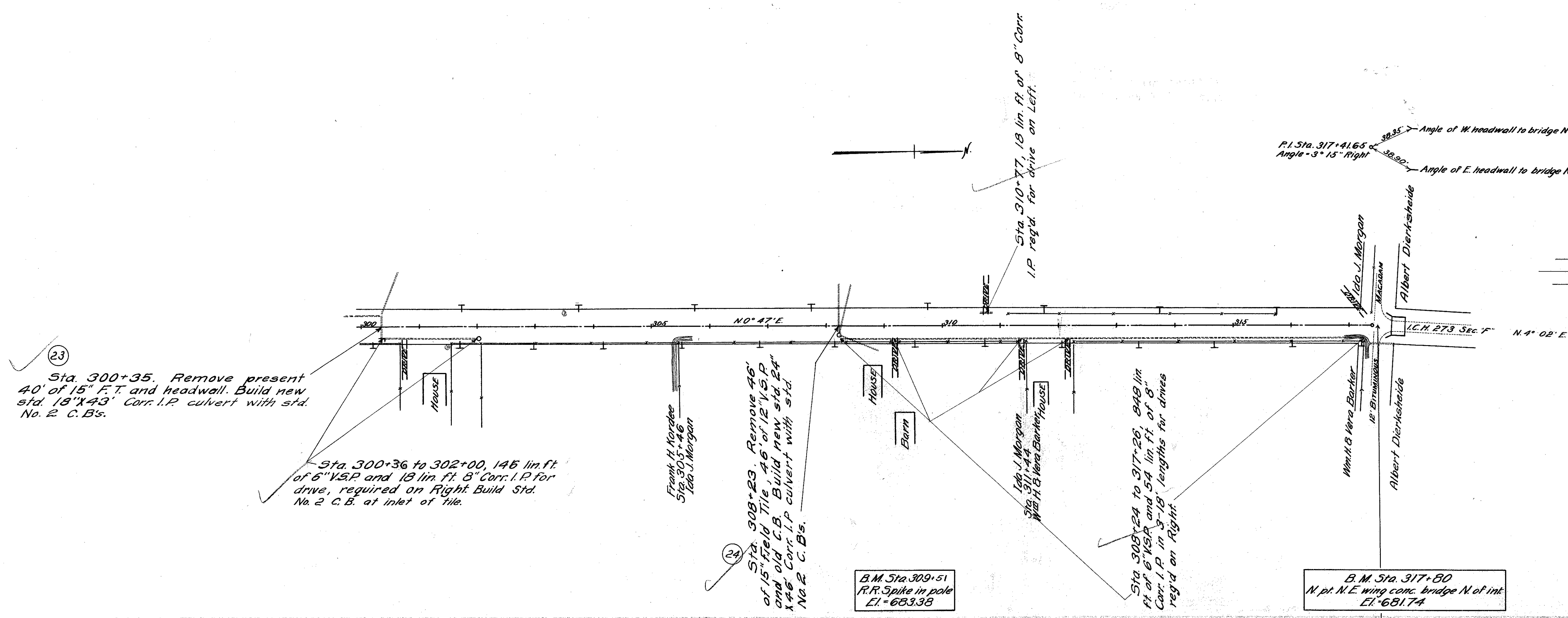
LEFT			RIGHT		
Edge of Pav.	Width	Station	Grade Elev.	Width	Edge of Pav.
688.52	9.00	273+43.88	688.90	9.00	688.82
688.65	9.00	275+75	688.56	9.00	688.48
688.53	9.00	276+00	688.32	9.00	688.23
688.48	9.00	276+25	688.12	9.00	688.04
688.44	9.00	276+43.88	687.98	9.00	687.90
688.44	9.00	276+50	687.95	9.00	687.87
688.45	9.00	276+75	687.82	9.00	687.74
688.47	9.00	276+93.88	687.74	9.00	687.66
688.44	9.00	277+00	687.71	9.00	687.63
688.38	9.00	277+25	687.65	9.00	687.57
688.35	9.00	277+50	687.62	9.00	687.54
688.33	9.00	277+75	687.60	9.00	687.52
688.32	9.00	278+00	687.59	9.00	687.51
688.30	9.00	278+25	687.57	9.00	687.49
688.29	9.00	278+50	687.56	9.00	687.48
688.27	9.00	278+75	687.54	9.00	687.46
688.26	9.00	279+00	687.53	9.00	687.45
688.25	9.00	279+14.71	687.52	9.00	687.44
688.04	9.00	279+30	687.50	9.00	687.42
687.95	9.00	279+64.71	687.49	9.00	687.41
687.88	9.00	279+75	687.48	9.00	687.40
687.73	9.00	280+00	687.47	9.00	687.39
687.58	9.00	280+25	687.45	9.00	687.37
687.35	9.00	280+64.7	687.43	9.00	687.35



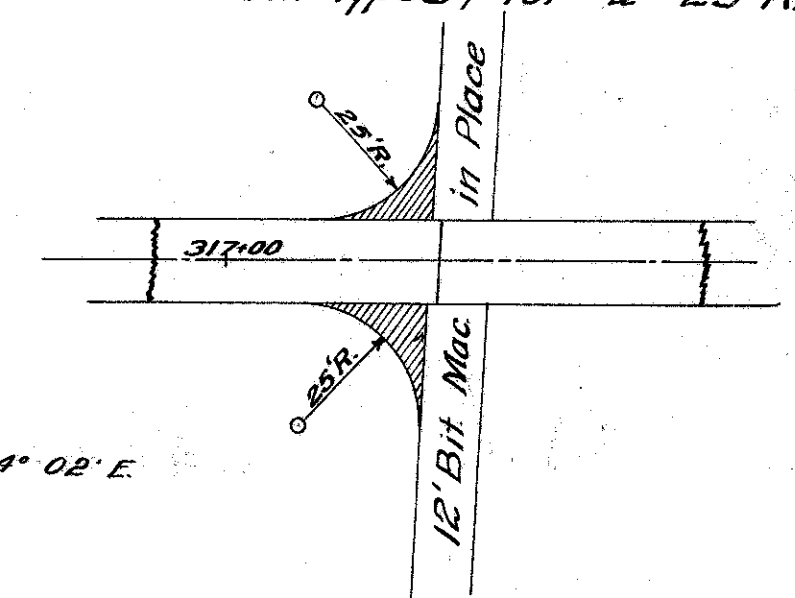
EXCAVATION - 560 CU. YDS.
EMBANKMENT - 467 CU. YDS.
EMB - 20% - 560 CU. YDS.

EXCAVATION - 512 CU. YDS.
EMBANKMENT - 418 CU. YDS.
EMB - 20% - 502 CU. YDS.
WASTE - 10 CU. YDS.

S.H. (I.C.H.) 273 SEC. "G"
WOOD COUNTY



DETAIL OF INTERSECTION
STA. 317+50
Add 298 sq. yds. extra pavement,
both types, for 2-25' R. corners



23
Sta. 300+35. Remove present 40' of 15\"/>

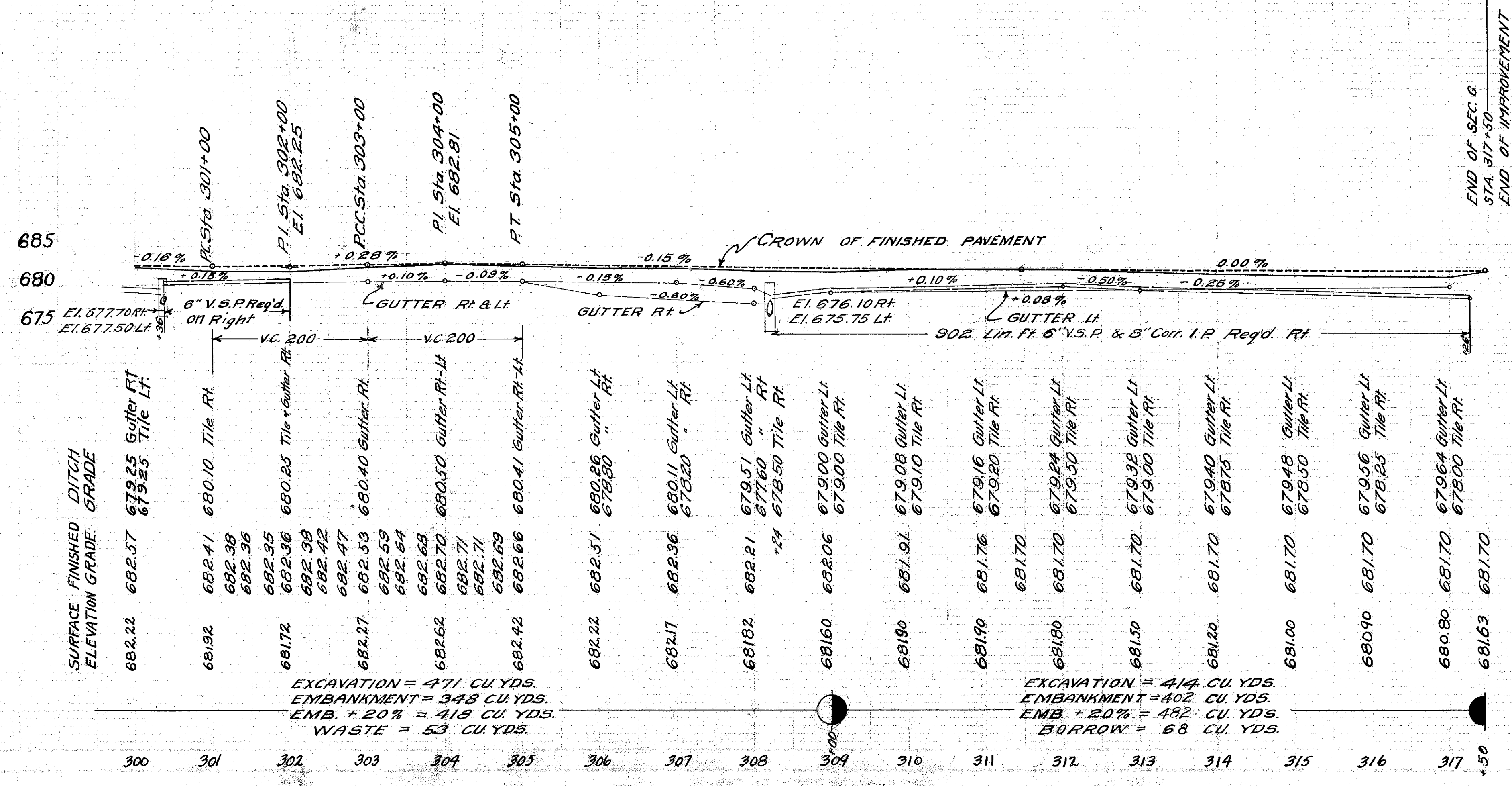
Sta. 300+36 to 302+00, 146 lin. ft. of 6\"/>

24
Sta. 308+23. Remove 46' of 15\"/>

B.M. Sta. 309+51
R.R. Spike in pole
E.I. = 683.38

Sta. 308+24 to 317+26, 848 lin. ft. of 6\"/>

B.M. Sta. 317+80
N. pt. N.E. wing conc. bridge N. of int.
E.I. = 681.74



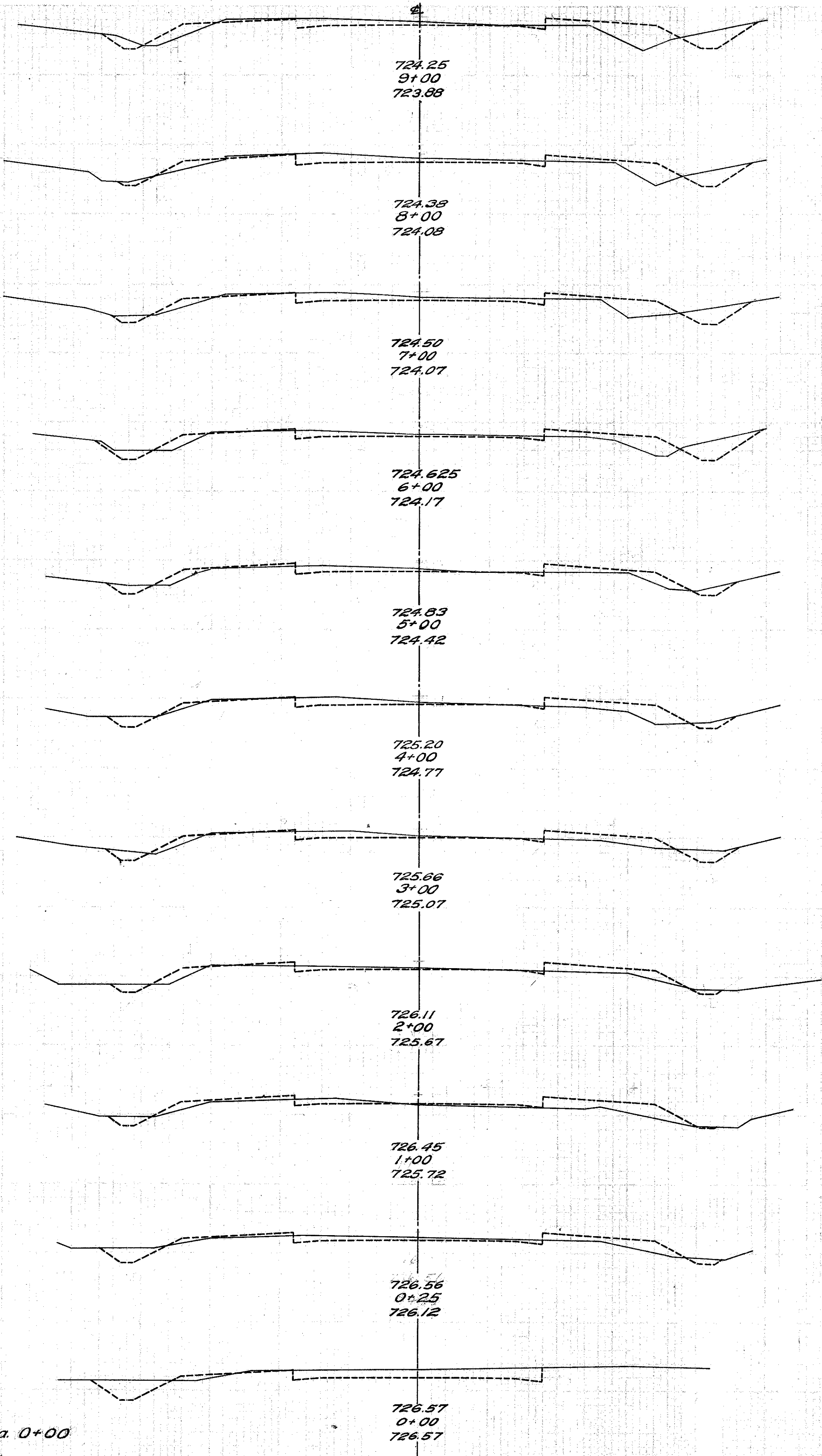
S.H.(I.C.H) 273 Sec. 'H'
WOOD COUNTY

END AREA		CUBIC YARD	
C.	F.	C.	F.
11	11.5		
		43	35
12	7.5		
		43	28
11	7.5		
		39	29
10	8		
		32	28
7	7		
		27	27
7.5	7.5		
		30	25
8.5	6		
		23	24
4	7		
		15	33
4	11		
		17	24
8	6		
		11	4
16.5	1.5		

EMBANKMENT = 919 CU. YDS.

EXCAVATION = 483 CU. YDS.

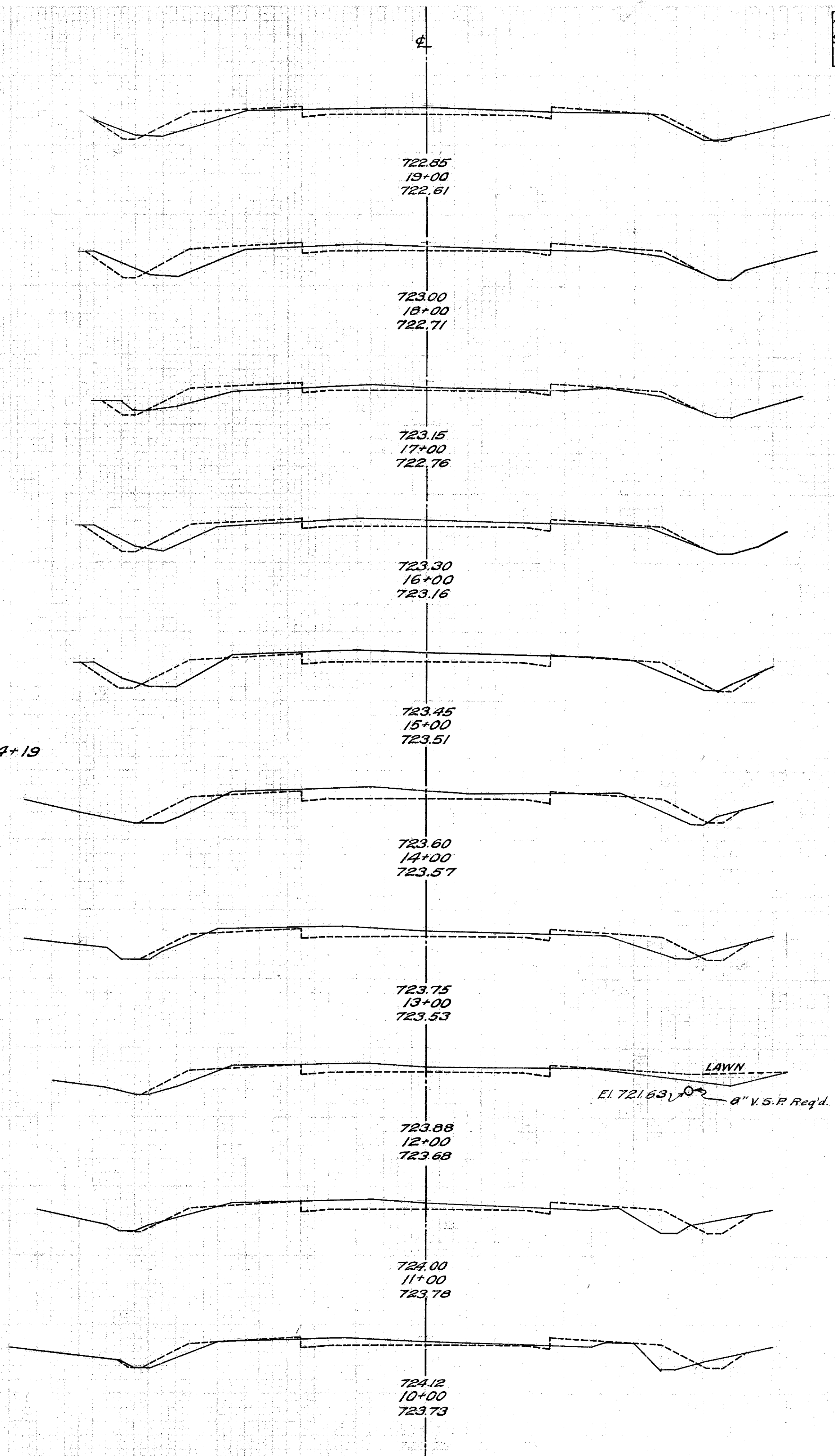
Sta. 0+00



END AREA		CUBIC YARD	
C.	F.	C.	F.
8	8		
		29	35
7.5	11		
		26	35
6.5	8		
		32	30
11	8		
		53	30
17.5	8		
		46	24
		57	30
		77	6
13	8		
		46	28
12	7		
		38	29
8.5	8.5		
		39	30
12.5	7.5		
		36	31
7	9		
		33	38

EXCAVATION = 434 CU. YDS.

Sta. 14+19



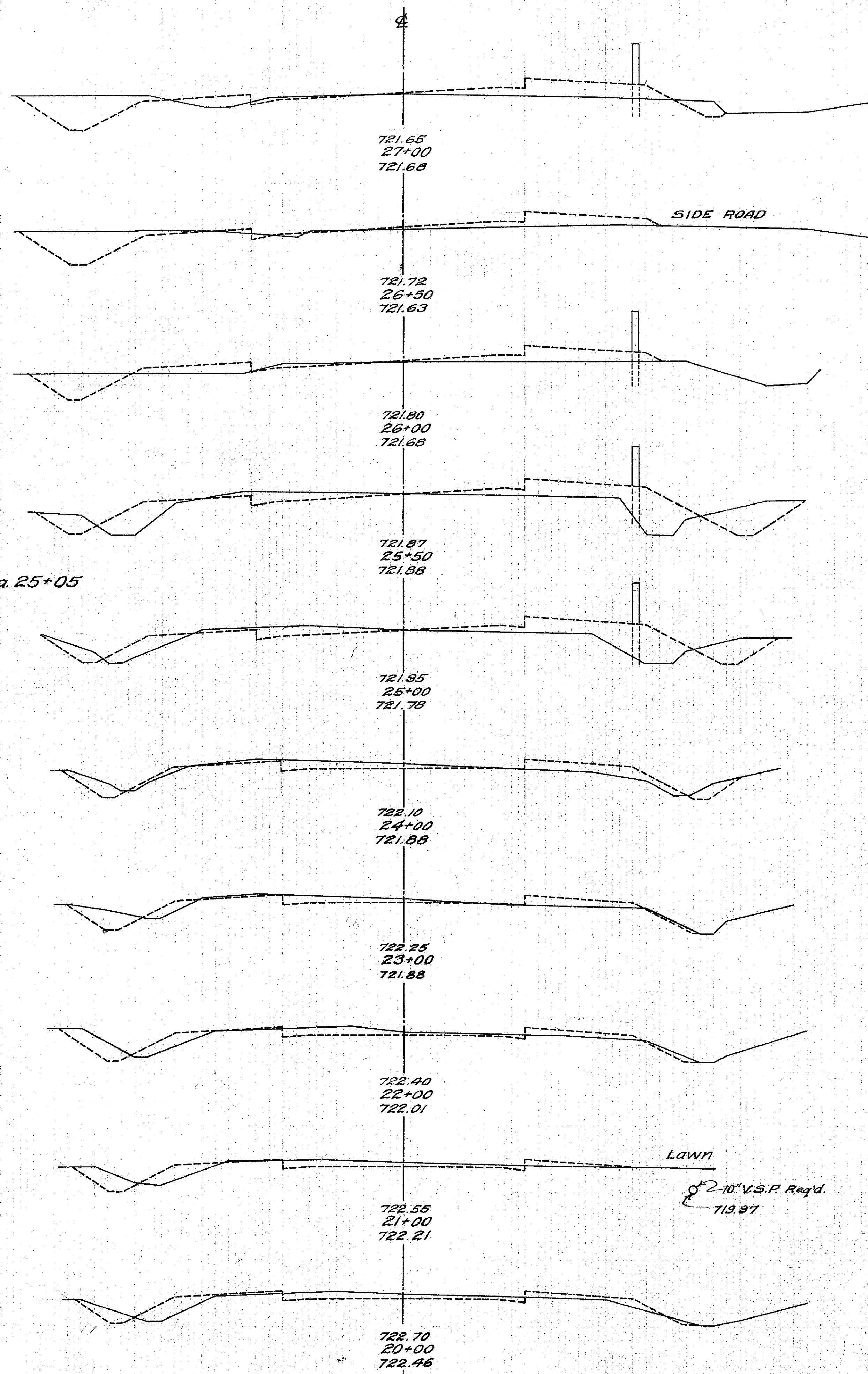
LAWN
El. 721.63
8" V.S.P. Req'd.

END AREA	CUBIC YARD	END AREA	CUBIC YARD
C. F.	C. F.	C. F.	C. F.
19	18		
	32	28	
15	12		
	24	27	
10	17		
	27	44	
19	30		
	30	48	
	33	53	
	9	5	
16	27		
	53	68	
12	9		
	44	29	
11	6		
	42	25	
11	7		
	40	24	
10	6		
	35	27	
9	8		
	31	31	

EXCAVATION = 361 CU. YDS.

EMBANKMENT = 363 CU. YDS.

Sta. 25+05

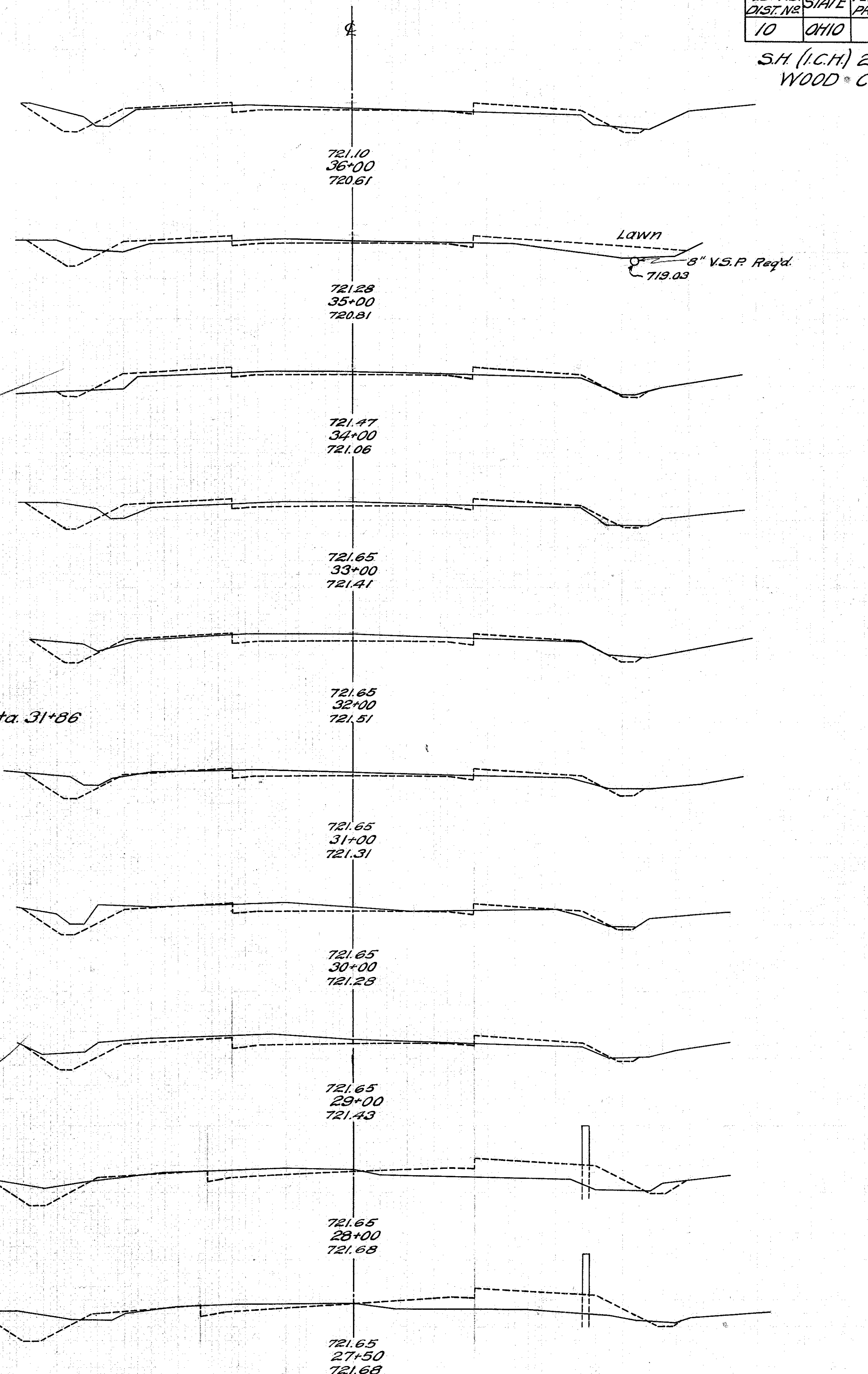


END AREA	CUBIC YARD	END AREA	CUBIC YARD
C. F.	C. F.	C. F.	C. F.
8	8		
	32	39	
9	13		
	26	39	
5	8		
	30	30	
11	8		
	46	19	
14	2		
	48	11	
	41	9	
12	3		
	46	11	
13	2		
	54	12	
16	4		
	52	44	
12	19		
	24	39	
14	2		
	31	38	

EXCAVATION = 305 CU. YDS.

EMBANKMENT = 300 CU. YDS.

Sta. 31+86



FED. RD. DIST. NO.	STATE	FED. AID PROJECT	FISCAL YEAR
10	OHIO		1926

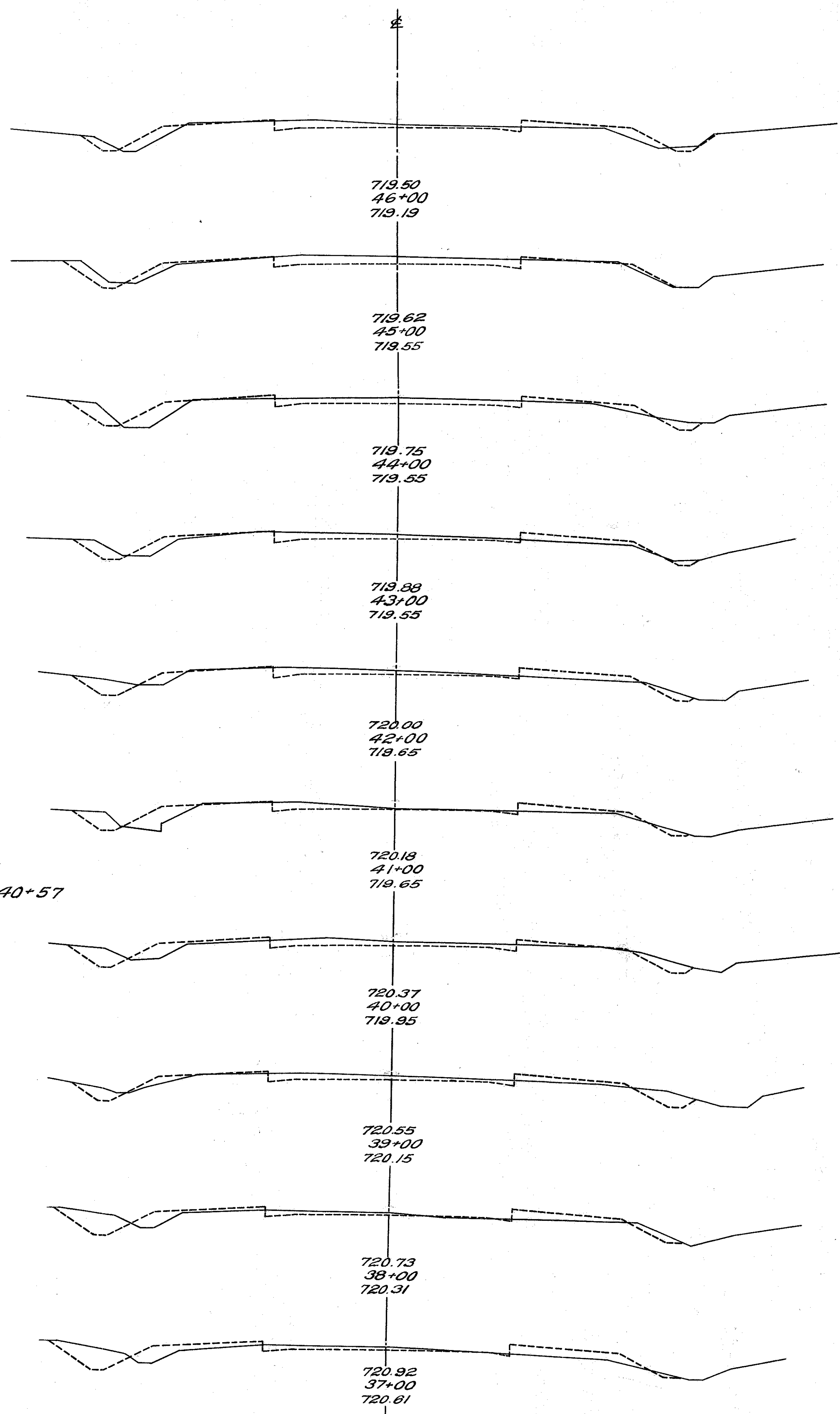
S.H. (I.C.H.) 279 Sec. "H"
WOOD COUNTY

END AREA	CUBIC YARD
C. F.	C. F.
7	7
	35 20
12	4
	41 20
10	7
	35 25
9	6 1/2
	35 23
10	6
	33 25
8	7 1/2
	37 25
	21 14
12	6
	42 19
10 3/4	4 1/2
	36 23
9	8
	33 34
9	10 1/2
	32 34

Excavation = 474 Cu. Yds.

Embankment = 253 Cu. Yds.

Sta. 40+57



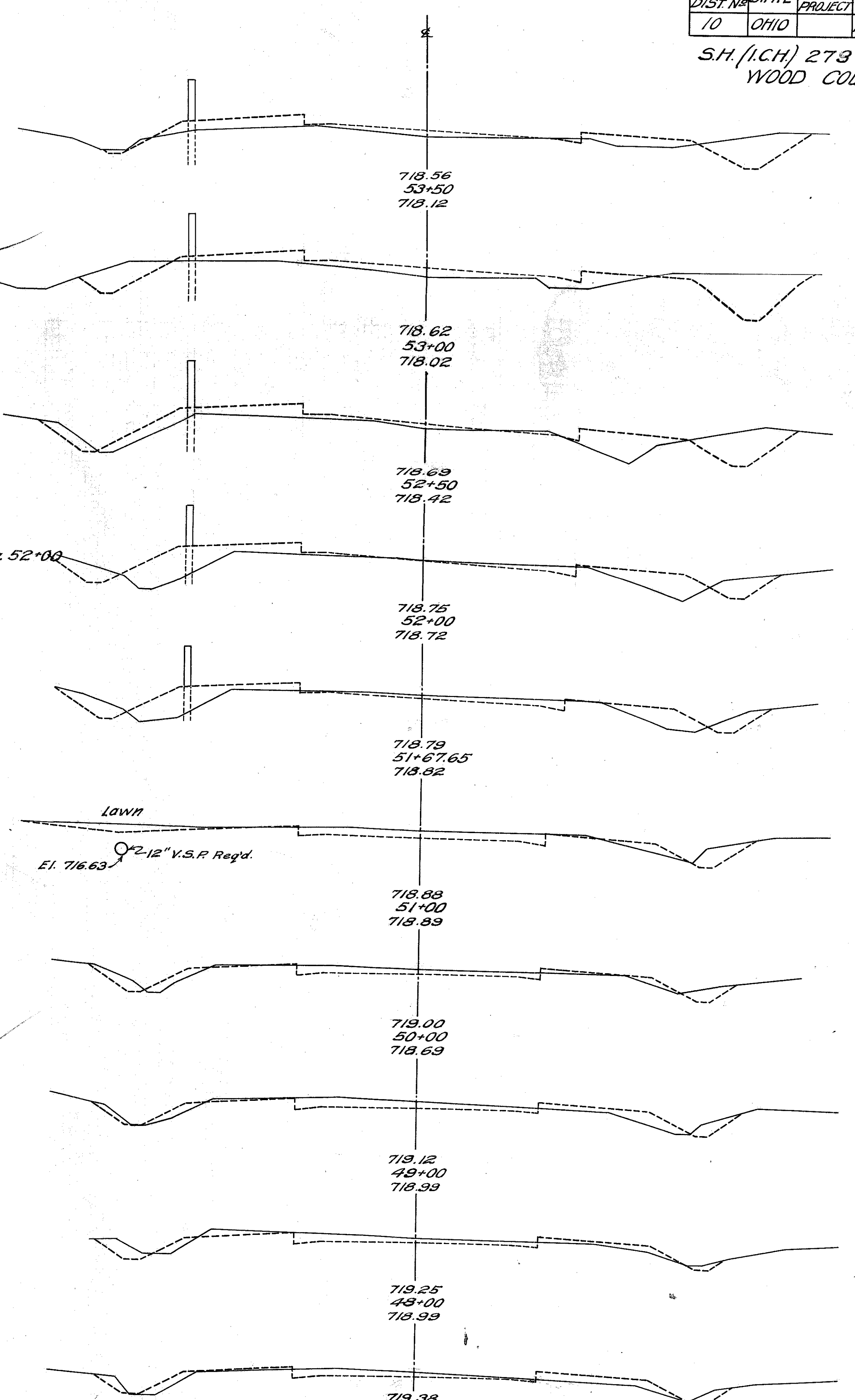
END AREA	CUBIC YARD
C. F.	C. F.
12	18
	31 33
21 1/2	18
	33 38
14	23
	24 47
11 1/2	27 1/2
	15 28
13	20
	40 29
19	3
	60 14
13 1/2	4 1/2
	49 21
13	7
	46 22
12	5
	39 25
9	8 1/2
	30 29

Excavation = 403 Cu. Yds.

Embankment = 292 Cu. Yds.

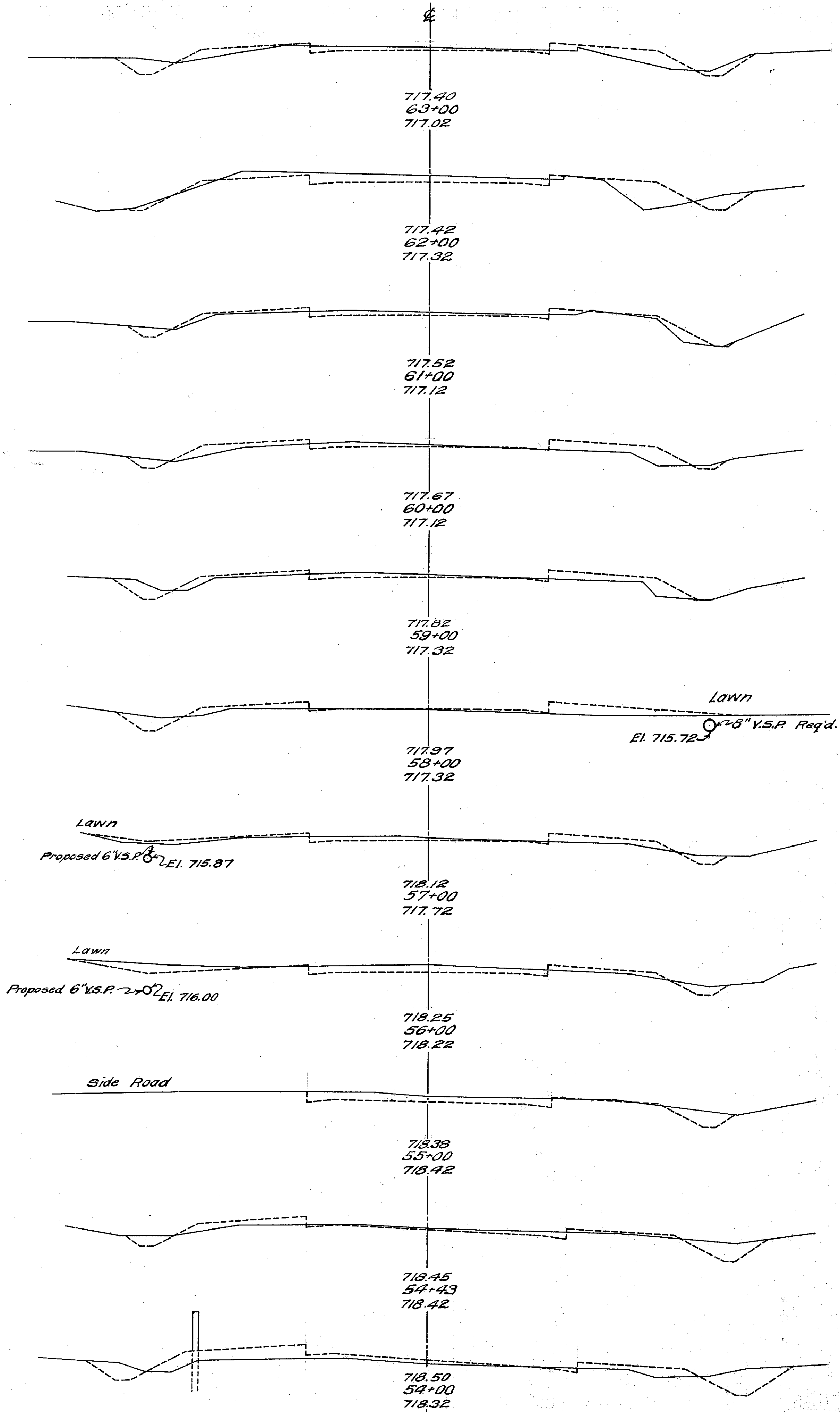
Sta. 52+00

Lawn
El. 716.63
2-12" V.S.P. Req'd.



END AREA		CUBIC YARD	
C.	F.	C.	F.
8	10 ²		
		41	36
14	9		
		36	27
5 ²	5 ²		
		19	32
4 ²	12		
		20	40
6 ²	9 ²		
		18	38
3	11		
		14	35
4 ²	8		
		36	20
15	3		
		52	6
13	0		
		24	6
9 ²	6		
		16	20
11	19		
		21	34

EMBANKMENT = 439 Cu. Yds.



FED. RD. DIST. NO.	STATE	FED. AID PROJECT YEAR	FISCAL YEAR
10	OHIO	1926	1926

17
33

S.H. (I.C.H.) 273 Sec. "H"
WOOD COUNTY

END AREA		CUBIC YARDS	
C.	F.	C.	F.
11	9		
		46	25
14	4 ²		
		50	18
13	5		
		50	19
14	5		
		31	14
		44	19
		13	5
10	5		
		39	19
11	5 ²		
		35	25
8	8		
		37	26
12	6		
		36	33
7 ²	12		
		24	40
5 ²	9 ²		
		7	10
		25	37
		18	27

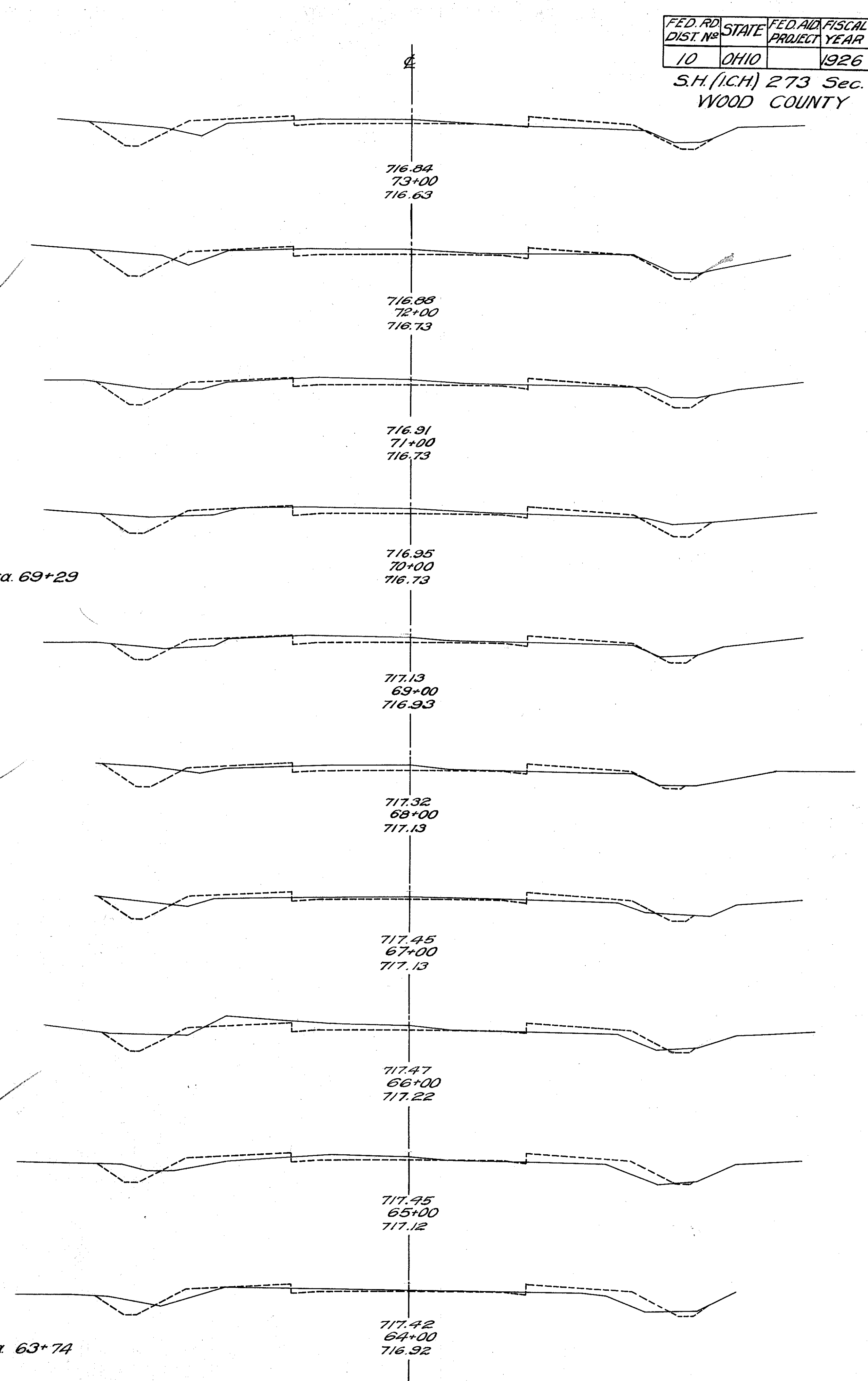
EXCAVATION = 487 Cu. Yds.

EXCAVATION = 158 Cu. Yds.

EXCAVATION = 191 Cu. Yds.

Sta 69+29

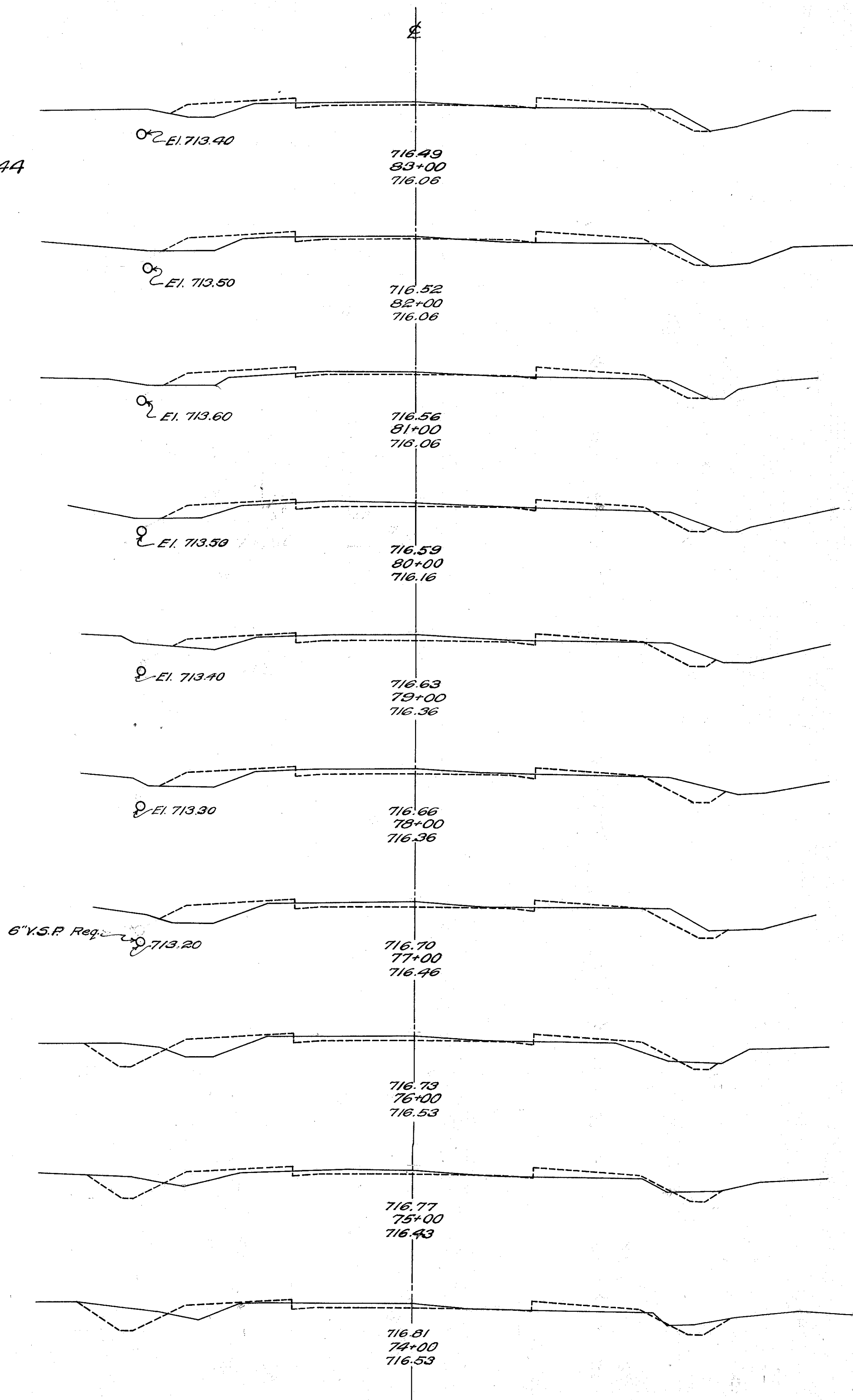
Sta 63+74



END AREA		CUBIC YARD	
C.	F.	C.	F.
4	10	8	22
		14	40
		6	18
3	11		
		13	41
3	10		
		19	36
7	9		
		31	30
10	7		
		39	30
11	9		
		36	36
8	10		
		38	42
12	12		
		42	38
10	8		
		43	30
12	7		
		43	31

EMBANKMENT = 408 CU. YDS.

Sta. 82+44

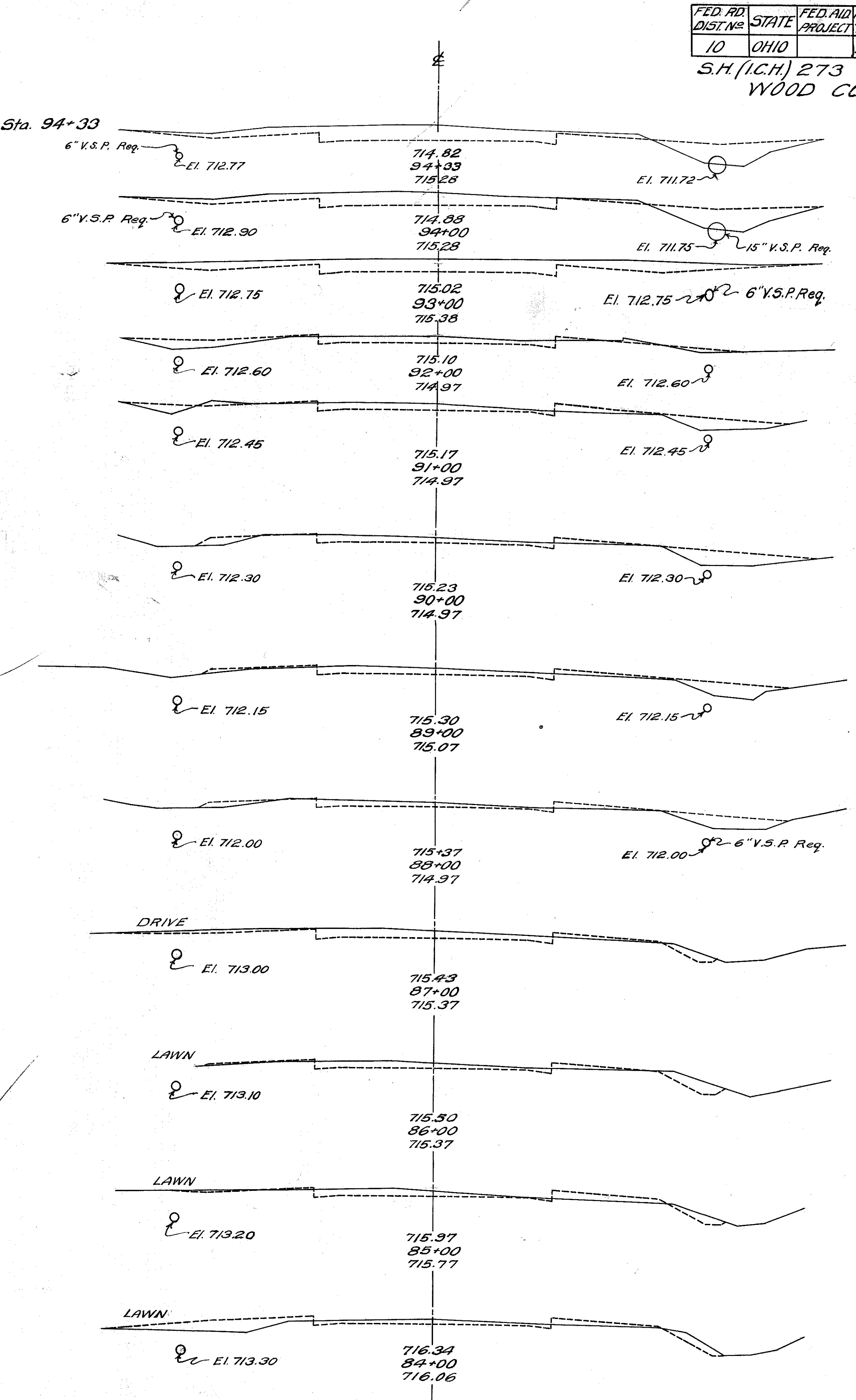


END AREA		CUBIC YARD	
C.	F.	C.	F.
22	12	27	16
22	13	105	24
34	0	80	15
9	8	31	35
8	11		
		28	43
7	12		
		29	42
8	10		
		27	40
6	11		
		33	24
12	15		
		41	6
10	15		
		33	10
8	4		
		28	28
7	11		
		20	39

EMBANKMENT = 344 CU. YDS.

EXCAVATION = 490 CU. YDS.

Sta. 94+33

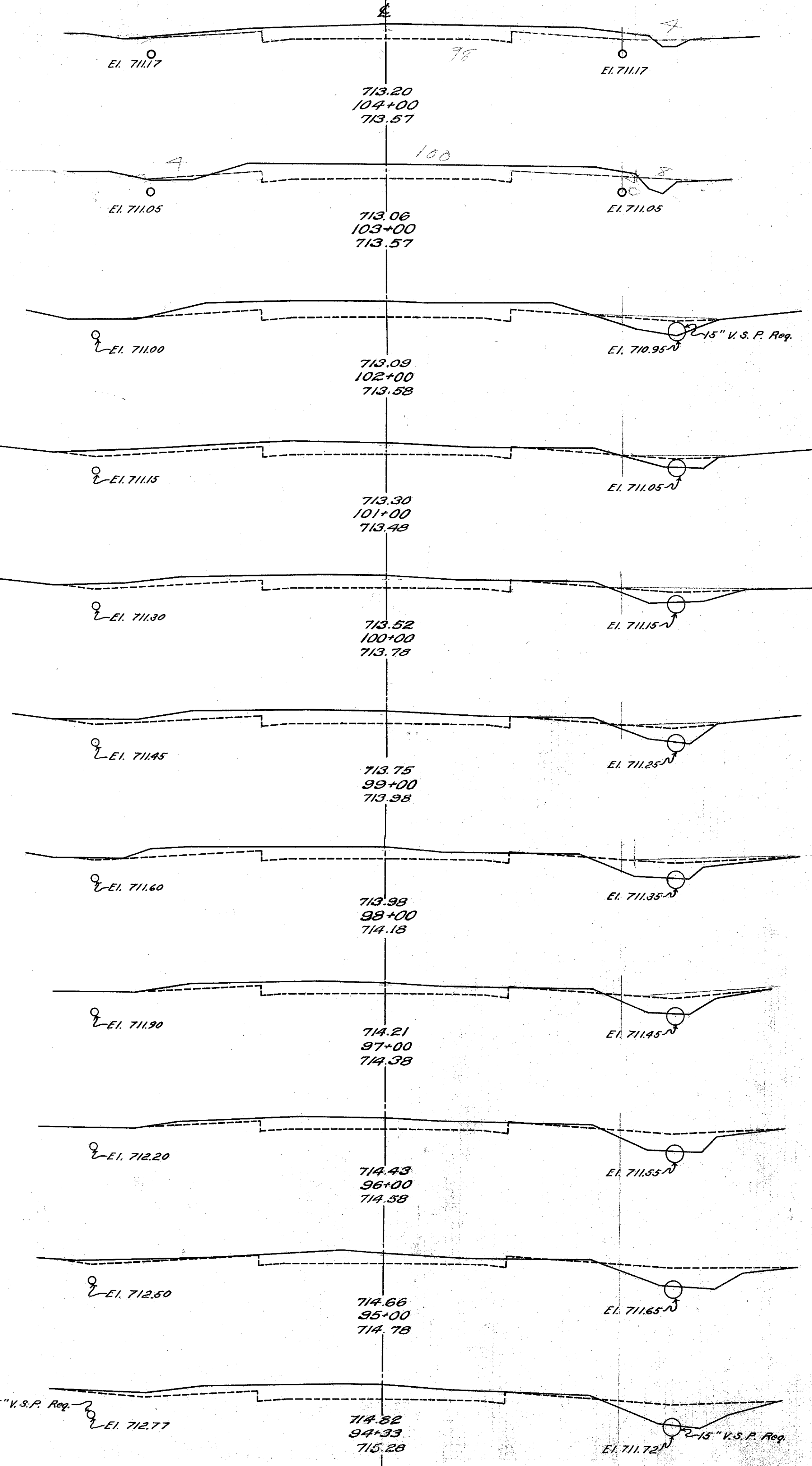


END AREA		CUBIC YARDS	
C.	F.	C.	F.
24	1		
25	3	92	7
28	52	99	16
21	45	92	19
21	52	78	19
23	6	81	21
19	9	78	28
16	8	65	32
16	9	59	32
14	11	56	37
22	125	44	23

EMBANKMENT = 240 CU. YDS.

EXCAV. = 744 CU. YDS.

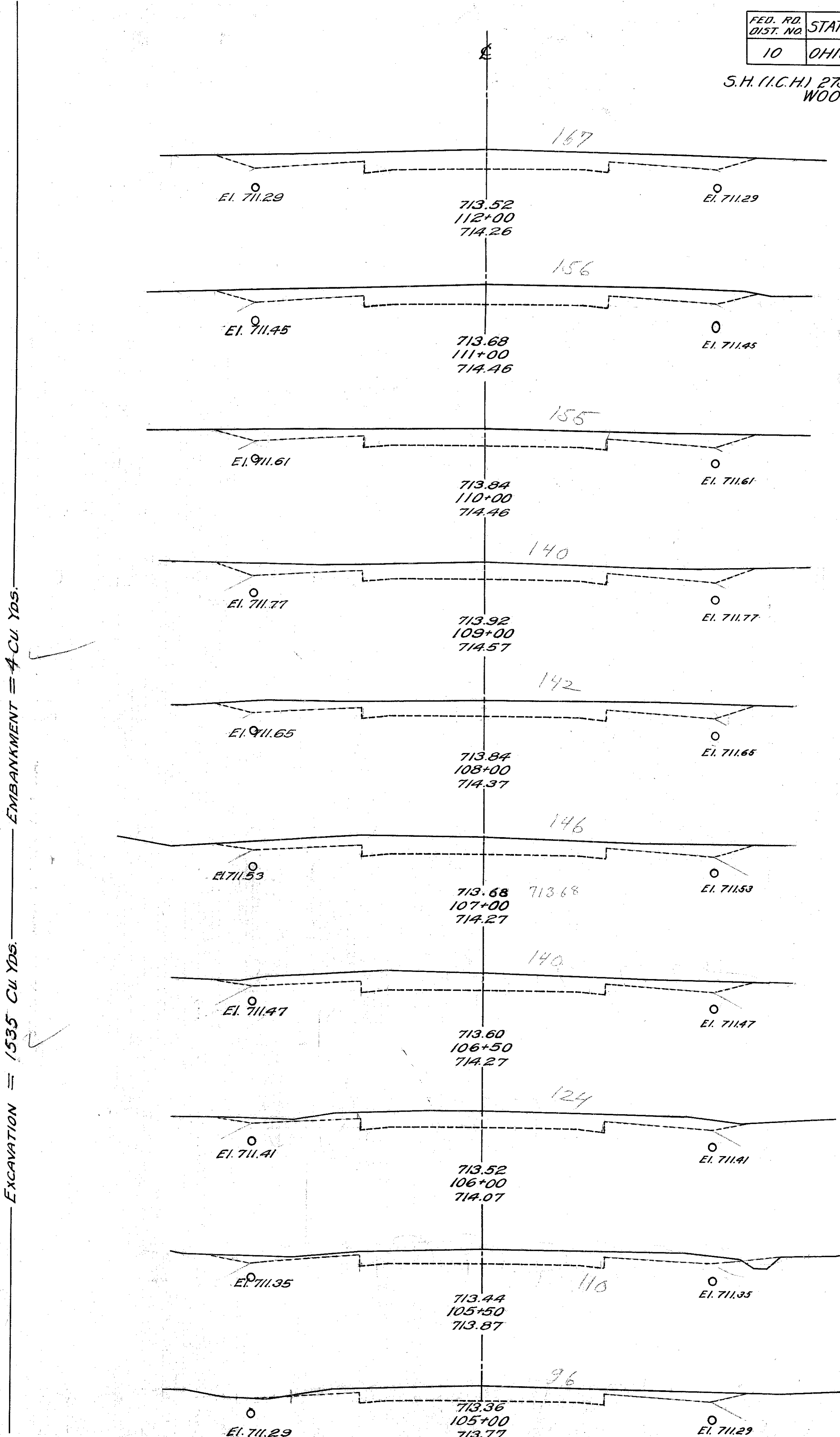
Sta. 94+33



END AREA		CUBIC YARDS	
C.	F.	C.	F.
42			
150			
39			
144			
39			
137			
35			
131			
35	0		
133			
35	0		
132			
35	0		
122			
31	0		
108	2		
27	1		
95	2		
24	0		
90	2		

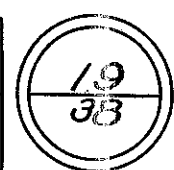
EMBANKMENT = 4 CU. YDS.

EXCAVATION = 1535 CU. YDS.



FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR
10	OHIO		1926

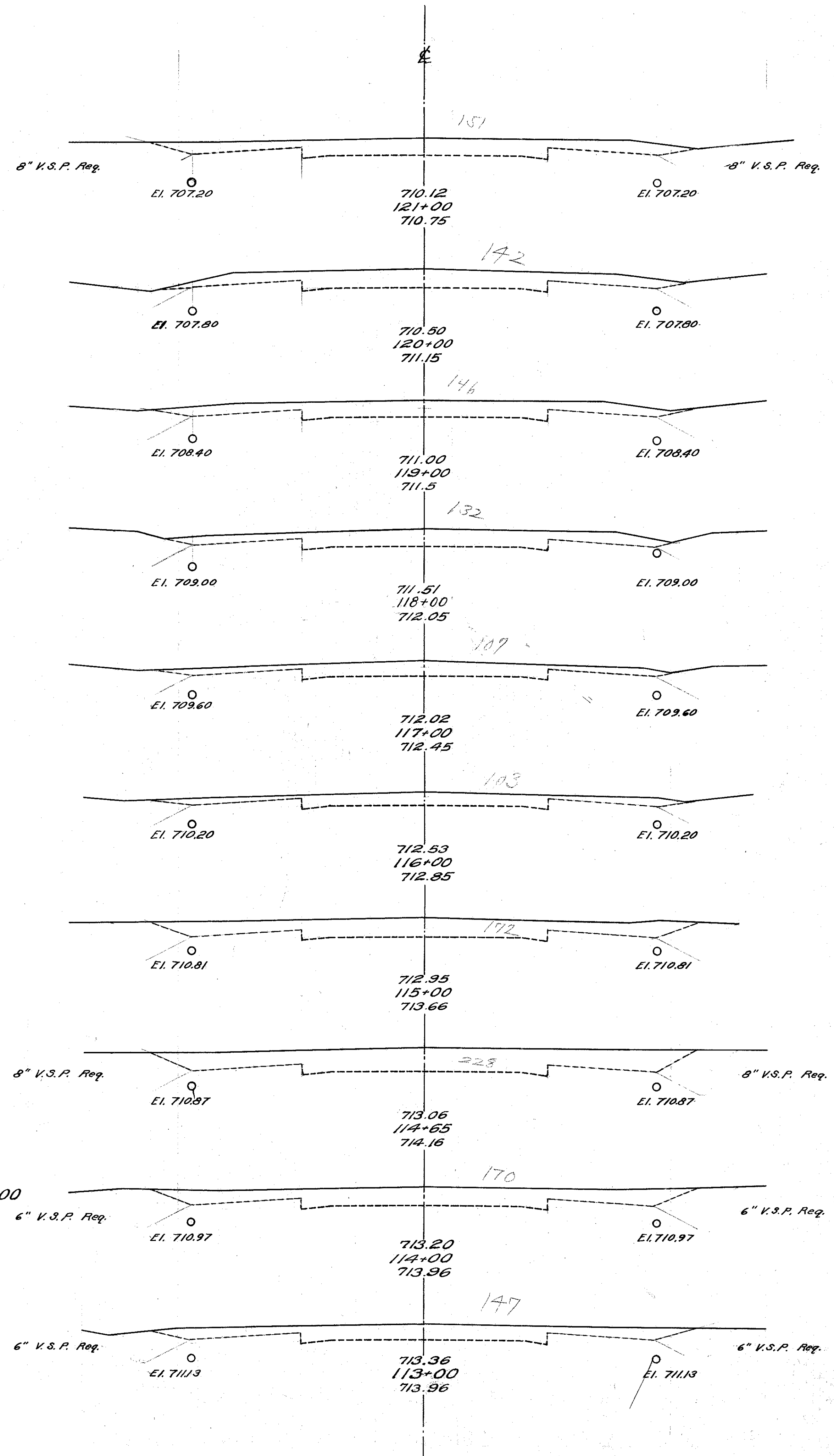
S.H. (I.C.H.) 273 SEC. "W. MILLGROVE" WOOD COUNTY



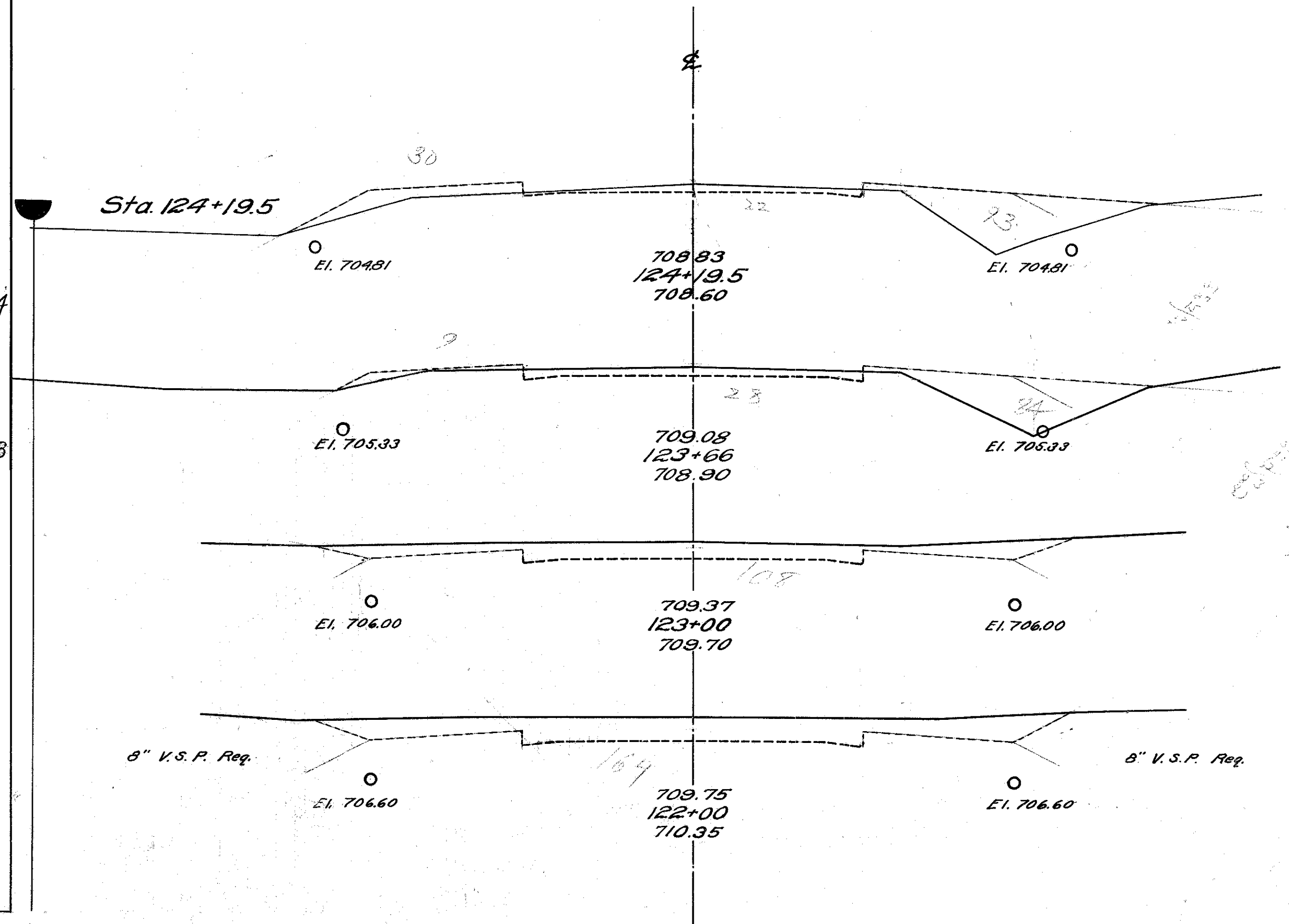
END AREA		CUBIC YARDS	
C.	F.	C.	F.
38		136	
35		133	
36		129	
33		111	
27		98	
26		128	
43		65	
57		120	
42		147	
37		146	

EMB. = 82 CU. YDS.

EXCAV. = 1246 CU. YDS.



END AREA		CUBIC YARDS	
C.	F.	C.	F.
5	31	12	54
7	23	42	28
27		126	
41		146	



FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR
10	OHIO		1926

S.H.(I.C.H.) 273 SEC. "W. MILLGROVE" WOOD COUNTY

20
33

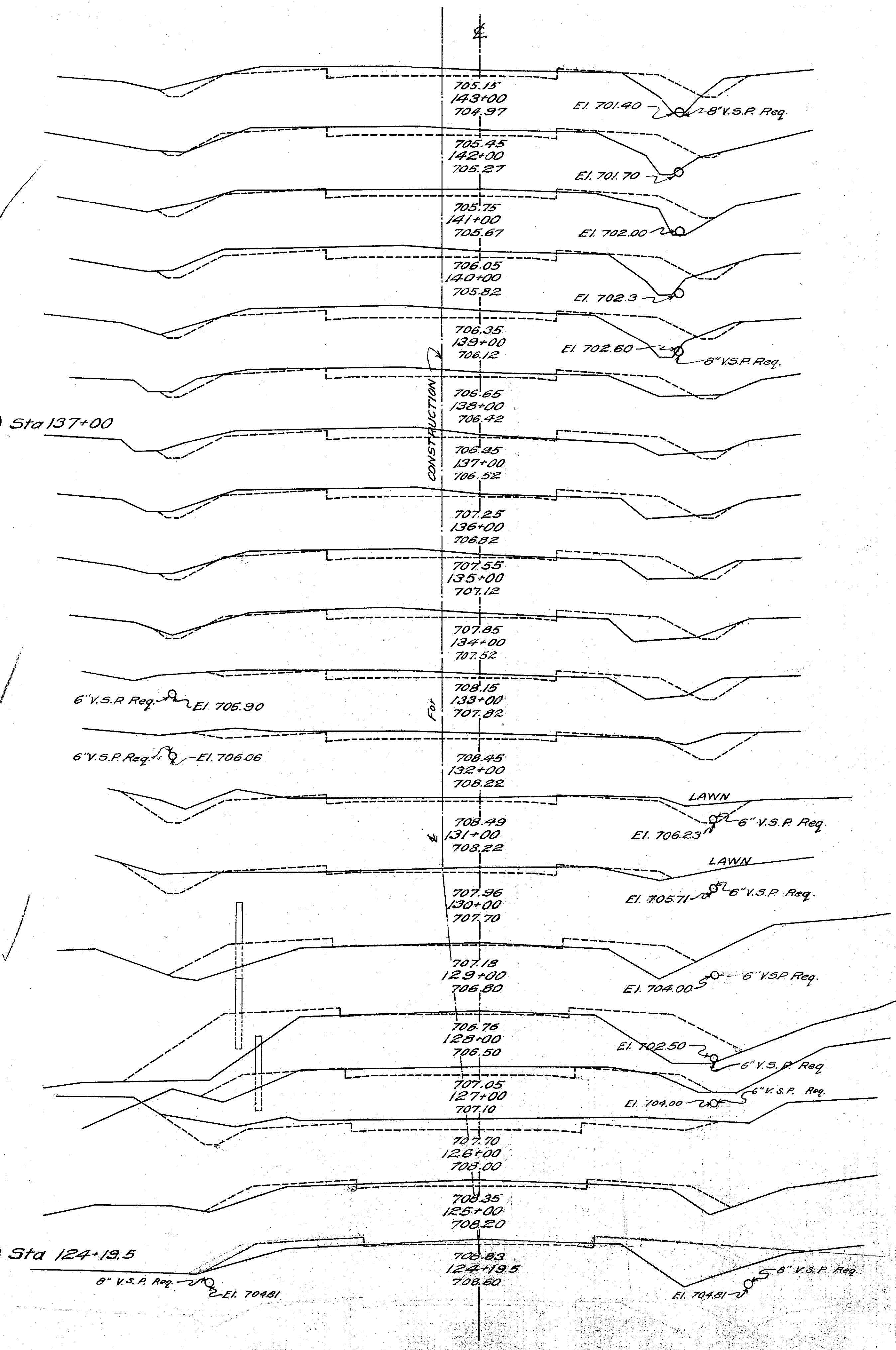
S.H.I.C.H. 273 SEC. 6
WOOD COUNTY

END AREA		CUBIC YARDS	
C.	F.	C.	F.
17	8	53	37
11	12	43	40
12	9	56	36
18	10	69	41
19	12	58	33
12	6	48	26
14	8	49	30
12	8	46	32
12	9	45	36
12	10	48	34
14	8	63	17
20	1	76	4
21	1	47	11
10	5	31	61
6	28	17	165
3	61	26	128
11	8	81	15
33	0	72	22
6	12	17	64
5	31		

Excav. = 836 Cu. Yds.

Emb. = 619 Cu. Yds.

Excav. = 618 Cu. Yds.

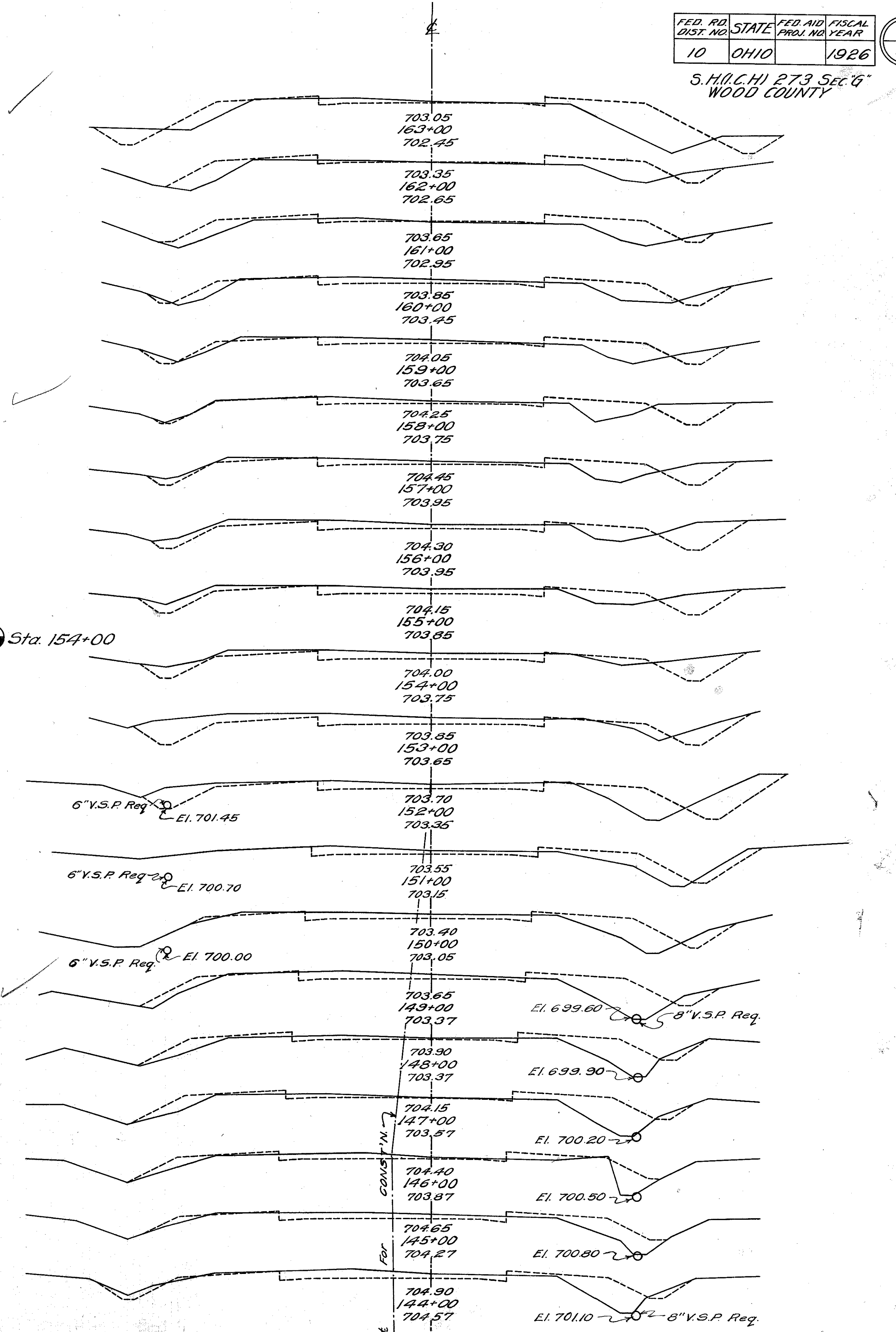


END AREA		CUBIC YARDS	
C.	F.	C.	F.
9	27	24	83
4	18	12	67
2	18	21	56
9	12	35	41
10	10	41	32
12	7	46	29
13	8	65	25
22	5	78	21
20	6	78	15
22	2	93	7
28	2	98	24
25	11	67	37
11	9	37	39
9	12	33	59
9	20	28	70
6	18	18	69
4	19	18	55
5	10	24	37
7	10	37	41
12	12	56	37

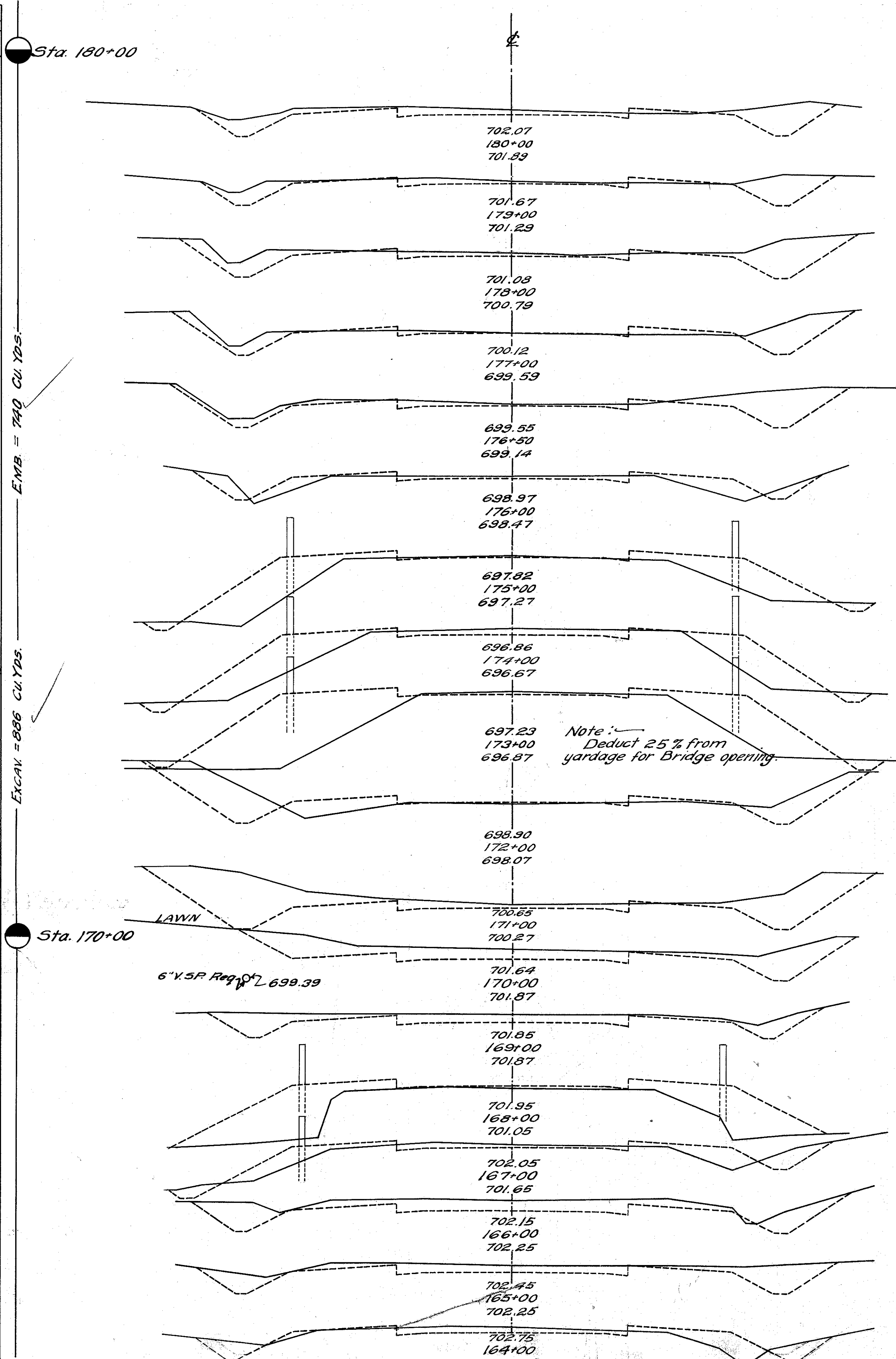
Emb. = 766 Cu. Yds.

Excav. = 948 Cu. Yds.

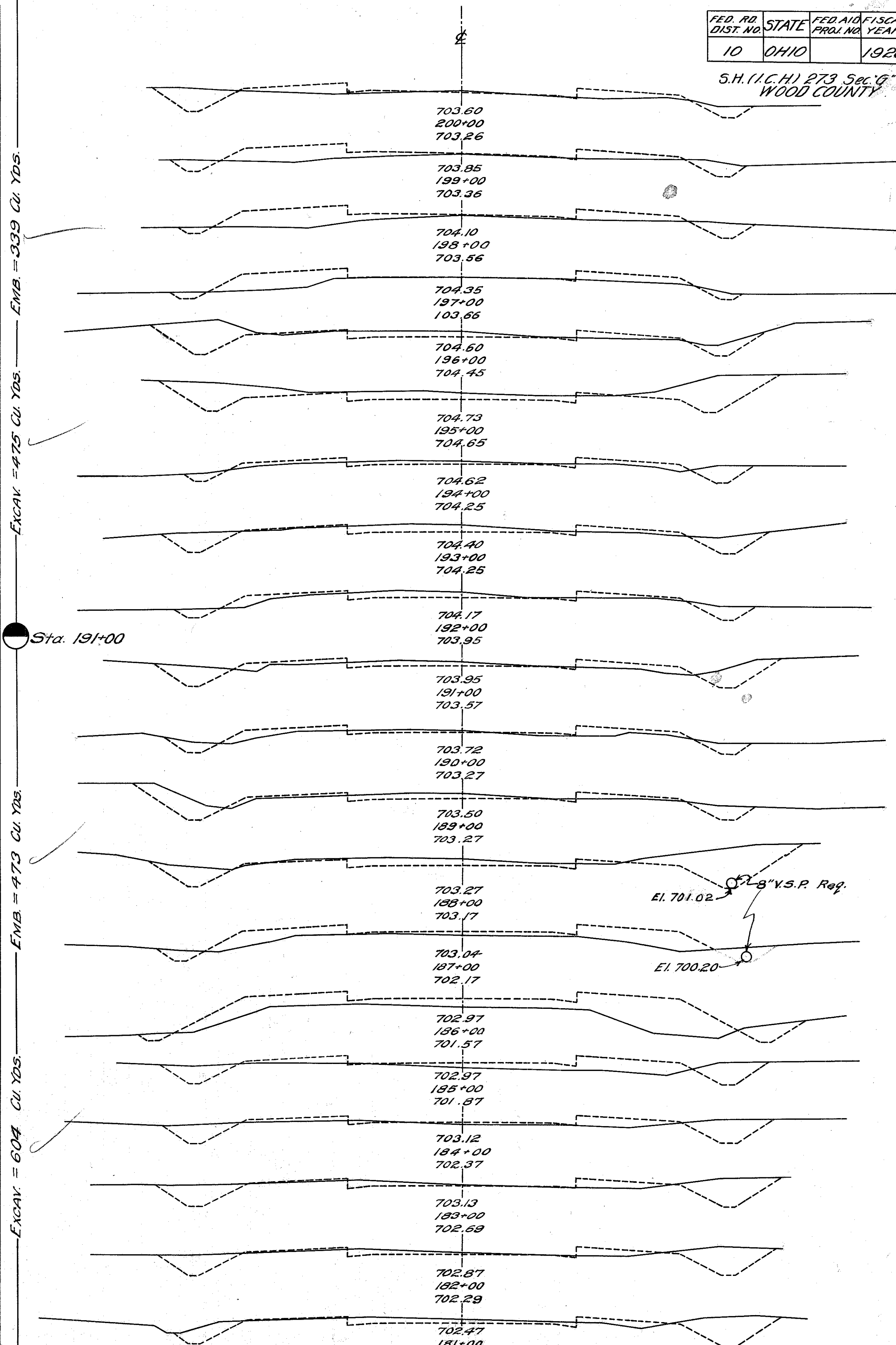
Emb. = 688 Cu. Yds.



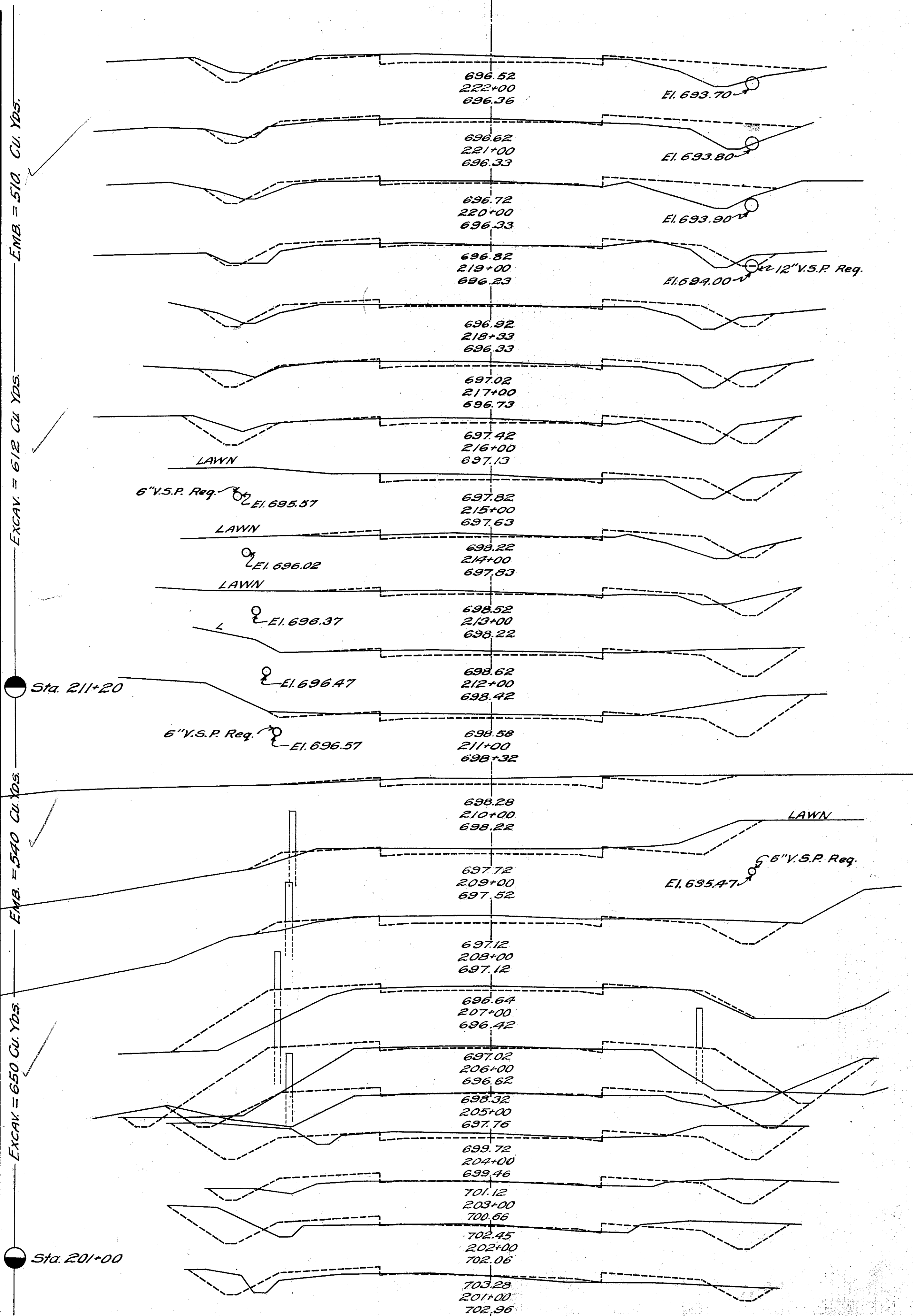
END AREA		CUBIC YARDS	
C.	F.	C.	F.
28	2		
		91	7
21	2		
		94	6
30	1		
		93	9
20	4		
		44	4
28	1		
		35	12
10	12		
		26	13
4	49		
		30	176
12	46		
		31	248
5	88		
		50	139
31	12		
		185	24
69	1		
		207	2
43	0		
		137	0
31	0		
		57	120
0	65		
		20	152
11	17		
		93	33
39	1		
		130	2
31	0		
		76	20
10	11		
		35	70



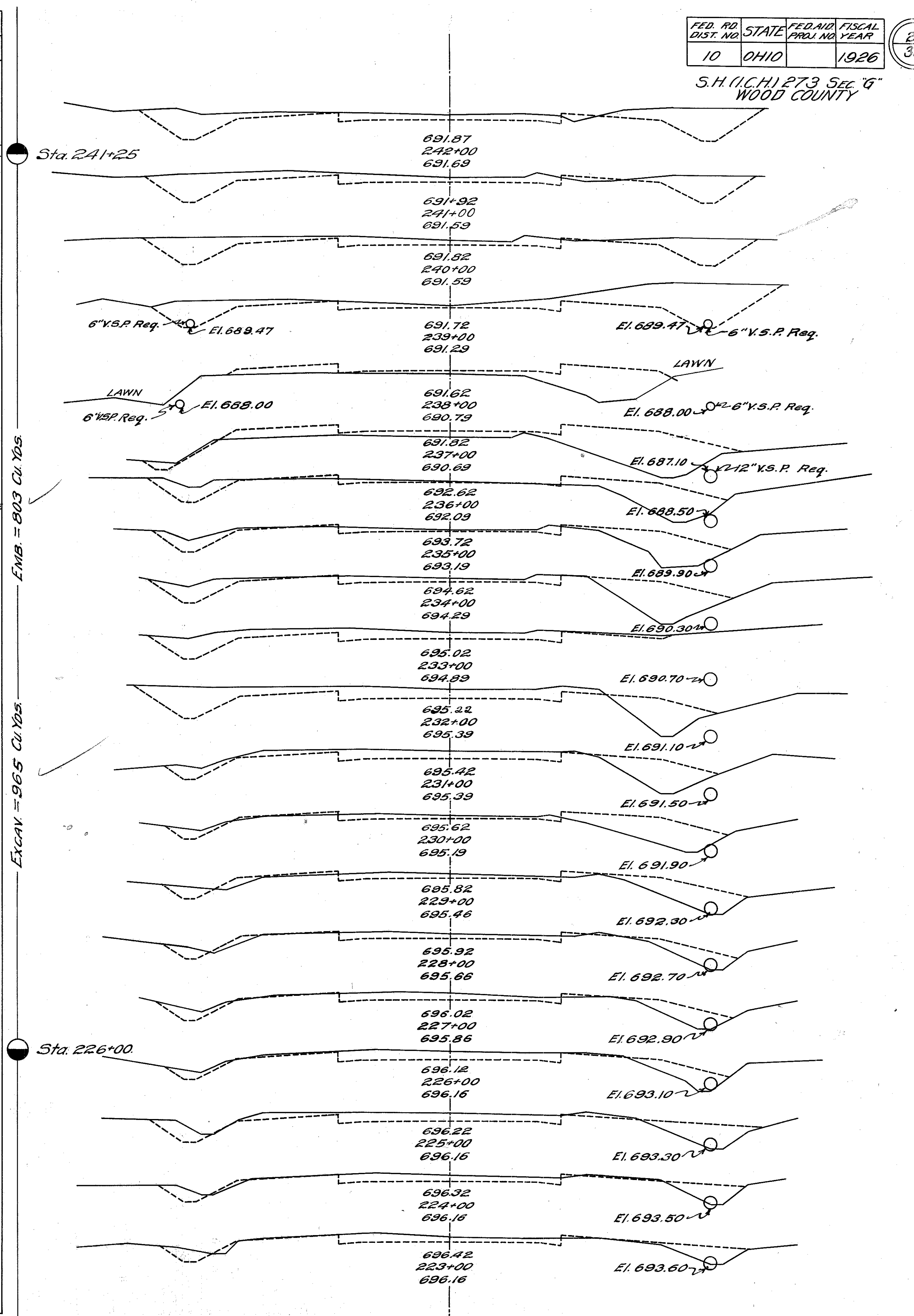
END AREA		CUBIC YARDS	
C.	F.	C.	F.
10	10		
		32	41
6	16		
		30	48
4	21		
		18	69
2	15		
		11	67
20	3		
		41	33
36	1		
		104	7
9	6		
		83	13
18	4		
		50	18
11	6		
		54	19
17	7		
		52	24
7	9		
		44	30
16	4		
		7	9
36	1		
		18	1
1	5		
		35	46
18	135		
		5	49
11	17		
		30	122
14	8		
		46	46
19	4		
		61	23
19	4		
		70	16
20	3		
		19	4
		72	13
		89	9



END AREA		CUBIC YARDS	
C.	F.	C.	F.
13	14	33	57
5	17	17	64
4	17.5	15	51
4	10	18	43
5.5	13	34	39
13	8	54	30
16	8	52	26
12	6	31	30
5	10	24	28
8	5	50	11
19	1	66	5
26	2	83	6
15	2	76	7
17	2	59	7
18	3	44	57
6	28	22	163
6	60	48	154
20	23	107	48
37	3	89	24
11	10	65	33
24	8	58	37
7.5	12	32	41



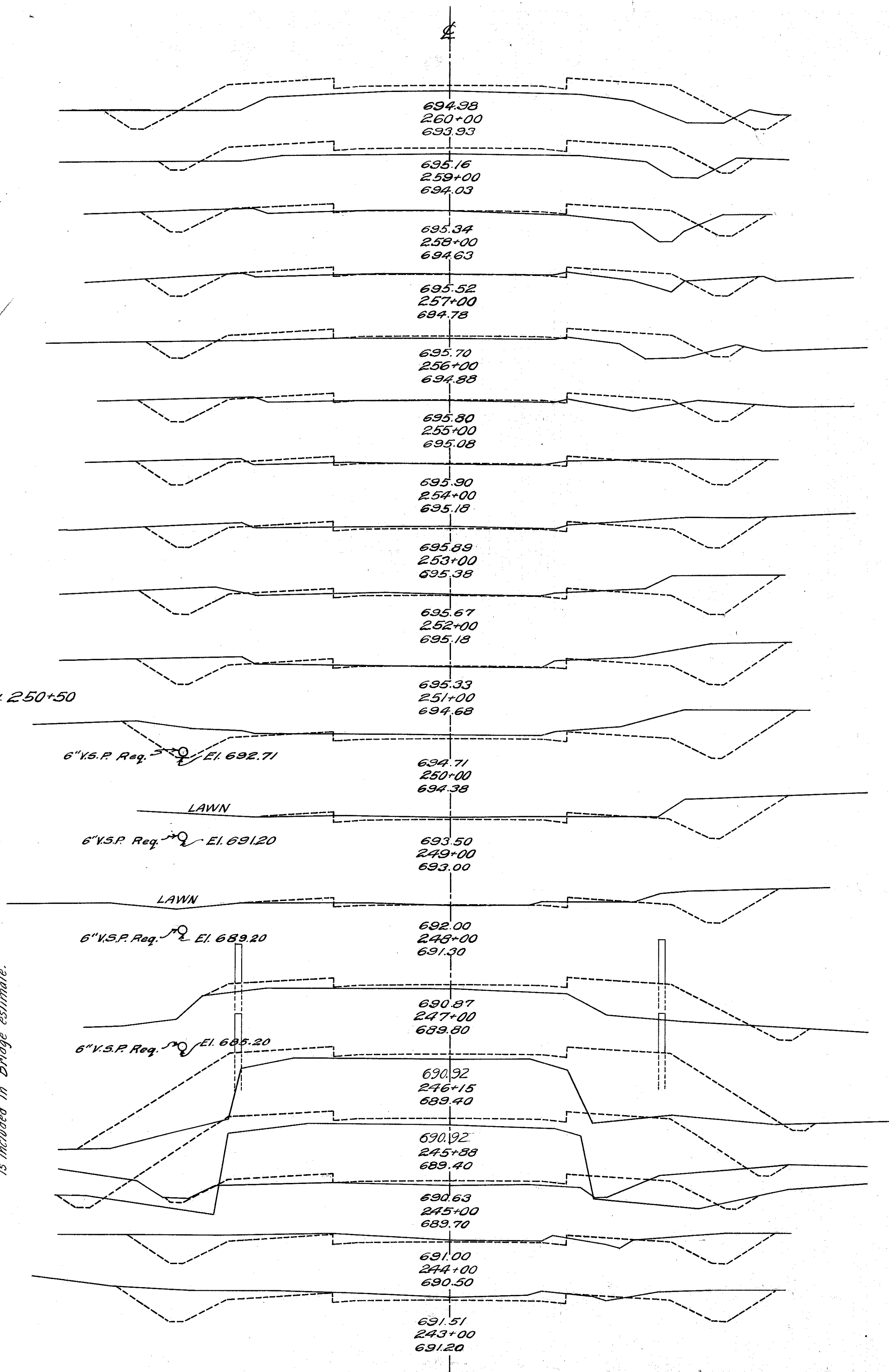
END AREA		CUBIC YARDS	
C.	F.	C.	F.
39	1	101	3
34	1	135	7
35	0	128	2
32	0	161	0
35	0	65	52
0	28	0	137
0	46	15	124
8	21	31	68
9	16	44	67
15	20	76	37
26	0	113	24
35	13	100	50
19	14	49	63
7.5	20	31	68
9	17	33	48
9	9	37	32
11	8	48	30
15	8	65	33
20	10	61	30
13	6	46	24
12	7	46	39



END AREA		CUBIC YARD	
C. F.	C. F.	C. F.	C. F.
8	42		
		20	137
3	32		
		26	89
11	16		
		39	47
10	95		
		30	53
6	19		
		35	54
13	10		
		57	26
18	4		
		78	11
24	2		
		100	9
30	3		
		113	9
31	2		
		79	2
		146	4
		79	2
48	0		
		109	4
23	2		
		74	9
17	3		
		35	80
2	40		
		5	230
1	106		
		3	100
		8	204
2	25		
		59	50
30	2		
		122	6
36	1		
		139	4

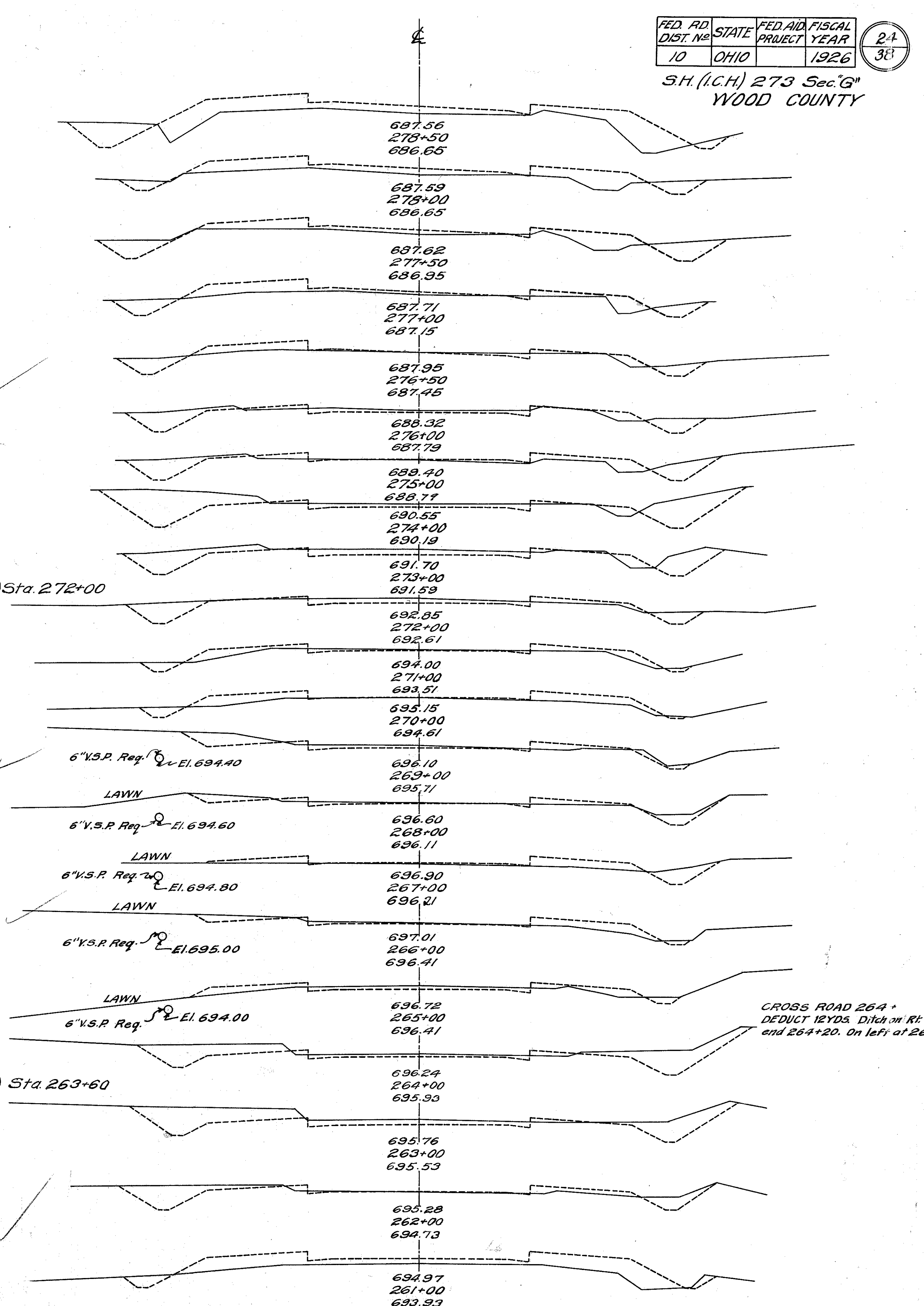
Excav. = 780 Cu Yds.
Excav. = 725 Cu Yds. — EMB. = 592 Cu Yds.

Note: Excavation and Embankment between Stas. 245+88 and 246+15 is included in Bridge estimate.



END AREA		CUBIC YARD	
C. F.	C. F.	C. F.	C. F.
95	39		
		13	60
5	26		
		14	41
10	18		
		16	33
7	18		
		13	24
75	8		
		21	10
15	35		
		48	23
11	9		
		85	22
35	3		
		109	11
24	3		
		74	11
16	3		
		37	22
4	9		
		11	41
2	13		
		20	30
9	3		
		30	13
7	4		
		20	24
4	9		
		17	30
5	7		
		18	26
5	7		
		36	17
21	27		
		44	3
		111	6
		67	3
33			
		87	8
14	35		
		33	65
4	315		
		22	136

Excav. = 560 Cu Yds.
Excav. = 206 Cu Yds. — EMB. = 206 Cu Yds.
Excav. = 233 Cu Yds. — EMB. = 206 Cu Yds.
Excav. = 649 Cu Yds.



FED. RD. DIST. No.	STATE	FED. AID PROJECT	FISCAL YEAR
10	OHIO		1926

S.H. (I.C.H.) 273 Sec. "G"
WOOD COUNTY

24
38

END AREA		CUBIC YARD	
C.	F.	C.	F.
7	9	26	31
7	7 ^{1/2}	23	31
5 ^{1/2}	9 ^{1/2}	33	31
12 ^{1/2}	7	45	33
12	11	43	42
11	11 ^{1/2}	43	38
12	9	57	27
19	5 ^{1/2}	57	23
12	7	39	27
9	7 ^{1/2}	31	32
7 ^{1/2}	10	32	28
9 ^{1/2}	5	30	13
6 ^{1/2}	2	27	13
8	5	19	35
2	14	7	14
6	14	22	47
6	11 ^{1/2}	15	33
6 ^{1/2}	9 ^{1/2}	23	39
6 ^{1/2}	9 ^{1/2}	28	25
8 ^{1/2}	4	31	24
8	9	15	24
8 ^{1/2}	16 ^{1/2}	27	33
21	19	28	54

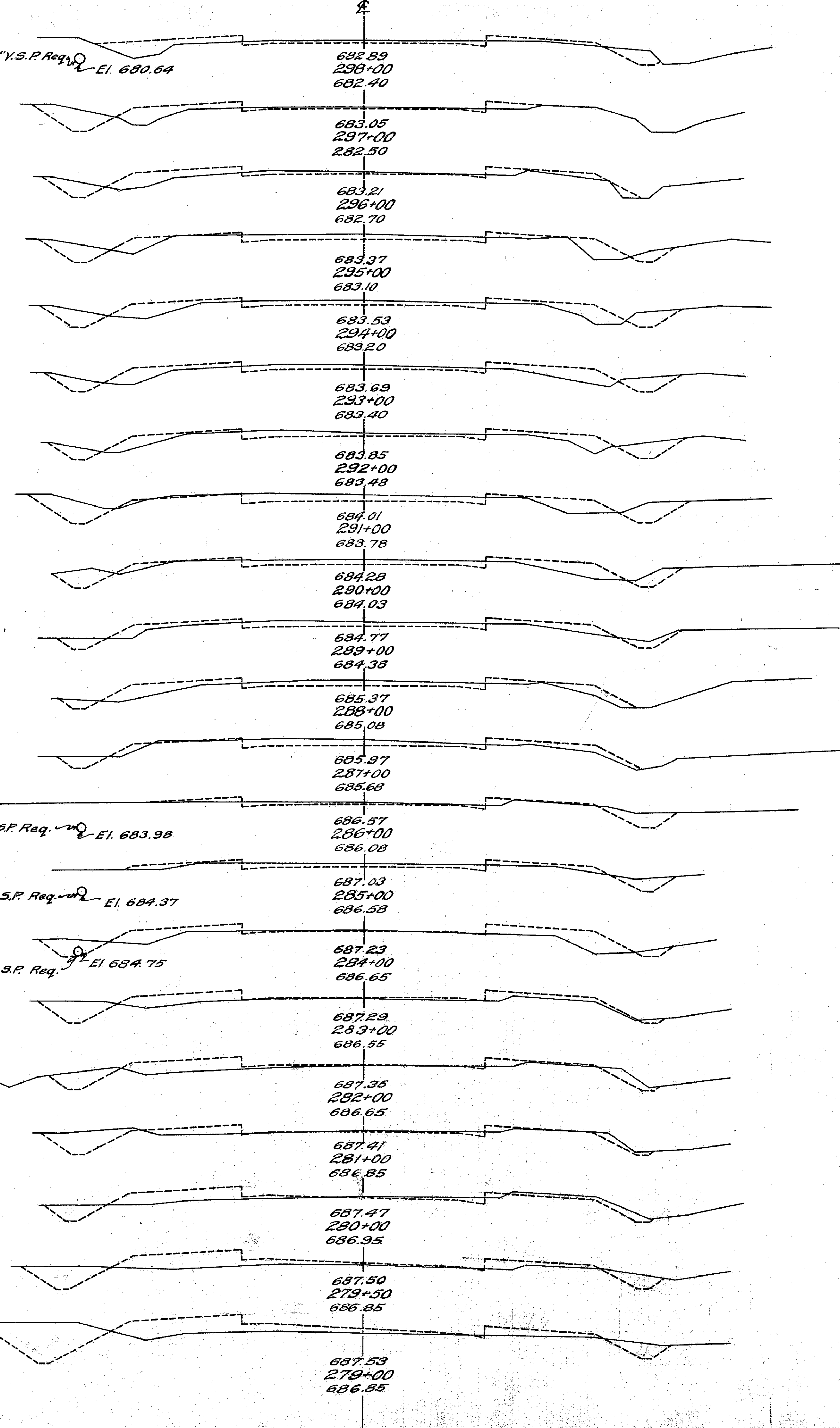
Sta. 298+00

8" V.S.P. Req. El. 680.64

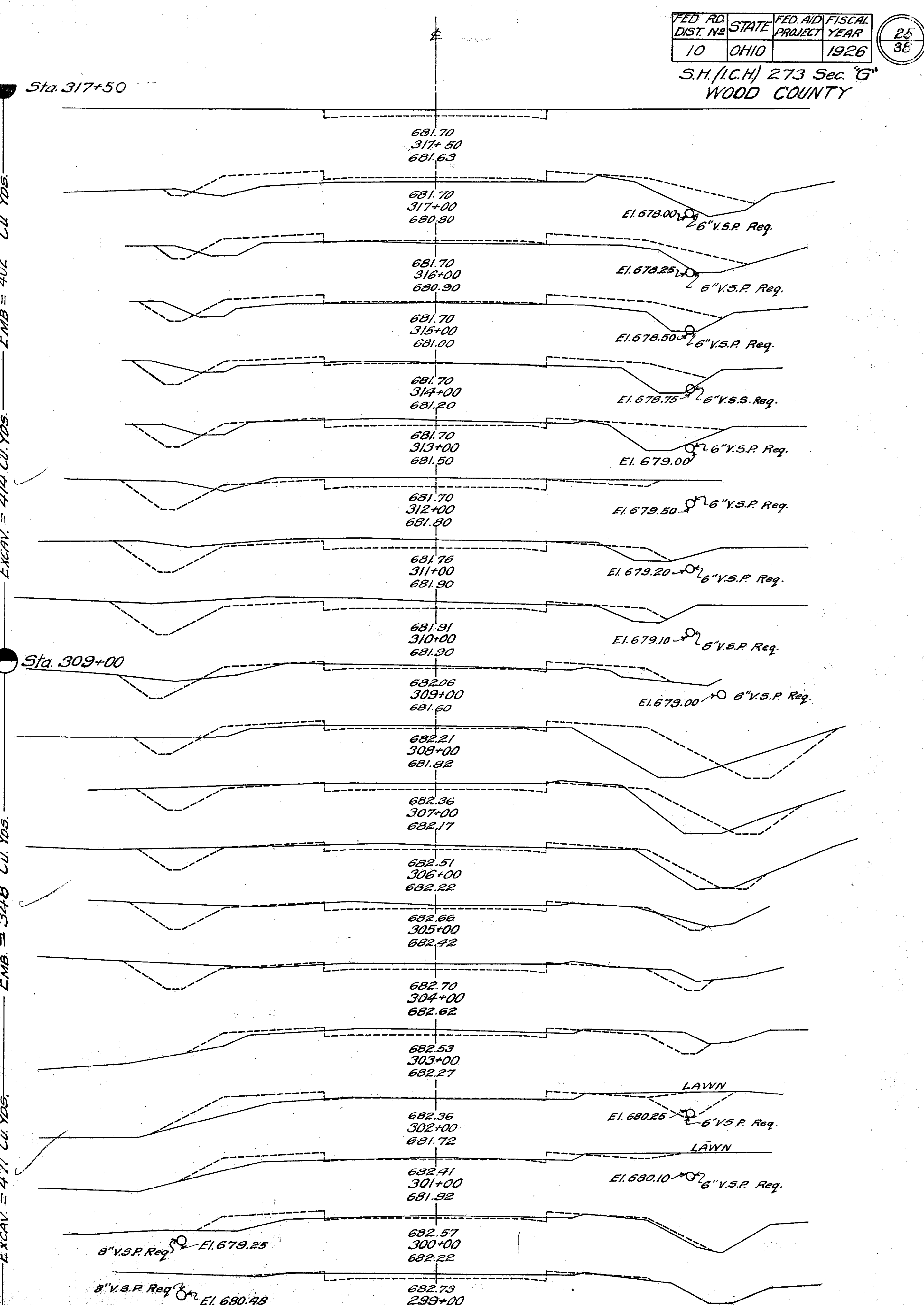
Excav. = 418 Cu. Yds.

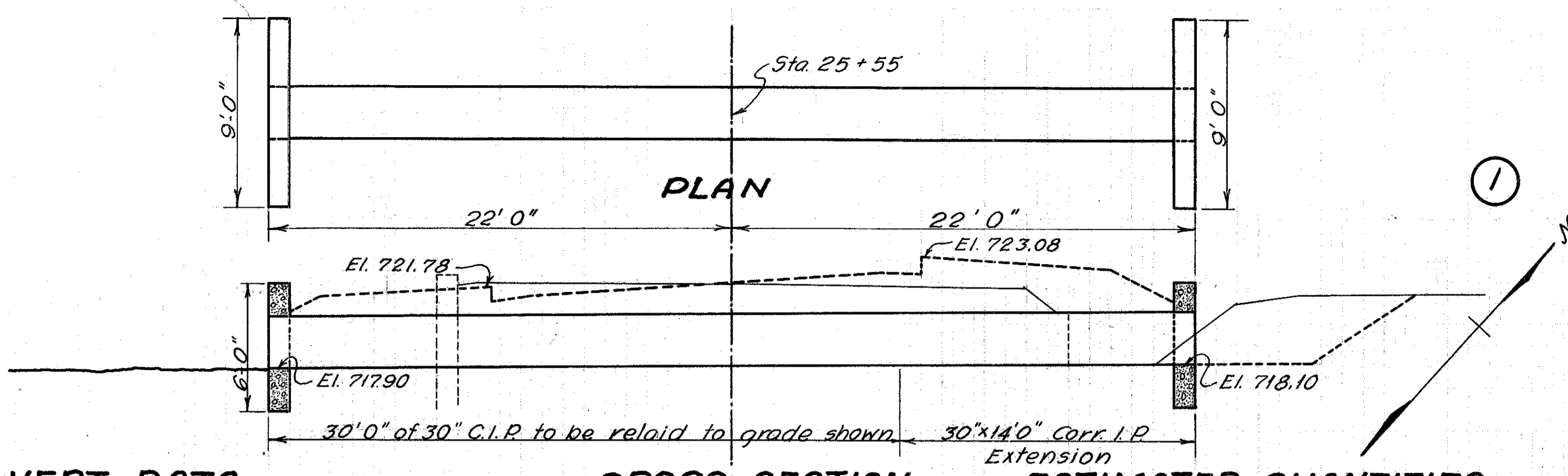
Excav. = 512 Cu. Yds.

Excav. = 467 Cu. Yds.



END AREA		CUBIC YARD	
C.	F.	C.	F.
7	0	7	29
1	31	6	98
2	22	9	78
3	20	17	68
6	17	33	57
12	14	70	28
26	1	94	8
25	3 ^{1/2}	104	14
31	4	74	22
9	8	54	63
20	29	80	74
23	11	67	33
13	7	56	15
17	1	73	5
22 ^{1/2}	1 ^{1/2}	47	12
13	5	41	31
9	2	7	37
2	8	7	33
2	10	15	20
6	1	24	19





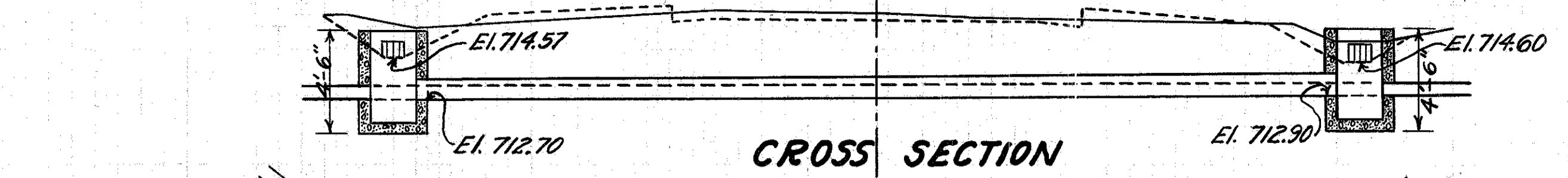
CULVERT DATA

TYPE: Corr. I Pipe Extension
 SIZE: 30" x 44'0" (Total length)
 WORK REQUIRED: Take up and relay present 30"x30' C.I. Pipe. Extend with 14'0" of 30" Cor. I.P. and build 2-Std. Headwalls with copings. Drawing No 300.
 Note: Relaying present pipe included in uncl. Excavation Item for payment.

CROSS SECTION

ESTIMATED QUANTITIES

Excavation, uncl.	27 Cu. Yds.
30" Corr. I. Pipe	14 Lin. Ft.
1: 5 1/2 Concrete	4.3 C. Yds.
Reinforcing Steel	75 Lbs.



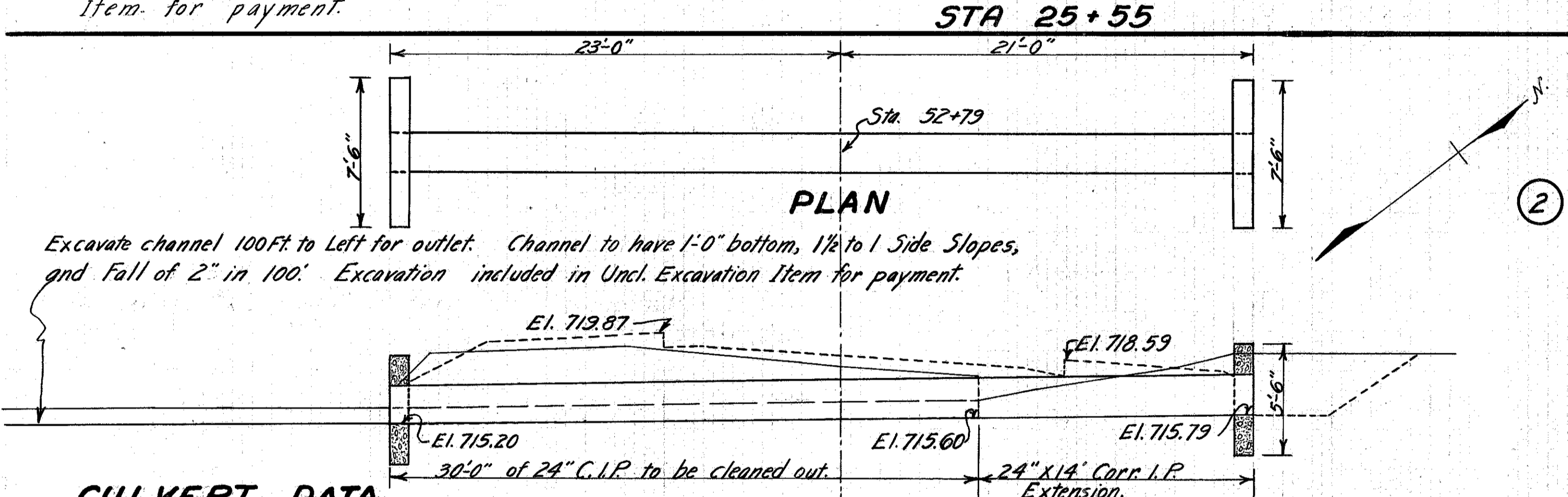
Connect present 8" Field Tile to new Catch Basin.

CULVERT DATA.

TYPE: Corr. I. P.
 SIZE: 12" X 52'
 WORK REQUIRED: - Remove 52ft of 8" Field Tile and build Std. Corr. I.P. Culvert except that Std. No. 2 Catch Basin is to be used instead of headwall on each end.
 Drawings No. 300 and 305.

ESTIMATED QUANTITIES.

Excavation (uncl.)	28 Cu. Yds.
12" Corr. I. P.	52 Lin. Ft.
Std. No. 2 Catch Basins	2



Excavate channel 100ft. to Left for outlet. Channel to have 1'-0" bottom, 1 1/2 to 1 Side Slopes, and Fall of 2" in 100'. Excavation included in Uncl. Excavation Item for payment.

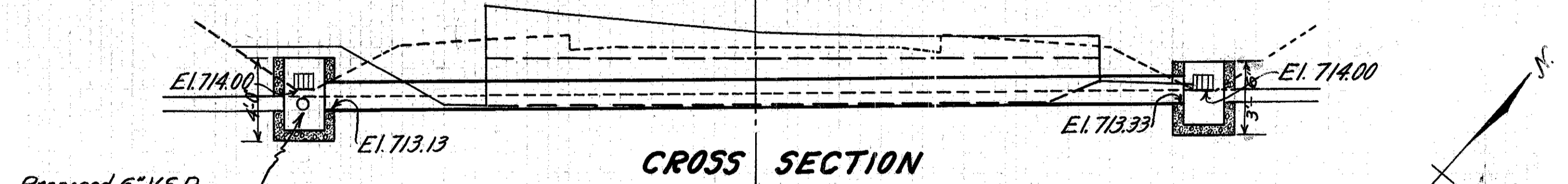
CULVERT DATA.

TYPE: Corr. I. P. Extension.
 SIZE: 24" X 44' (Total length)
 WORK REQUIRED: Clean out present 24" X 30' C.I. P. Extend with 14'-0" of 24" Corr. I. P. and build 2 std. Headwall with copings. Drawing No. 300.
 NOTE: Cleaning out present pipe included in unclassified Excavation Item for payment.

CROSS SECTION

ESTIMATED QUANTITIES.

24" Corr. I. Pipe	14 Lin. Ft.
1: 5 1/2 Concrete	3.4 Cu. Yds.
Reinforcing Steel	65 Lbs.
Excavation, (uncl.)	24 Cu. Yds.



Proposed 6" V.S.P. for Road Drainage

Connect present 6" Tile to new Catch Basin.

Connect present 6" Field Tile to new Catch Basin.

CULVERT DATA.

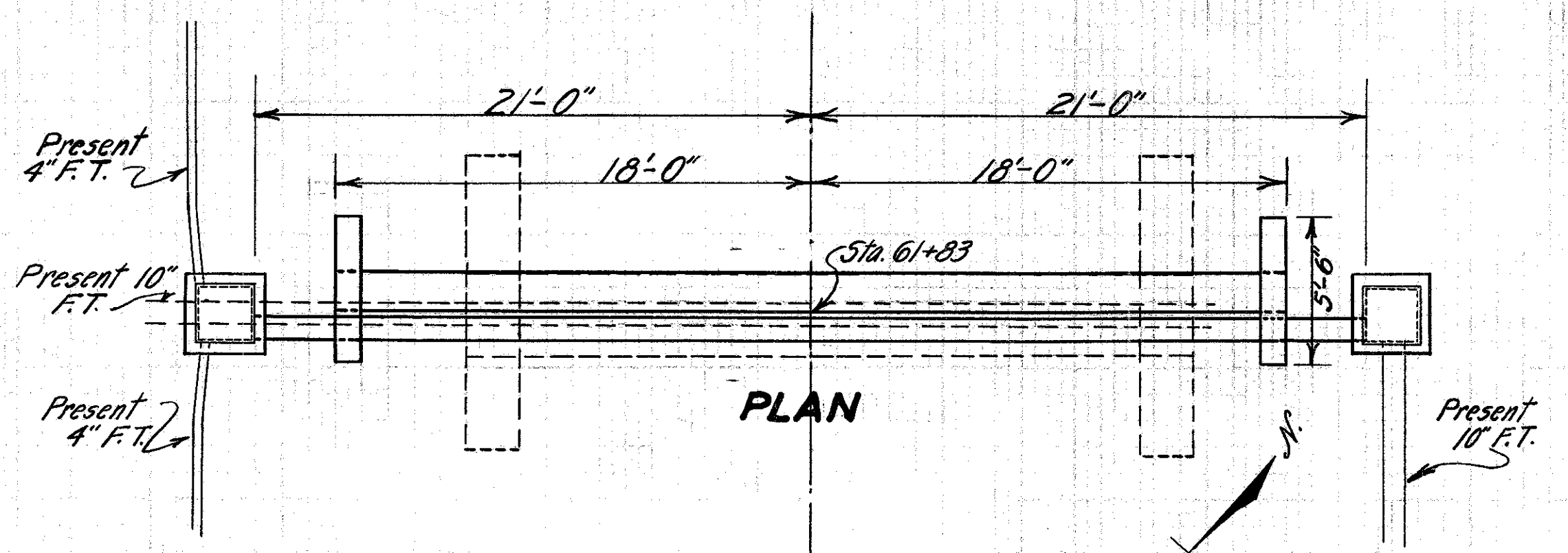
TYPE: Corr. I. P.
 SIZE: 15" X 42'
 WORK REQUIRED: Remove 29 Ft. of 8" Corr. I. P. and 17 Ft. of 6" Field Tile. Also remove present old Stone Arch culvert and build Std. Corr. I. P. culvert except that Std. No. 2 Catch Basin is to be used instead of headwall on each end. Drawings No. 300 and 305.

PRESENT STRUCTURE. Stone arch culvert 30' span, with 6" Field Tile running thru. it. 29 Ft. of 8" Corr. I. P. under arch.

ESTIMATED QUANTITIES.

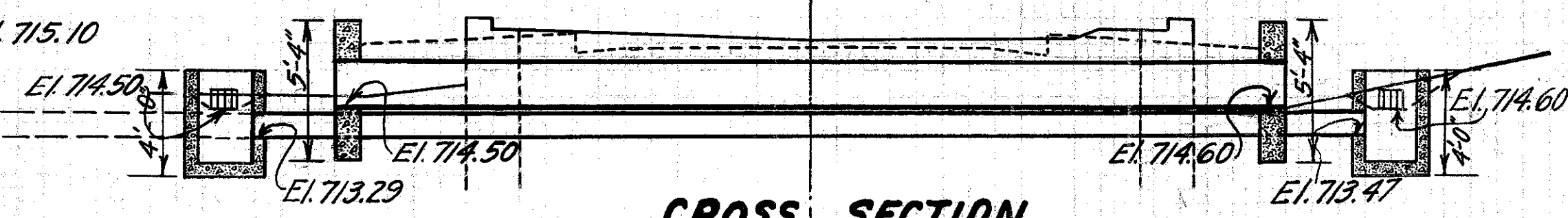
Excavation (uncl.)	22 Cu. Yds.
15" Corr. I. P.	42 Lin. Ft.
Std. No. 2 Catch Basins	2

STA. 76+37



3

Note - Catch Basin on right to have Gutter inlet on East and North sides at Elevation shown. South side inlet Elevation El. 715.10



CROSS SECTION

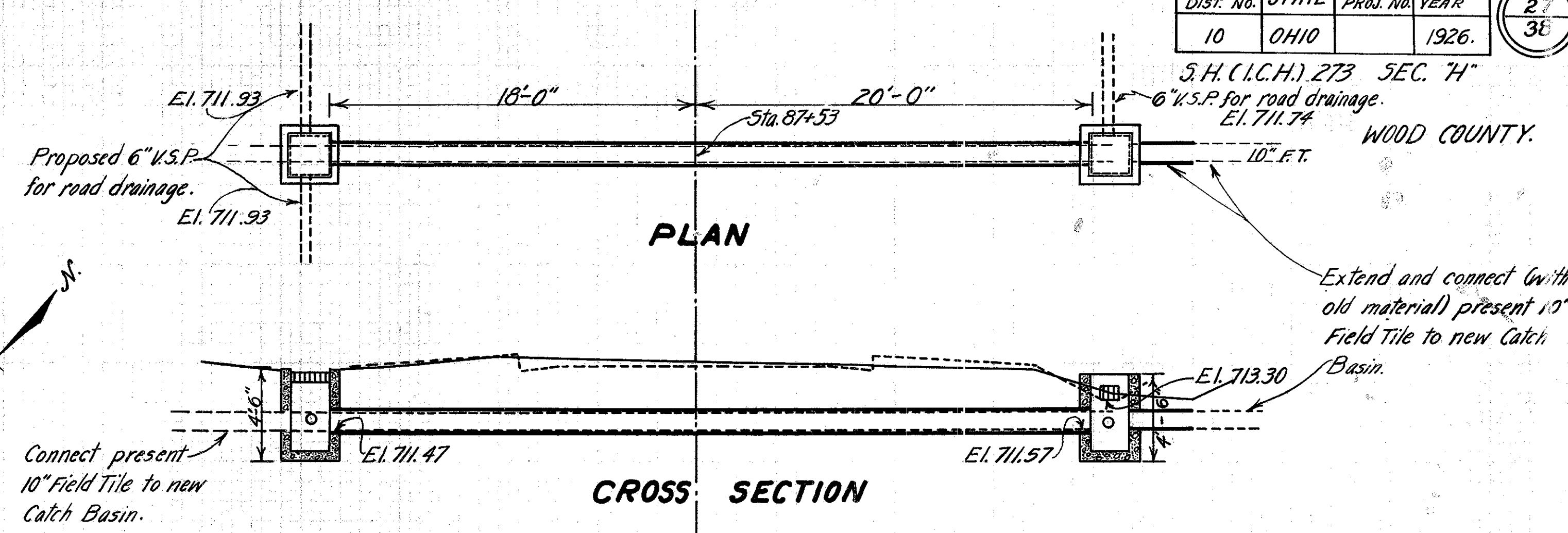
CULVERT DATA:

TYPE :- 2 Corr. I. Pipe culverts.
 SIZES :- 12" X 42' and 18" X 36'.
 WORK REQUIRED :- Remove present 3'x2'x27'-6" old stone arch culvert with 10" Field Tile running through it. Build new std. 12" X 42' Corr. I. P. except that std. No. 2 C.B.'s be used on both right and left. Build new std. 18" X 36' Corr. I. P. with headwalls and copings.
 Drawings No. 300 and 305.

ESTIMATED QUANTITIES.

Excavation (uncl.)	32 Cu. Yds.
18" Corr. I. P.	36 Lin. Ft.
12" Corr. I. P.	42 Lin. Ft.
Std. No. 2 C.B.	2
1: 5/2 Concrete	2.3 Cu. Yds.
Reinforcing Steel	50 lbs.

STA. 61+83.



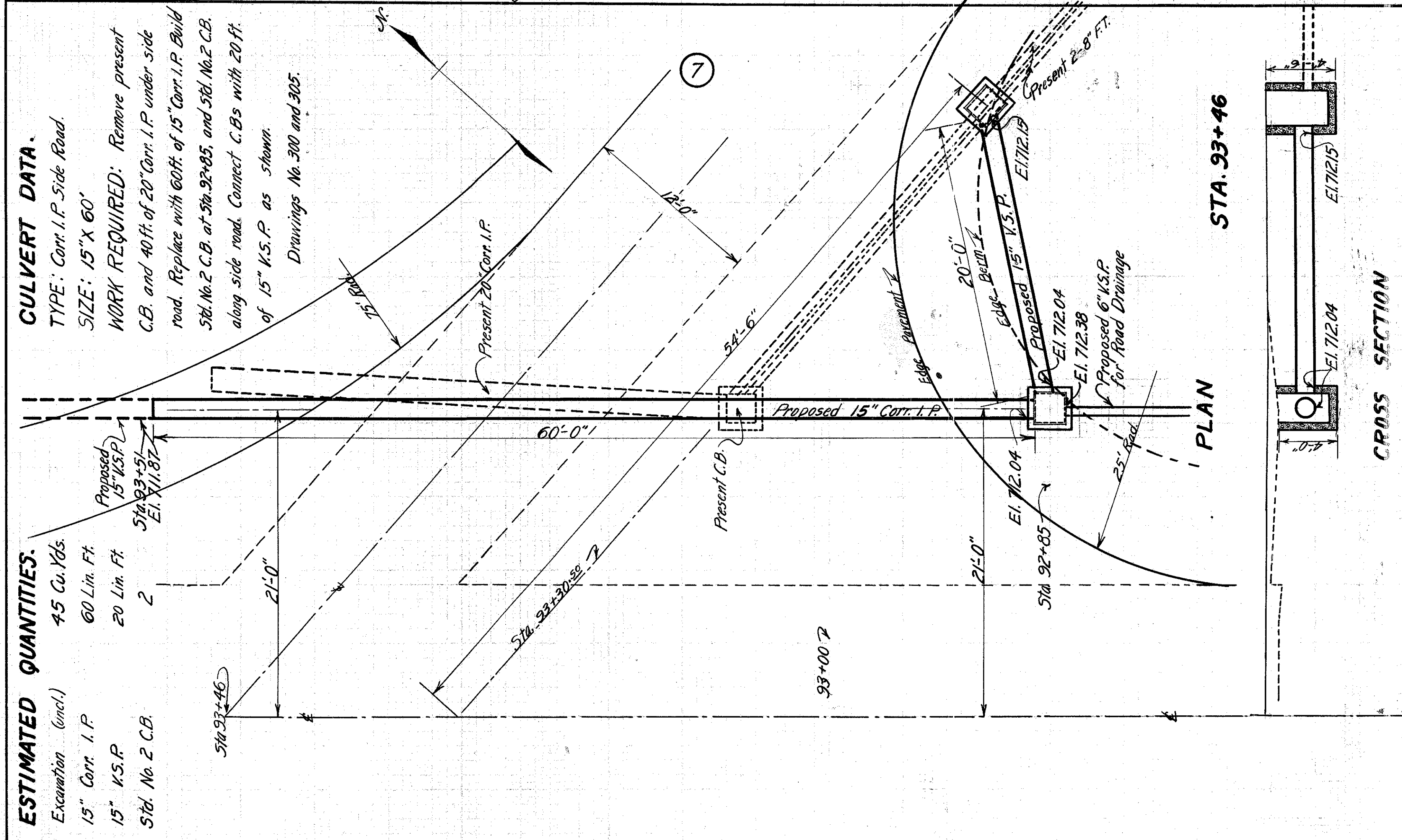
6

CULVERT DATA.

TYPE : Corr. I. P.
 SIZE : 12" X 36'
 WORK REQUIRED: Remove 42 Ft. of 10" Field Tile and build Std. Corr. I. P. culvert except that Std. No. 2 C.B. is to be used on right and Std. No. 1 is to be used on left.
 Drawings No. 300 and 305.

ESTIMATED QUANTITIES

Excavation (uncl.)	21 Cu. Yds.
12" Corr. I. P.	38 Lin. Ft.
Std. No. 1 C.B.	1
Std. No. 2 C.B.	1



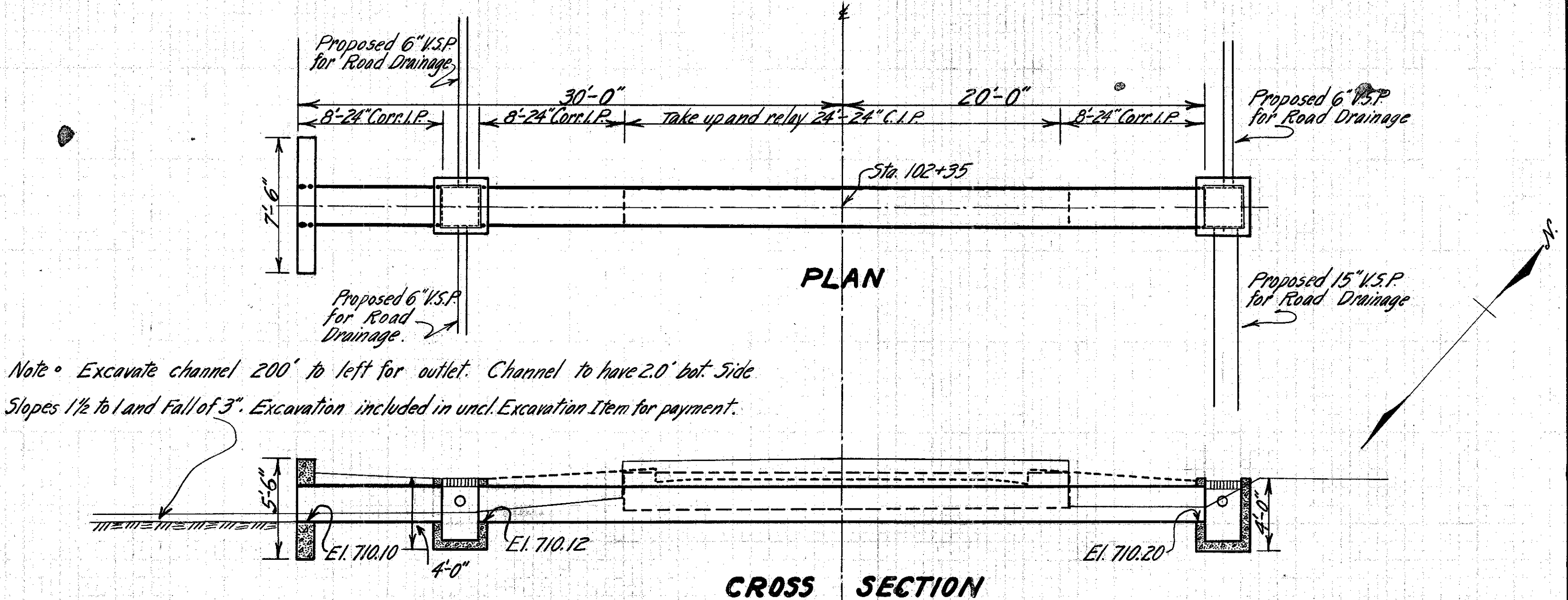
CULVERT DATA.

TYPE : Corr. I. P. Side Road.
 SIZE : 15" X 60'
 WORK REQUIRED: Remove present C.B. and 40 ft. of 20" Corr. I. P. under side road. Replace with 60 ft. of 15" Corr. I. P. Build Std. No. 2 C.B. at Sta. 92+85, and Std. No. 2 C.B. along side road. Connect C.B.s with 20 ft. of 15" V.S.P. as shown.
 Drawings No. 300 and 305.

ESTIMATED QUANTITIES.

Excavation (uncl.)	45 Cu. Yds.
15" Corr. I. P.	60 Lin. Ft.
15" V.S.P.	20 Lin. Ft.
Std. No. 2 C.B.	2

S.H. (I.C.H.) 273 SEC. "G" and W. MILLCROVE. WOOD COUNTY.



Note • Excavate channel 200' to left for outlet. Channel to have 2.0' bot Side Slopes 1 1/2 to 1 and Fall of 3". Excavation included in uncl. Excavation Item for payment.

CULVERT DATA:

TYPE: - Corr. I.P. Extension
 SIZE: - 24" x 50'
 WORK REQUIRED: - Take up, clean out, and relay 24 ft. 24" C.I.P. to grade shown, extend with 24 ft. of 24" Corr. I.P. with std. No. 1 Catch Basins and headwall.
 Drawings No. 300 and 305.

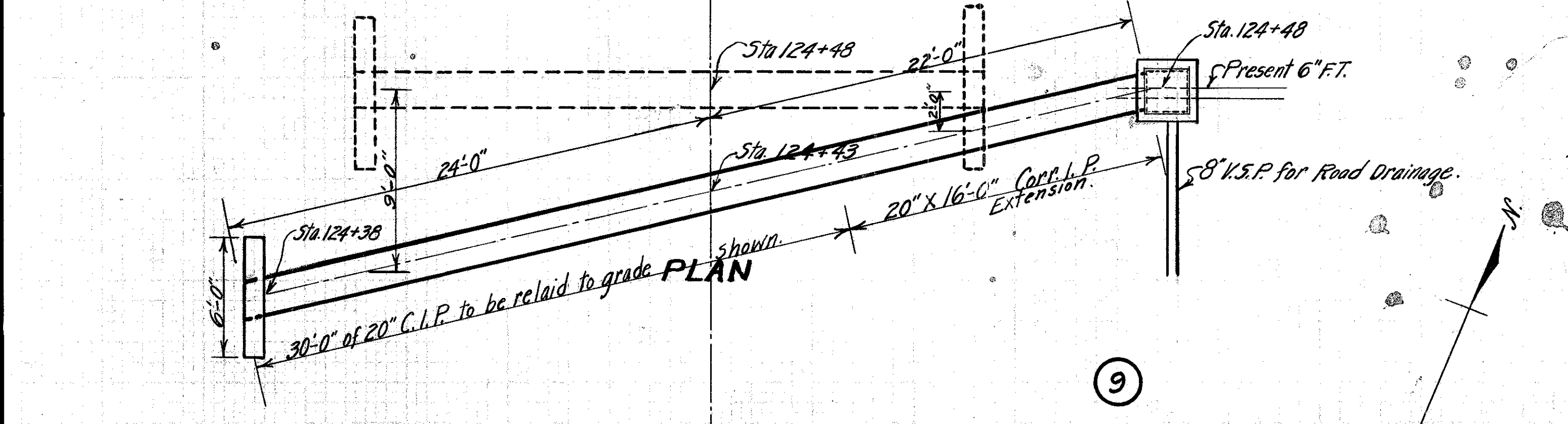
Note • Relaying pipe included in uncl. Excavation Item for payment.

ESTIMATED QUANTITIES.

Excavation (uncl.)	35 Cu. Yds.
24" Corr. I.P.	24 Lin. Ft.
Std. No. 1 C.B.	2
1: 5/2 Concrete	1.4 Cu. Yds.
Reinforcing Steel	33 lbs.

(8)

STA. 102+35



Excavate channel 50' to left for outlet. Channel to have 1.0' bottom. Side Slopes 1 1/2 to 1 and Fall of 2". Excavation included in uncl. Excavation Item for payment.

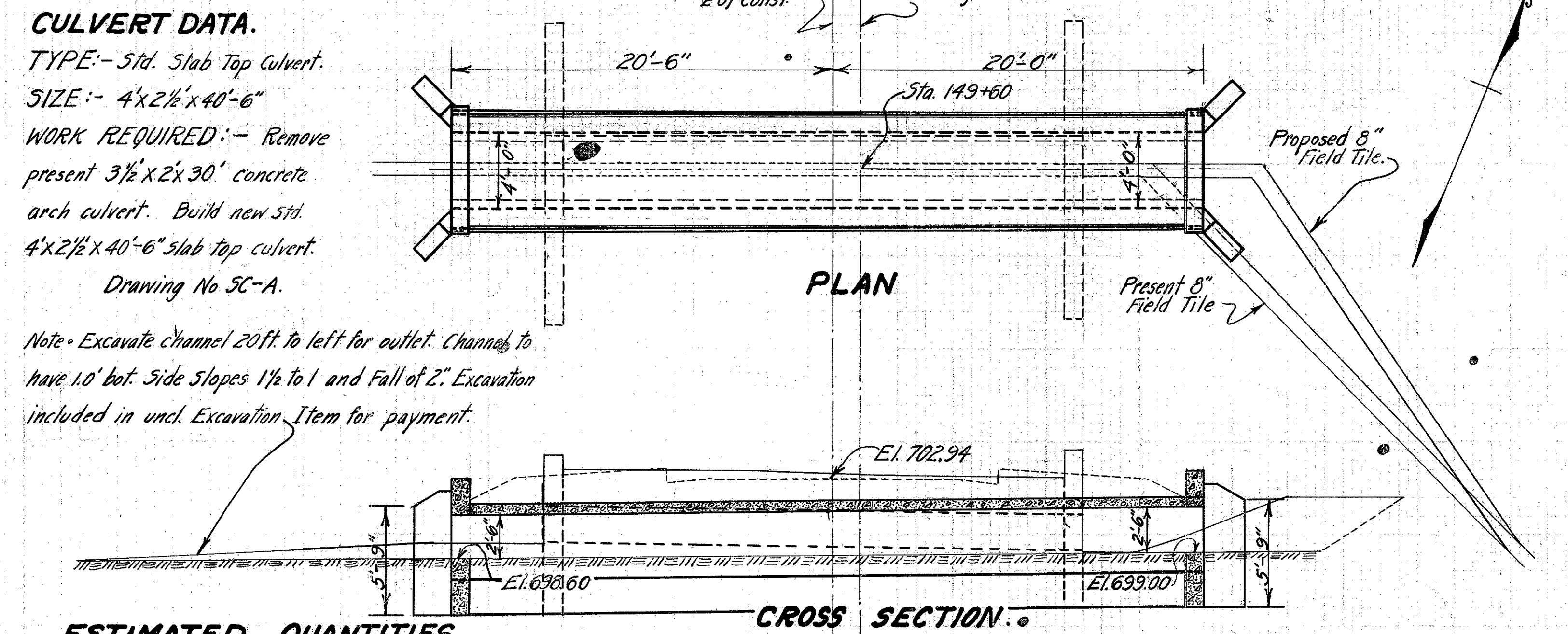
CULVERT DATA.

TYPE: - Corr. I.P. Extension.
 SIZE: - 20" x 46'
 WORK REQUIRED: - Remove 30 ft. of present 20" C.I.P. Culvert and headwalls, clean out and relay 20" C.I.P. and extend with 16 ft. of new 20" Corr. I.P. Build Std. No. 2 C.B. on right and Std. headwall on left.
 Note • Cleaning and relaying pipe included in uncl. Excavation Item for payment.
 Drawings No. 300 and 305.

ESTIMATED QUANTITIES

Excavation (uncl.)	55 Cu. Yds.
20" Corr. I.P.	16 Lin. Ft.
Std. No. 2 C.B.	1
Reinforcing steel	28 lbs.
1: 5/2 Concrete	1.1 Cu. Yds.

STA. 124+43



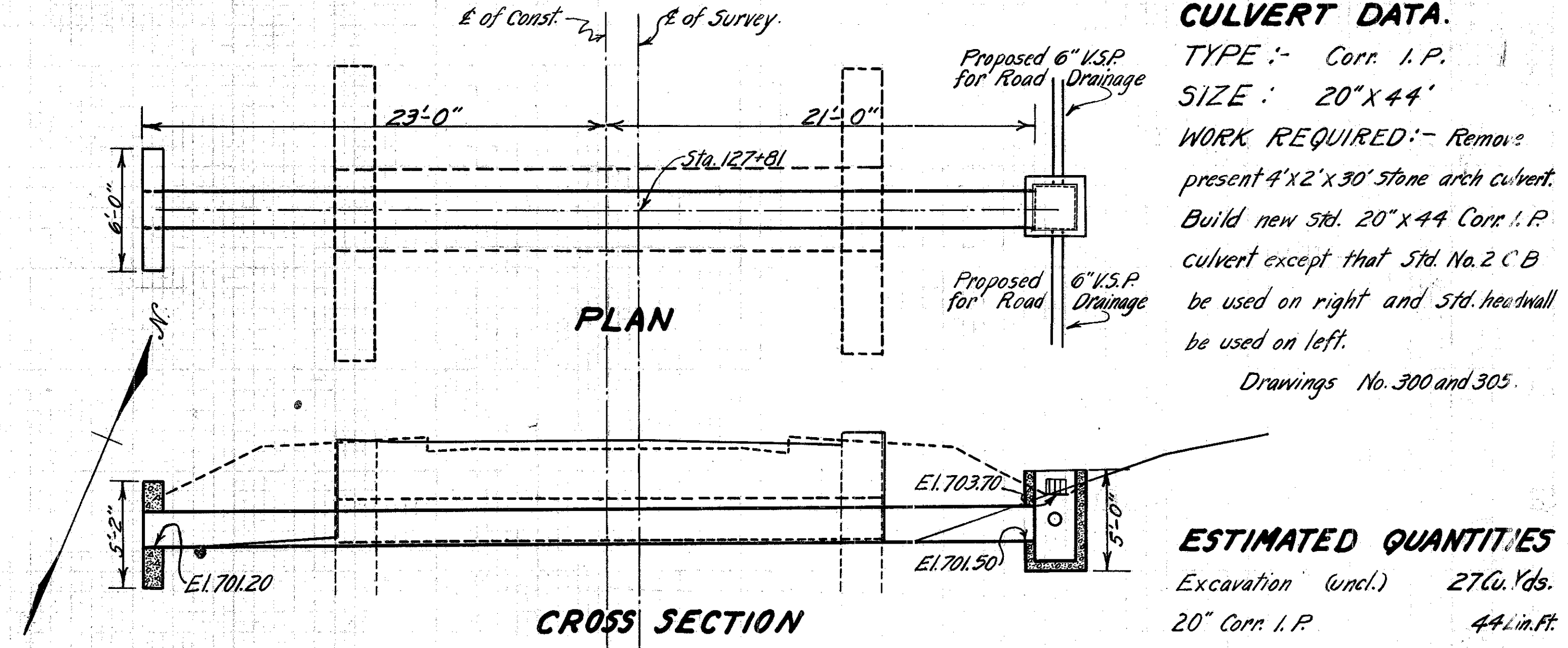
Note • Excavate channel 20 ft. to left for outlet. Channel to have 1.0' bot. Side Slopes 1 1/2 to 1 and Fall of 2". Excavation included in uncl. Excavation Item for payment.

ESTIMATED QUANTITIES.

Excavation (uncl.)	88 Cu. Yds.
1: 5/2 Concrete	19.3 Cu. Yds.
Reinforcing Steel	1401 lbs.
1: 6/2 Concrete	10.9 Cu. Yds.
8" Field Tile	40 Lin. Ft.

(11)

STA. 149+60.



CULVERT DATA.

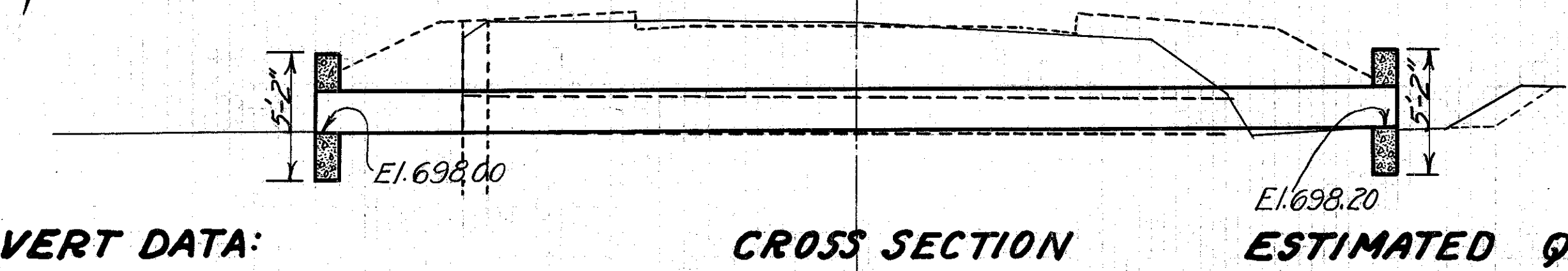
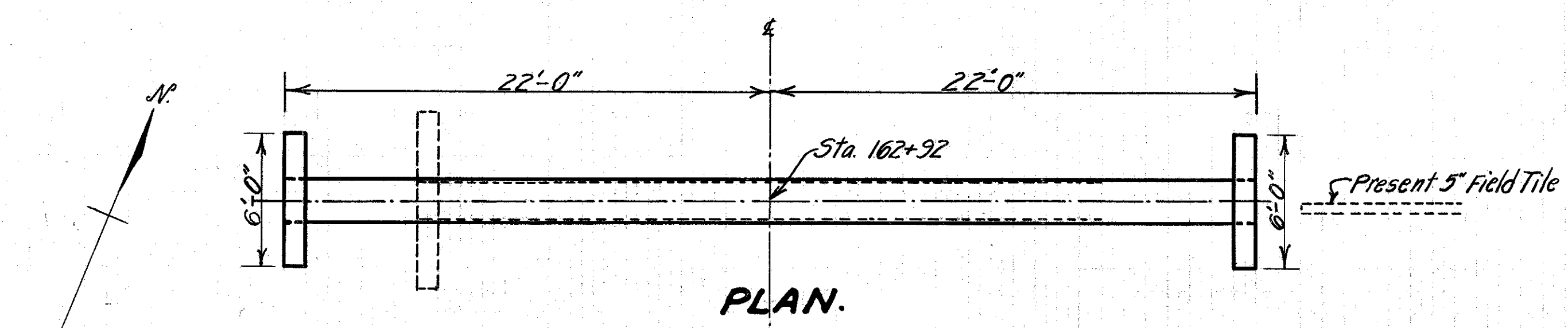
TYPE: - Corr. I.P.
 SIZE: - 20" x 44'
 WORK REQUIRED: - Remove present 4' x 2' x 30' stone arch culvert. Build new std. 20" x 44" Corr. I.P. culvert except that Std. No. 2 C.B. be used on right and Std. headwall be used on left.
 Drawings No. 300 and 305.

ESTIMATED QUANTITIES

Excavation (uncl.)	27 Cu. Yds.
20" Corr. I.P.	44 Lin. Ft.
Std. No. 2 C.B.	1
Reinforcing Steel	28 lbs.
1: 5/2 Concrete	1.1 Cu. Yds.

(10)

STA. 127+81

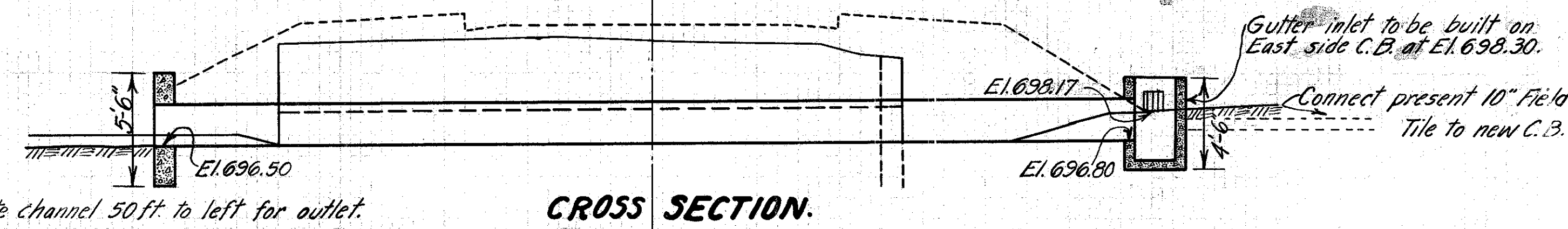
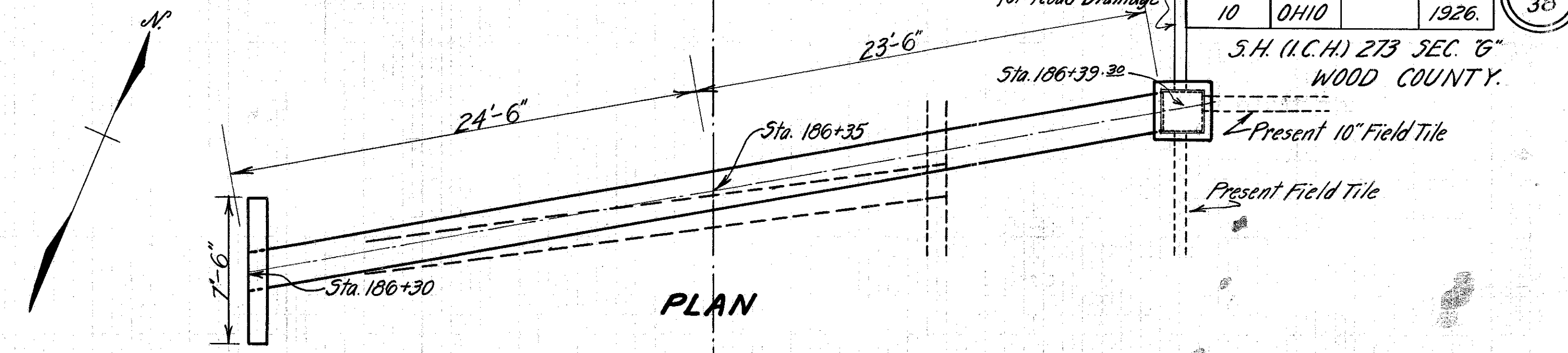


CULVERT DATA:
 TYPE:- Corr. I.P.
 SIZE: 20" X 44'
 WORK REQUIRED:- Remove present 18" X 31' old V.S.P. Culvert with stone headwall. Build new std. 20" X 44' Corr. I.P. Culvert with std. headwalls. Drawing No. 300

ESTIMATED QUANTITIES.

Excavation (uncl.)	23 Cu. Yds.
20" Corr. I.P.	44 Lin. Ft.
1: 5/2 Concrete	2.1 Cu. Yds.
Reinforcing Steel	55 lbs.

CROSS SECTION
 (12)
 STA. 162+92.



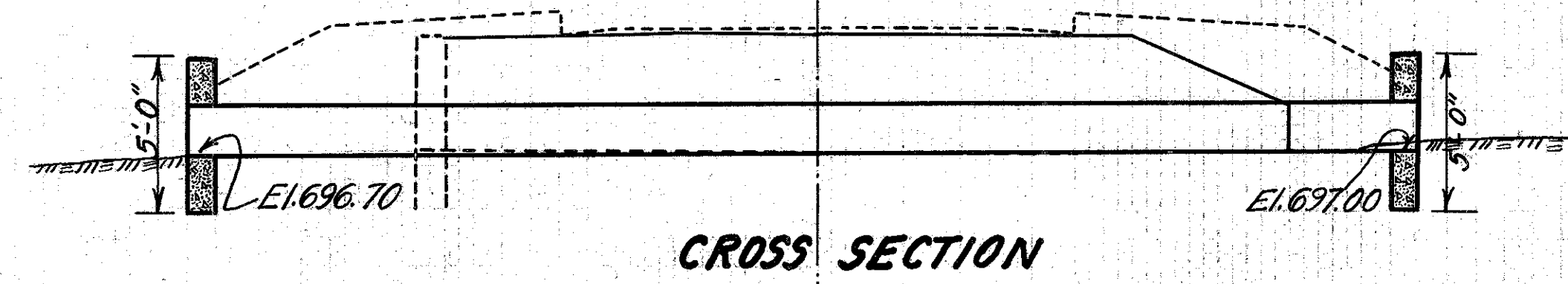
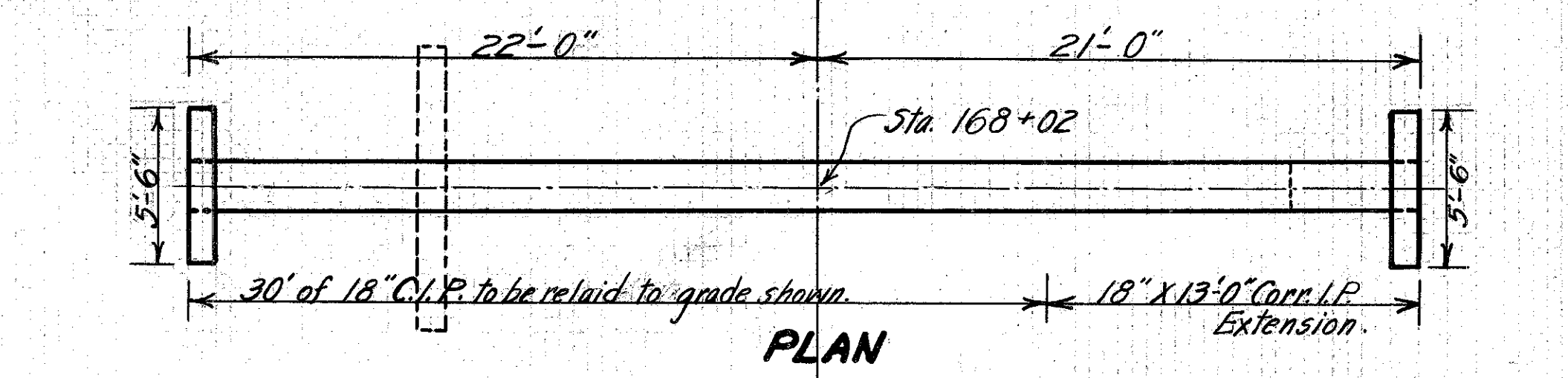
Note - Excavate channel 50ft. to left for outlet. Channel to have 1.0' bot. side slopes 1 1/2 to 1 and Fall of 2". Excavation included in uncl. Excavation Item for payment.

CULVERT DATA:
 TYPE: Corr. I.P.
 SIZE: 24" X 48'
 WORK REQUIRED:- Remove present 18" X 30' Corr. I.P. culvert with concrete headwall. Build new std. 24" X 48' Corr. I.P. except that std. No. 2. C.B. be used on right and std. headwall on left. Drawings No. 300 and 305.

ESTIMATED QUANTITIES.

Excavation (uncl.)	40 Cu. Yds.
24" Corr. I.P.	48 Lin. Ft.
Std. No. 2 C.B.	1
1: 5/2 Concrete	1.4 Cu. Yds.
Reinforcing Steel	33 lbs.

(15)
 STA. 186+35



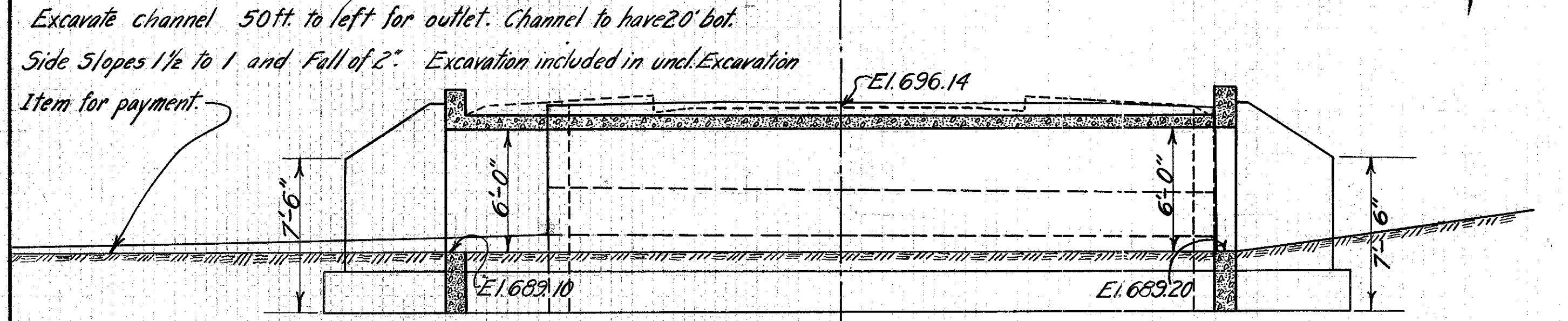
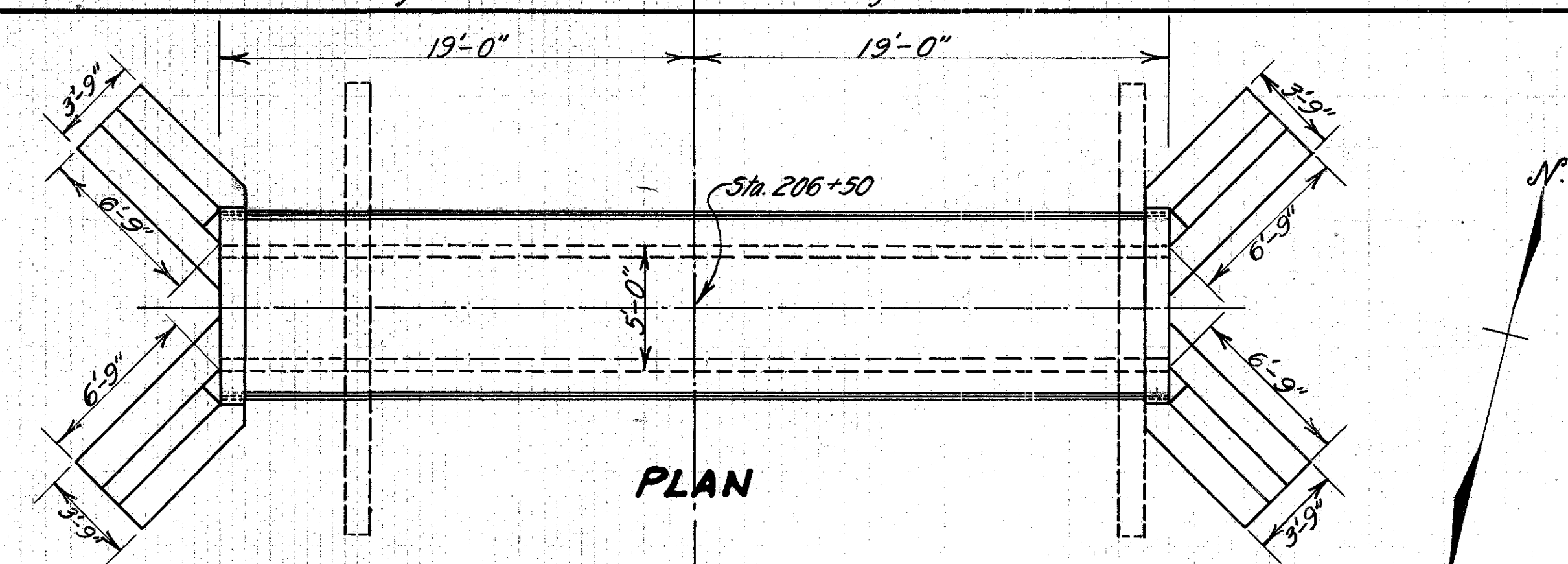
CULVERT DATA:
 TYPE:- Corr. I.P. Extension.
 SIZE: 18" X 43' (Total length).
 WORK REQUIRED:- Take up, clean out and relay present 18" X 30' C.I.Pipe. Extend with 13'-0" of 18" Corr. I.P. and build 2 std. headwalls. Drawing No. 300.

ESTIMATED QUANTITIES.

Excavation (uncl.)	23 Cu. Yds.
18" Corr. I.P.	13 Lin. Ft.
1: 5/2 Concrete	1.9 Cu. Yds.
Reinforcing Steel	50 lbs.

Note:- Cleaning and relaying pipe included in uncl. Excavation Item for payment.

CROSS SECTION
 (13)
 STA. 168+02



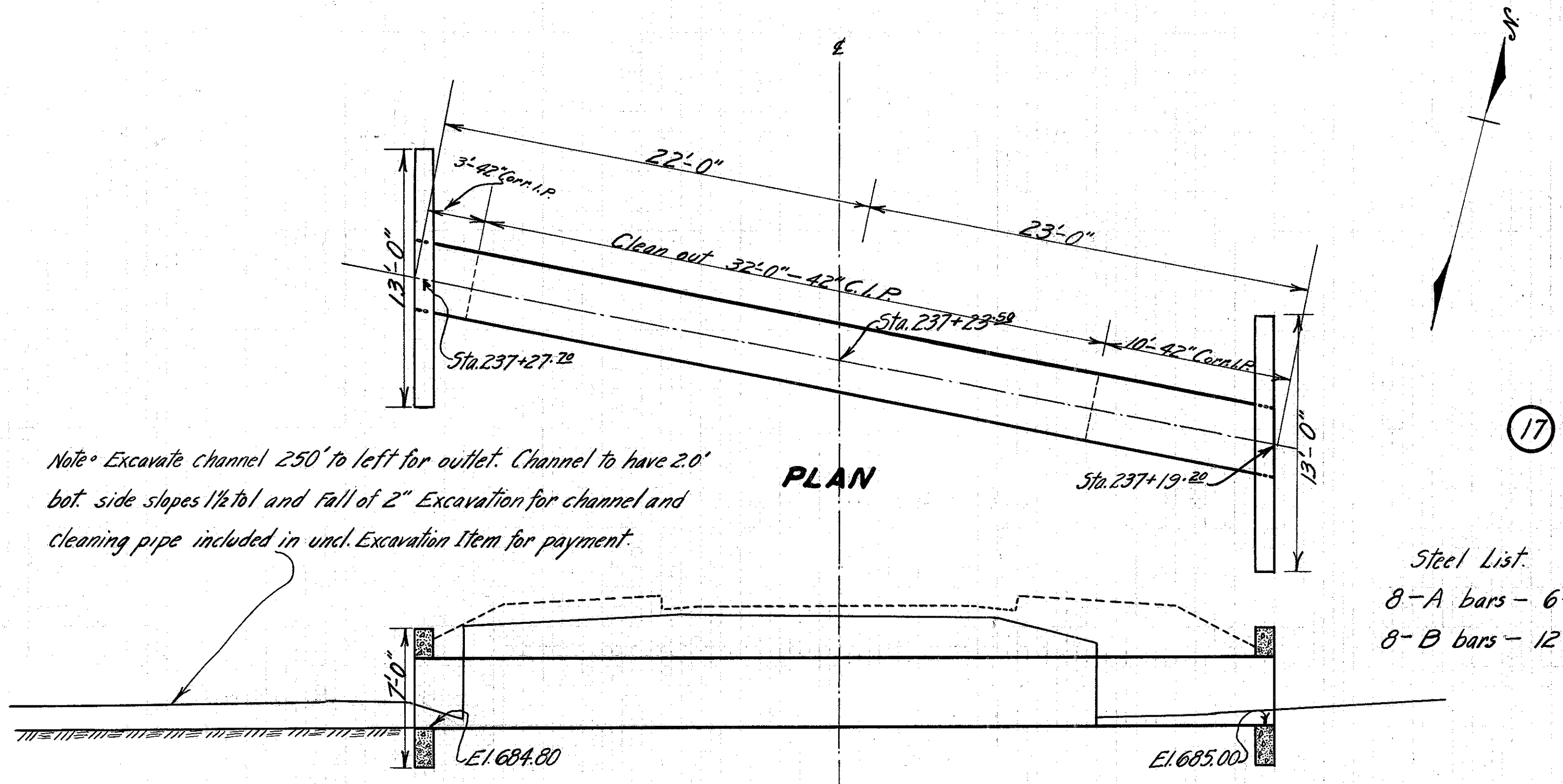
Excavate channel 50ft. to left for outlet. Channel to have 2.0' bot. Side Slopes 1 1/2 to 1 and Fall of 2". Excavation included in uncl. Excavation Item for payment.

CULVERT DATA:
 TYPE:- Std. slab top culvert.
 SIZE:- 5' X 6' X 38'
 WORK REQUIRED:- Remove present 4' X 2' X 32' stone arch culvert. Build new std. 5' X 6' X 38' slab top culvert. Drawing No. 5C-A.

ESTIMATED QUANTITIES.

Excavation (uncl.)	152 Cu. Yds.
1: 5/2 concrete	34.2 Cu. Yds.
1: 6/2 concrete	17.7 Cu. Yds.
Reinforcing Steel	2206 lbs.

CROSS SECTION
 (16)
 STA. 206+50



Note: Excavate channel 250' to left for outlet. Channel to have 2.0' bot. side slopes 1 1/2 to 1 and fall of 2" Excavation for channel and cleaning pipe included in uncl. Excavation item for payment.

Steel List.
8-A bars - 6'-6" long
8-B bars - 12'-6" long

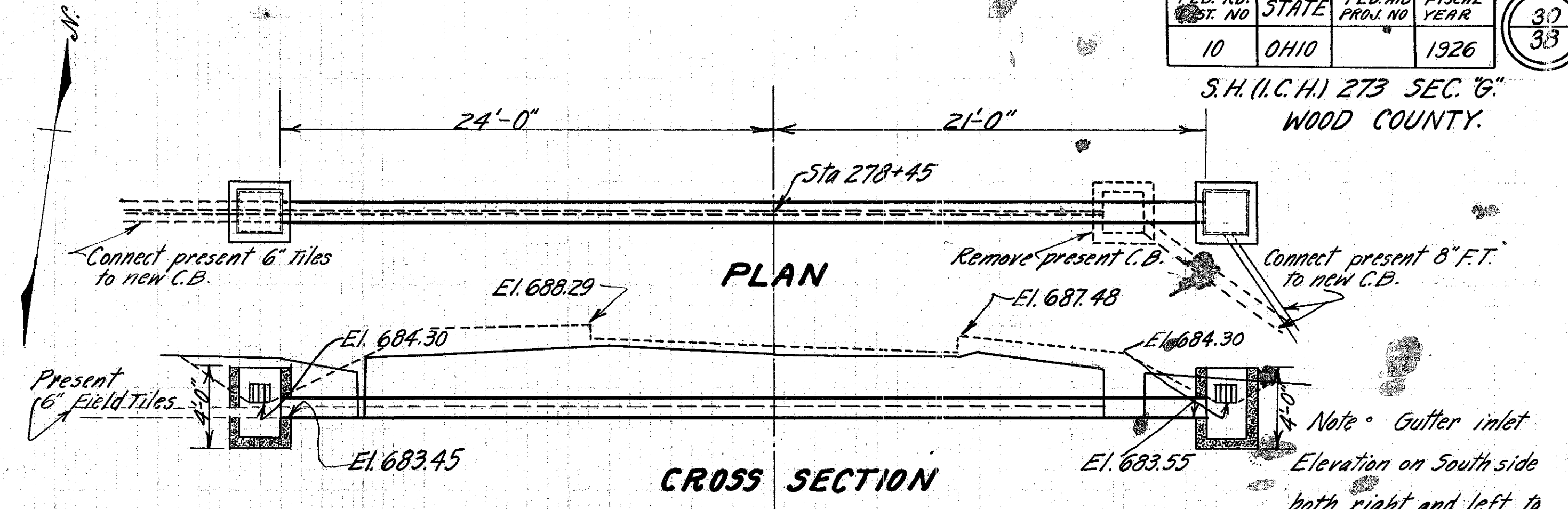
CULVERT DATA:

TYPE: Corr. I.P. Extension.
SIZE: 42" x 45'
WORK REQUIRED:- Clean out present 42" x 32" C.I.P. Extend with 13' x 42" Corr. I.P. with cemented joints and std. headwalls. Drawing No. 300.

ESTIMATED QUANTITIES

Excavation (uncl.)	16 Cu. Yds.
42" Corr. I.P.	13 Lin. Ft.
1:5 1/2 concrete	6.0 Cu. Yds.
Reinforcing Steel	102 lbs.
Channel Excavation	60 Cu. Yds.

STA. 237+23.50



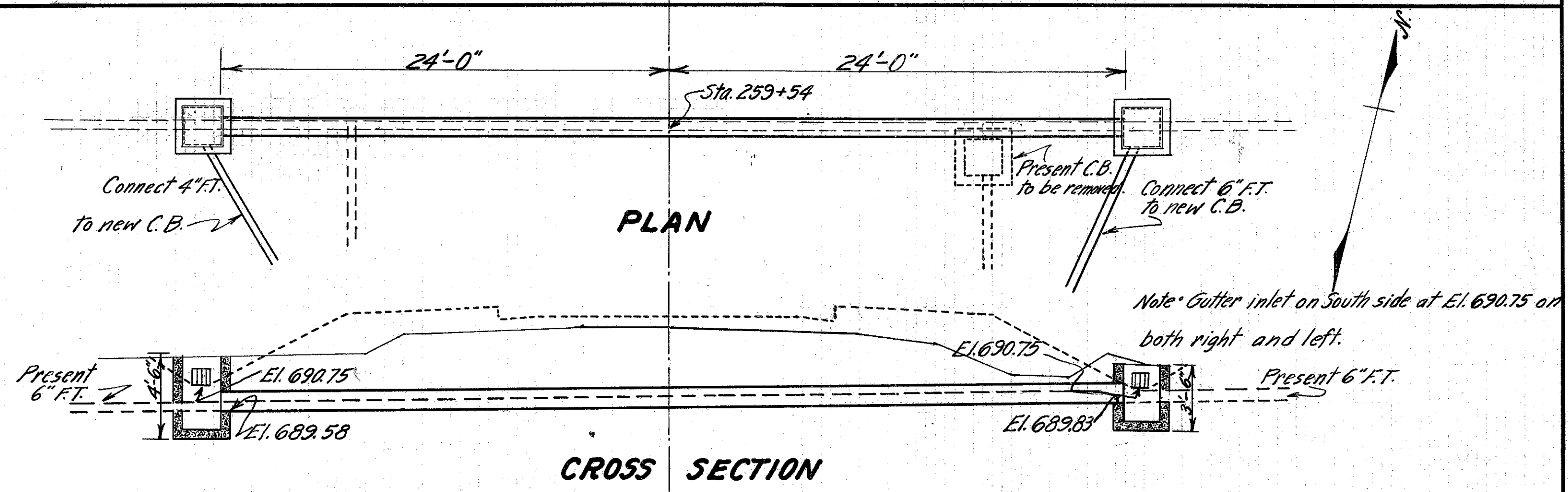
CULVERT DATA:

TYPE:- Corr. I.P.
SIZE:- 12" x 45'
WORK REQUIRED:- Remove 84' of 6" F.T. and old C.B. Build new std. 12" x 45" Corr. I.P. culvert with std. No. 2 C. Bs. Drawings No. 300 and 305.

ESTIMATED QUANTITIES:

Excavation (uncl.)	21 Cu. Yds.
12" Corr. I.P.	45 Lin. Ft.
Std. No. 2 C.B.	2
8" Field Tile	10 Lin. Ft.

STA. 278+45



CULVERT DATA:

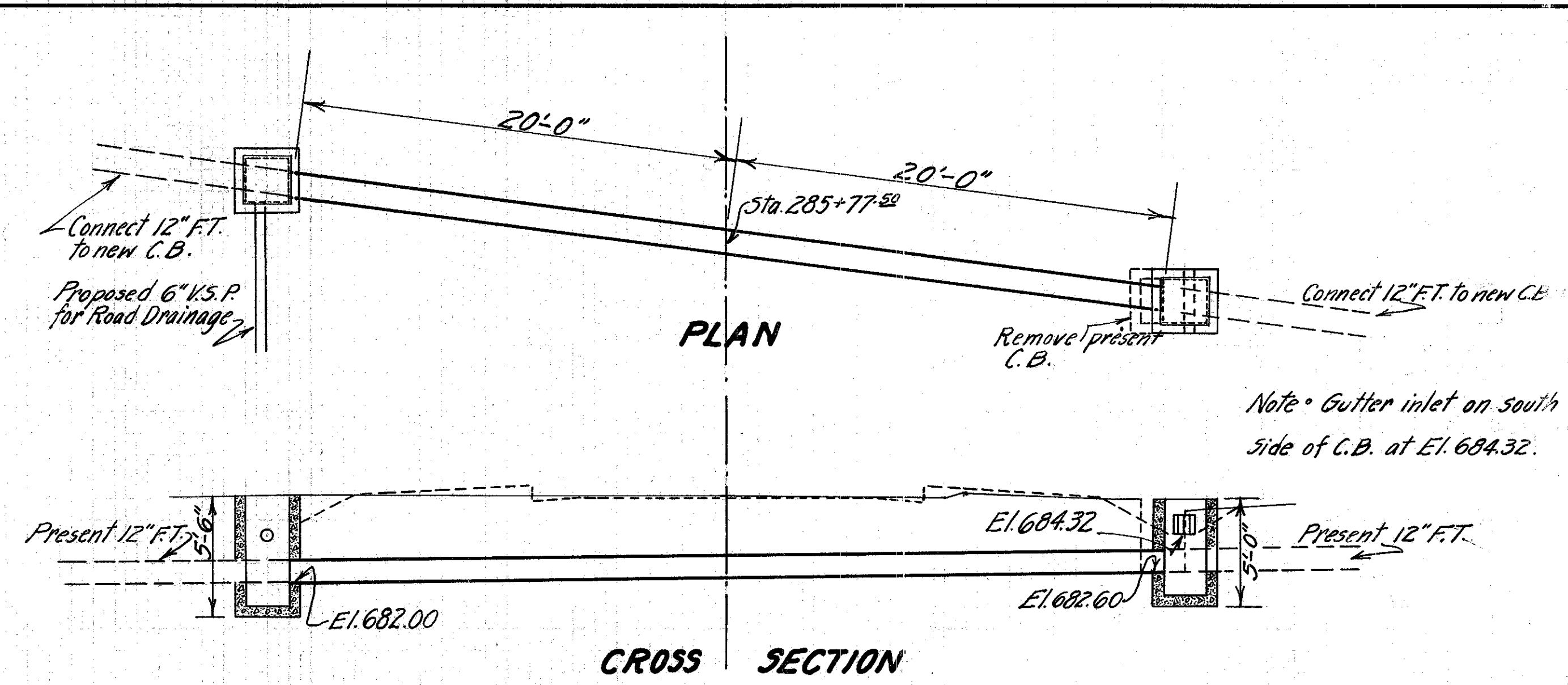
TYPE: Corr. I.P.
SIZE: 12" x 48'
WORK REQUIRED:- Remove 50' of 6" F.T. with old C.B. Build new std. 12" x 48" Corr. I.P. culvert with std. No. 2 C. Bs. Drawings No. 300 and 305.

ESTIMATED QUANTITIES:

Excavation (uncl.)	28 Cu. Yds.
12" Corr. I.P.	48 Lin. Ft.
Std. No. 2 C.B.	2
6" Field Tile	20 Lin. Ft.
4" Field Tile	20 Lin. Ft.

19

STA. 259+54.



CULVERT DATA:

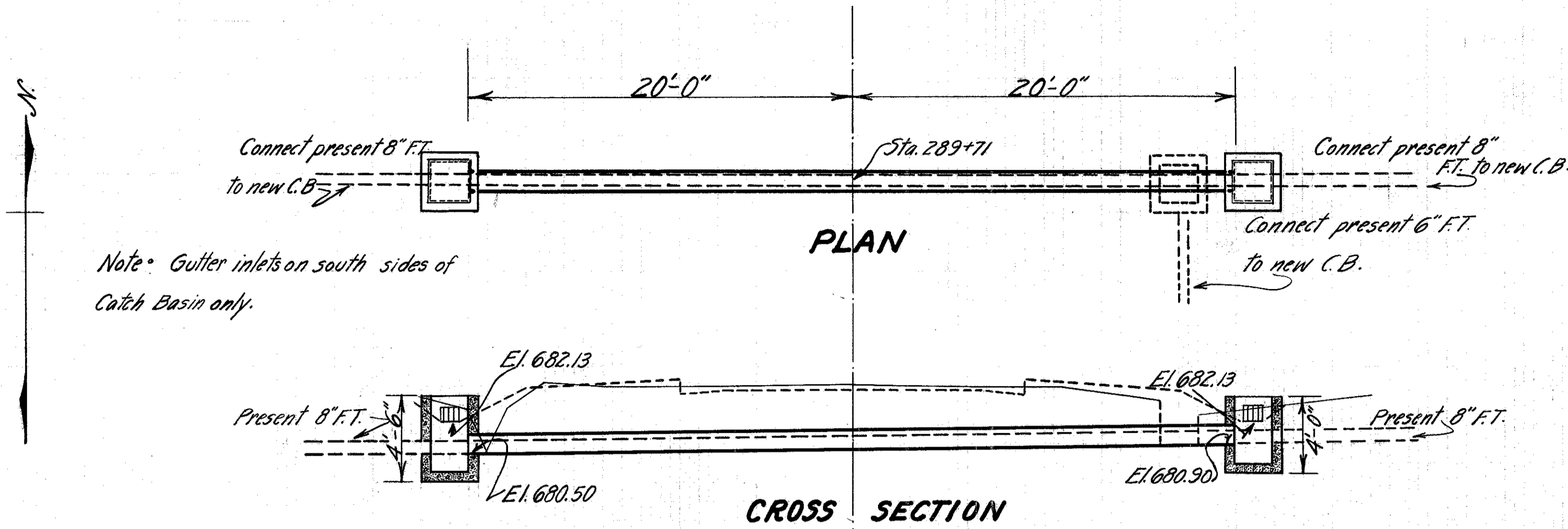
TYPE:- Corr. I.P.
SIZE:- 12" x 40'
WORK REQUIRED:- Remove present 40' of 12" F.T. and old C.B. Build new std. 12" x 40" Corr. I.P. culvert with std. No. 2 C. Bs. Drawings No. 300 and 305.

ESTIMATED QUANTITIES:

Excavation (uncl.)	26 Cu. Yds.
12" Corr. I.P.	40 Lin. Ft.
Std. No. 2 C.B.	2

21

STA. 285+77.50



Note: Gutter inlets on south sides of Catch Basin only.

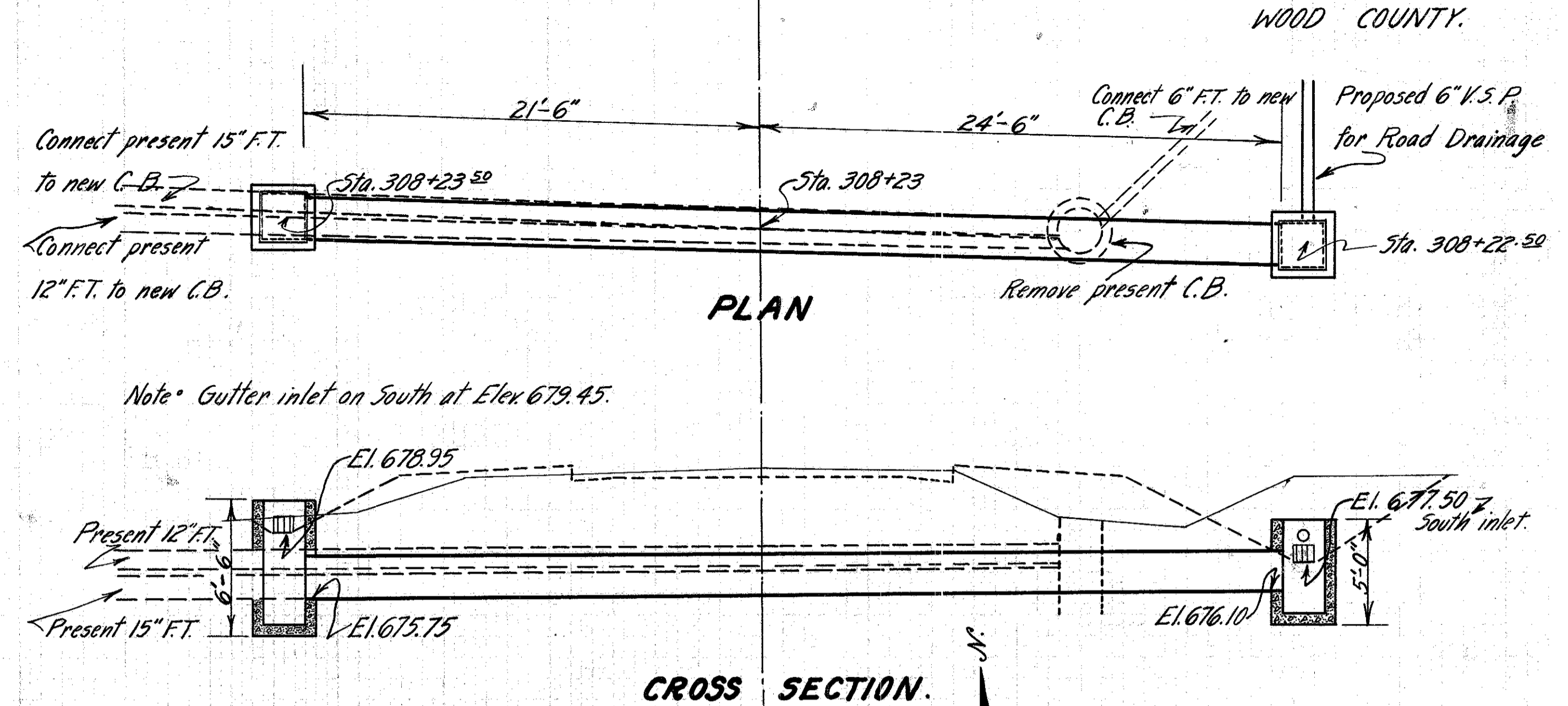
CULVERT DATA:

TYPE: - Corr. I.P.
 SIZE: - 12" X 40'
 WORK REQUIRED: - Remove present 40' of 8" F.T. and old C.B. Build new std. 12" X 40' Corr. I.P. culvert with std. No. 2 C.Bs. Drawings No. 305 and 300.

ESTIMATED QUANTITIES.

Excavation (incl.)	22 Cu. Yds.
12" Corr. I.P.	40 Lin. Ft.
Std. No. 2 C.B.	2
6" Field Tile	10 Lin. Ft.

STA. 289+71.



Note: Gutter inlet on South at Elev. 679.45.

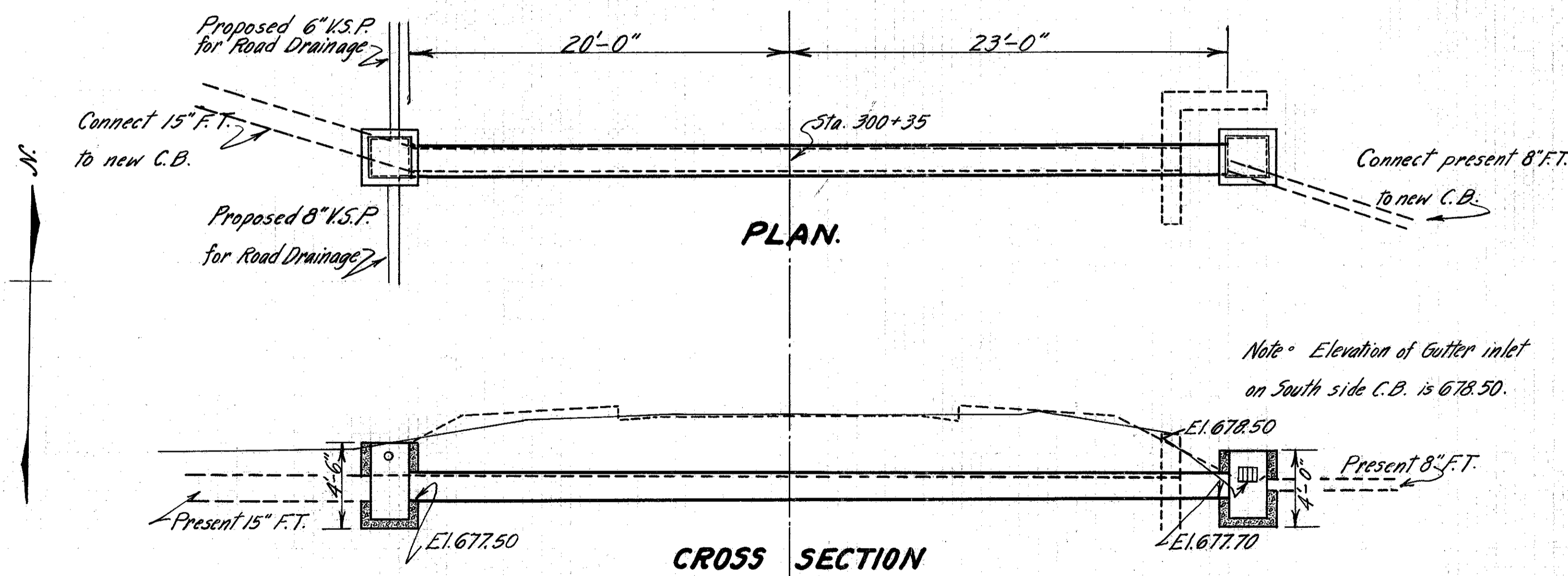
CULVERT DATA:

TYPE: - Corr. I.P.
 SIZE: - 24" X 46'
 WORK REQUIRED: - Remove 46' of 15" F.T., 46' of 12" V.S.P. and old C.B. Build new std. 24" X 46' Corr. I.P. culvert with std. No. 2 C.Bs. Drawings No. 305 and 300.

ESTIMATED QUANTITIES.

Excavation (incl.)	55 Cu. Yds.
24" Corr. I.P.	46 Lin. Ft.
6" Field Tile	30 Lin. Ft.
Std. No. 2 C.B.	2

STA. 308+23.



Note: Elevation of Gutter inlet on South side C.B. is 678.50.

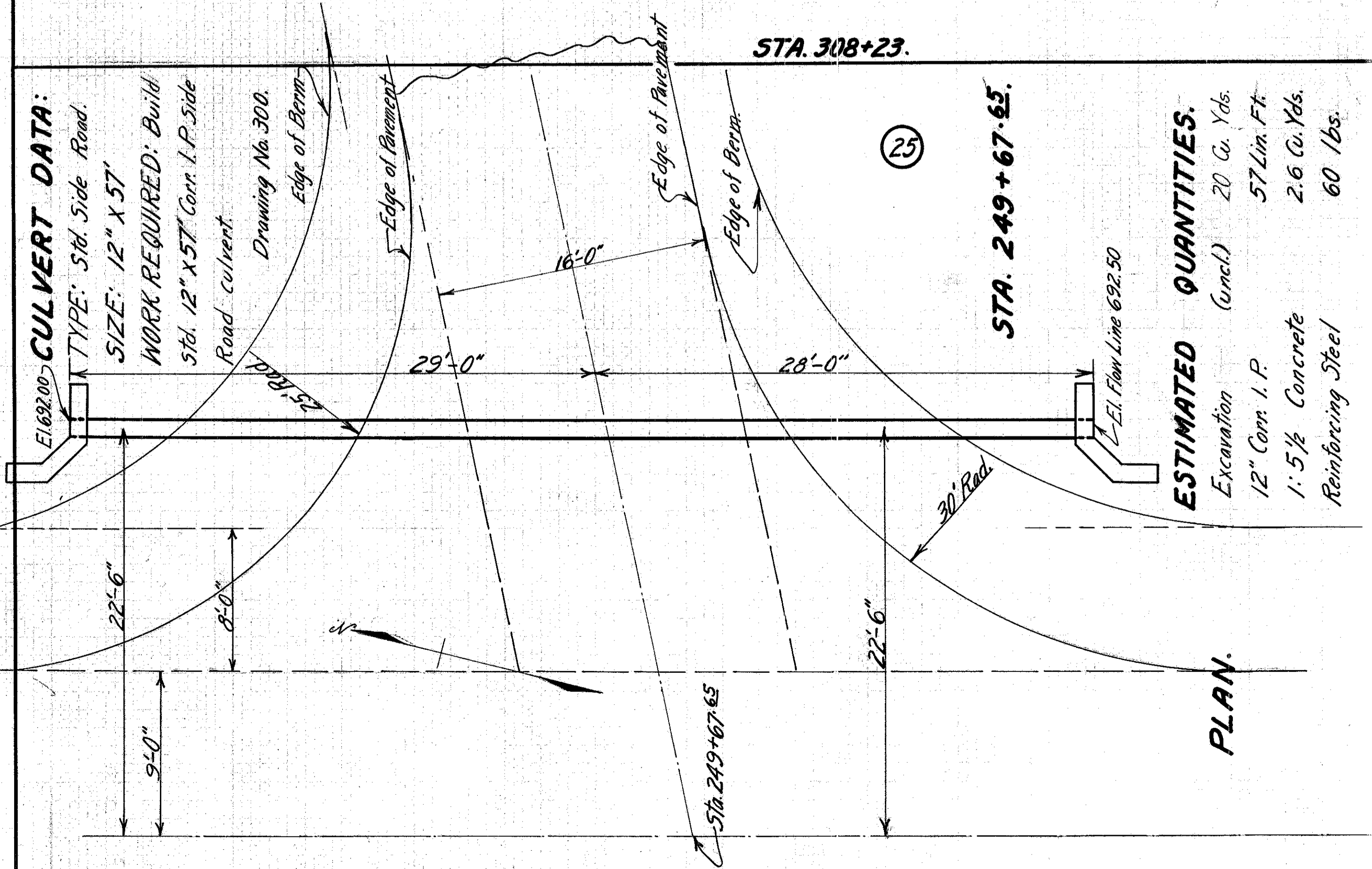
CULVERT DATA:

TYPE: - Corr. I.P.
 SIZE: - 18" X 43'
 WORK REQUIRED: - Remove present 40' of 15" F.T. and headwall. Build new std. 18" X 43' Corr. I.P. culvert with Std. No. 2 C.Bs. Drawings No. 305 and 300.

ESTIMATED QUANTITIES.

Excavation (incl.)	29 Cu. Yds.
18" Corr. I.P.	43 Lin. Ft.
Std. No. 2 C.B.	2

STA. 300+35.



CULVERT DATA:

TYPE: - Std. Side Road.
 SIZE: - 12" X 57'
 WORK REQUIRED: - Build std. 12" X 57" Corr. I.P. Side Road culvert. Drawing No. 300. Edge of Berms.

ESTIMATED QUANTITIES.

Excavation (incl.)	20 Cu. Yds.
12" Corr. I.P.	57 Lin. Ft.
1- 5/8" Concrete Reinforcing Steel	2.6 Cu. Yds.
	60 lbs.

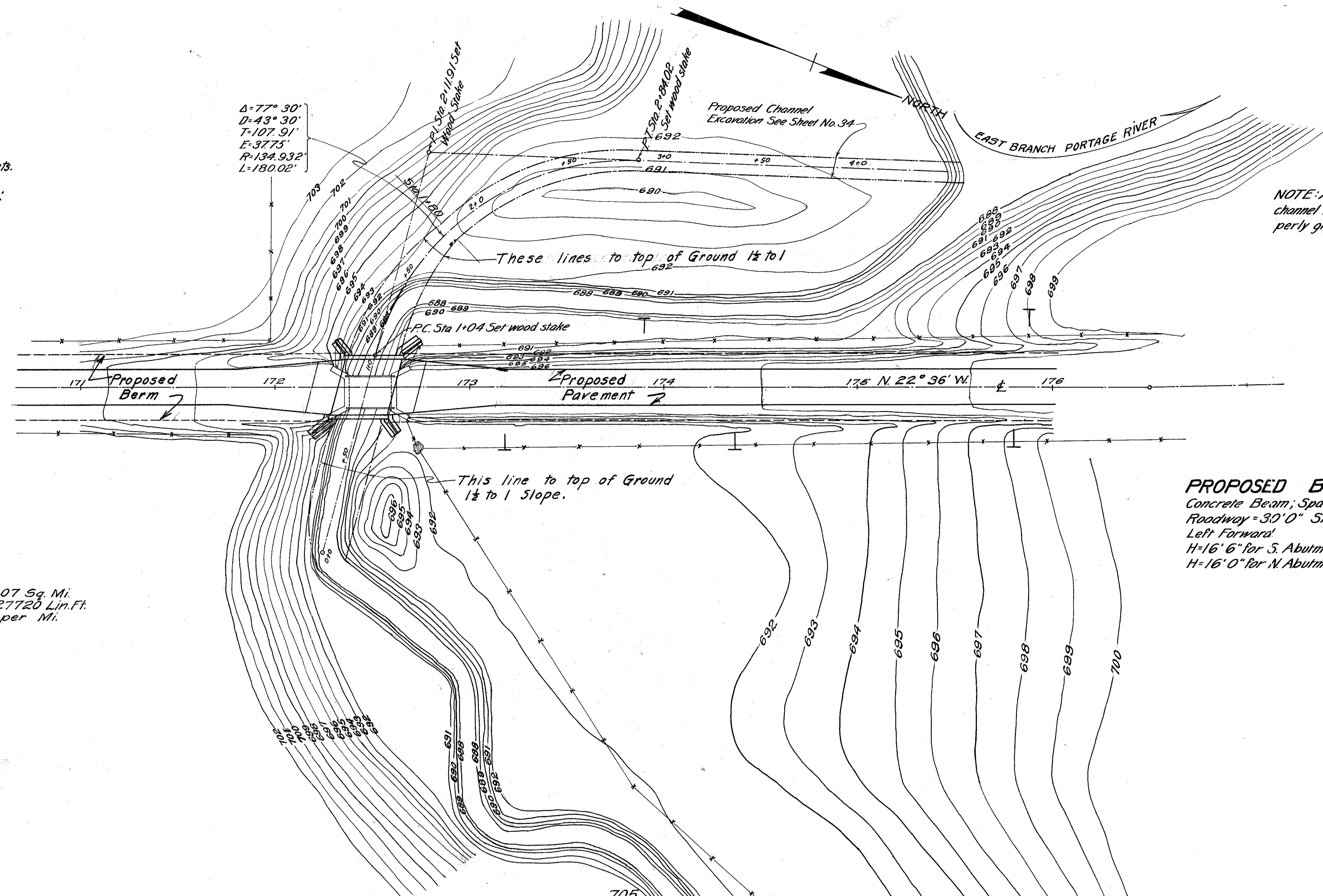
STA. 249+67.65.

PRESENT BRIDGE.
Plank Bridge Top. Stone Abutments.
Abutments in poor condition.
Clear Span 21.5' Roadway 16.0'.
No Skew.

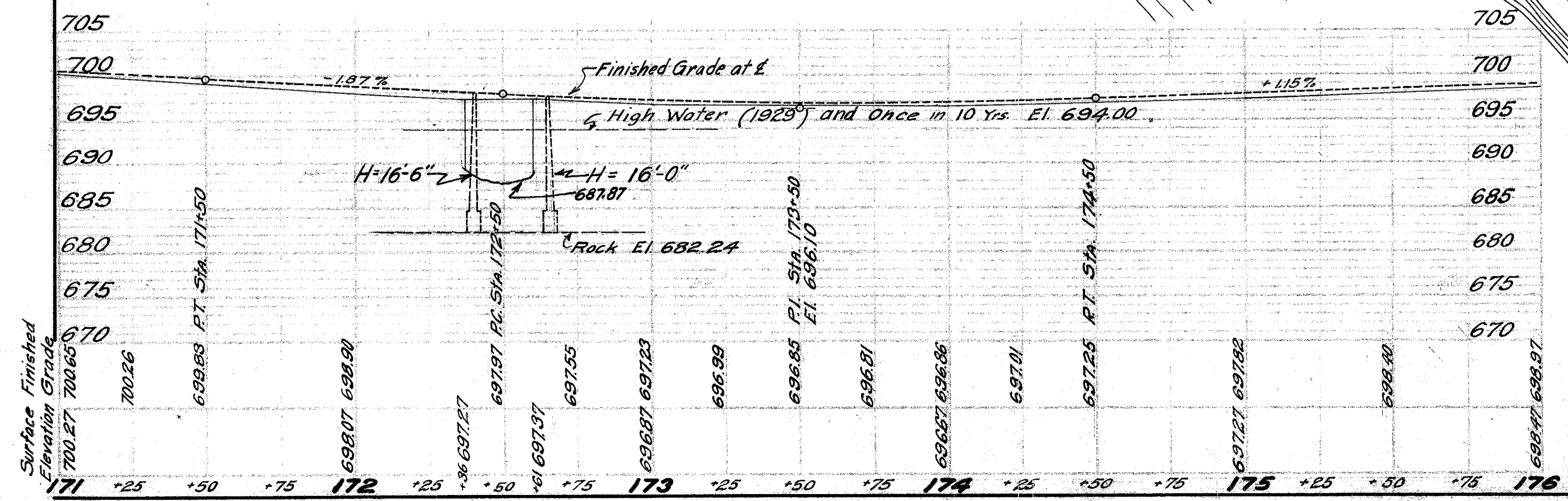
DRAINAGE DATA
Water shed = 3885 Acres = 6.07 Sq. Mi.
Length of watershed = 5.25 Mi. = 27720 Lin. Ft.
Total Fall = 30.0 Ft. or 5.71 Ft. per Mi.

NOTE: All excavated material from new channel to be placed in old channel and properly graded and leveled.

PROPOSED BRIDGE
Concrete Beam; Span = 26'-0"
Roadway = 30'-0" Skew = 15° 0'
Left Forward
H = 16'-6" for S. Abutment
H = 16'-0" for N. Abutment



$\Delta = 77^\circ 30'$
 $D = 43^\circ 30'$
 $T = 107.91'$
 $E = 377.5'$
 $R = 134.932'$
 $L = 180.02'$



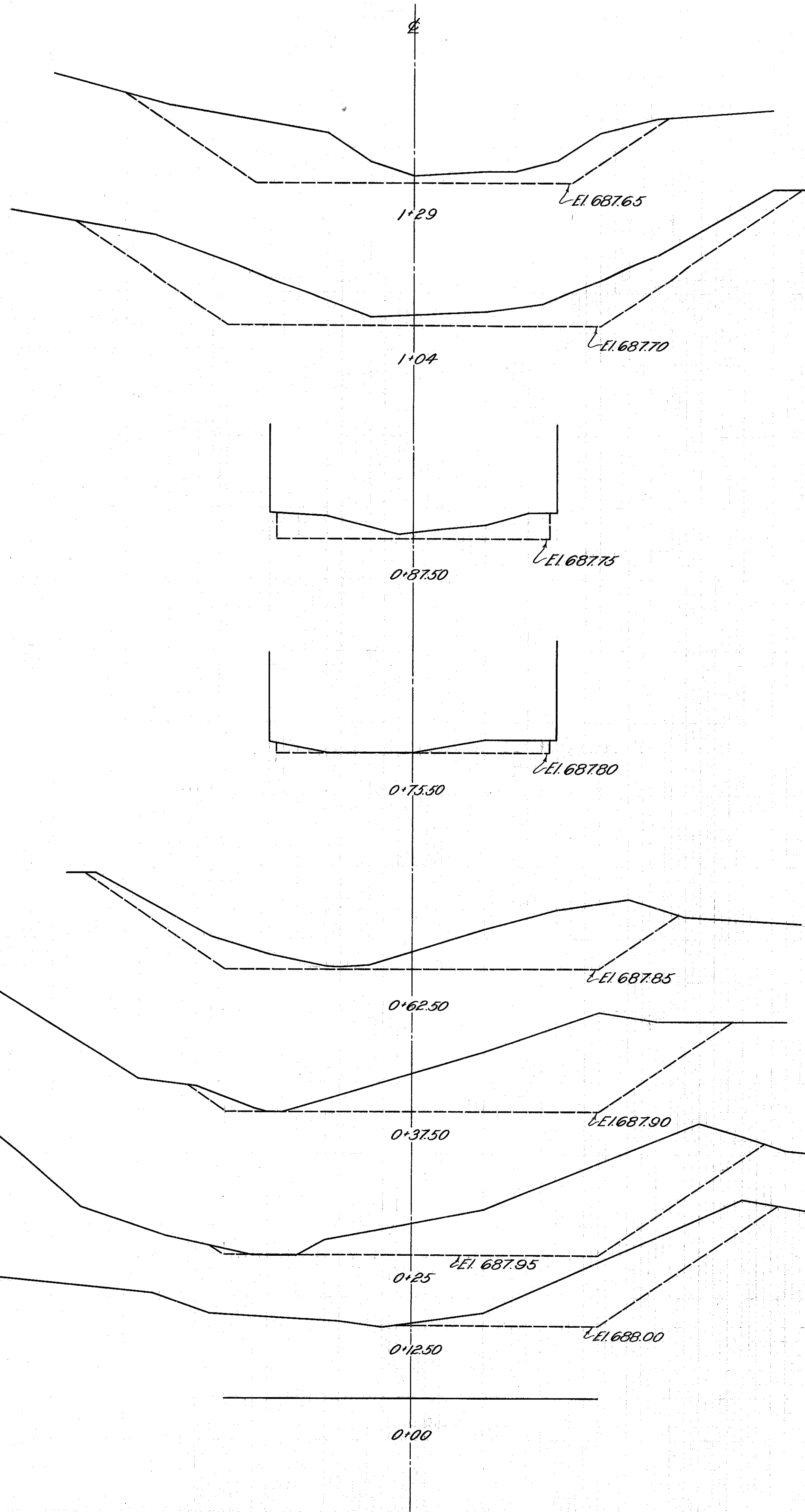
SITE PLAN
CONCRETE BEAM BRIDGE
STA. 172 + 47
WOOD CO. S.H. (I.C.H.) 273 SEC. 6
APRIL 1929 BUREAU OF BRIDGES

DESIGNED	DRAWN	TRACED	CHECKED	REVIEWED
COUNTY	COUNTY	COUNTY	K.G.K.	W.H.R. 6/12/29

END CUT	CUT
AREA YDS	CUT

69
78
93
37
22
7
75
20
75
85
107
51
114
41
61
14
0

TOTAL EXCAVATION = 1166 Cu. Yds



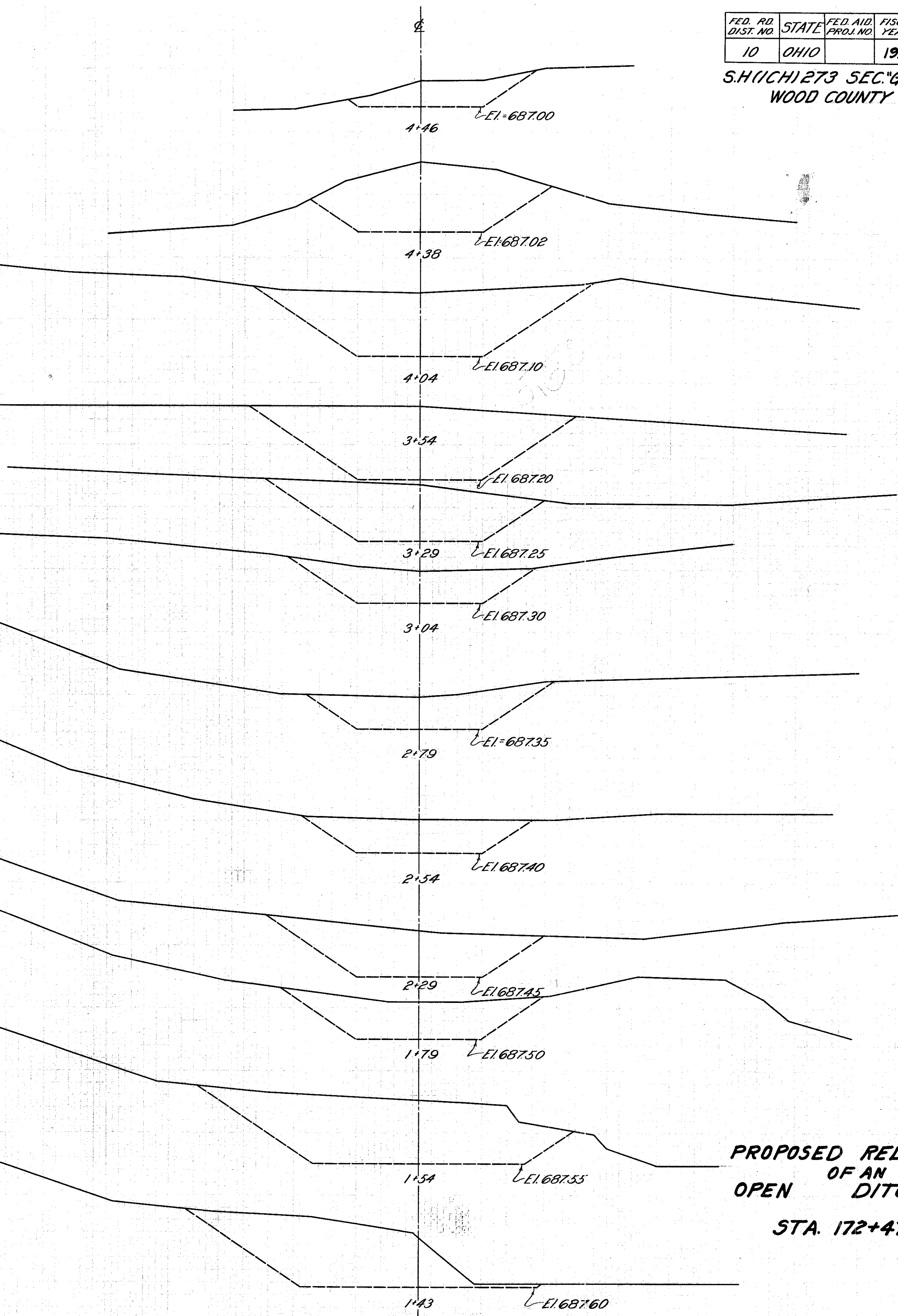
FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR
10	OHIO		1926

33
33

S.H. (11CH) 273 SEC. "G"
WOOD COUNTY

END CUT	CUT
AREA YDS	CUT

23
14
74
109
95
188
105
82
72
53
42
39
42
38
40
48
64
104
48
77
117
41
84
40

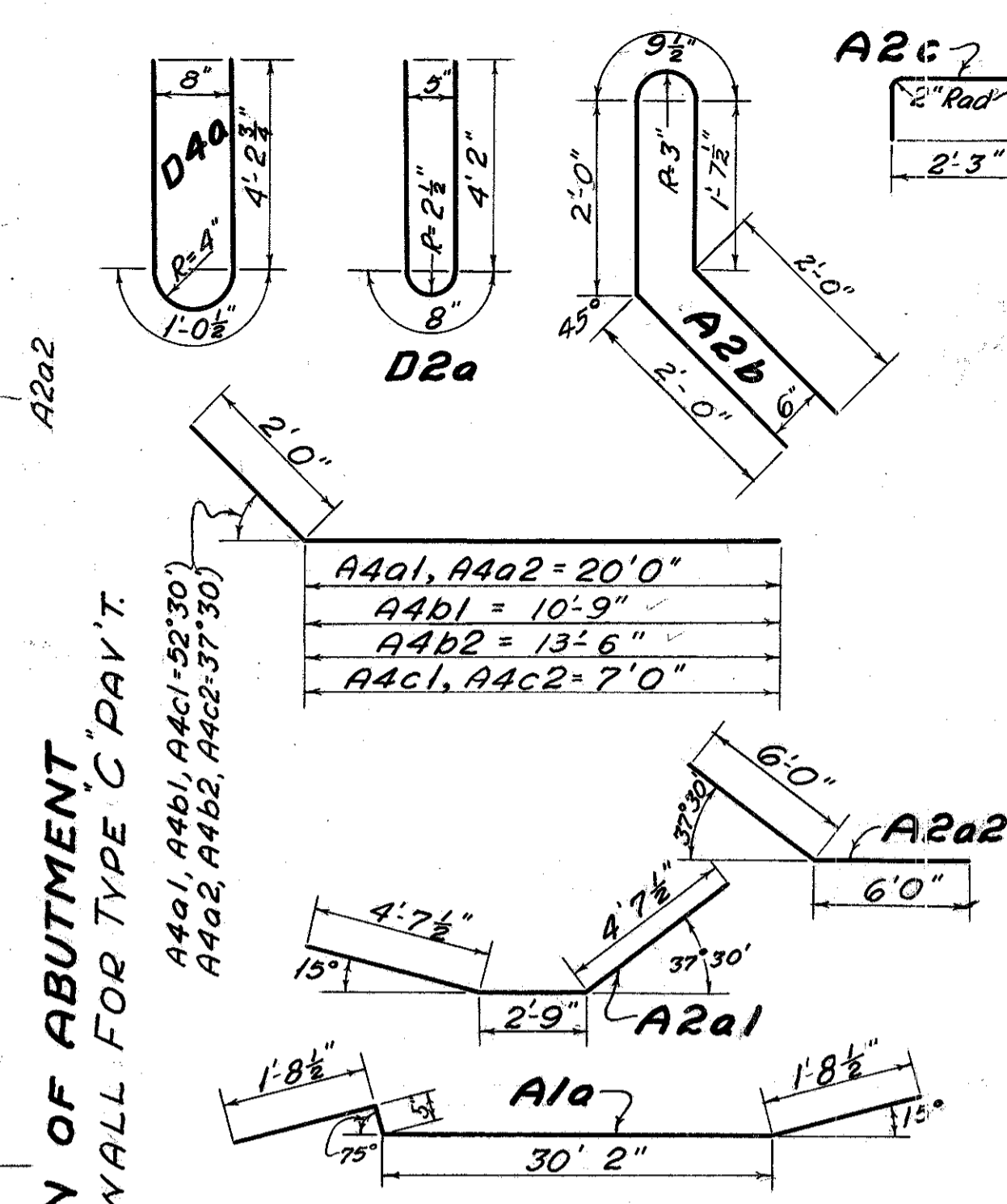
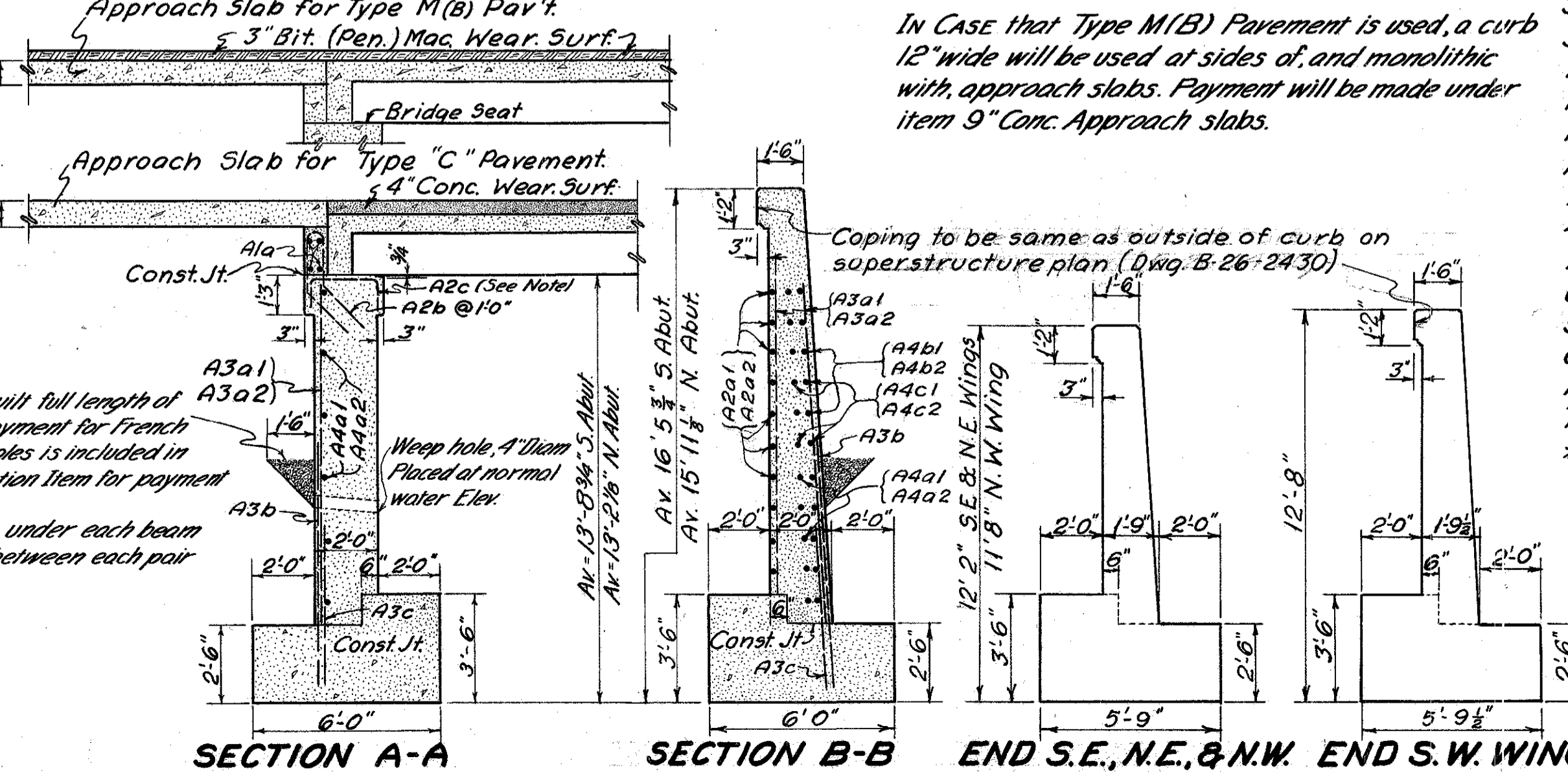
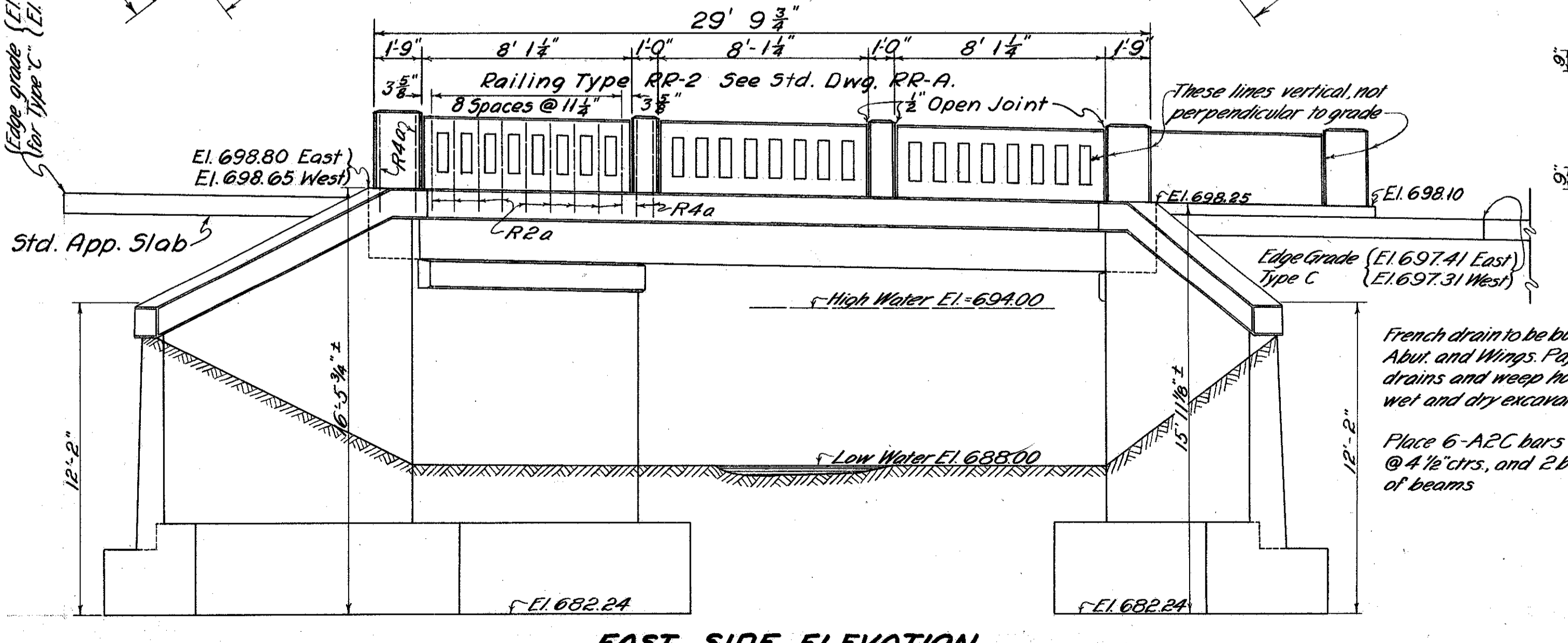
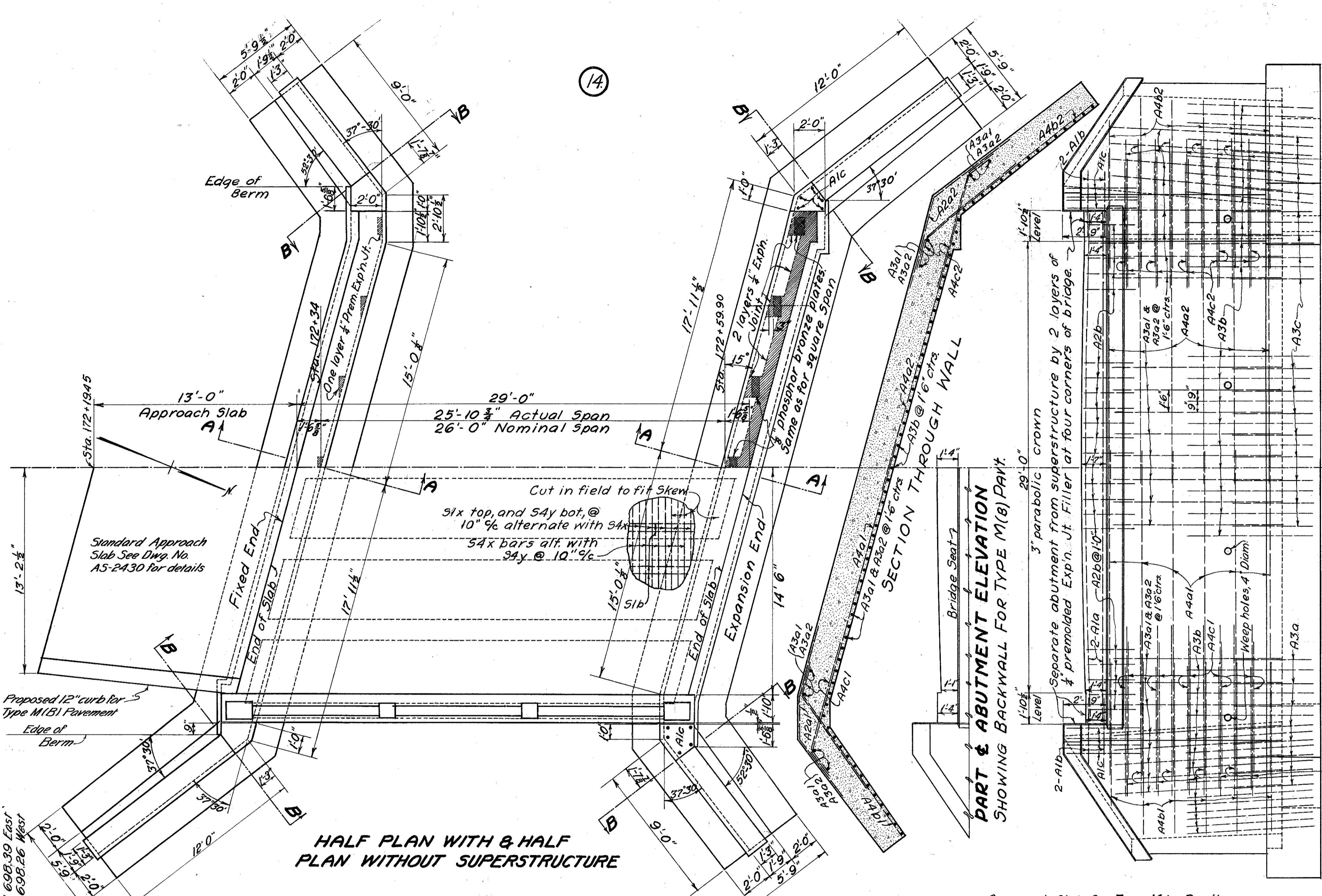


PROPOSED RELOCATION
OF AN
OPEN
DITCH
STA. 172+47

Reviewed M.H.E.
6-12-26

SH(ICH) 273 SEC. 6
WOOD COUNTY

STEEL LIST					
MARK	SIZE	SHAPE-LOCATION	NQ	LENGTH	WEIGHT
SUPERSTRUCTURE					
T9a	1 1/2" x 10"	See Std. B-26-2430	20	30' 4"	2610
T8a	1" x 10"	"	10	31' 1"	1057
T8b	1" x 10"	"	5	25' 11"	441
T8c	1" x 10"	"	5	21' 11"	373
T2a	1/2" x 10"	"	170	5' 6"	625
B8a	1" x 10"	"	4	31' 4"	426
B8b	1" x 10"	"	2	27' 4"	186
B8c	1" x 10"	"	6	30' 4"	619
B2a	1/2" x 10"	"	40	6' 8"	178
S4x	5/8" x 4"	"	34	34' 3"	1215
S4y	5/8" x 4"	Strt.	33	31' 9"	1093
S1x	5/8" x 1"	"	33	31' 9"	394
S1b	5/8" x 1"	"	30	28' 9"	325
S7x	1" x 7"	"	6	33' 0"	529
RAILING					
D4a	5/8" x 4"	Bent	16	9' 6"	159
D2a	5/8" x 4"	"	54	9' 0"	325
R1a	5/8" x 4"	Strt.	36	7' 9"	*
SUBSTRUCTURE					
A3a1	1/2" x 10"	S. Abut., Strt.	40	11' 0"	374
A3a2	1/2" x 10"	N. Abut., Strt.	40	10' 5"	354
A3b	1/2" x 10"	Strt.	80	8' 0"	544
A3c	1/2" x 10"	"	64	5' 2"	281
A4a1	5/8" x 4"	Bent	12	22' 0"	275
A4b2	5/8" x 4"	"	12	22' 0"	275
A4b1	5/8" x 4"	"	12	12' 9"	160
A4b2	5/8" x 4"	"	12	15' 6"	194
A4c1	5/8" x 4"	"	12	9' 0"	113
A4c2	5/8" x 4"	"	12	9' 0"	113
A2a1	1/2" x 10"	"	18	12' 0"	144
A2a2	1/2" x 10"	"	18	12' 0"	144
A2b	1/2" x 10"	"	68	8' 5"	382
A2c	1/2" x 10"	"	108	4' 3"	307
A1a	5/8" x 4"	"	8	34' 0"	102
A1b	5/8" x 4"	Strt.	16	3' 0"	18
A1c	5/8" x 4"	as shown, str.	20	4' 6"	34
TOTAL = 14,370 Lbs.					



SUPERSTRUCTURE shall consist of one span of Standard Concrete Beam Bridge, 26'-0" Span, 30'-0" Roadway (See Std. Dwg. No. B-26-2430) except as indicated.

CHAMFER all exposed edges 3/4" unless otherwise shown.

EXCAVATION. All excavation below El. 688.00 shall be considered "Wet." All above that elevation to be dry. Payment for removal of existing abutments shall be included with payment for Structural Excavation and Channel Excavation.

CHANNEL to be changed as shown on "Site Plan" Sheet No. 33. All excavated material from new channel to be placed in old channel and properly graded and leveled. See Sheet No. 34 for Cross-Sections.

REMOVING EXISTING SUPERSTRUCTURE. Existing Lattice girder bridge with plank floor, 16'-0" roadway, 21'-6" clear span, shall be carefully dismantled and piled along the right-of-way at the disposal of the State of Ohio.

* Included in Railing for Payment

ESTIMATED QUANTITIES	
Channel Excavation (incl. old chan. fill)	1166.0 Cu. Yds.
Structural Excavation (wet)	195.0 Cu. Yds.
Structural Excavation (dry)	185.0 Cu. Yds.
1-6 1/2 Concrete (footings)	71.7 Cu. Yds.
1-6 1/2 Concrete (walls)	91.0 Cu. Yds.
1-5 1/2 Concrete (superstructure)	37.4 Cu. Yds.
Reinforcing Steel	14370.0 Lbs.
1/4" Prem. Expn. Jt. Filler	110.0 Sq. Ft.
4" Conc. Wearing Surf. (1-5 1/2) for Type "C"	93.5 Sq. Yds.
1/8" Phosphor Bronze Plates	52.0 Lbs.
Cast Iron Scuppers	2 Pcs.
9" Conc. Approach Slabs (1-5 1/2)	80.0 Sq. Yds.
Concrete Railing Type RR-2	59.6 Lin. Ft.
Removing Existing Superstructure	Lump Sum
Timber piling (to establish price)	1 Lin. Ft.
3/4" Expansion Jt. Filler	85.0 Sq. Ft.

DETAILS & QUANTITIES
CONCRETE BEAM BRIDGE
STA. 172 + 47
WOOD CO. SH(ICH) 273 SEC. 6
MAY 1929 BUREAU OF BRIDGES

DESIGNED	DRAWN	TRACED	CHECKED	REVIEWED
COUNTY	COUNTY	COUNTY	H.G.K.	W.H.R. 6-13-29

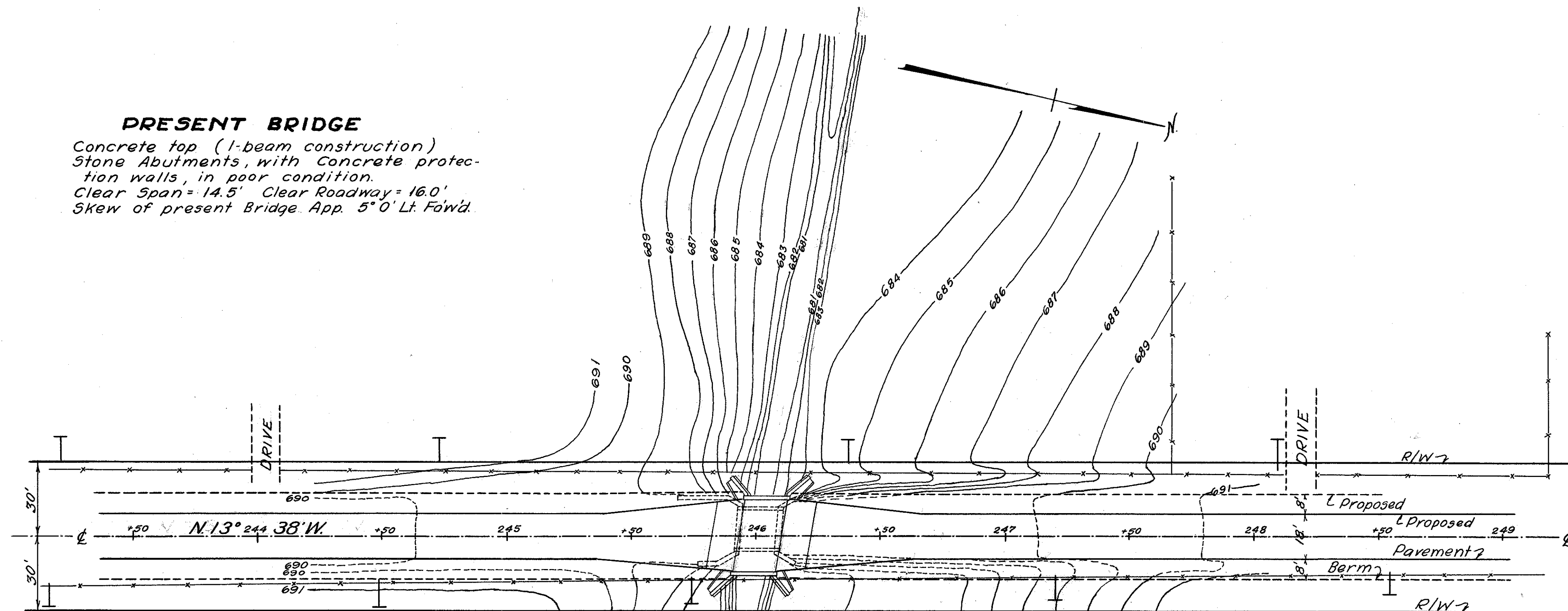
FED RD DIST NO	STATE	FED AID PROJ NO	FISCAL YEAR
10	OHIO		

35
38

SH (ICH) 273 SEC G
WOOD COUNTY

PRESENT BRIDGE

Concrete top (I-beam construction)
Stone Abutments, with Concrete protection walls, in poor condition.
Clear Span = 14.5' Clear Roadway = 16.0'
Skew of present Bridge App. 5° 0' Lt. Fwd.



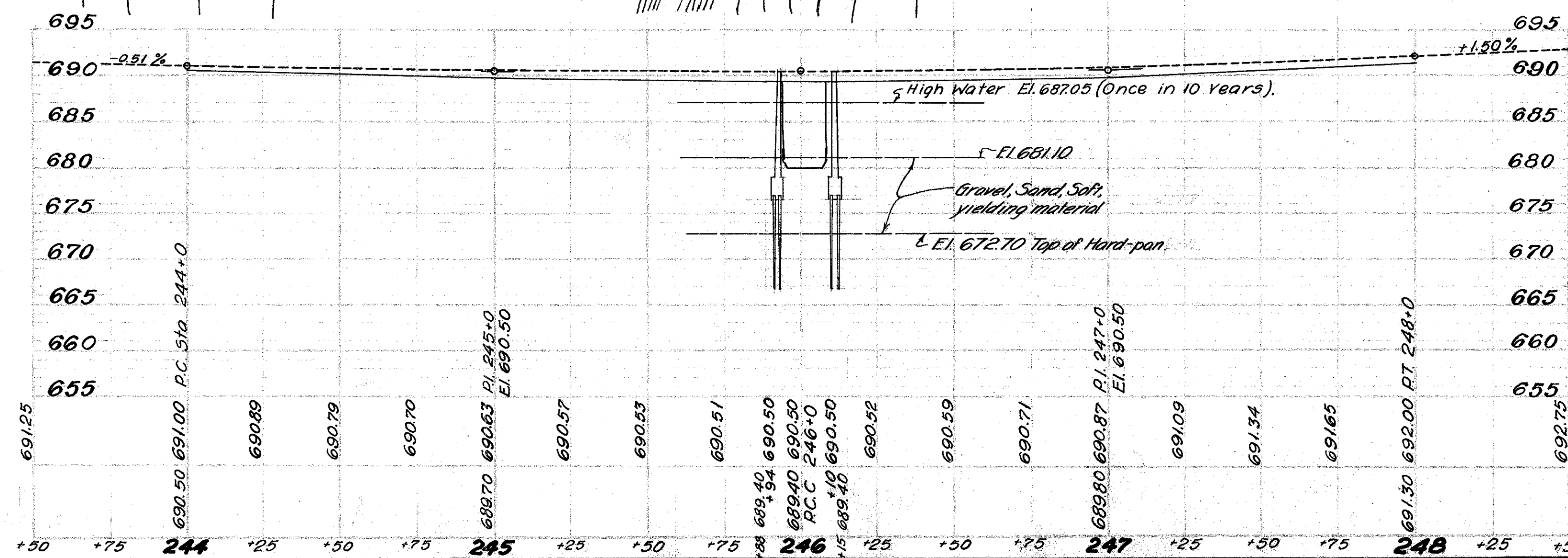
DRAINAGE DATA

Water shed = 1045 Acres = 1.60 Sq. Mi.
Length of watershed = 2.5 Mi.
Slope = 8.0' per Mile.

PROPOSED BRIDGE

Standard slab except with skew of 10° 0' Left forward. Clear Span = 16' 0"
Roadway = 30' 0" 5td. 12' 0" Approach slabs.

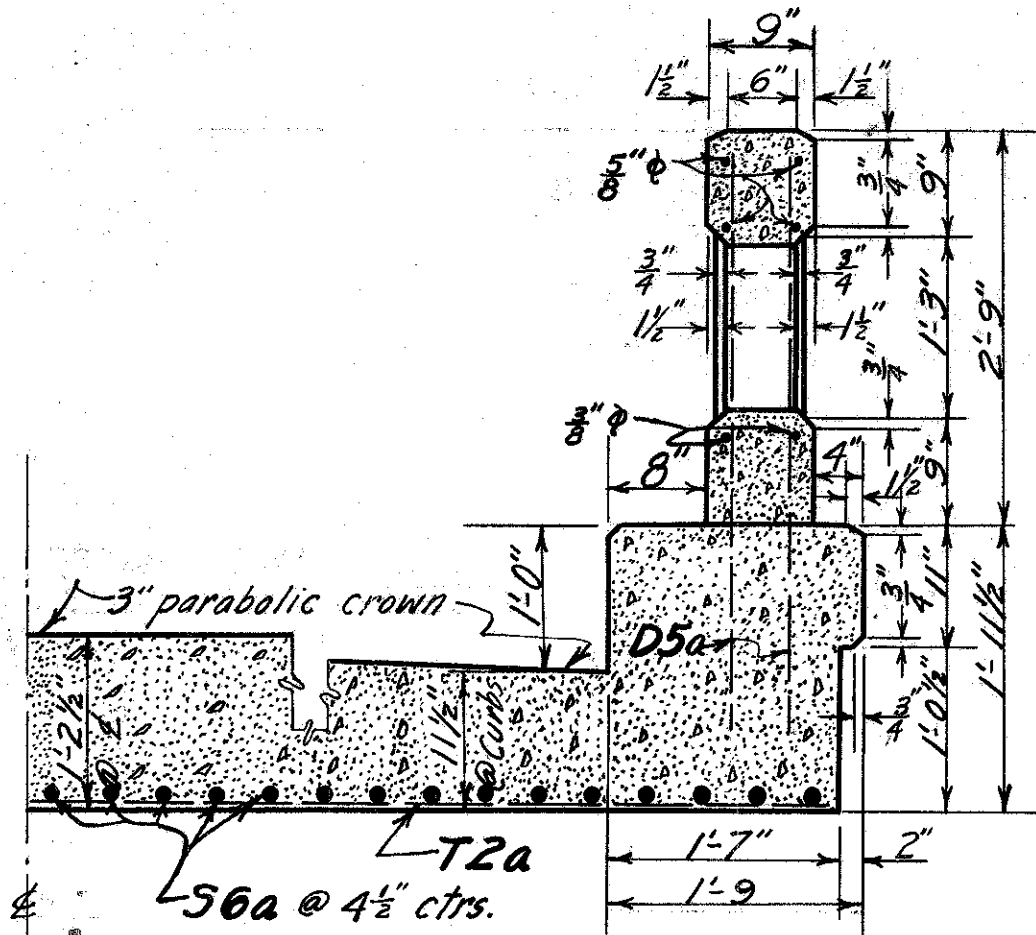
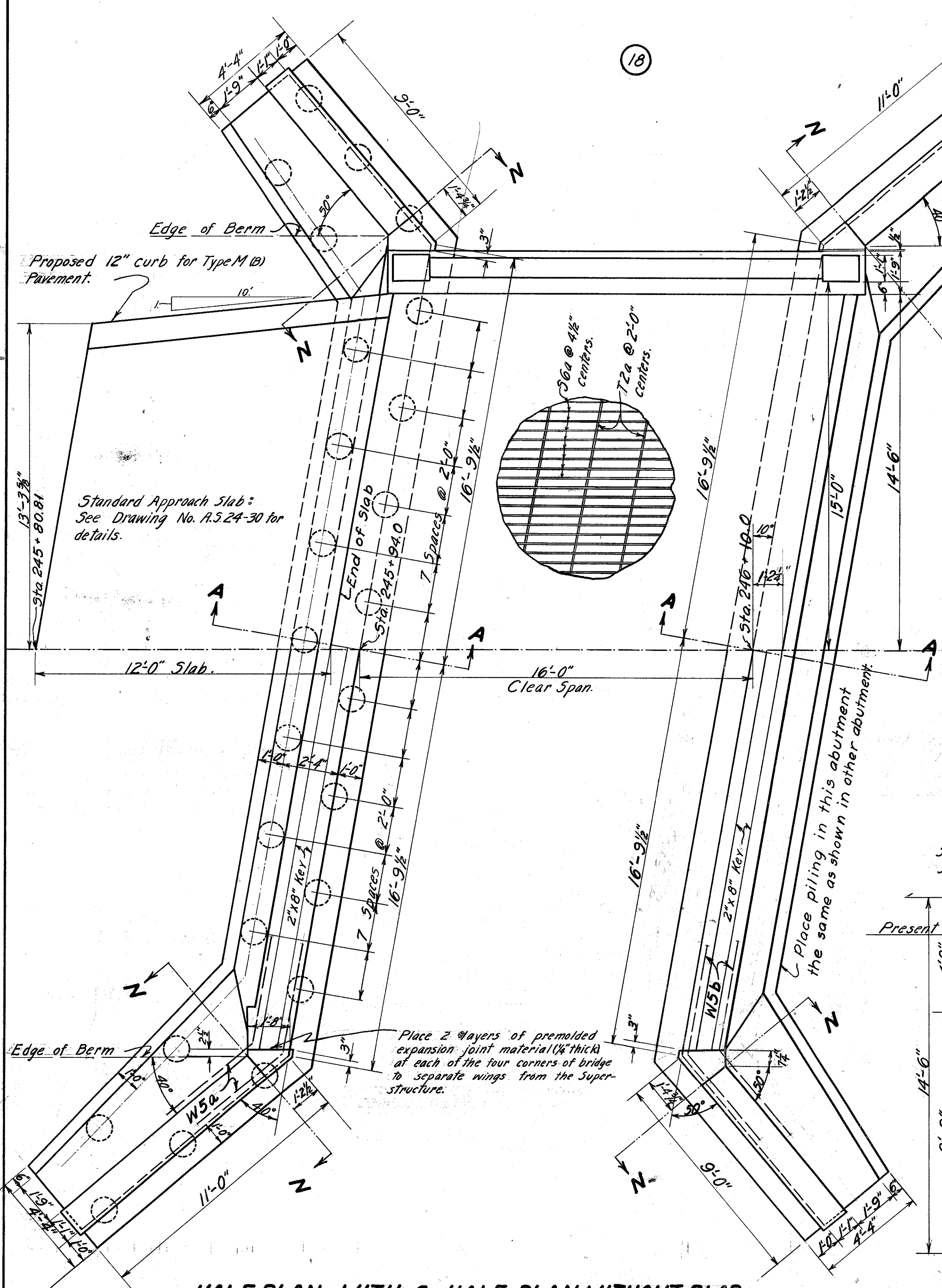
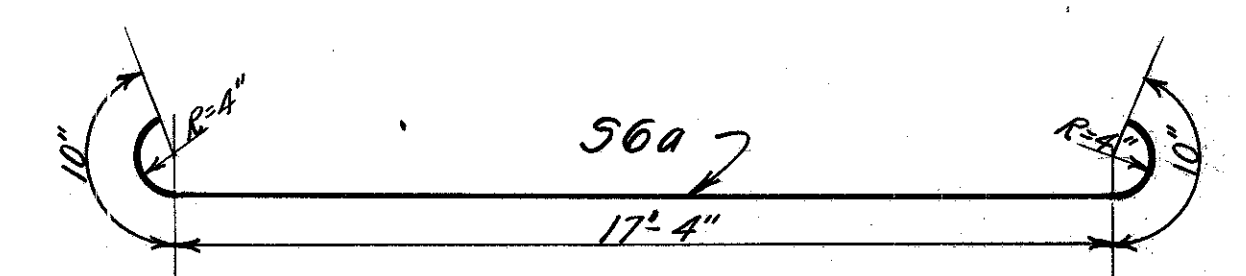
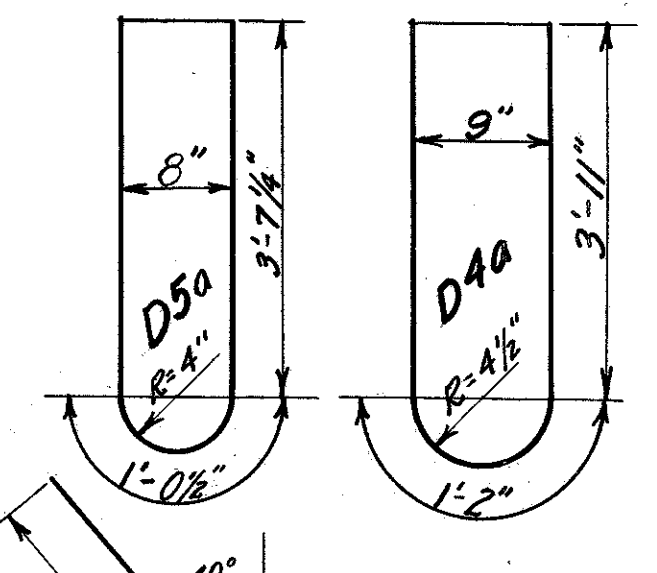
SITE PLAN
Scale 1" = 30'



SITE PLAN
SKEWED SLAB BRIDGE
STA. 246+02
WOOD COUNTY S.H.(ICH) 273 SEC. G
MARCH 1929 BUREAU OF BRIDGES

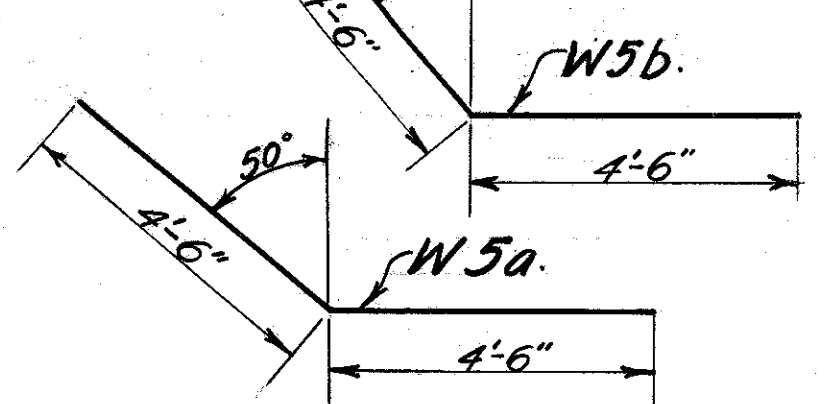
DESIGNED COUNTY	DRAWN COUNTY	TRACED COUNTY	CHECKED	REVIEWED
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MARK	Nº	SIZE	LENGTH	SHAPE	WEIGHT
D5a	8	3/4" φ	8'-3"	Bent	99
D4a	8	3/4" φ	9'-0"	Bent	75
S6a	86	3/8" φ	19'-0"	Bent	3340
T2a	9	1/2" φ	32'-9"	Strt.	197
K4a	66	3/8" φ	2'-0"	Strt.	138
W5a	12	3/4" φ	9'-0"	Bent	162
W5b	12	3/4" φ	9'-0"	Bent	162
A4a	64	3/8" φ	4'-6"	Strt.	300
TOTAL					4473 Lbs.

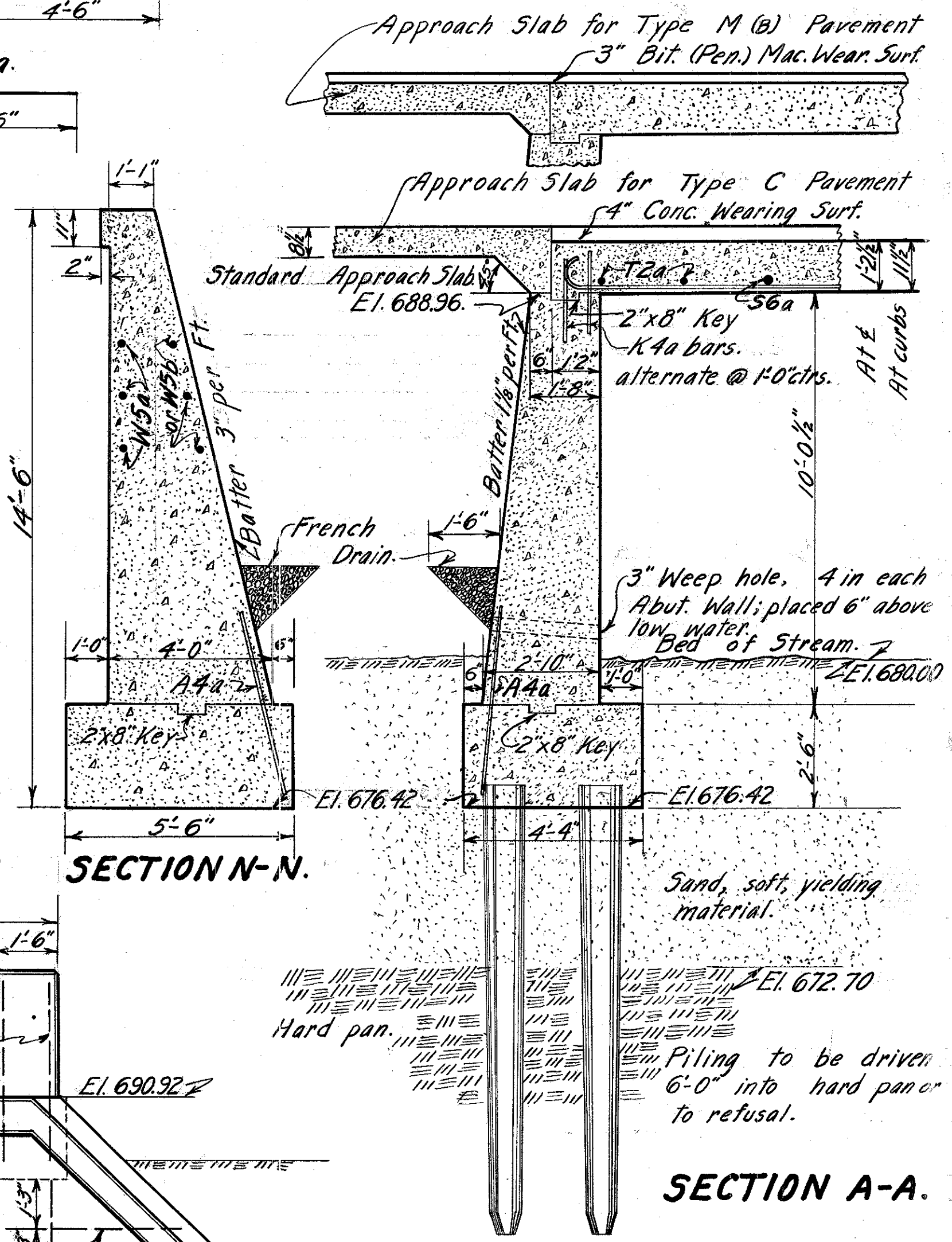


SECTION THRU RAILING.

FRENCH DRAINS are to be constructed full length of abutments and wings. French drains and weep holes are included in Wet and Dry excavation item for payment. STEEL LIST does not include approach slab steel or railing bars, except railing dowels. IN CASE that type M(a) pavement is used, a curb 12" wide will be used at sides of and monolithic with approach slabs. Payment will be made under item 8 1/2" Concrete Approach Slabs. LIMITS OF STRUCTURE EXCAVATION: All excavation below El. 680.00 shall be considered wet. All above, dry. CHAMFER all exposed edges 3/4" unless otherwise shown.

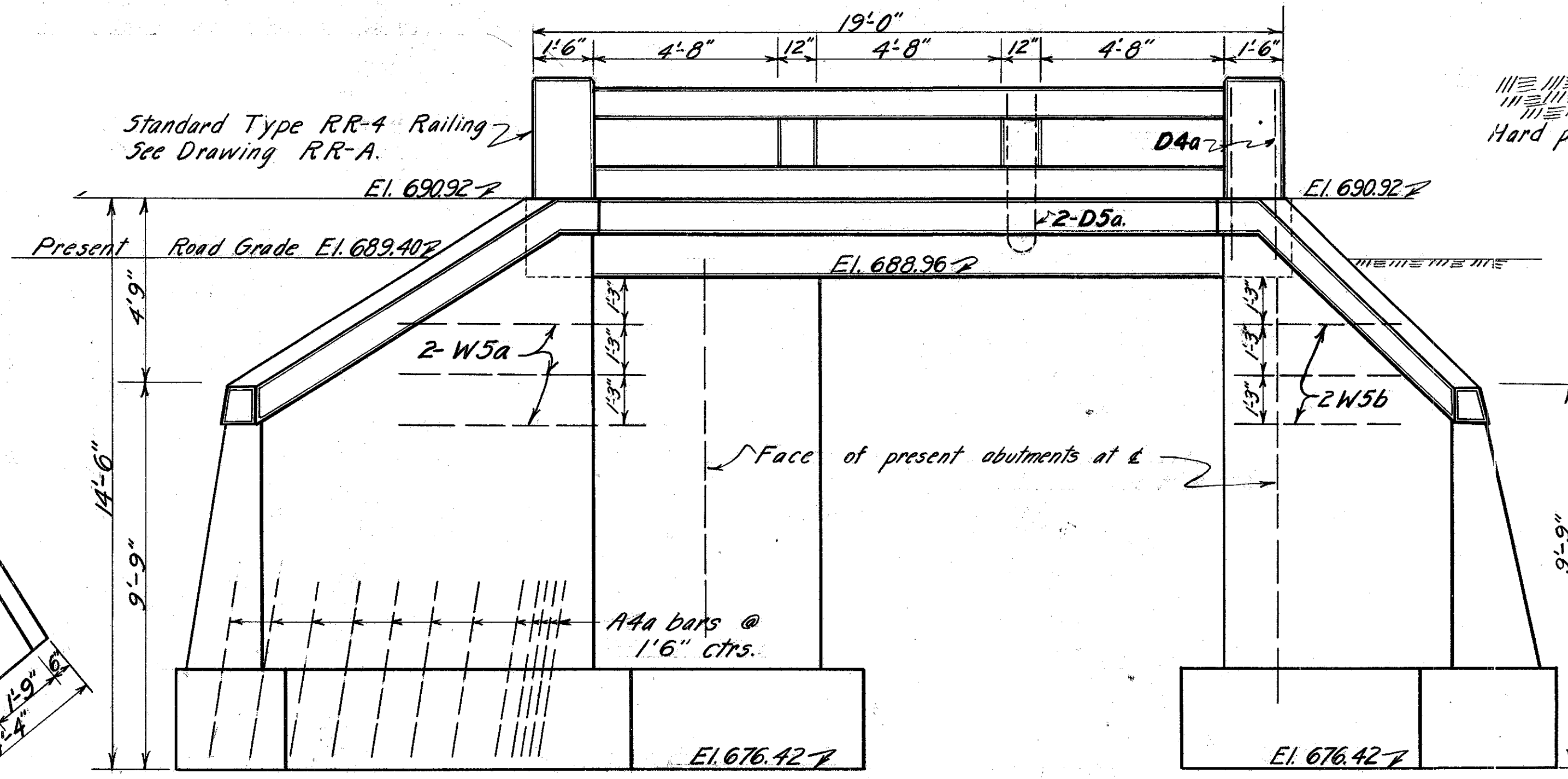


END-WINGS



SECTION N-N.

SECTION A-A.



SIDE ELEVATION.

ESTIMATED QUANTITIES.	
Excavation, Wet	93 Cu. Yds.
Excavation, Dry	150 Cu. Yds.
Timber Piling	550 Lin. Ft.
1:6 1/2 Footing conc.	43.5 Cu. Yds.
1:6 1/2 Wall conc.	96.8 Cu. Yds.
1:5 1/2 Superstructure conc.	27.3 Cu. Yds.
Reinforcing Steel	4473 Lbs.
8" conc. Approach Slabs	74.2 Sq. Yds.
4" conc. Wear Surf. Type "C" Pavement	59.1 Sq. Yds.
Std. Type RR-4 Railing	38 Lin. Ft.
4" Premoulded Expansion Jt. Filler	26. Sq. Ft.

SKewed Slab Bridge.
STA. 246+02
WOOD COUNTY S.H.(C.H.) 273 SEC. G.
APRIL 1929 BUREAU OF BRIDGES

DESIGNED	DRAWN	TRACED	CHECKED	REVIEWED
COUNTY	COUNTY	COUNTY	COUNTY	COUNTY

SUMMARY OF PIPE FOR DRIVES AND DRAIN TILE

FROM STATION	TO STATION	CORR. I.P.	ROCK EXCAV.	CORR. I.P. IN FT.					STDC. B. NO.	REMARKS						
				8"	10"	12"	15"	18"								
2+20	12+07	Corr. I.P.	18'							1	18' 8" Corr. I.P. for Dr. Lt.					
11+43	12+16	K.S.P.			64						Remove 18' 8" K.S.P. to gr on Rt. Build Std. No. 2 C.B.					
20+64	21+64	K.S.P.	18'		82						1	Remove 18' 8" K.S.P. to gr on Rt. Build Std. No. 2 C.B.				
20+80	26+32	Corr. I.P.	18'								1	18' 10" Corr. I.P. for Dr. Rt.				
27+73	33+86	Corr. I.P.	18'								1	18' 8" Corr. I.P. for Dr. Lt.				
46+20	48+10	Corr. I.P.	18'								1	18' 8" Corr. I.P. for Dr. Lt.				
30+32	51+28	K.S.P.	18'		76						1	Remove 7' 6" Ft. Lay 76' 8" K.S.P. to gr on Rt. Build Std. No. 2 C.B.				
53+58	55+18	Corr. I.P.	18'									18' 12" Corr. I.P. for Dr. Rt.				
55+30	57+26	K.S.P.	36'		160							1	Remove 18' 8" K.S.P. to gr on Lt. Lay 160' 0" K.S.P. to gr on Lt. Build Std. No. 2 C.B.			
55+40	57+60	Corr. I.P.	18'									1	18' 8" Corr. I.P. for Dr. Rt.			
68+12	68+12	Corr. I.P.	18'										18' 8" Corr. I.P. for Dr. Rt.			
76+38	87+52	K.S.P.	54'		1060								1	1060' 0" K.S.P. to gr on Lt. Lay 1060' 0" K.S.P. to gr on Lt. Build Std. No. 2 C.B.		
84+95	87+54	Corr. I.P.	18'											18' 8" Corr. I.P. for Dr. Rt.		
87+54	94+33	K.S.P.	36'		531									1	531' 0" K.S.P. to gr on Lt. Lay 531' 0" K.S.P. to gr on Lt. Build Std. No. 2 C.B.	
93+51	94+33	Corr. I.P.	18'											18' 8" Corr. I.P. for Dr. Lt.		
TOTALS			324	36	54	242	232	82	78	82	5					
TOTALS			30	18'	18'	2028	1593	784	4							
94+33	102+35	K.S.P.	18'		784									1	784' 0" K.S.P. to gr on Lt. Build Std. No. 2 C.B.	
94+33	102+35	Corr. I.P.	18'												18' 8" Corr. I.P. for Dr. Lt.	
102+37	114+44	Corr. I.P.	50'		18										1	18' 8" Corr. I.P. for Dr. Rt.
114+46	124+93	K.S.P.			1593										1	1593' 0" K.S.P. to gr on Lt. Build Std. No. 2 C.B.
TOTALS			30	18'	18'	2028	1593	784	4							
124+93	124+93	K.S.P.	18'		57										1	57' 0" K.S.P. to gr on Lt. Build Std. No. 2 C.B.
124+93	124+93	Corr. I.P.	18'													18' 8" Corr. I.P. for Dr. Lt.
127+00	131+00	K.S.P.	18'		400										1	400' 0" K.S.P. to gr on Rt. Build Std. No. 2 C.B.
131+24	131+24	Corr. I.P.	18'													18' 8" Corr. I.P. for Dr. Rt.
131+80	133+40	K.S.P.	36'		124										1	124' 0" K.S.P. to gr on Lt. Build Std. No. 2 C.B.
138+80	149+60	Corr. I.P.	18'													18' 8" Corr. I.P. for Dr. Lt.
140+83	149+43	Corr. I.P.	18'													18' 8" Corr. I.P. for Dr. Lt.
149+60	152+00	K.S.P.	18'		222										1	222' 0" K.S.P. to gr on Lt. Build Std. No. 2 C.B.
152+31	152+31	Corr. I.P.	18'													18' 8" Corr. I.P. for Dr. Lt.
152+52	159+59	Corr. I.P.	18'													18' 8" Corr. I.P. for Dr. Rt.
161+82	168+86	Corr. I.P.	18'													18' 8" Corr. I.P. for Dr. Lt.
169+06	170+54	K.S.P.	18'		66										1	66' 0" K.S.P. to gr on Lt. Build Std. No. 2 C.B.
176+50	179+30	Corr. I.P.	18'													18' 8" Corr. I.P. for Dr. Lt.
183+20	185+30	Corr. I.P.	18'													18' 8" Corr. I.P. for Dr. Lt.
185+30	186+40	Corr. I.P.	18'													18' 8" Corr. I.P. for Dr. Lt.
202+17	208+50	Corr. I.P.	18'													18' 8" Corr. I.P. for Dr. Rt.
210+60	215+50	K.S.P.	18'		130										1	130' 0" K.S.P. to gr on Lt. Build Std. No. 2 C.B.
215+58	218+30	Corr. I.P.	18'													18' 8" Corr. I.P. for Dr. Lt.
229+38	236+09	Corr. I.P.	18'													18' 8" Corr. I.P. for Dr. Lt.
237+26	239+00	K.S.P.	18'		472										1	472' 0" K.S.P. to gr on Lt. Build Std. No. 2 C.B.
237+30	239+00	Corr. I.P.	18'													18' 8" Corr. I.P. for Dr. Lt.
244+04	246+15	Corr. I.P.	18'													18' 8" Corr. I.P. for Dr. Lt.
253+14	259+60	Corr. I.P.	18'													18' 8" Corr. I.P. for Dr. Lt.
263+00	270+08	K.S.P.	54'		406										1	406' 0" K.S.P. to gr on Lt. Build Std. No. 2 C.B.
271+77	278+19	Corr. I.P.	18'													18' 8" Corr. I.P. for Dr. Lt.
278+43	278+60	Corr. I.P.	18'													18' 8" Corr. I.P. for Dr. Lt.
284+00	284+36	K.S.P.	18'		222										1	222' 0" K.S.P. to gr on Lt. Build Std. No. 2 C.B.
284+36	297+70	Corr. I.P.	36'													18' 8" Corr. I.P. for Dr. Lt.
300+36	302+00	K.S.P.	18'													18' 8" Corr. I.P. for Dr. Lt.
308+24	317+26	Corr. I.P.	18'													18' 8" Corr. I.P. for Dr. Lt.
TOTALS			900	54	3711	1508	1814	1	10							

SUMMARY OF QUANTITIES NO. 2

FED. RD. DIST. NO. 10 STATE OHIO FE. PPR. S.H.(C.H.) 273 SECS. AND "WEST MILLGRU" WOOD COUNTY, OHIO

Under drain

Under drain

12-A-24