

27

STATE OF OHIO
DEPARTMENT OF HIGHWAYS
CLEVELAND — MEADVILLE ROAD
I.C.H. NO. 15 SEC. H₂G. PET. NO. 14. & R.
GEAUGA COUNTY
MUNSON-CLARIDON TOWNSHIPS
APRIL 1929

FED. AID DIST. NO.	STATE	FED. AID PROJECT YEAR	FISCAL YEAR
10	OHIO	469-C	1930

S.H. (I.C.H.) 15 SEC. H₂G.
GEAUGA COUNTY.

Gea U.S.R. 322
10.40-1296

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 not require the closing to traffic of the highway.

Approved: B. R. Henry
Date, 5-13-29 Resident District Deputy Director.

Approved: D. W. Leggett
Date, 5-22-29 Resident Division Deputy Director.

Approved: Robert D. Baigh
Date, 5-31-29 Chief Engineer Bureau of Construction.

Approved: _____
Date, _____ Chief Engineer Bureau of Maintenance.

Approved: _____
Date, _____ Chief Engineer Bureau of Bridges.

Approved: Robert D. Baigh
Date, 5-31-29 Chief Engineer & First Assistant Director.

Approved: Robert Nebel
Date, 5-31-29 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.

Checked by Ethel Steiner 5/28/29.
Reviewed by C. J. K.

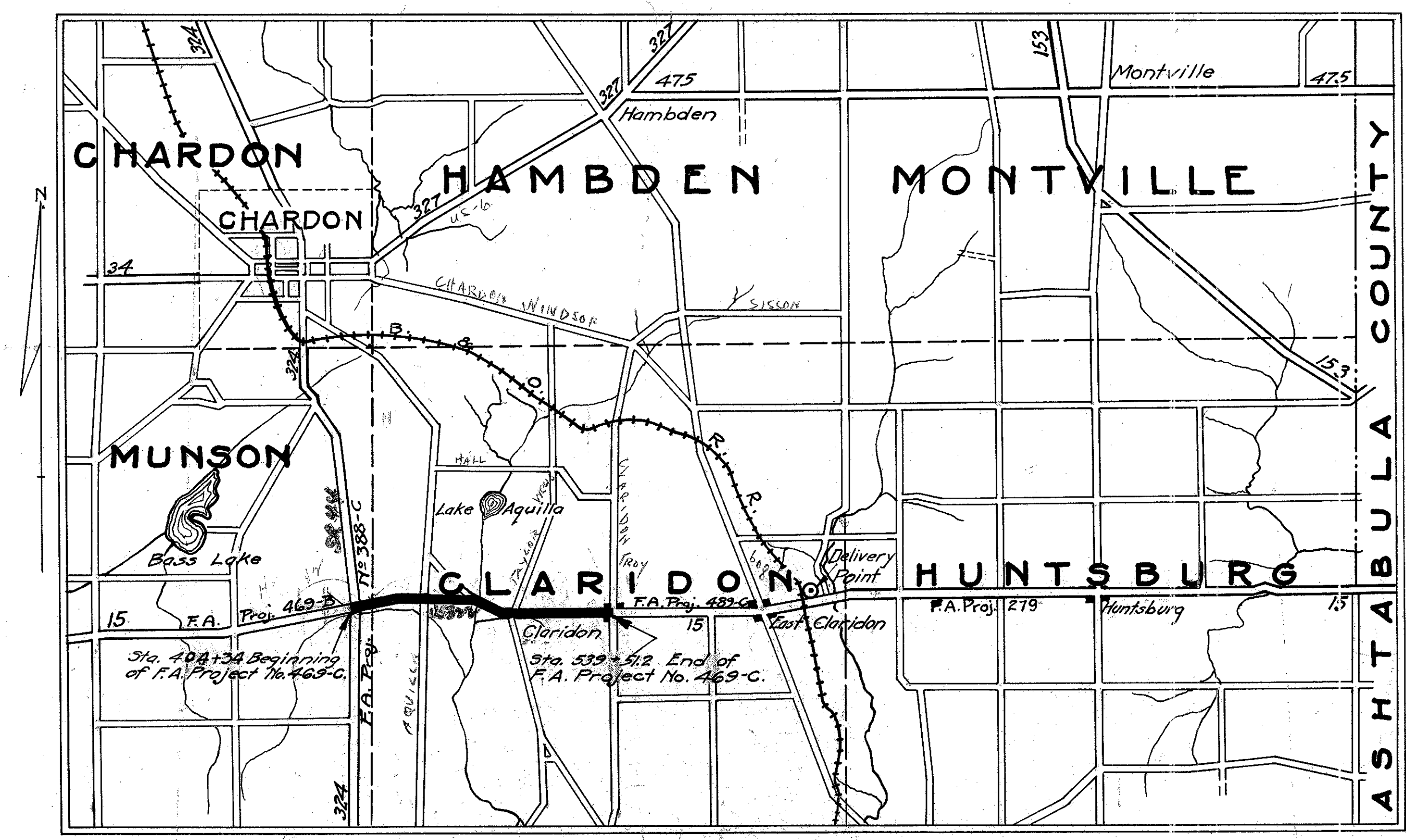
CONVENTIONAL SIGNS

- County Line _____
- Township Line _____
- Property Line _____
- Center Line _____
- Fence _____
- C.E.I. or Tel. poles _____
- Guard Rail _____
- Drain Pipe. _____
- Trees _____

We, the Commissioners of Geauga 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.

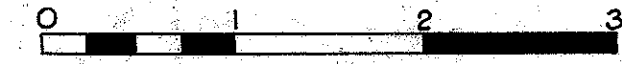
W. H. Cornwell
H. J. Russell
J. Shatford

Date, 5-13-29 County Commissioners



LOCATION PLAN

SCALE OF MILES



- PORTION TO BE IMPROVED _____
- STATE ROADS _____
- OTHER ROADS _____

SCALES

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

INDEX OF SHEETS

- Title Page 1
- Typical Cross Sections 2
- Plans and Profile 3-7
- Cross Sections 8-15
- Structural Plans 16-18
- Summary Sheet 19

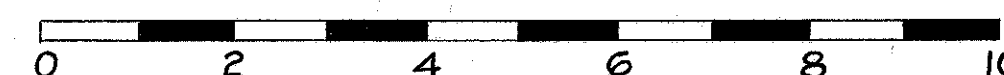
CONSTRUCTION BUREAU
APR 4 1929
GROUND PHOTOGRAPH

1087

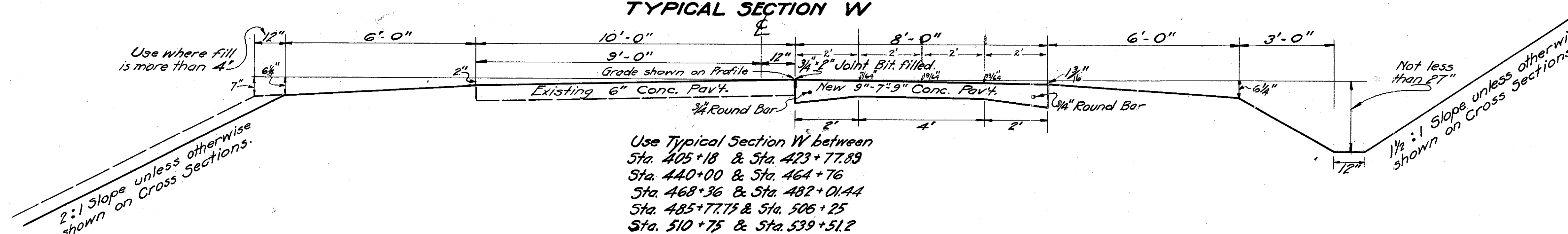
S.H. (I.C.H.) 15 SEC. H₂G
GEAUGA COUNTY.

TYPICAL SECTIONS

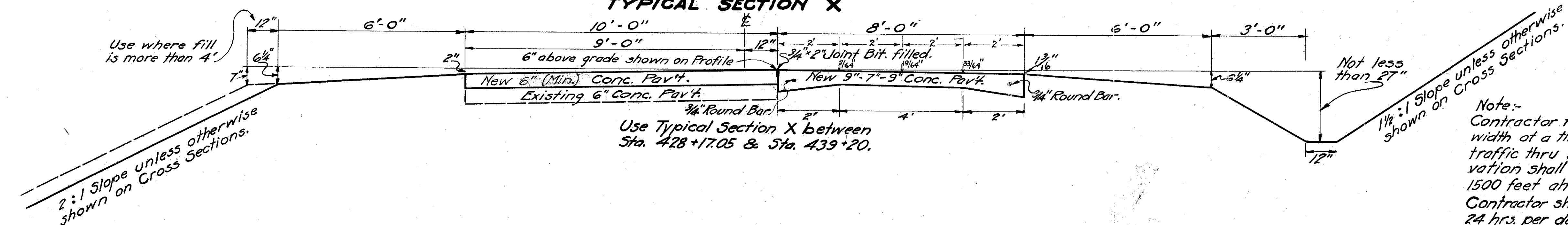
SCALE IN FEET



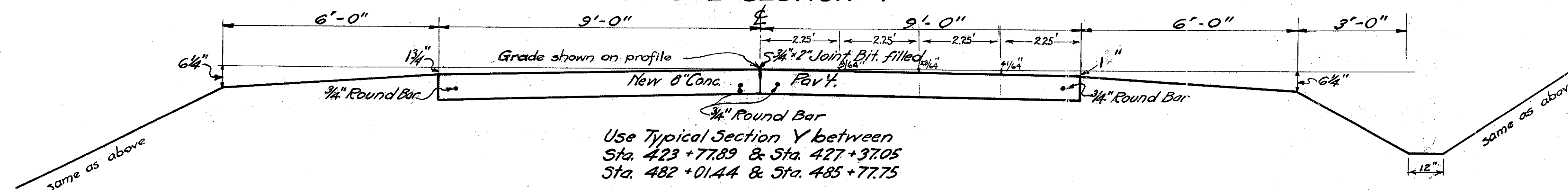
TYPICAL SECTION W



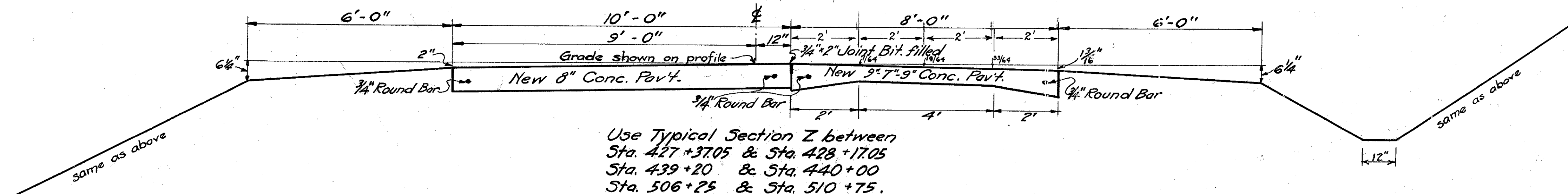
TYPICAL SECTION X



TYPICAL SECTION Y



TYPICAL SECTION Z

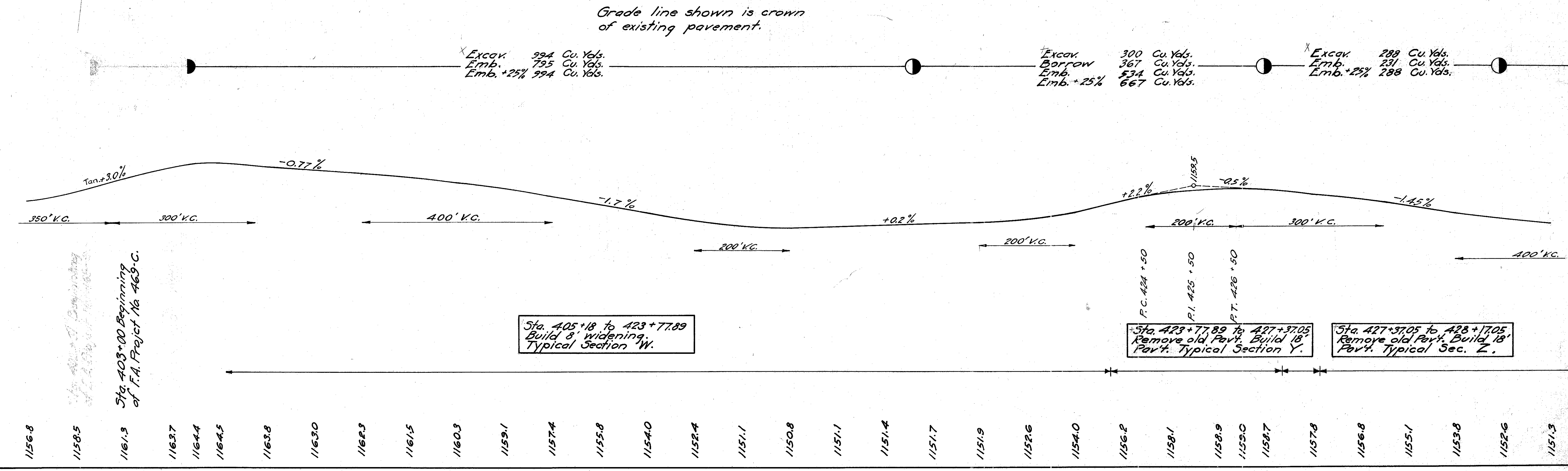
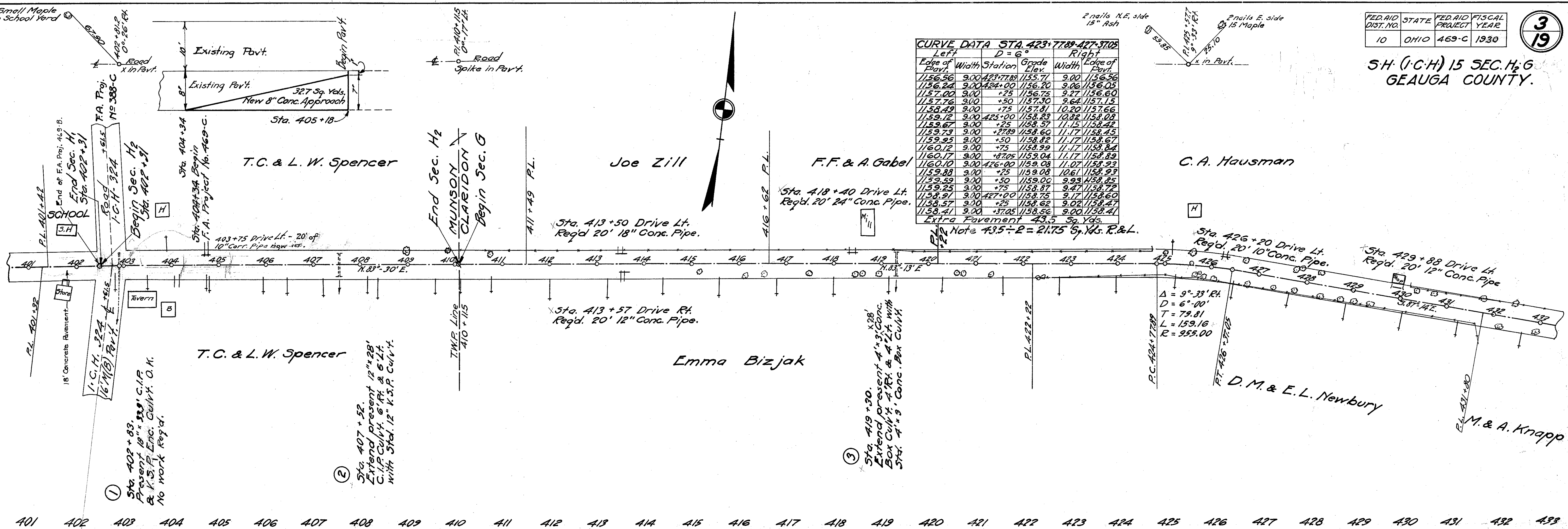


5 H. (1 C. H.) 15 SEC. H. 6
 GEauga COUNTY.

CURVE DATA STA. 423+77.89-427+37.05

Left	D = 6°	Right
Edge of Pavt.	Width Station	Grade Elev. Width Edge of Pavt.
1156.56	9.00 423+77.89	1155.71 9.00 1156.56
1156.24	9.00 424+00	1156.20 9.06 1156.05
1157.00	9.00 +25	1156.75 9.27 1156.60
1157.76	9.00 +50	1157.30 9.64 1157.15
1158.49	9.00 +75	1157.81 10.20 1157.66
1159.12	9.00 425+00	1158.29 10.82 1158.08
1159.67	9.00 +25	1158.57 11.12 1158.42
1159.73	9.00 +27.89	1158.60 11.17 1158.45
1159.95	9.00 +50	1158.82 11.17 1158.67
1160.12	9.00 +75	1158.99 11.17 1158.84
1160.17	9.00 +87.05	1159.04 11.17 1158.89
1160.10	9.00 426+00	1159.08 11.07 1158.93
1159.88	9.00 +25	1159.08 10.61 1158.93
1159.59	9.00 +50	1159.06 9.93 1158.95
1159.25	9.00 +75	1158.87 9.47 1158.72
1158.91	9.00 427+00	1158.75 9.17 1158.60
1158.57	9.00 +25	1158.62 9.02 1158.47
1158.41	9.00 +37.05	1158.56 9.00 1158.41

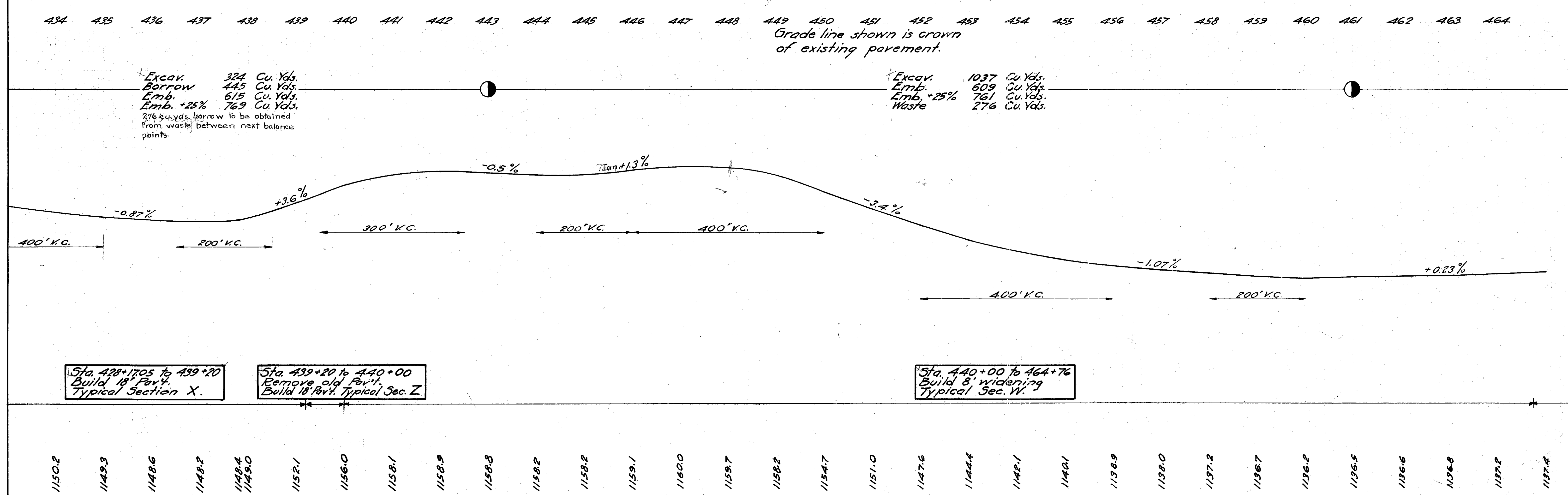
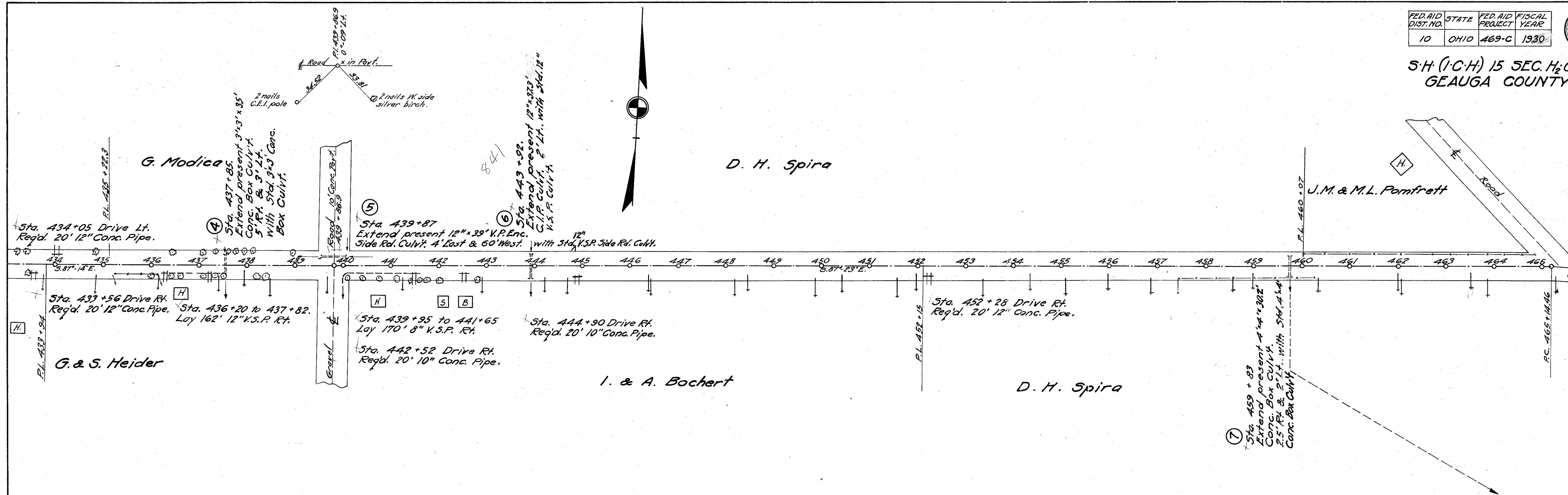
Extra Forement 43.5 Sq. Yds.



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4
19

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GEAUGA COUNTY.

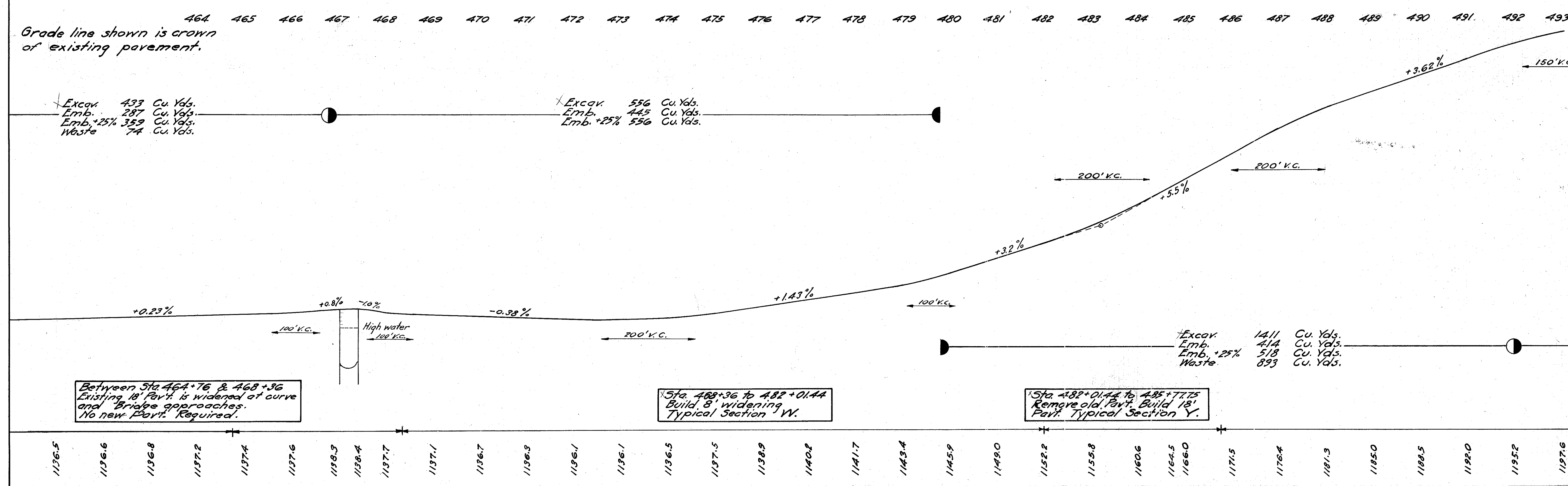
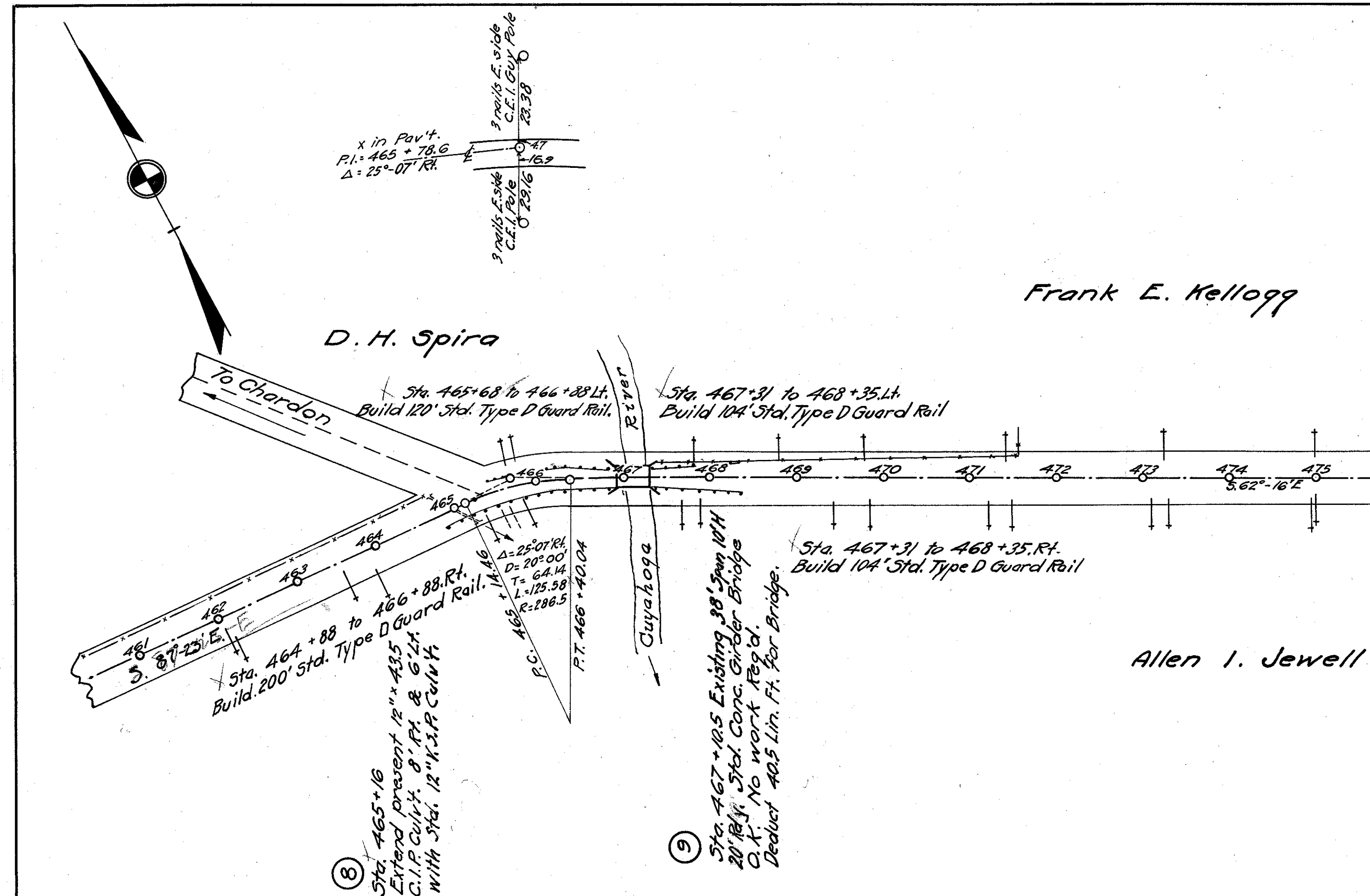
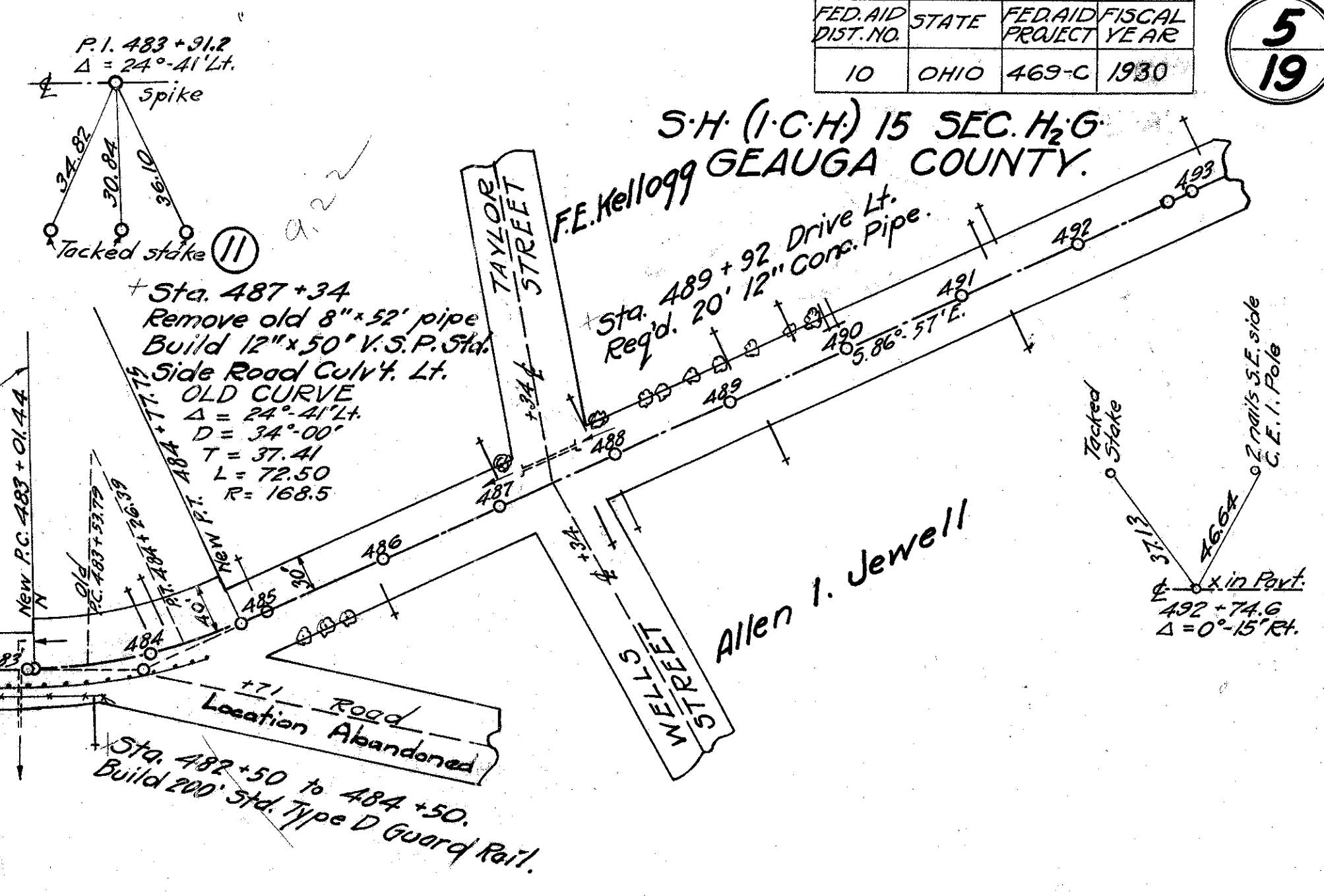


CURVE DATA STA. 482+01.44-485+77.75

Left				Right			
Edge of Pavt.	Width	Station	Grade Elev.	Edge of Pavt.	Width	Station	Grade Elev.
1151.90	9.00	482+01.44	1152.05	9.00	1151.90		
1152.71	9.15		1152.86	9.00	1152.92		
1153.54	9.37		1153.69	9.00	1154.07		
1154.44	10.30		1154.59	9.00	1155.24		
1155.43	11.34	483+01.44	1155.58	9.00	1156.49		
1156.49	12.18		1156.64	9.00	1157.81		
1157.62	12.50		1157.77	9.00	1159.21		
1158.75	12.50		1158.90	9.00	1160.24		
1160.02	12.50	484+00	1160.17	9.00	1161.61		
1161.50	12.50		1161.65	9.00	1163.09		
1162.88	12.18		1163.03	9.00	1164.20		
1164.25	11.34		1164.40	9.00	1165.31		
1165.63	10.30	485+01.44	1165.78	9.00	1166.43		
1167.00	9.15		1167.15	9.00	1167.53		
1168.38	9.15		1168.53	9.00	1168.65		
1169.75	9.00		1169.90	9.00	1169.72		

Extra Pavement 79.5 Sq. Yds.
Note 79.5 ÷ 2 = 39.75 Sq. Yds. R & L.

NEW CURVE
Δ = 24°-41' Lt.
D = 14°-00'
T = 89.76
L = 176.31
R = 410.28
E = 9.7



End Area		Cu. Yds.	
Cut	Fill	Cut	Fill

28	10	124	32
39	7	117	28
24	8	59	46
8	17	22	63
4	17	67	52
32	11	96	35
20	8	37	15
0	0		

Excav. 994
Emb. 725
Emb. 452
Emb. 594

404+34

FED. AID DIST. NO.	STATE	FED. AID PROJECT	FISCAL YEAR
10	OHIO	469-C	1939

8
19

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GEAUGA COUNTY.

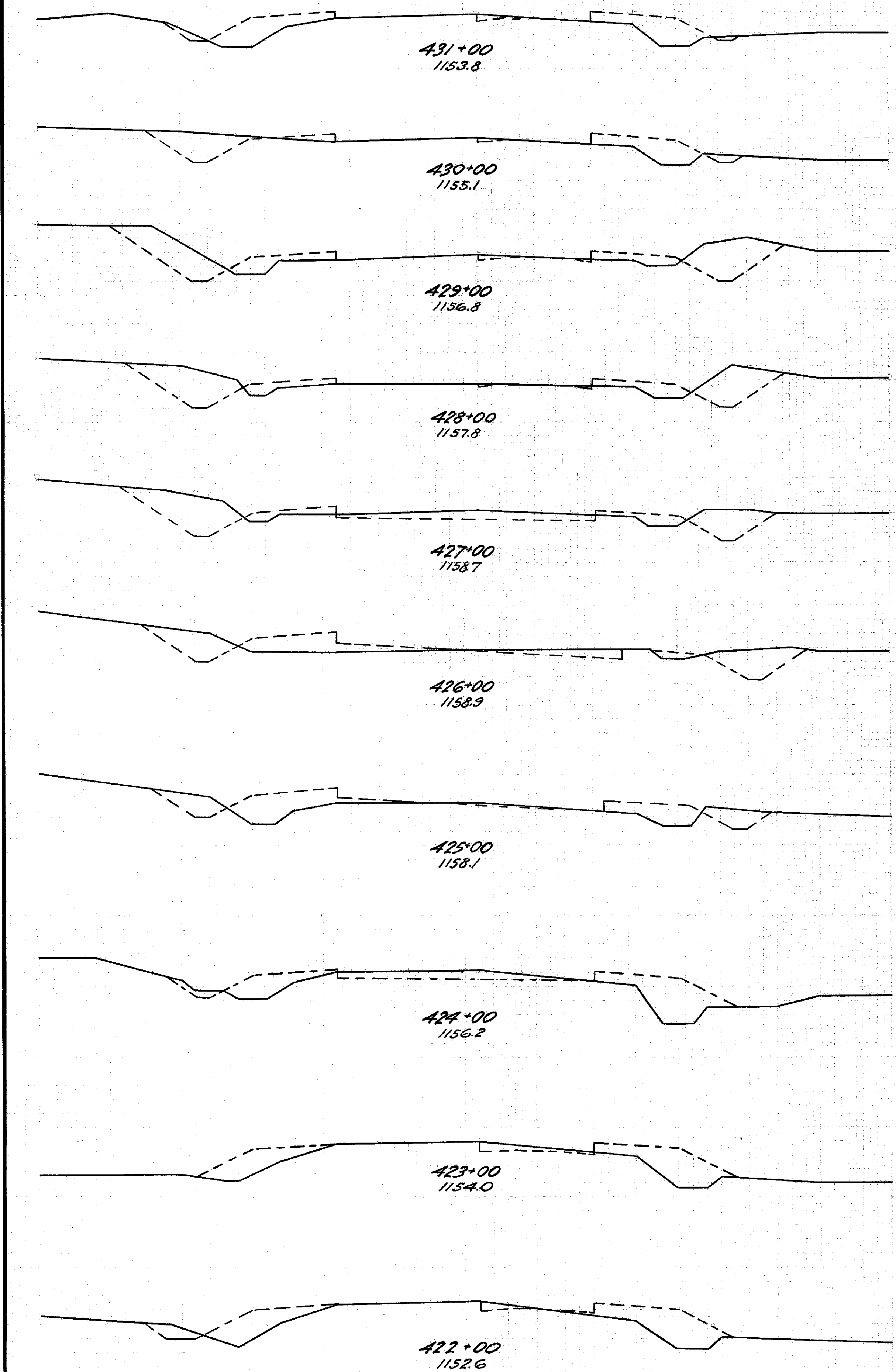
End Area		Cu. Yds.	
Cut	Fill	Cut	Fill

9	20		
		44	78
15	22		
		20	36
		50	91
		30	55
12	27		
		37	82
8	17		
		35	57
11	14		
		32	52
6	14		
		19	67
4	22		
		32	74
13	18		
		61	57
20	13		
		106	43
37	10		
		120	37

419+60

Sta 402+84 to 421+00.

30 25 20 15 10 5 0 5 10 15 20 25 30



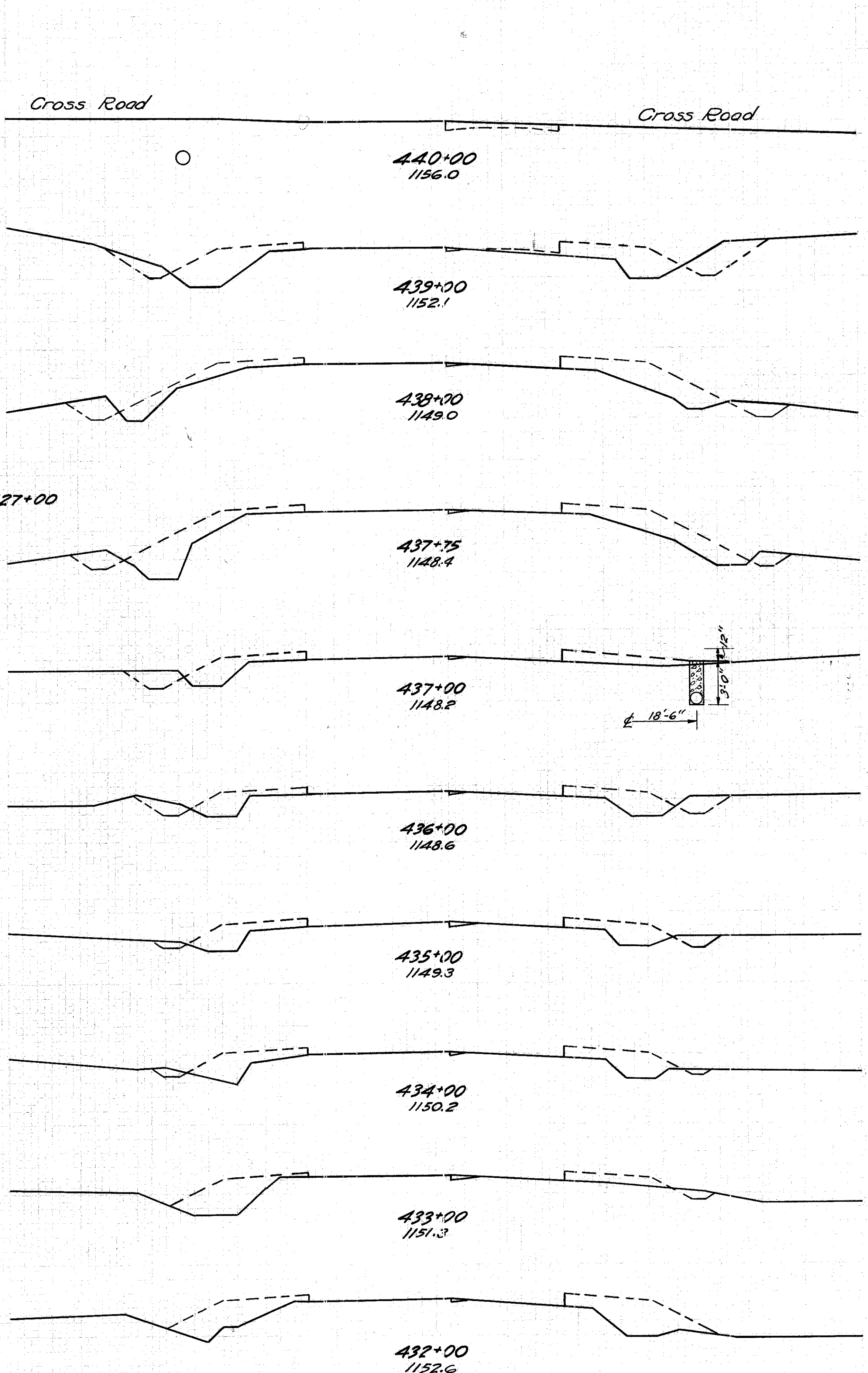
End Area		Cu. Yds.	
Cut	Fill	Cut	Fill
2	20		
		24	56
11	10		
		67	33
25	8		
		91	30
24	8		
		102	26
31	6		
		96	32
21	11		
		57	56
10	19		
		33	78
8	23		
		19	85
2	23		
		9	87
3	24		
		22	82

Excav. 288 Cu. Yds.
Embl. 231 Cu. Yds.
Embl. +25% 288 Cu. Yds.

Excav. 300 Cu. Yds.
Embl. 367 Cu. Yds.
Embl. +25% 460 Cu. Yds.

Excav. 300 Cu. Yds.
Embl. 367 Cu. Yds.
Embl. +25% 460 Cu. Yds.

30 25 20 15 10 5 0 5 10 15 20 25 30



End Area		Cu. Yds.	
Cut	Fill	Cut	Fill
3	0		
		22	44
9	24		
		30	89
7	24		
		6	25
5	31		
		11	63
3	14		
		15	56
5	16		
		13	59
2	16		
		7	65
2	19		
		6	69
1	18		
		2	87
0	29		
		0	5
		4	91
		4	86

Excav. 324 Cu. Yds.
Embl. 445 Cu. Yds.
Embl. +25% 556 Cu. Yds.

Sta. 431+95

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GEAUGA COUNTY.

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9
19

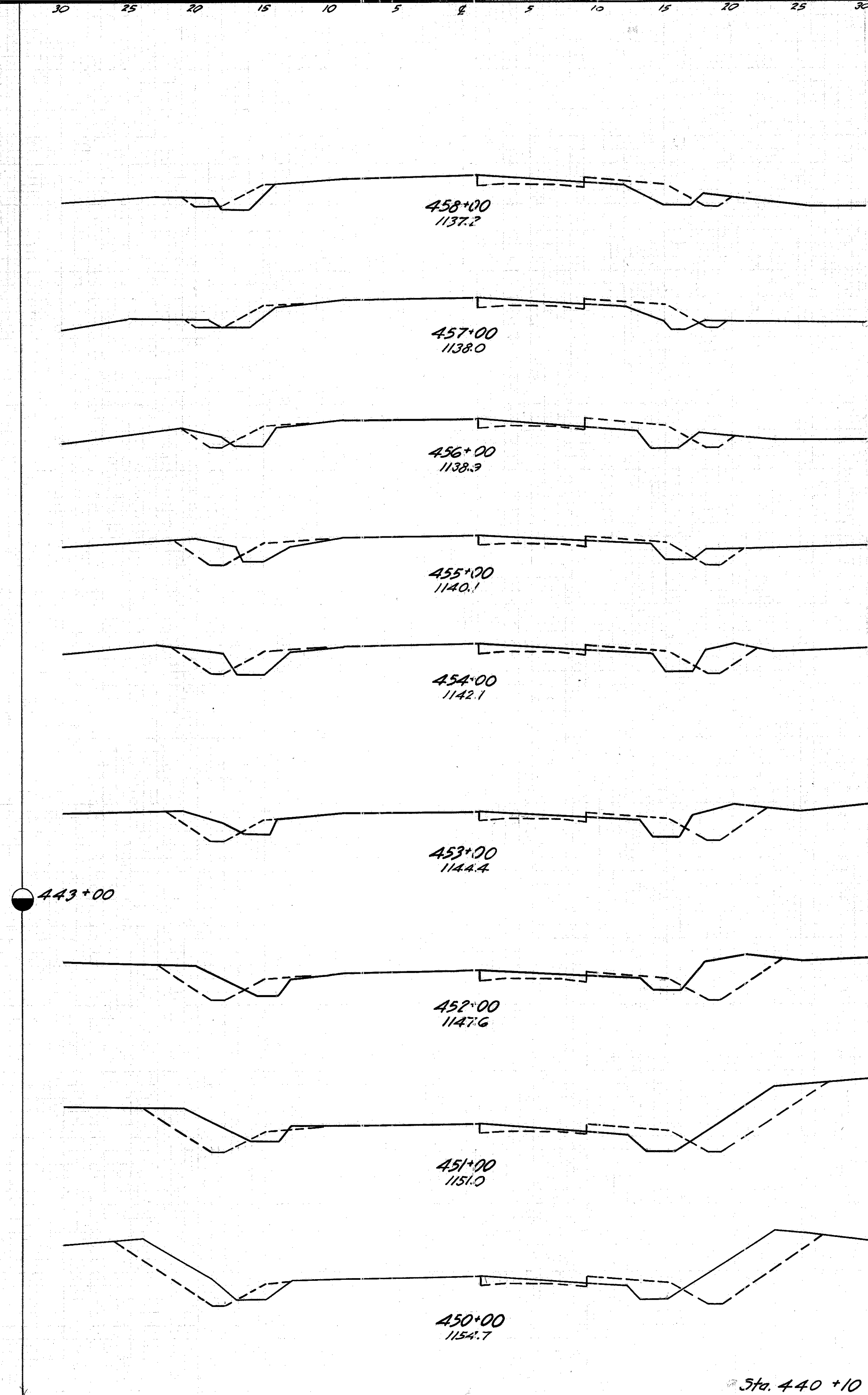
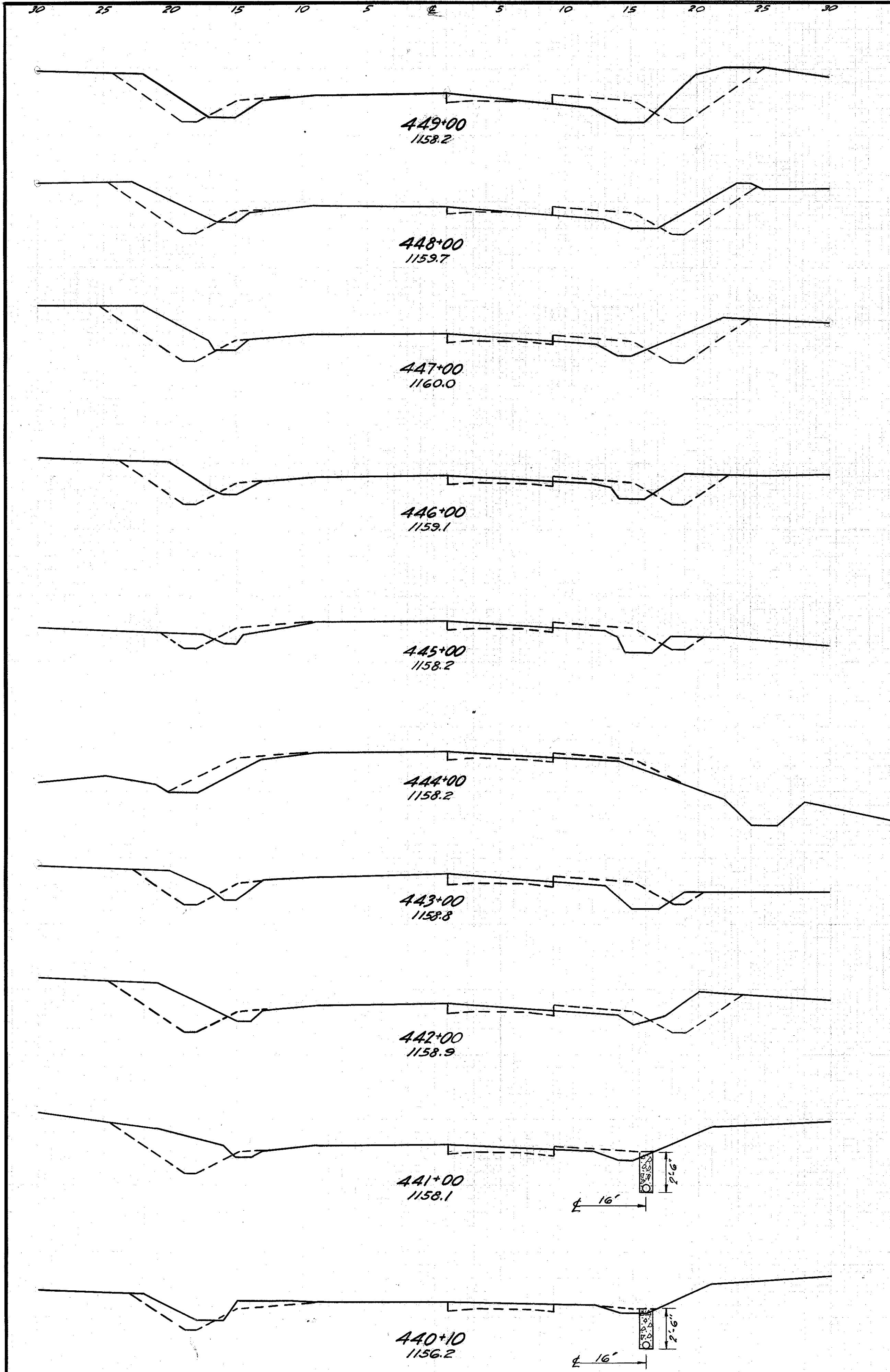
Sta. 422+00 to 440+00.

End Area		Cu. Yds.	
Cut	Fill	Cut	Fill
23	11	80	33
20	7	89	22
28	5	91	20
21	6	54	32
8	11	20	39
3	10	30	37
13	10	74	28
27	5	85	17
19	4	50	8
11	1	3	0

End Area		Cu. Yds.	
Cut	Fill	Cut	Fill
6	9	20	33
5	9	20	37
6	11	33	35
12	8	50	33
15	10	61	32
18	7	78	26
24	7	100	30
30	9	122	32
36	8	109	35

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Sta. 440 + 10 to 458 + 00.

Excav.
Emb.
Waste

1037 Cu. Yds.
609 Cu. Yds.
761 Cu. Yds.
276 Cu. Yds.

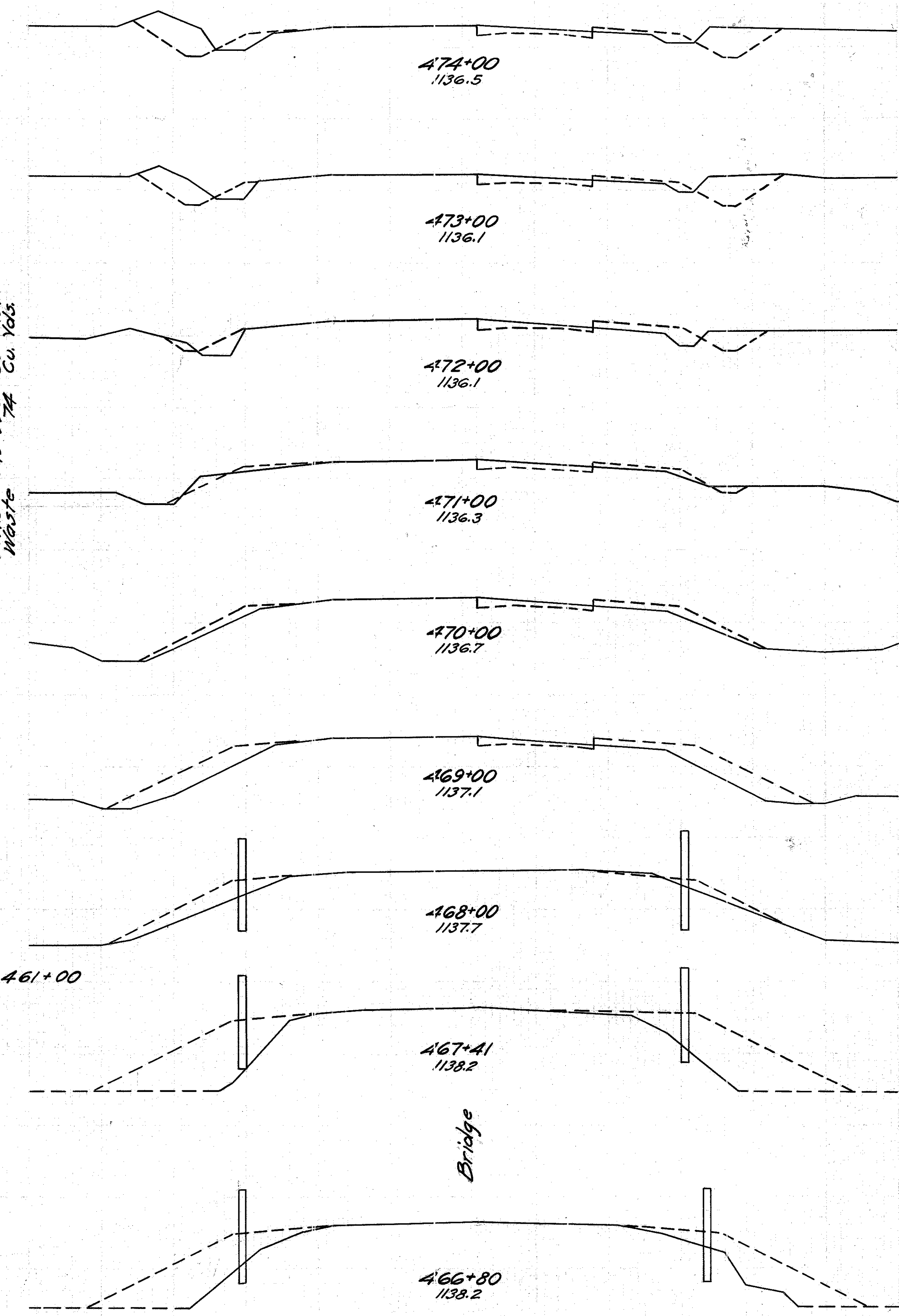
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End Area		Cu. Yds.	
Cut	Fill	Cut	Fill
		0	77
0	2	17	37
9	18	65	59
26	14	126	43
42	9	116	20
54	8	52	10
26	7	57	41
5	15	26	48
9	11	30	44
7	13	24	41

Excav. 433
Emb. 287
Emb. + 25% 359
Waste 74
Cu. Yds.
Cu. Yds.
Cu. Yds.
Cu. Yds.

461+00

30 25 20 15 10 5 0 5 10 15 20 25 30



Sta. 459 + 00 to 474 + 00

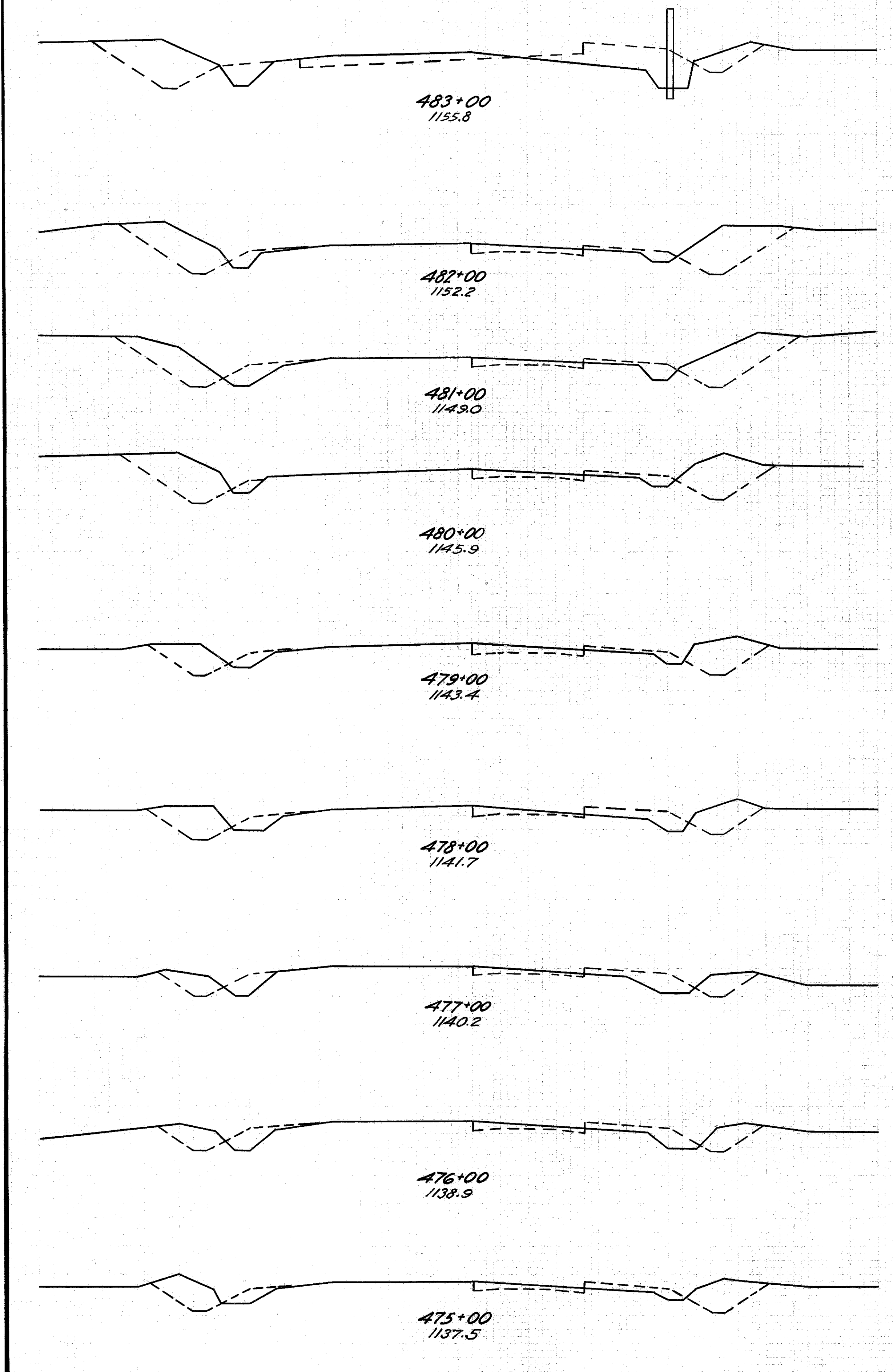
End Area		Cu. Yds.	
Cut	Fill	Cut	Fill
20	5	69	17
17	4	46	19
8	6	26	17
6	3	17	22
3	9	11	65
3	26	6	72
0	13	0	89
0	68	0	50

Excav. 556
Emb. 445
Emb. + 25% 556
Cu. Yds.
Cu. Yds.
Cu. Yds.

Bridge

466+80

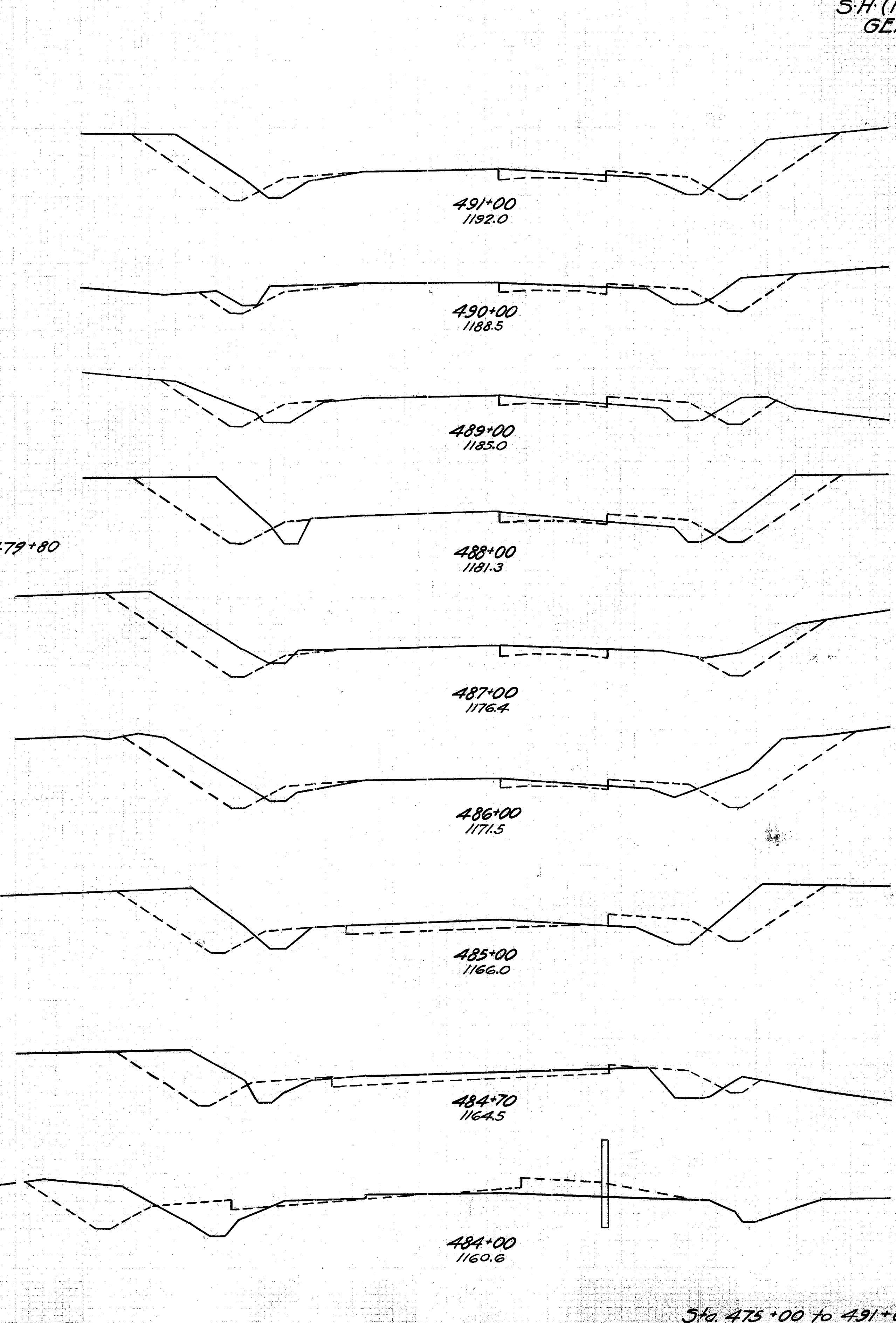
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End Area		Cu. Yds.	
Cut	Fill	Cut	Fill
29	21		
		117	48
34	5		
		119	24
30	8		
		113	22
31	4		
		19	3
		96	15
		77	12
21	4		
		76	22
20	8		
		57	32
11	9		
		44	33
13	9		
		57	26
18	5		
		70	19

479+80

35 30 25 20 15 10 5 0 5 10 15 20 25



End Area		Cu. Yds.	
Cut	Fill	Cut	Fill
36	9		
		96	26
16	5		
		57	28
15	10		
		104	33
41	8		
		148	17
39	1		
		143	15
38	7		
		165	37
51	13		
		47	14
33	12		
		65	43
17	21		
		85	78

Sta. 475+00 to 491+00

FED. AID DIST. NO.
10

STATE
OHIO

FED. AID PROJECT YEAR
469-C 1930

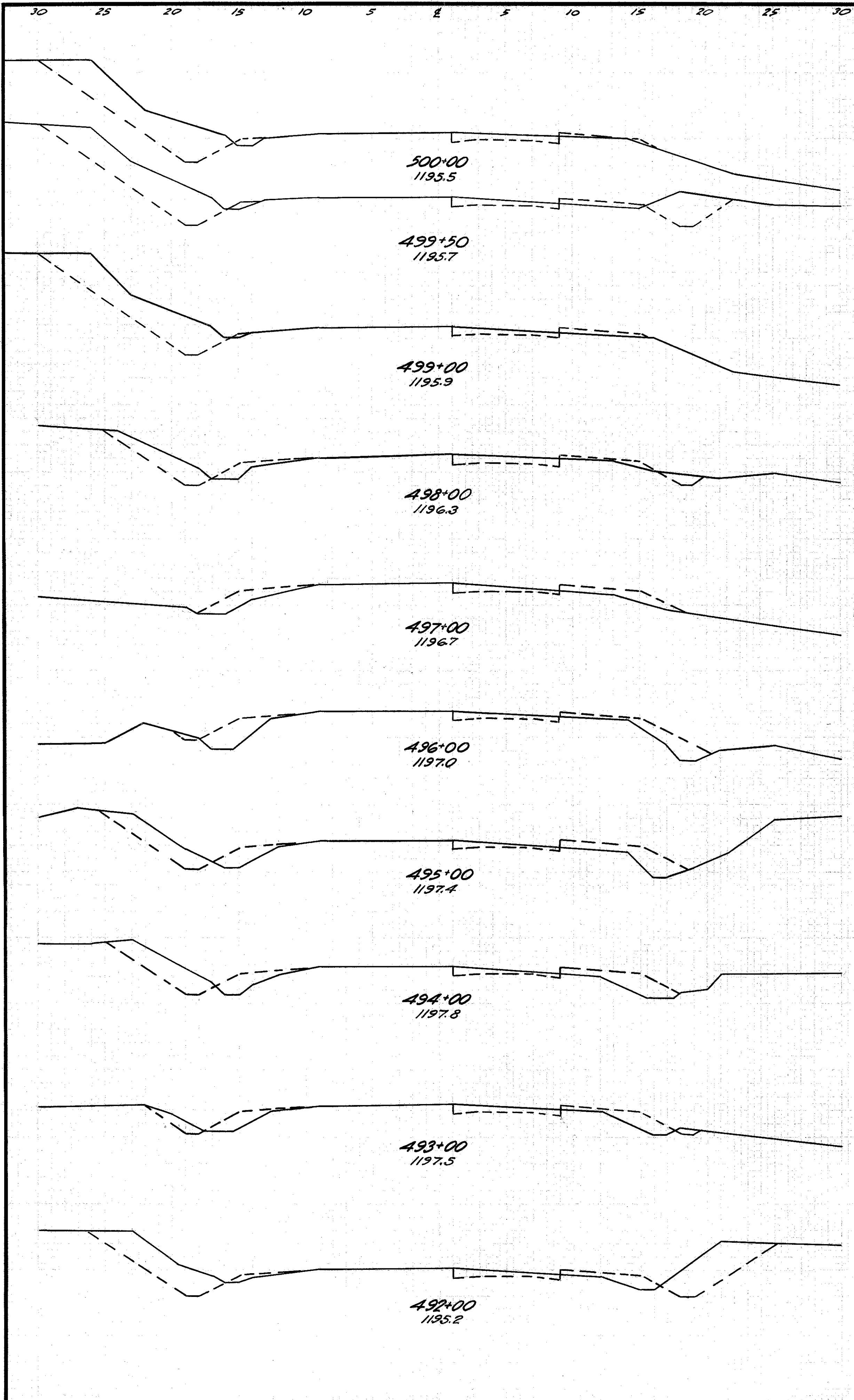
12
19

S.H. (1:CH) 15 SEC. H₂O
GEAUGA COUNTY.

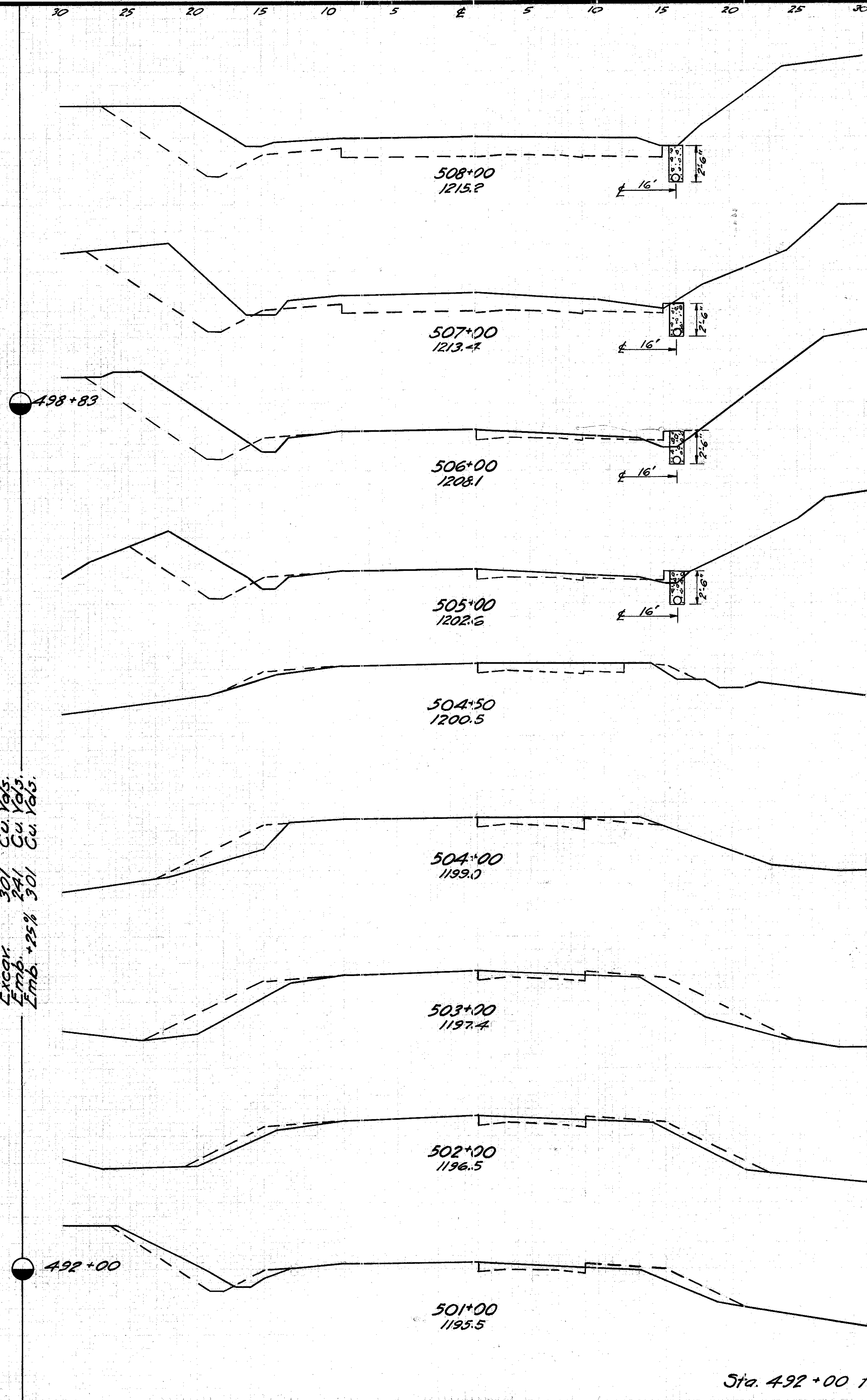
Excav.
Emb.
Emb. + 25%
Waste

141
414
518
893

Cu. Yds.
Cu. Yds.
Cu. Yds.
Cu. Yds.



End Area		Cu. Yds.	
Cut	Fill	Cut	Fill
32	2	67	4
40	2	67	4
32	2	14	2
		85	11
		71	9
14	4	32	24
3	9	11	43
3	14	28	48
12	12	46	46
13	13	35	43
6	10	78	28
36	5	133	26



End Area		Cu. Yds.	
Cut	Fill	Cut	Fill
68	0	248	2
66	1	187	9
35	4	111	13
25	3	31	6
8	3	12	12
5	10	15	61
3	23	11	59
3	9	26	33
11	9	80	20

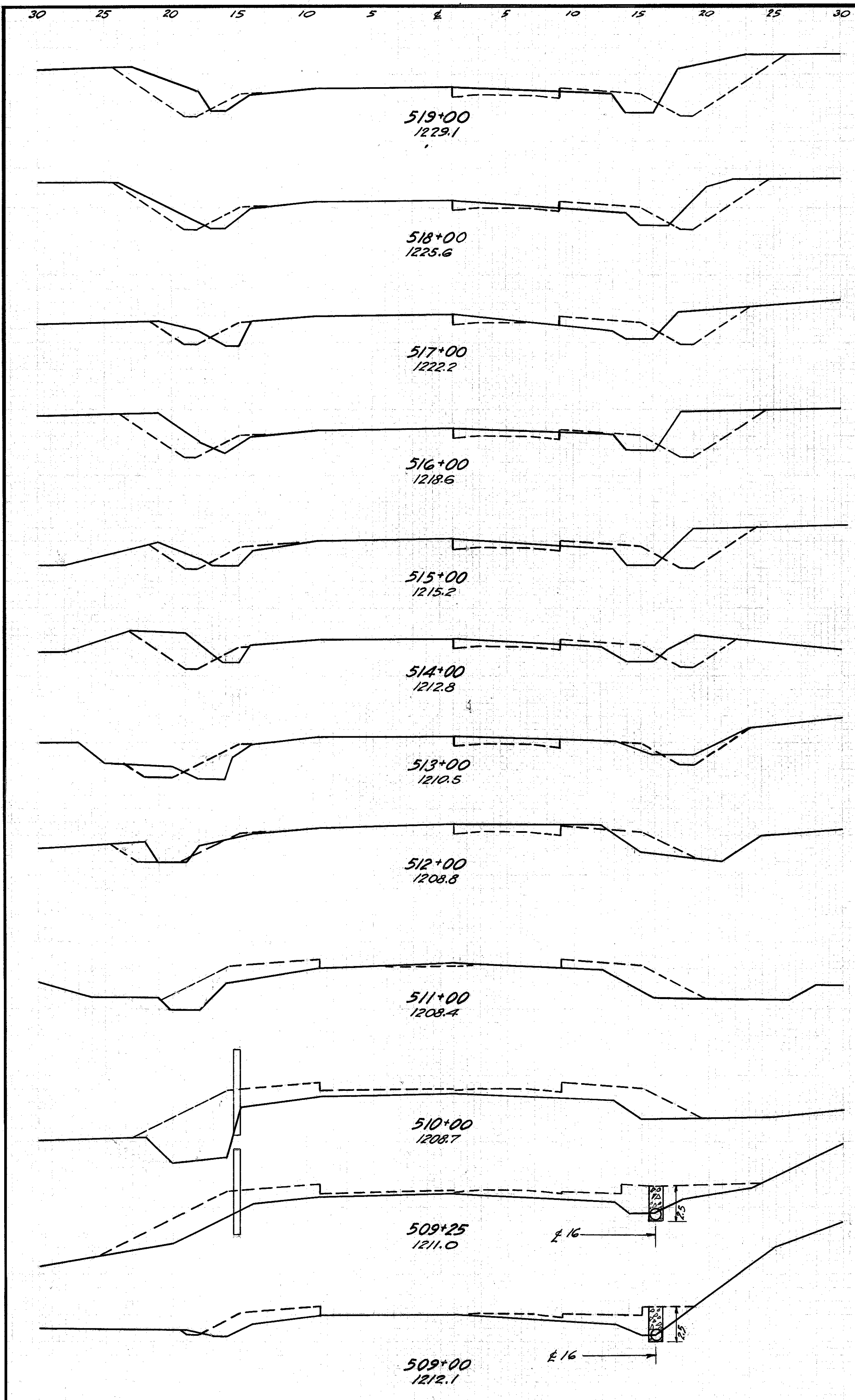
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GEAUGA COUNTY.

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10	OHIO	469-C	1930

Sta. 492+00 to 508+00.

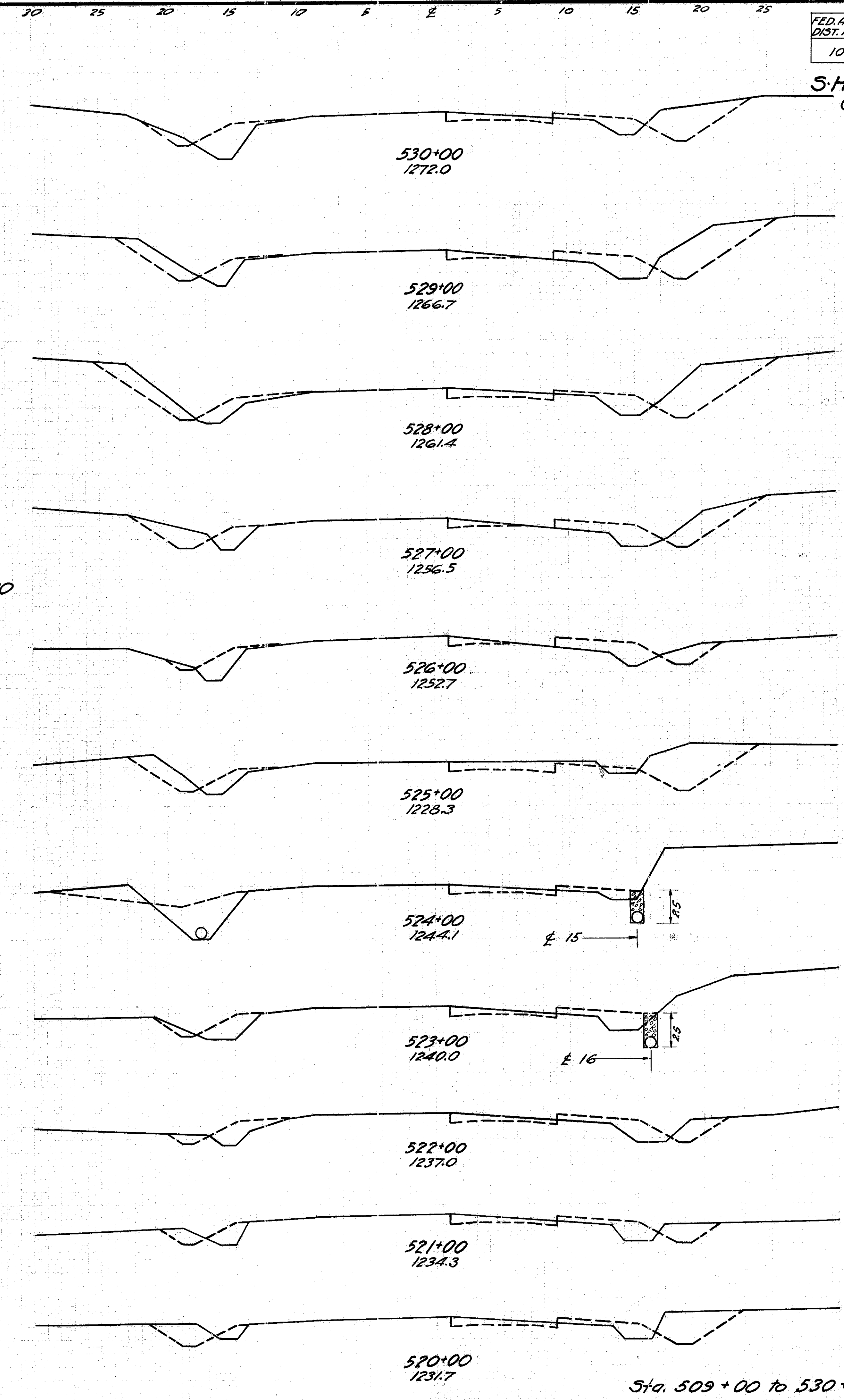
Excav. 301 Cu. Yds.
Emb. 241 Cu. Yds.
Emb. +25% 301 Cu. Yds.

Excav. 621 Cu. Yds.
Emb. 223 Cu. Yds.
Emb. +25% 279 Cu. Yds.
Waste 342 Cu. Yds.



End Area		Cu. Yds.	
Cut	Fill	Cut	Fill
34	5		
		96	22
18	7		
		63	33
16	11		
		82	26
28	3		
		83	20
17	8		
		48	18
		69	26
		21	8
20	6		
		54	20
9	5		
		32	19
8	5		
		15	54
0	24		
		0	120
0	41		
		0	115
0	42		
		0	27
0	17		
		126	32

Excav. 496
 Emb. 397
 Emb. +25% 496

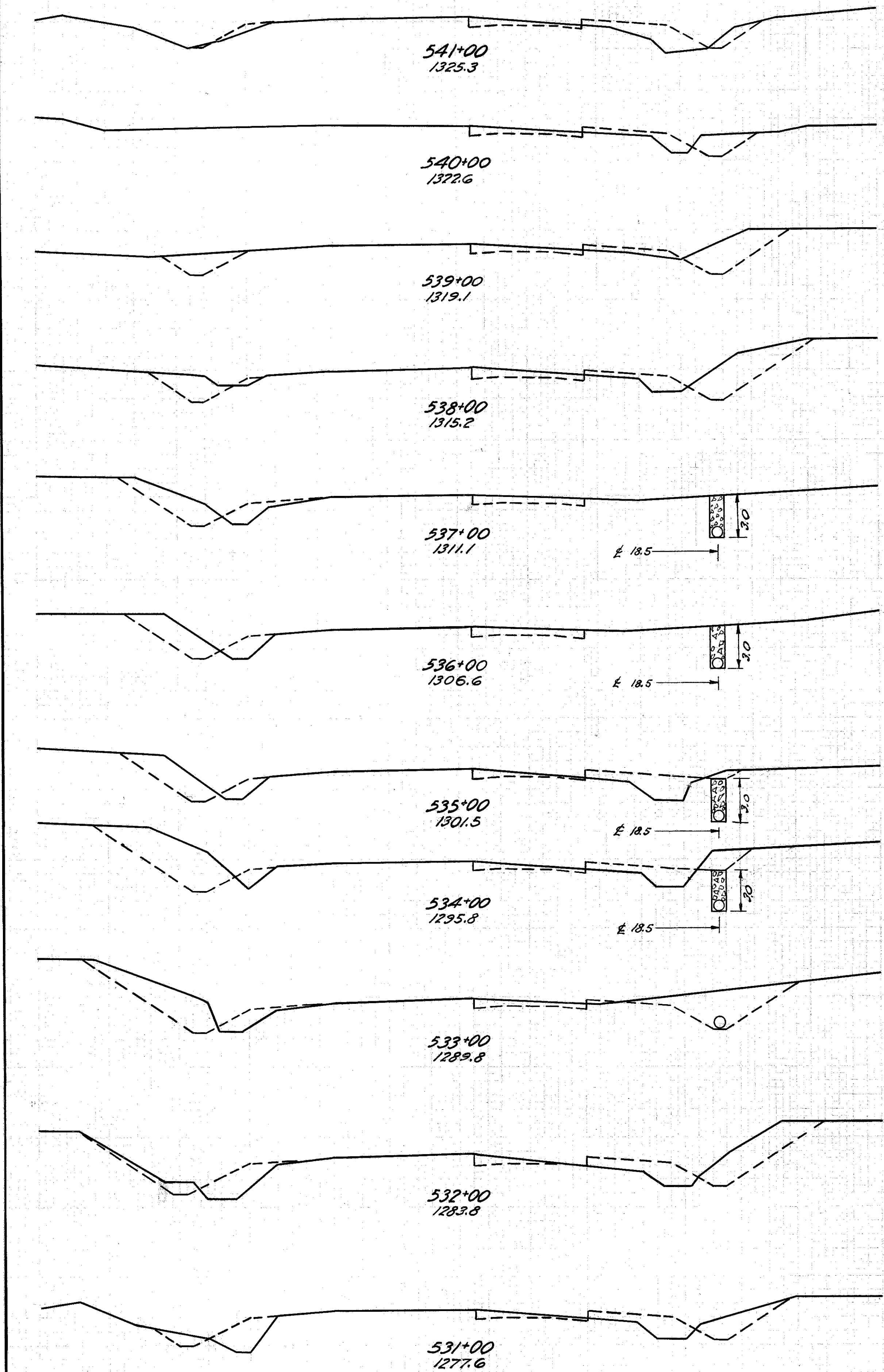


End Area		Cu. Yds.	
Cut	Fill	Cut	Fill
15	12		
		67	44
21	12		
		94	41
30	10		
		83	39
15	11		
		56	44
5	13		
		63	32
29	4		
		69	35
8	15		
		22	48
4	11		
		20	41
7	11		
		32	35
10	8		
		52	24
18	5		
		96	19

Excav. 855
 Emb. 436
 Emb. +25% 855
 Waste 320

Sta. 509+00 to 530+00.

30 25 20 15 10 5 0 5 10 15 20 25 30

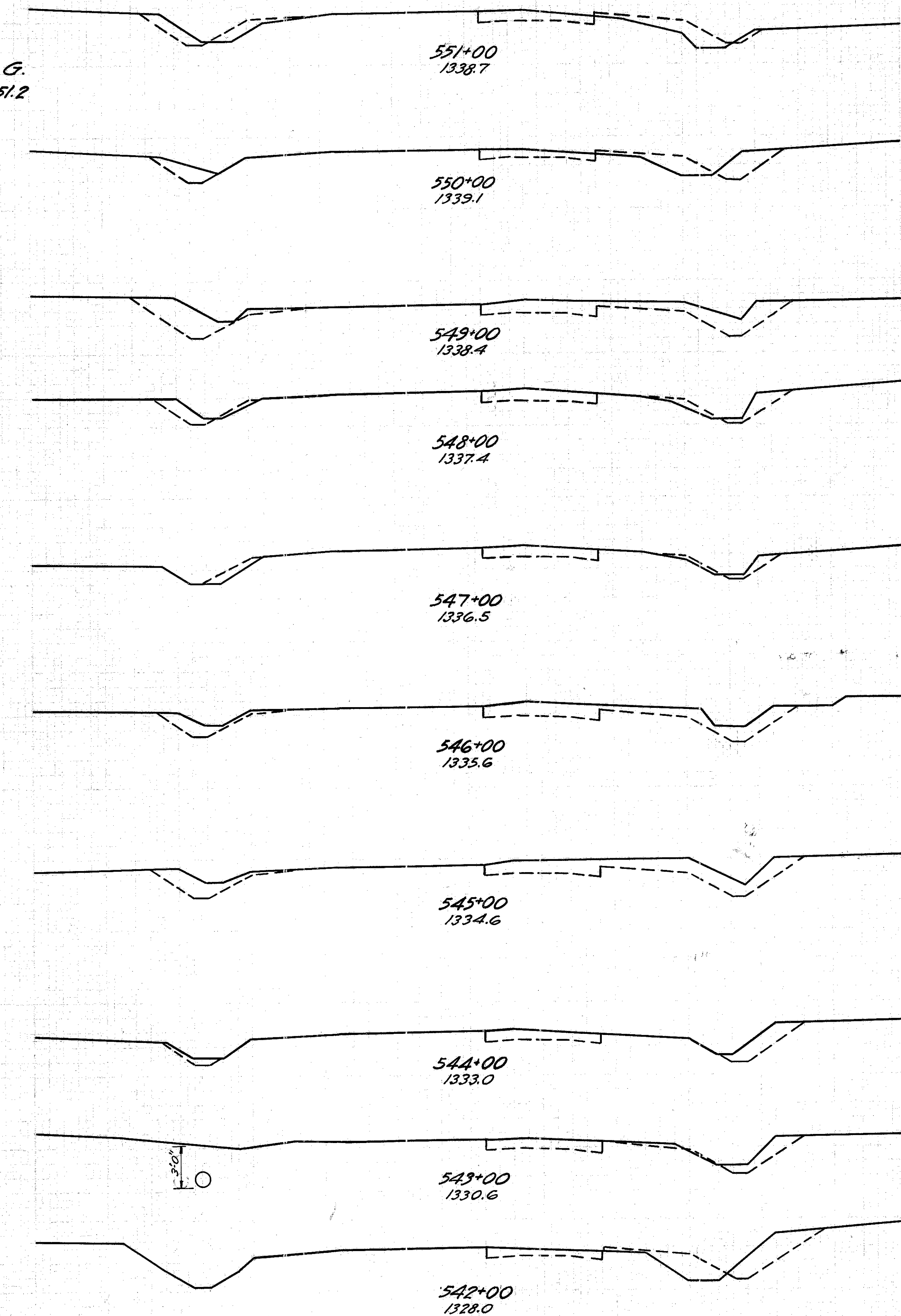


End Area		Cu. Yds.	
Cut	Fill	Cut	Fill
5	9		
		22	24
7	4		
		24	6
		50	13
		26	7
20	3		
		82	13
24	4		
		67	15
12	4		
		44	13
12	3		
		56	24
18	10		
		98	33
35	8		
		128	22
34	4		
		98	37
19	16		
		54	54
10	13		
		46	46

End Sec. G.
539+51.2

Excav.
Emb.
Waste
860 Cu. Yds.
349 Cu. Yds.
436 Cu. Yds.
424 Cu. Yds.

30 25 20 15 10 5 0 5 10 15 20 25 30



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19

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GEAUGA COUNTY.

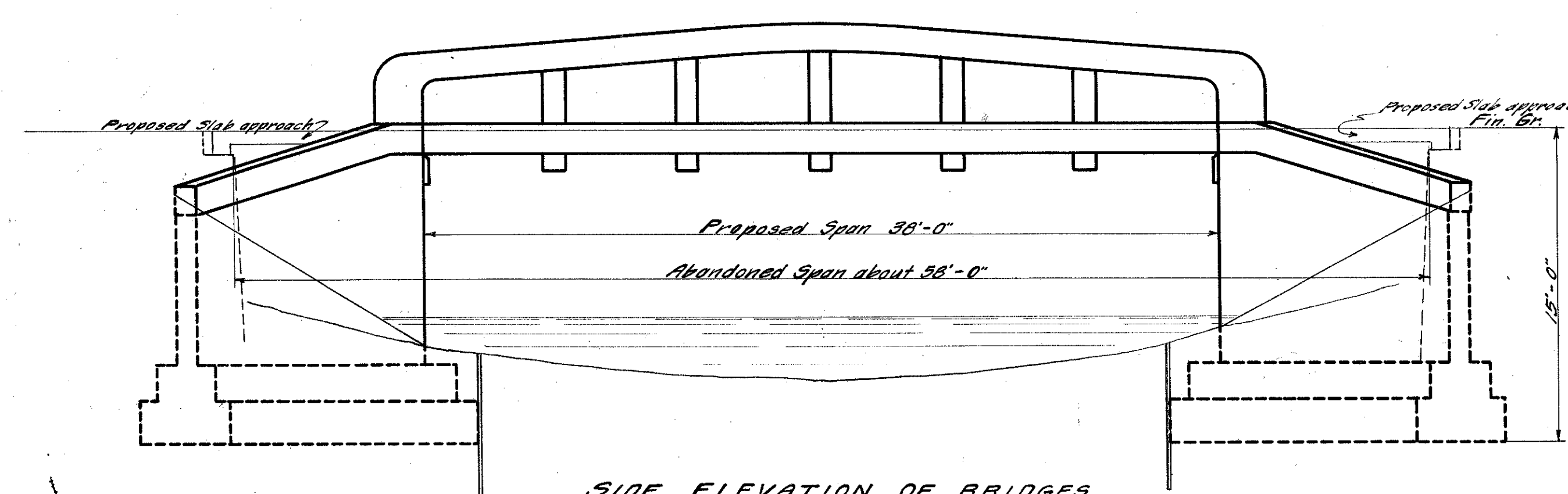
End Area		Cu. Yds.	
Cut	Fill	Cut	Fill
8	9		
		37	26
12	5		
		72	9
27	0		
		69	2
10	1		
		32	6
7	2		
		50	4
20	0		
		85	0
26	0		
		69	0
11	0		
		39	0
10	0		
		41	11
12	6		
		32	28

Sta. 531+00 to 539+51.2

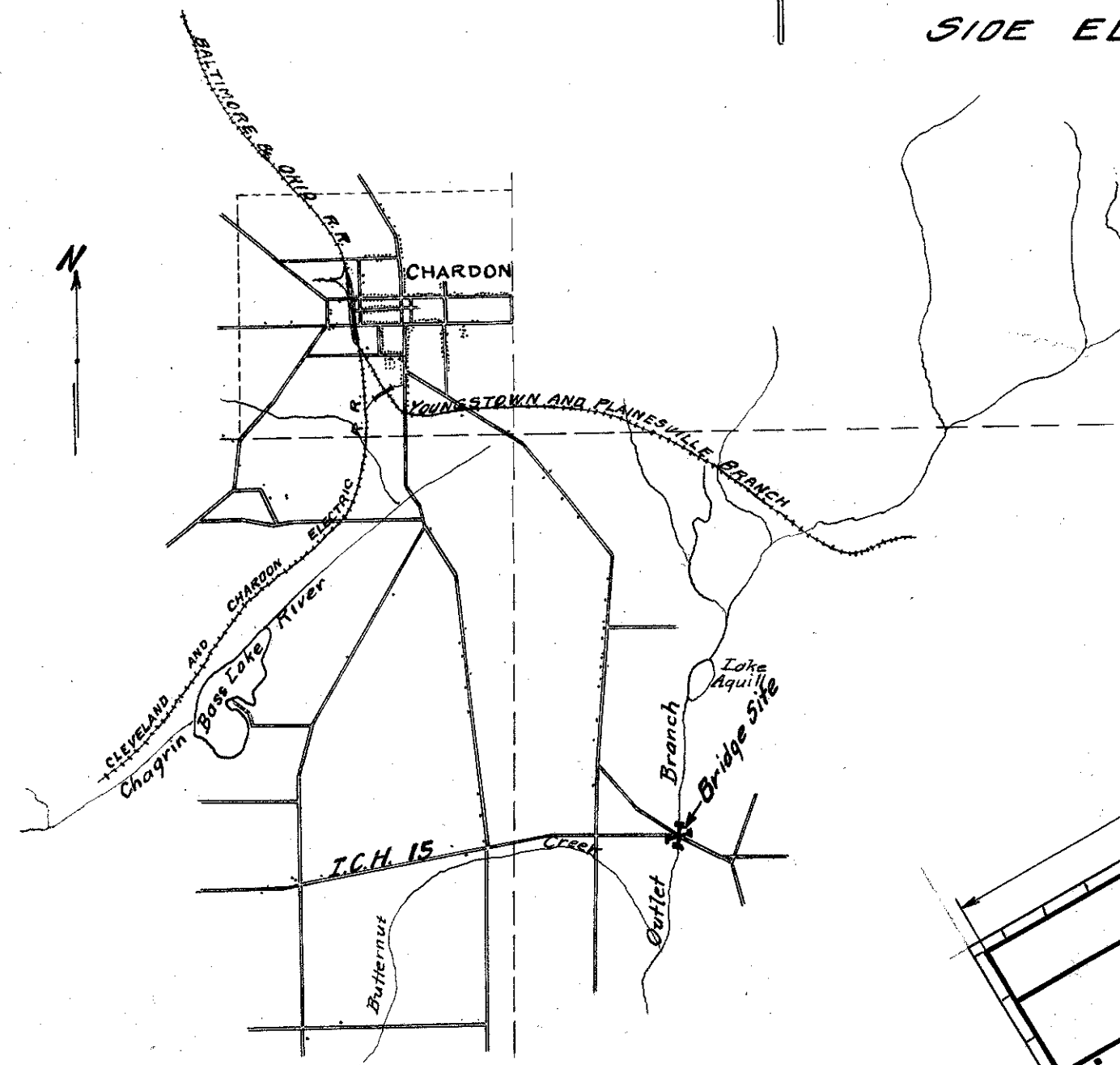
GEAUGA I.C.H. 15
BRIDGE ON SEC. 6
OVER
GUYAHOGA BRANCH
NEAR STA. 27
P.E.T. NO 4089

Work to be governed by
State Highway Specification 1919.

For Superstructure see
accompanying blue print of Concrete
Girder 38' x 20'.

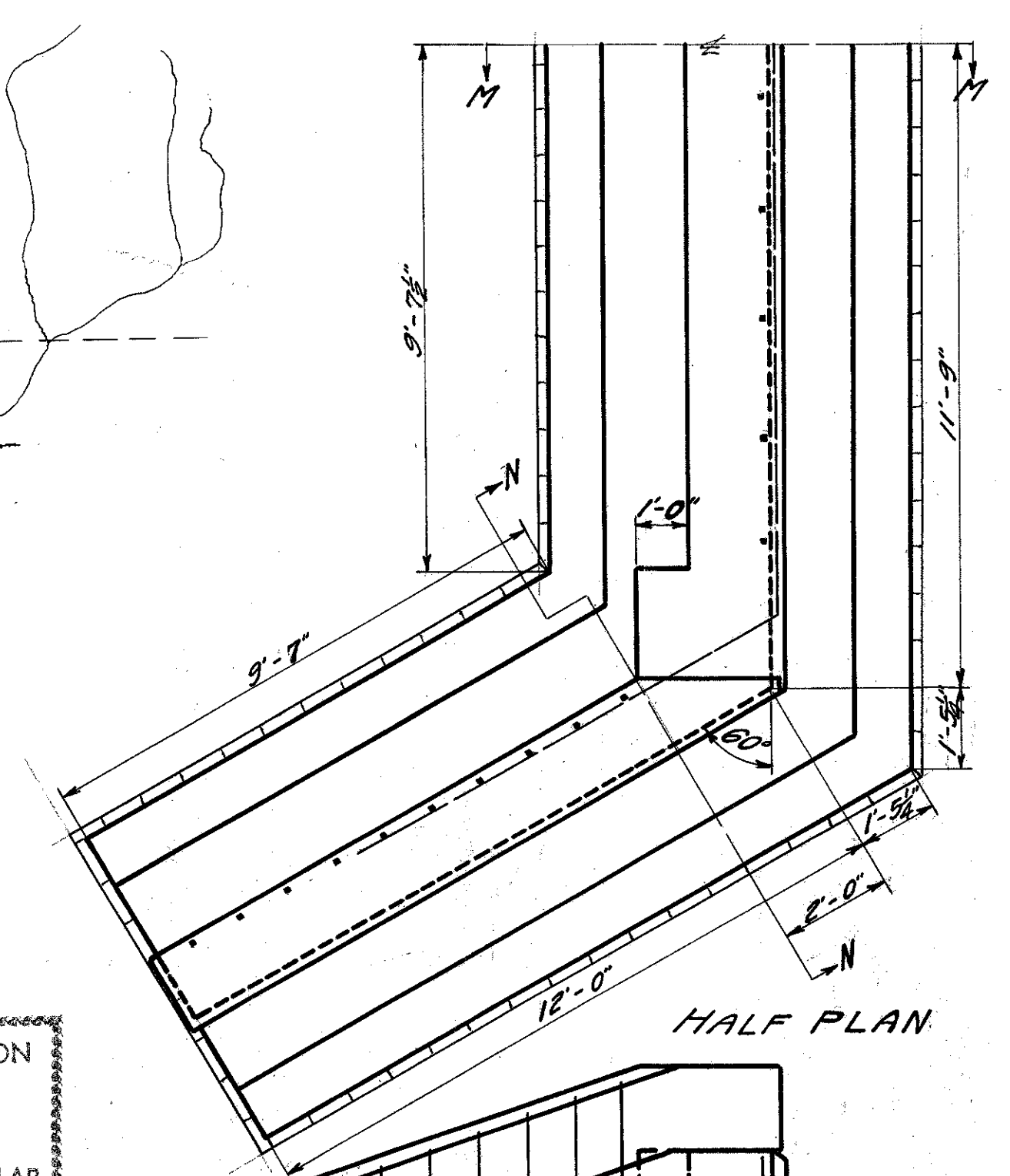


SIDE ELEVATION OF BRIDGES

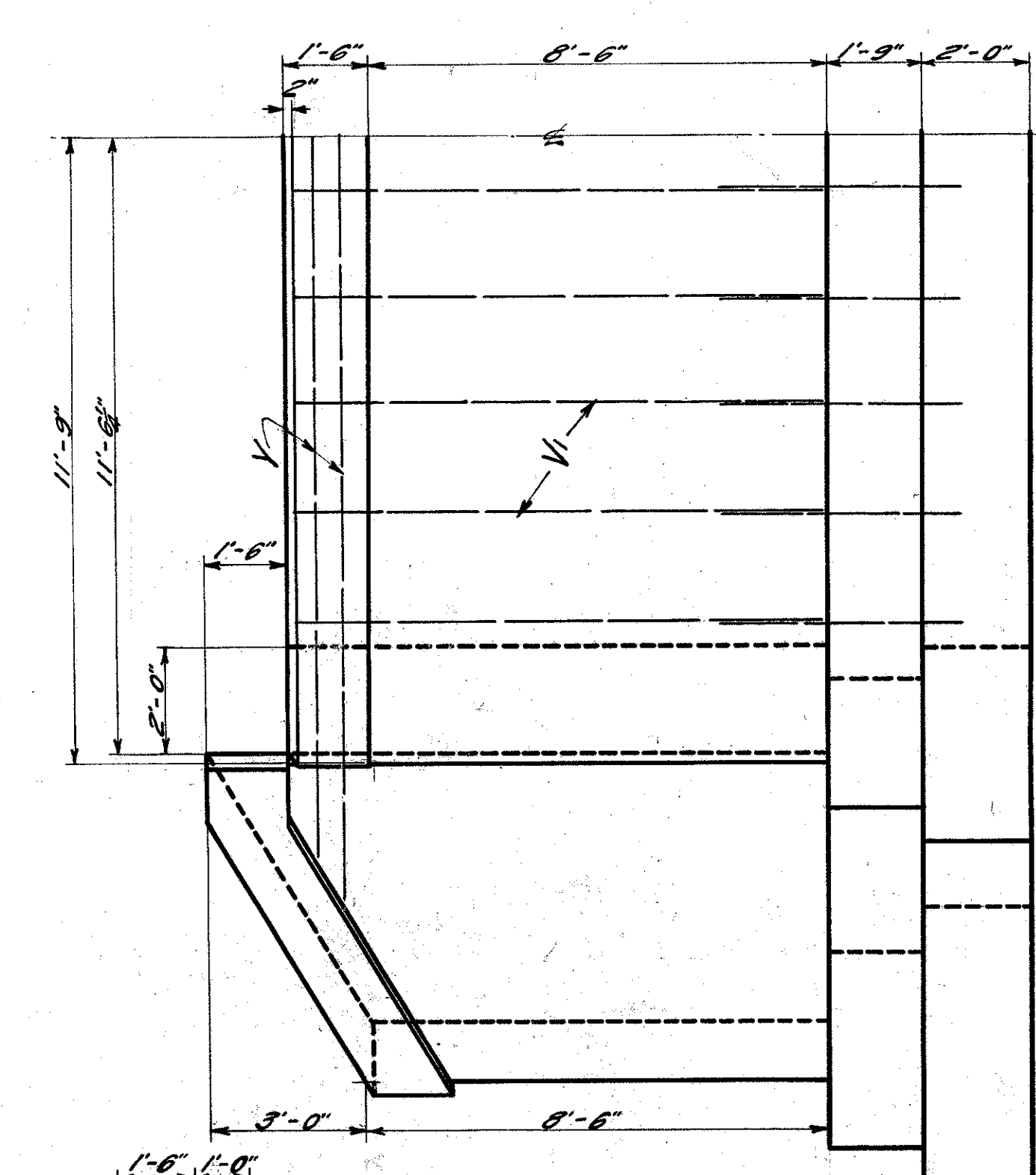


LOCATION SKETCH

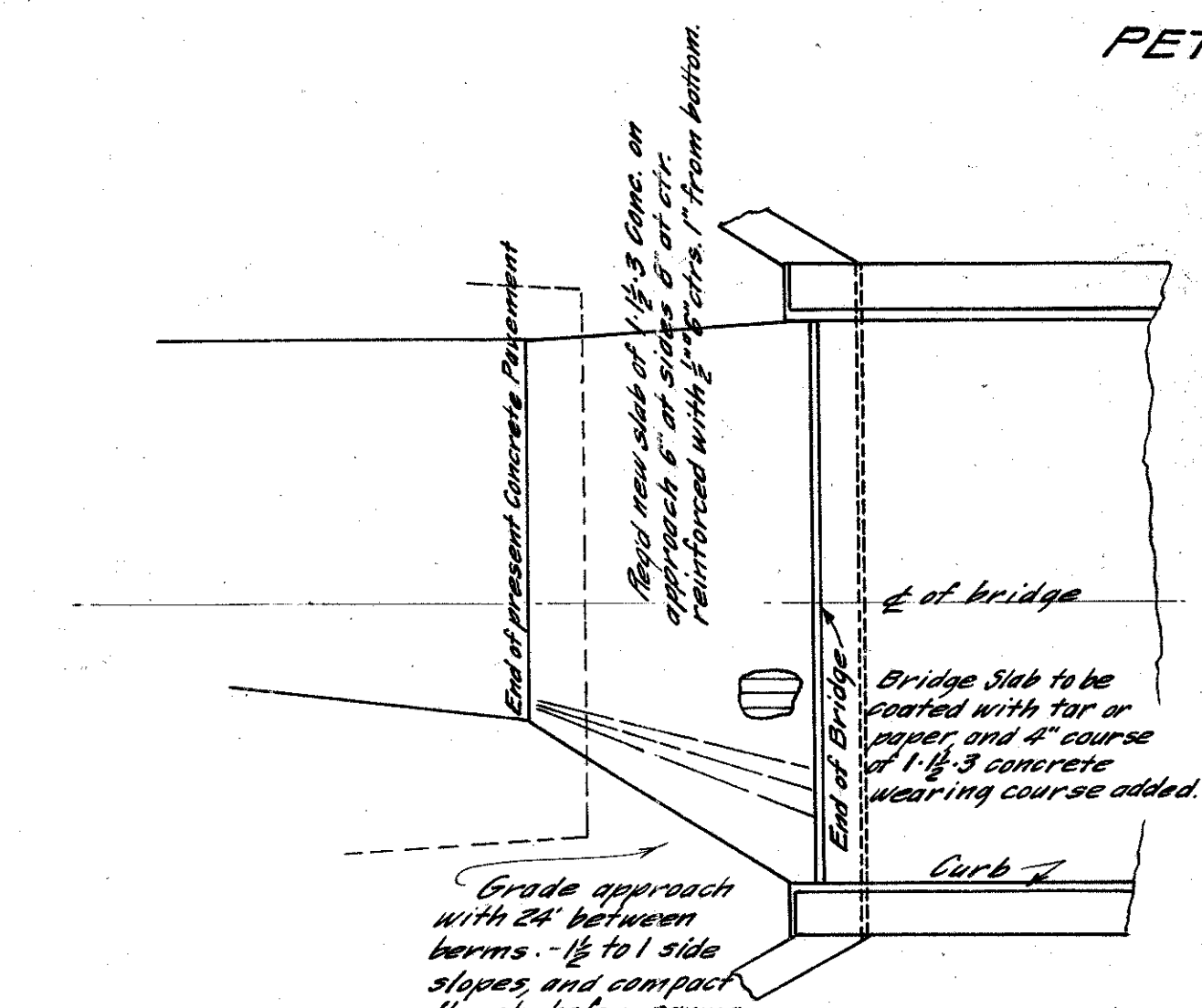
CONSTRUCTION
BUREAU
APR 4 1956
GROUND PHOTO LAB



HALF PLAN



HALF FRONT ELEVATION



PLAN OF APPROACH

Estimated Quantities
(Substructure & approaches)

Excavation	180.0 Cu. Yd.
Embankment Fill	24.0 Cu. Yd.
Concrete 1-1/2" 3 (includes bridge pavement)	17.3 Cu. Yd.
" 1-2" 4	56.0 Cu. Yd.
" 1-2" 5	70.0 Cu. Yd.
Steel Reinforcing	1800 Lb.
Sheet piling left in place	2000 S.M.
Superstructure	
Concrete 1-2" 4	4.9 Cu. Yd.
Steel Reinforcing	10350 Lb.
Removal of old steel in bridge	

I hereby declare that the making of the improvement will not require the closing to traffic of the road; a temporary bridge being provided.

Approved: B. P. Kenney 7/24 1920
County Surveyor

J. F. Richards 7/19 1920
Division Engineer

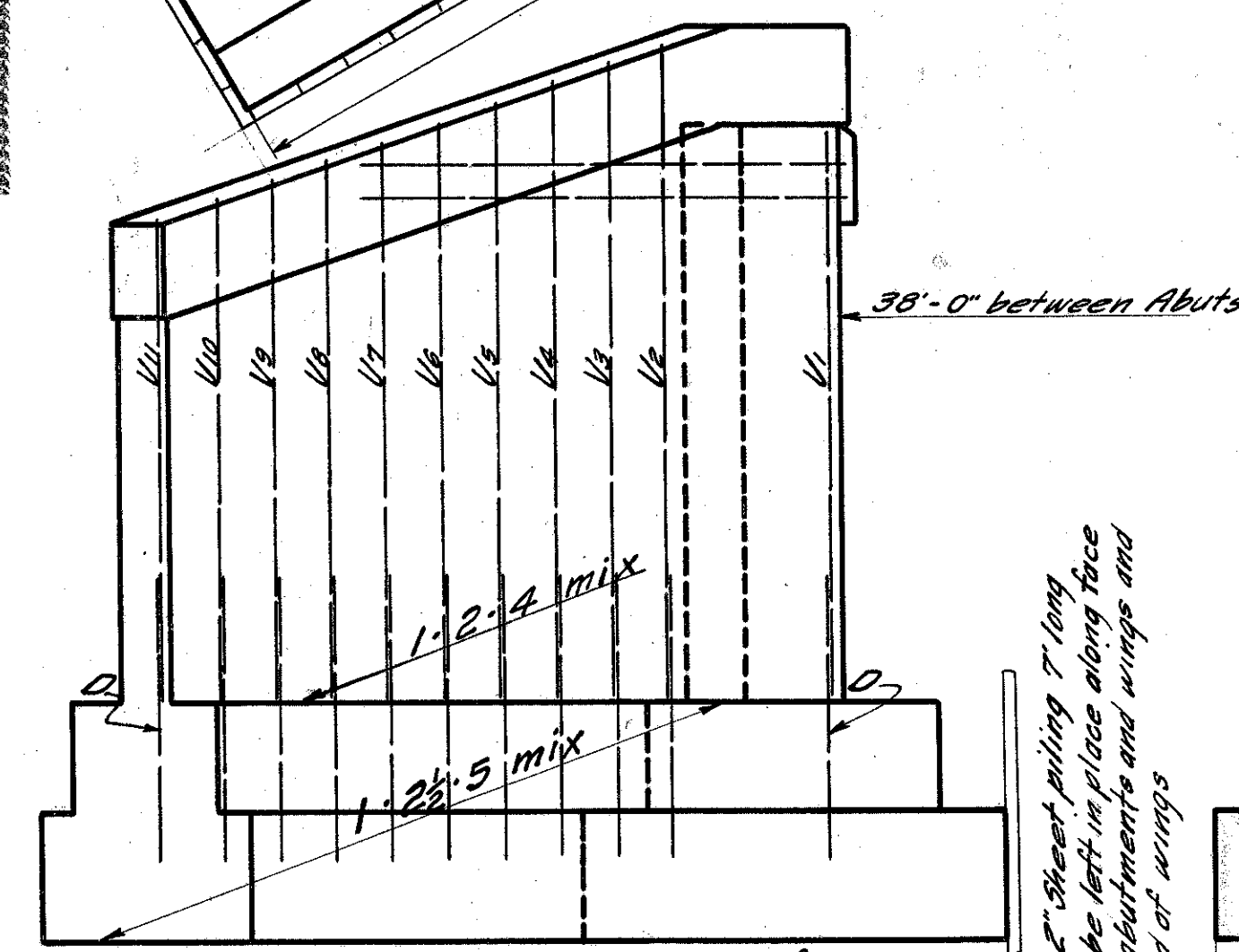
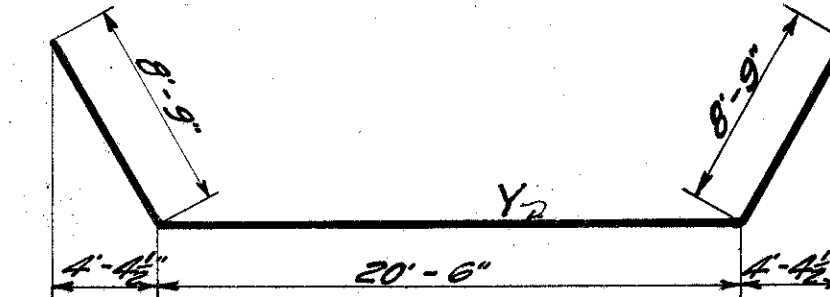
Chas. Ash 7/19 1920
Deputy of Bridges

A. R. Taylor 7/19 1920
State Highway Commissioner

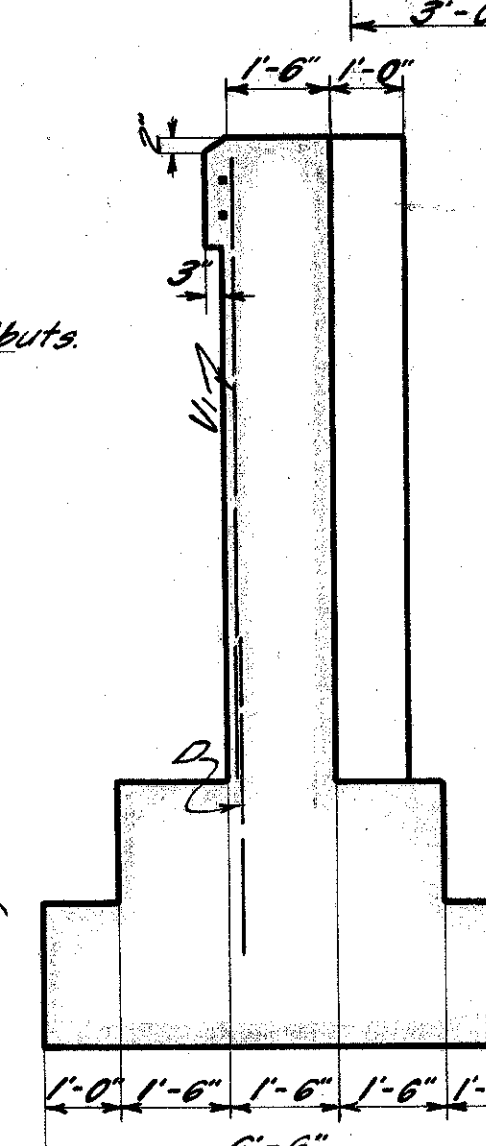
STEEL LIST
(2 Abutments)

Letter	Size	Length	Ent. St.	Spacing	No.
D	2"	4'-6"	St.	5' P.B. 1/2"	60
V1	"	9'-9"	"	2'-0"	20
V2	"	11'-0"	"	1'-0"	4
V3	"	10'-8"	"	"	4
V4	"	10'-8"	"	"	4
V5	"	10'-0"	"	"	4
V6	"	9'-8"	"	"	4
V7	"	9'-4"	"	"	4
V8	"	9'-0"	"	"	4
V9	"	8'-8"	"	"	4
V10	"	8'-4"	"	"	4
V11	"	8'-0"	"	"	4
Y	1"	38'-0"	8ht.	6"	4

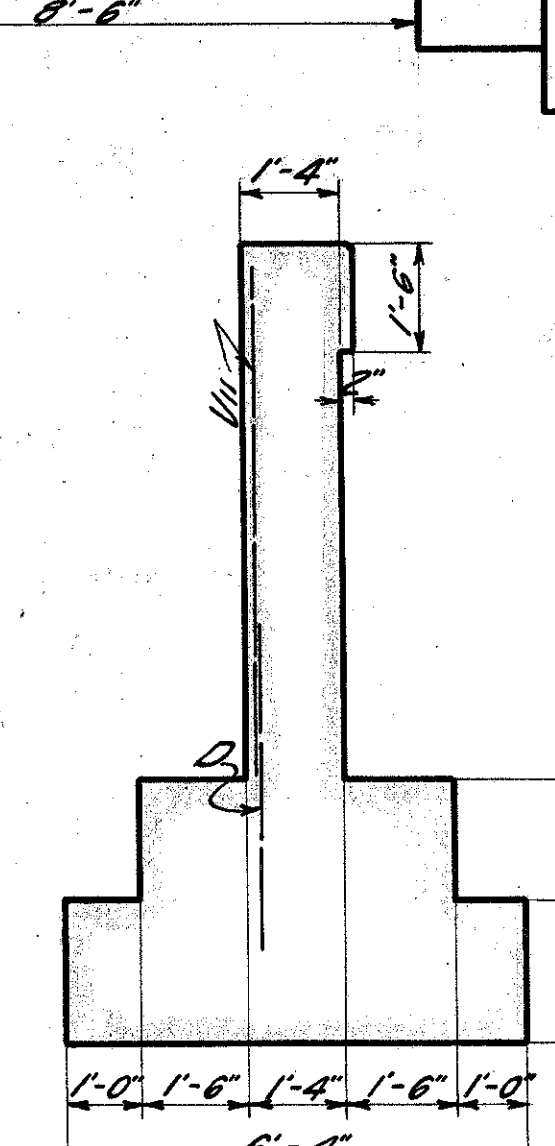
Steel for approach pavement not listed on account of uncertain lengths.



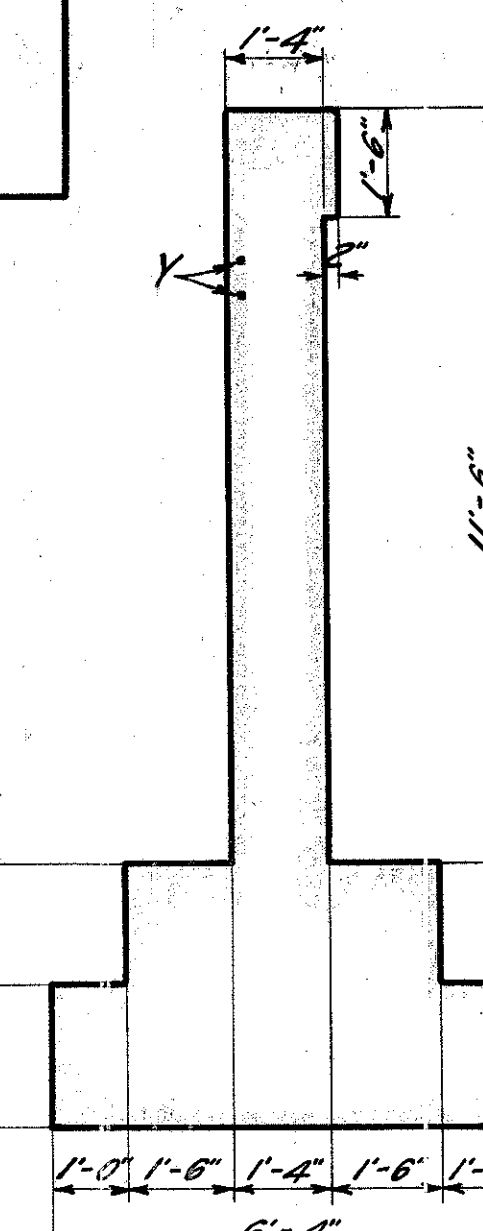
SIDE ELEVATION OF ABUT



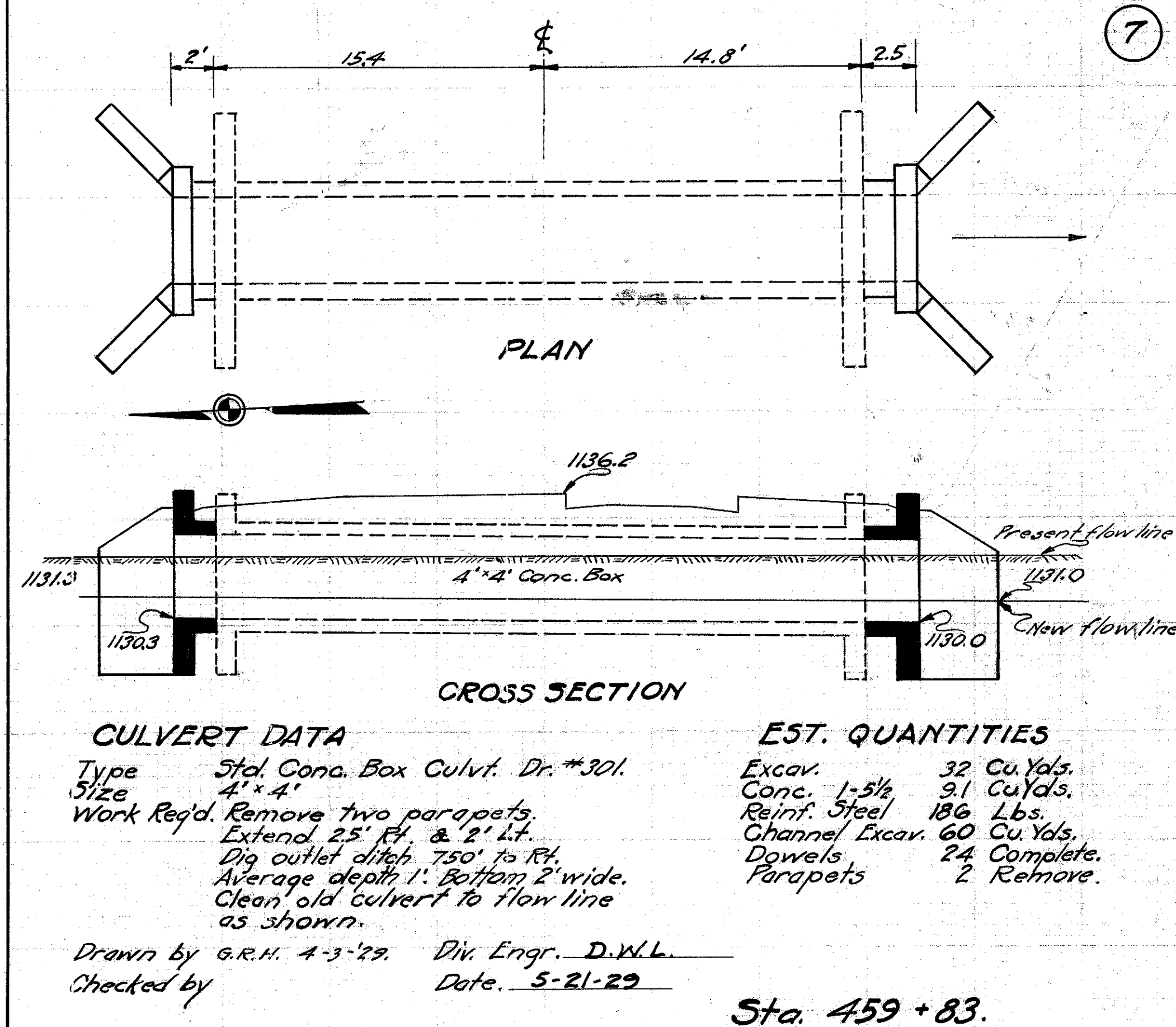
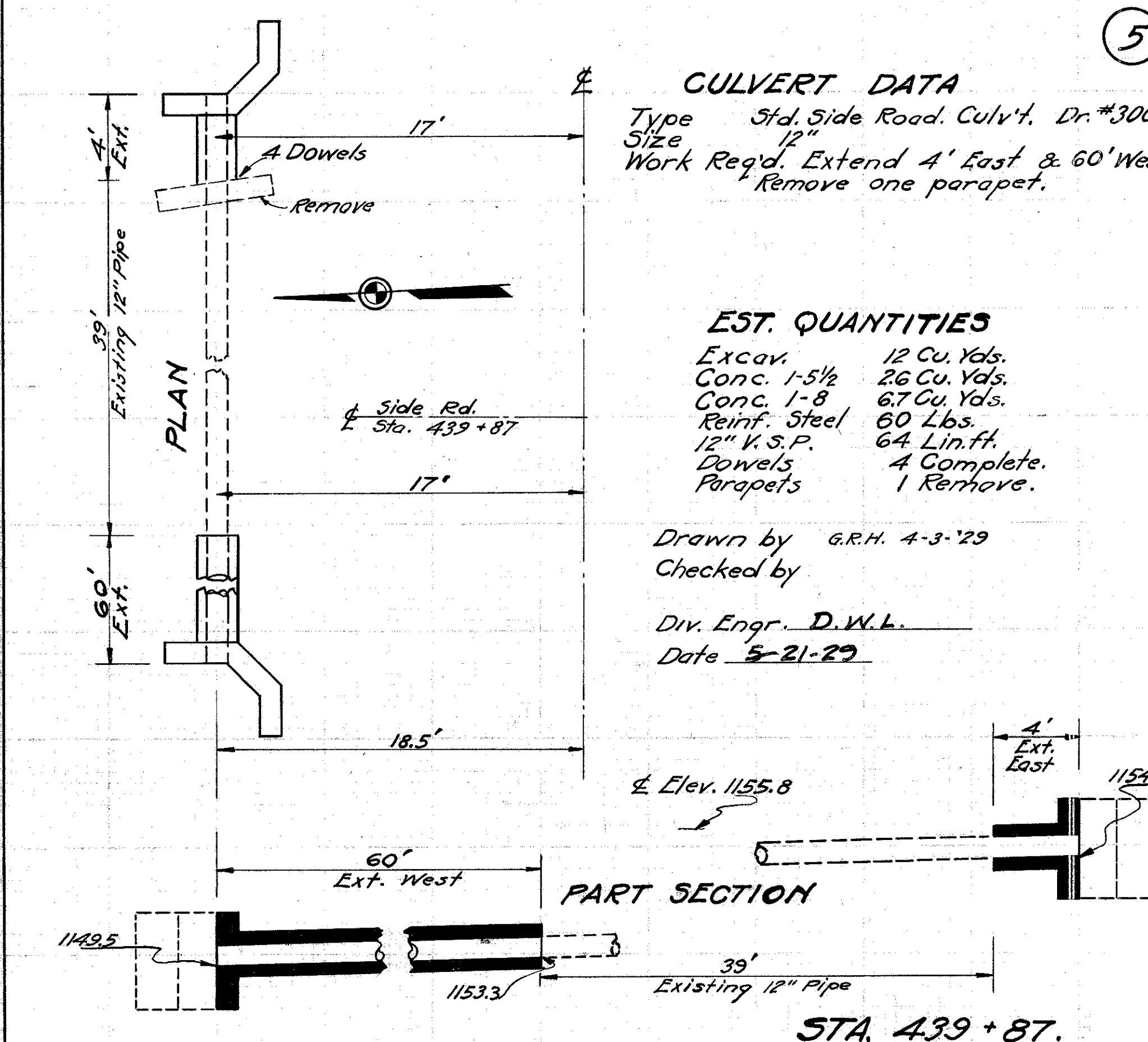
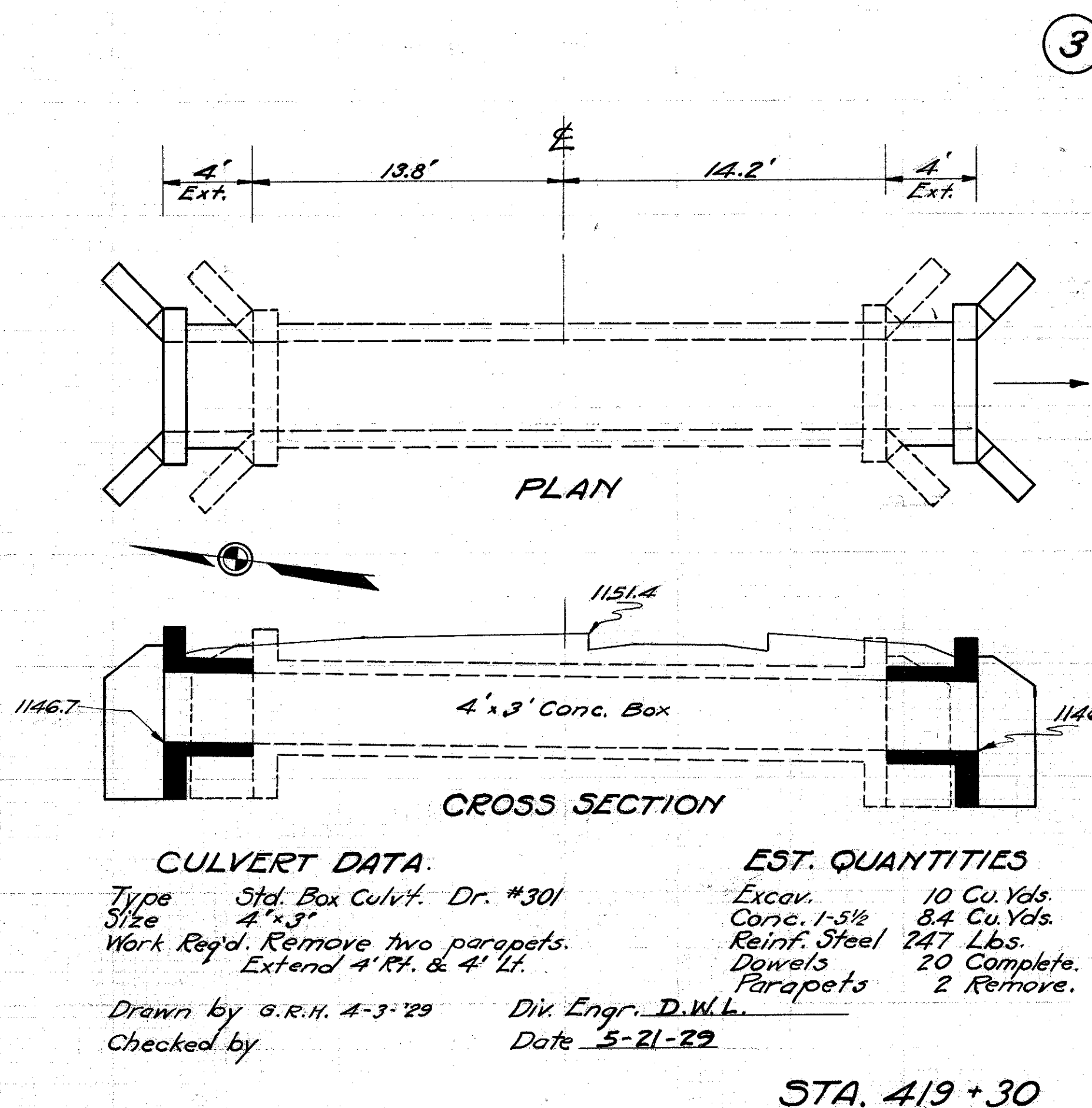
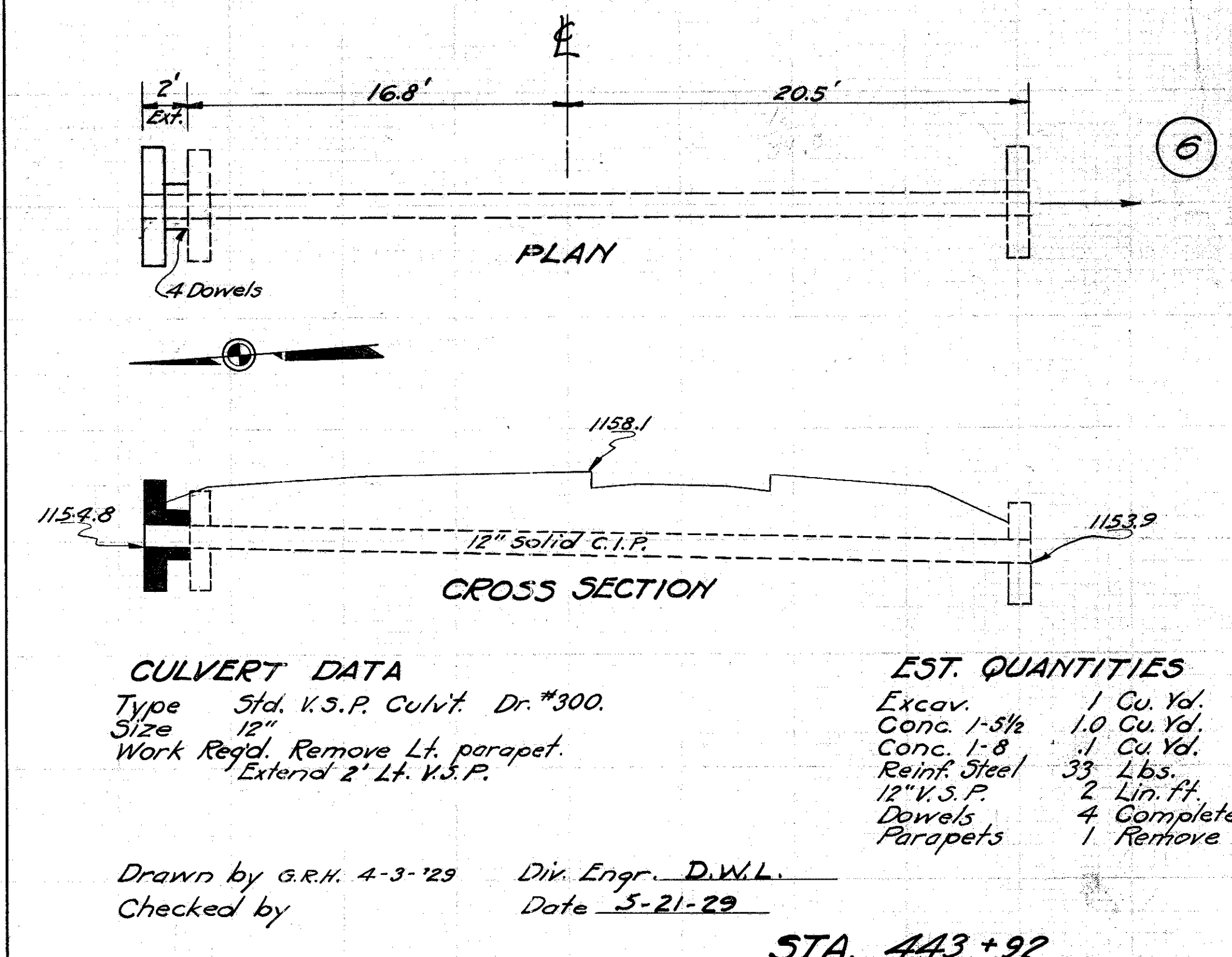
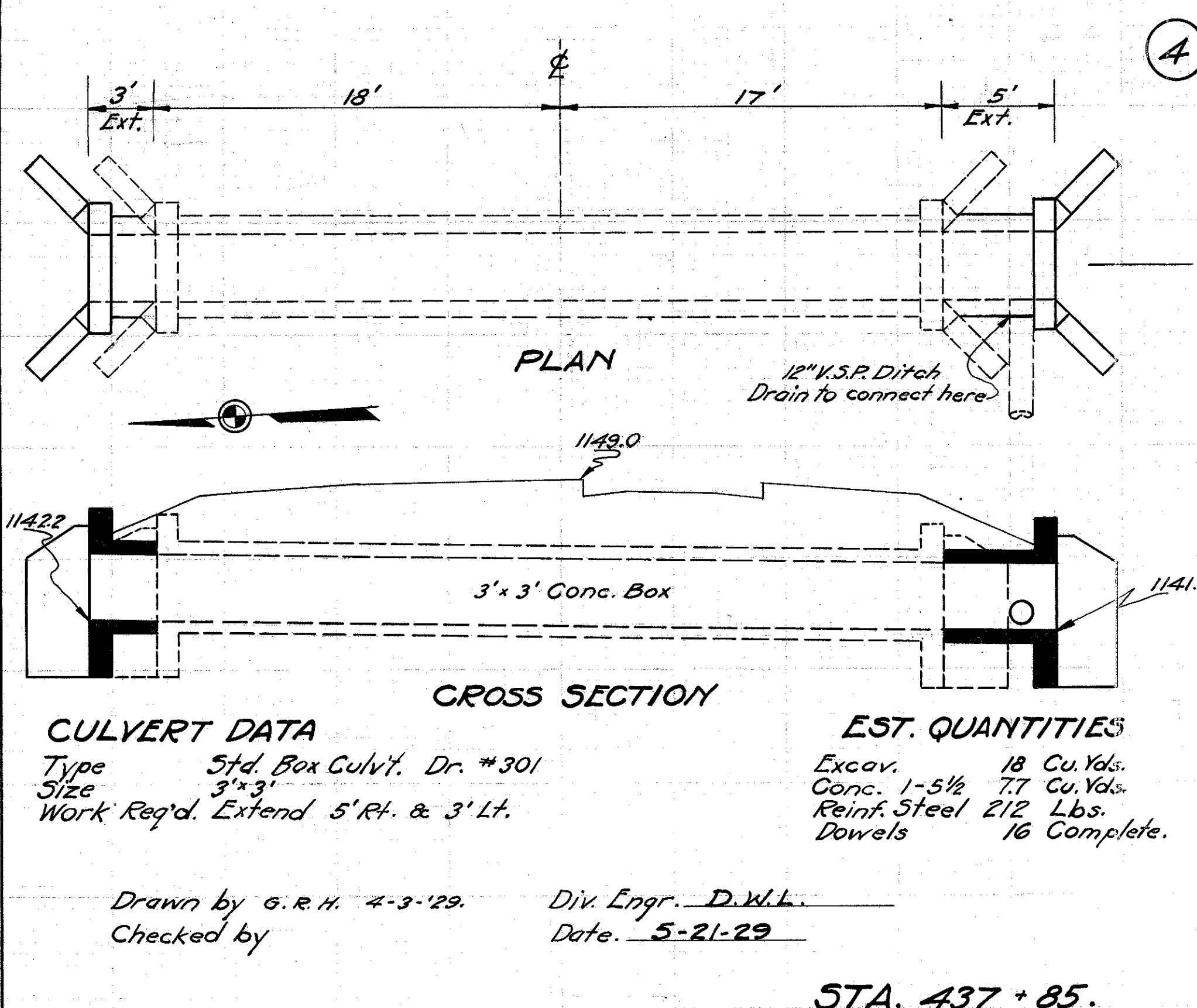
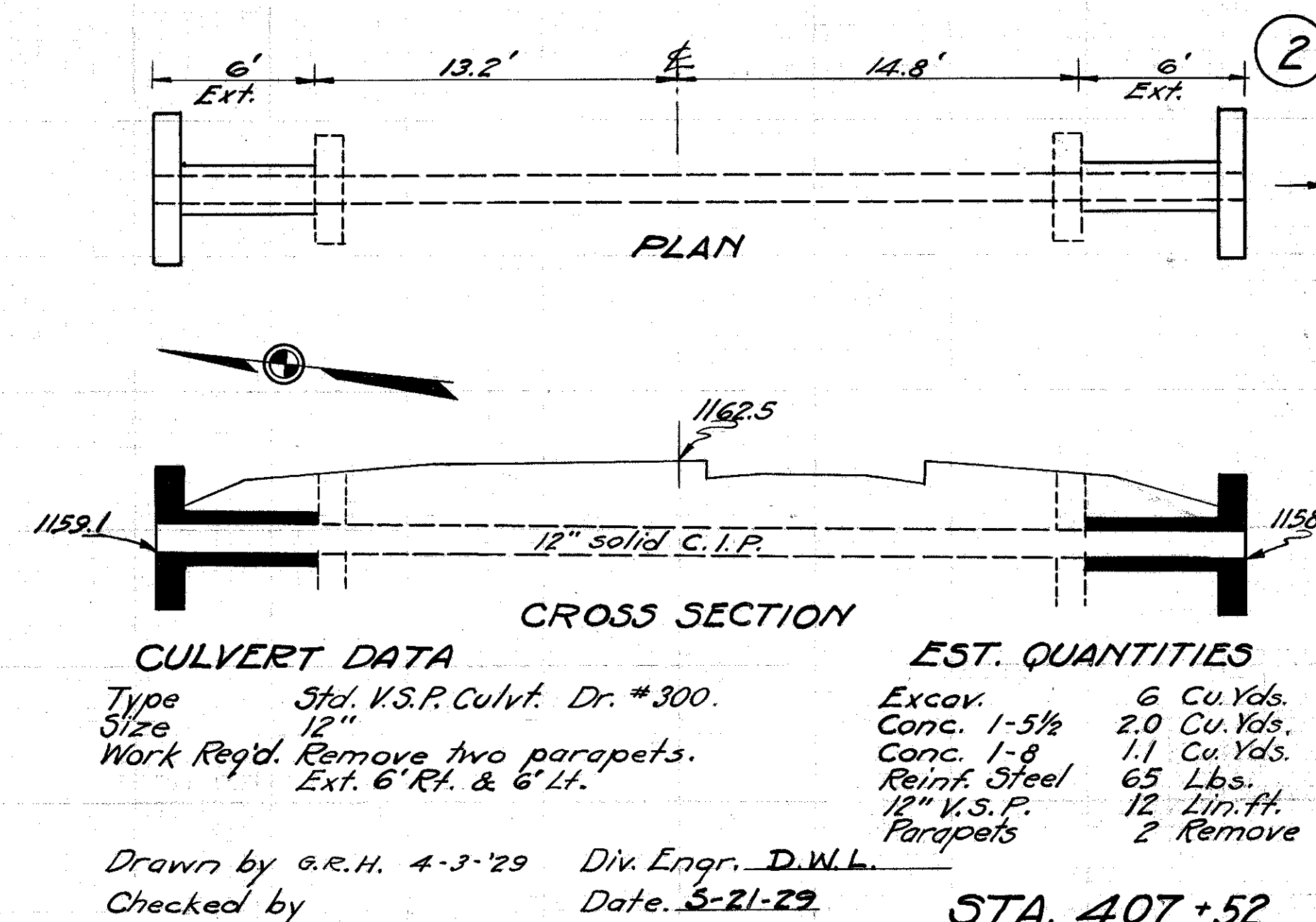
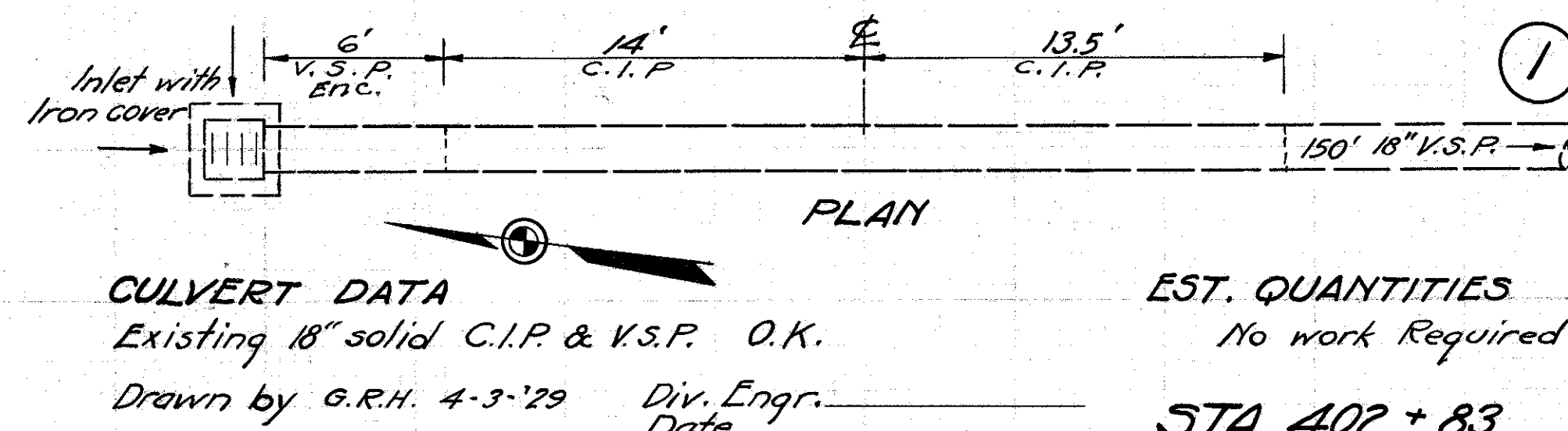
SEC. M-M



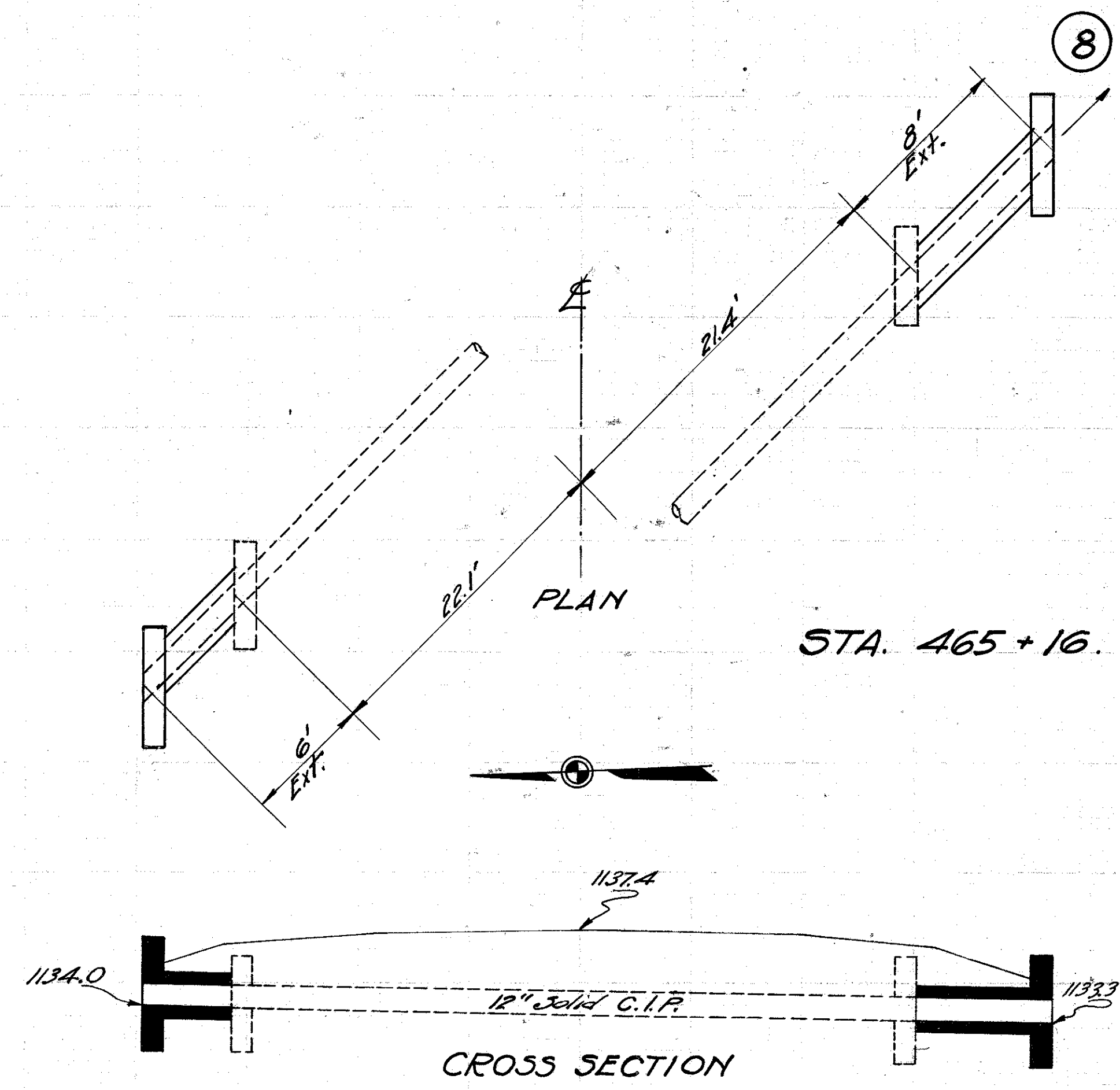
END OF WING



SEC. N-N

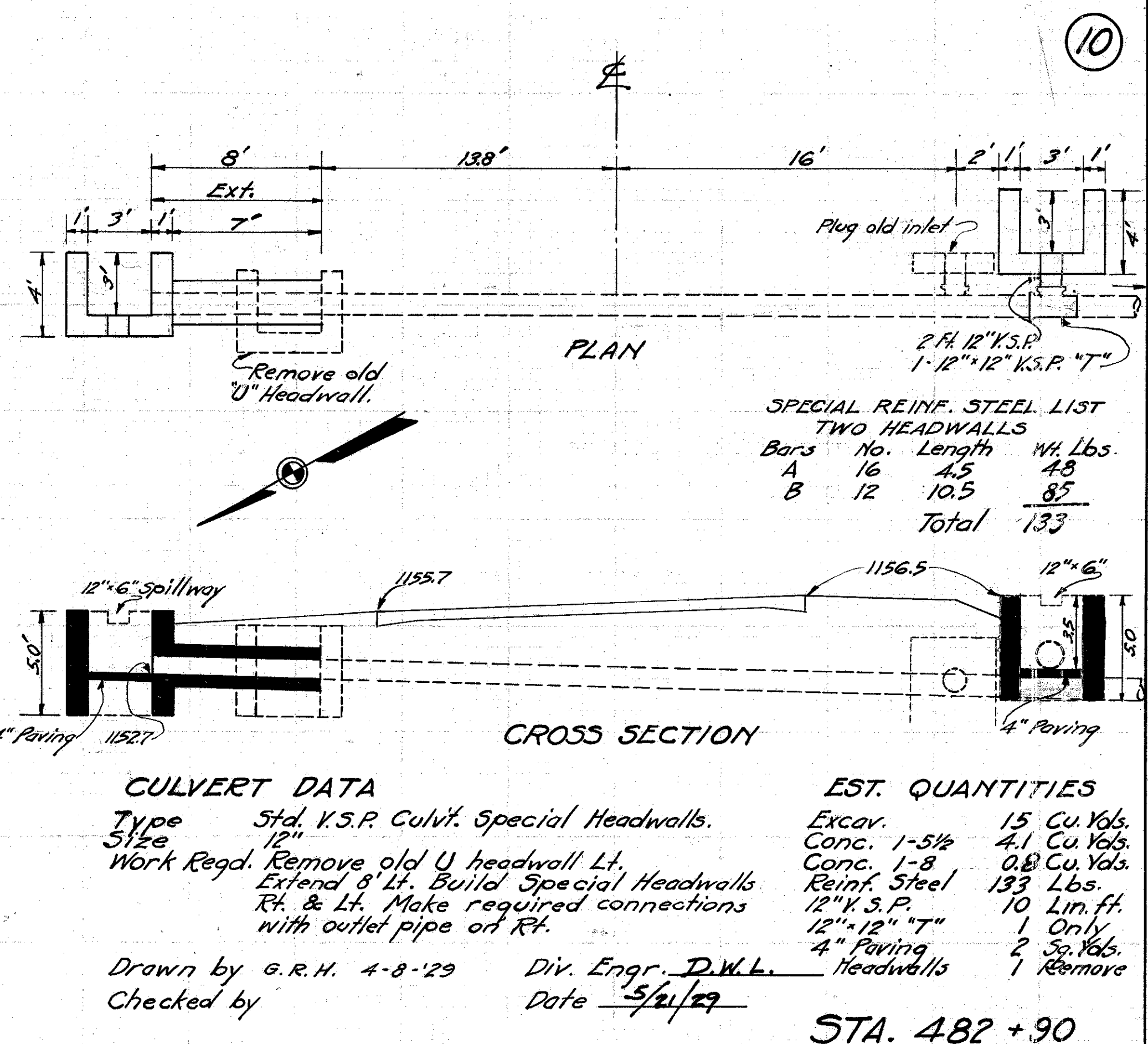


5 H. (1 CH) 15 SEC. H₂G.
GEAUGA COUNTY.



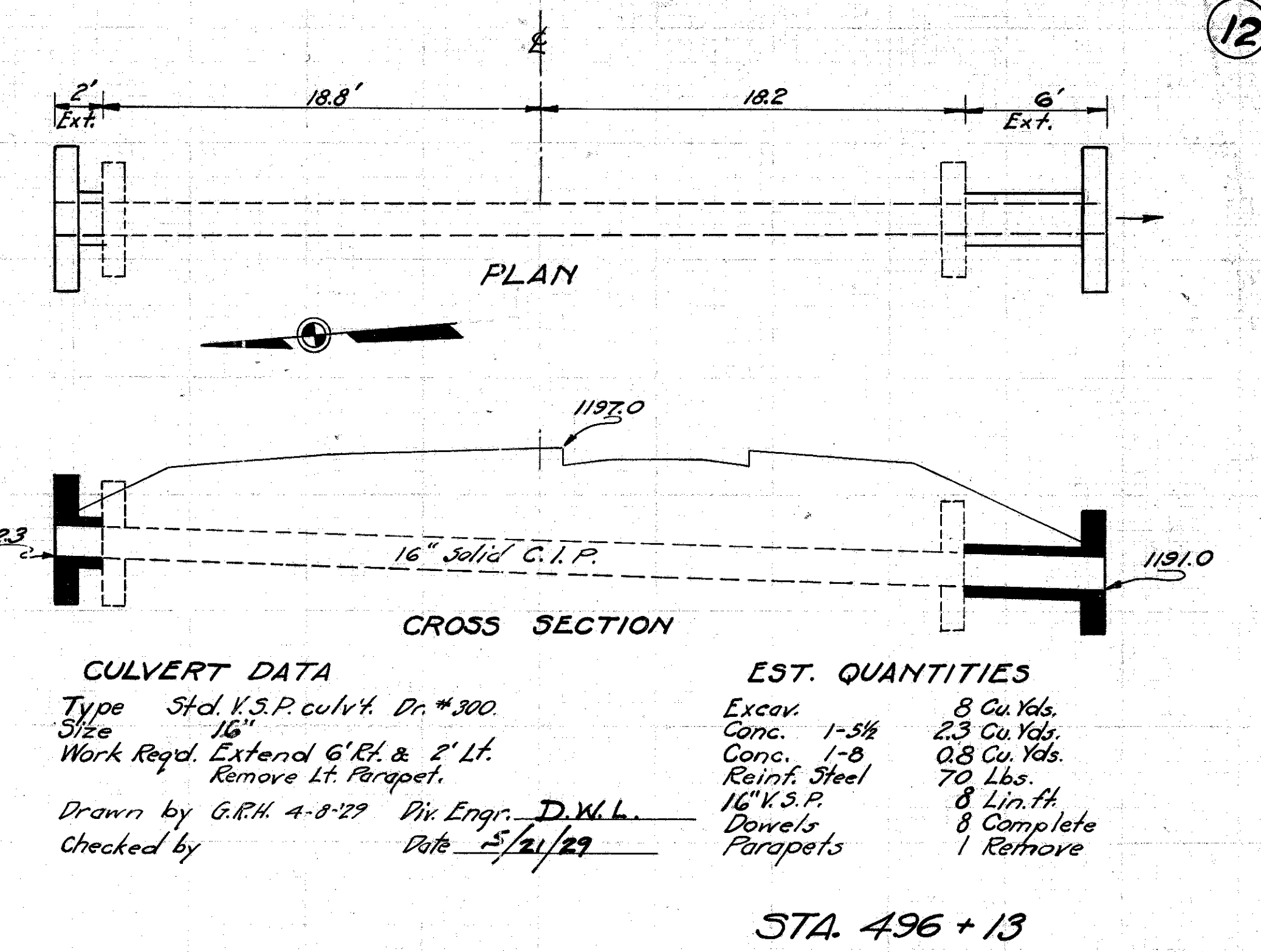
CULVERT DATA
Type Std. V.S.P. Culvt. Dr. #300.
Size 12"
Work Reg'd. Extend 8' Rt. & 6' Lt.
Drawn by G.R.H. 4-8-29 Div. Engr. D.W.L.
Checked by Date 5/21/29

EST. QUANTITIES
Excav. 10 Cu. Yds.
Conc. 1-5 1/2 20 Cu. Yds.
Conc. 1-8 1.3 Cu. Yds.
Reinf. Steel 65 Lbs.
12" V.S.P. 14 Lin. ft.



CULVERT DATA
Type Std. V.S.P. Culvt. Special Headwalls.
Size 12"
Work Reg'd. Remove old U headwall Lt. Extend 8' Lt. Build Special Headwalls Rt. & Lt. Make required connections with outlet pipe or Rt.
Drawn by G.R.H. 4-8-29 Div. Engr. D.W.L.
Checked by Date 5/21/29

EST. QUANTITIES
Excav. 15 Cu. Yds.
Conc. 1-5 1/2 4.1 Cu. Yds.
Conc. 1-8 0.8 Cu. Yds.
Reinf. Steel 133 Lbs.
12" V.S.P. 10 Lin. ft.
12" x 12" "T" 1 Only
4" Paving 2 Sq. Yds.
Headwalls 1 Remove

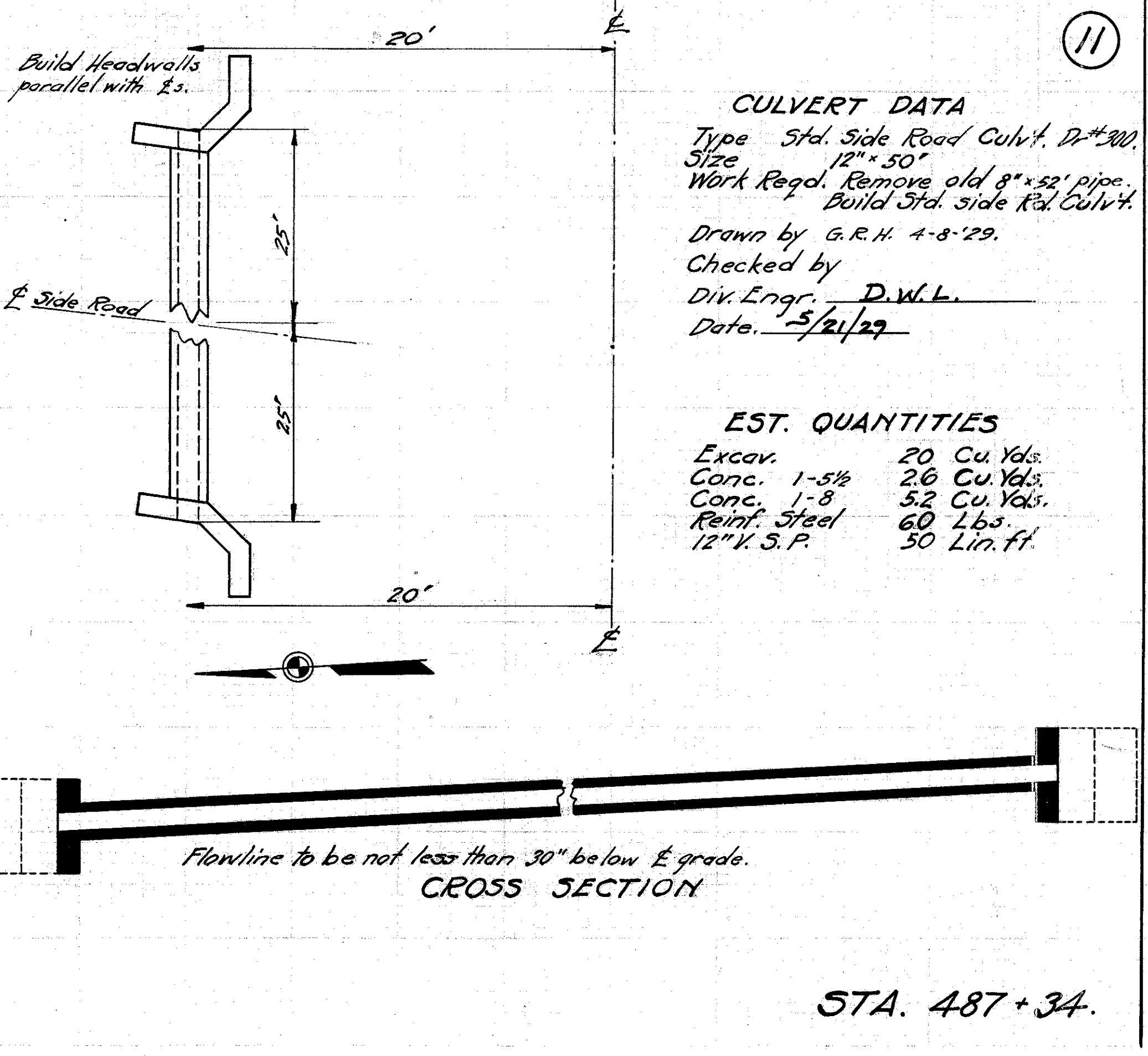


CULVERT DATA
Type Std. V.S.P. Culvt. Dr. #300.
Size 16"
Work Reg'd. Extend 6' Rt. & 2' Lt. Remove Lt. Parapet.
Drawn by G.R.H. 4-8-29 Div. Engr. D.W.L.
Checked by Date 5/21/29

EST. QUANTITIES
Excav. 8 Cu. Yds.
Conc. 1-5 1/2 2.3 Cu. Yds.
Conc. 1-8 0.8 Cu. Yds.
Reinf. Steel 70 Lbs.
16" V.S.P. 8 Lin. ft.
Dowels 8 Complete
Parapets 1 Remove

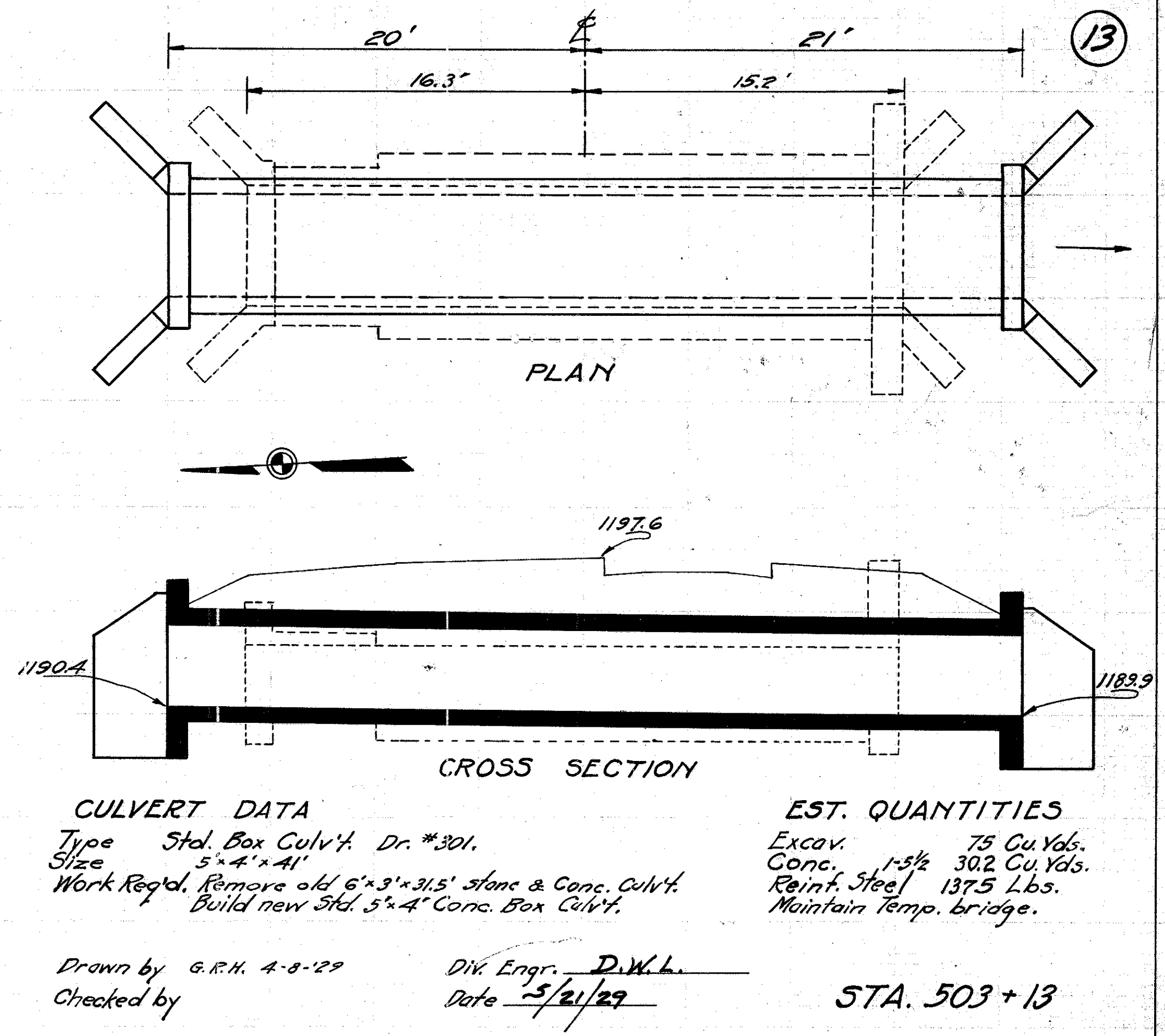
BRIDGE
STD. 38' x 20' CONC. GIRDER
GOOD CONDITION
NO WORK REQUIRED

STA. 467 + 10.5



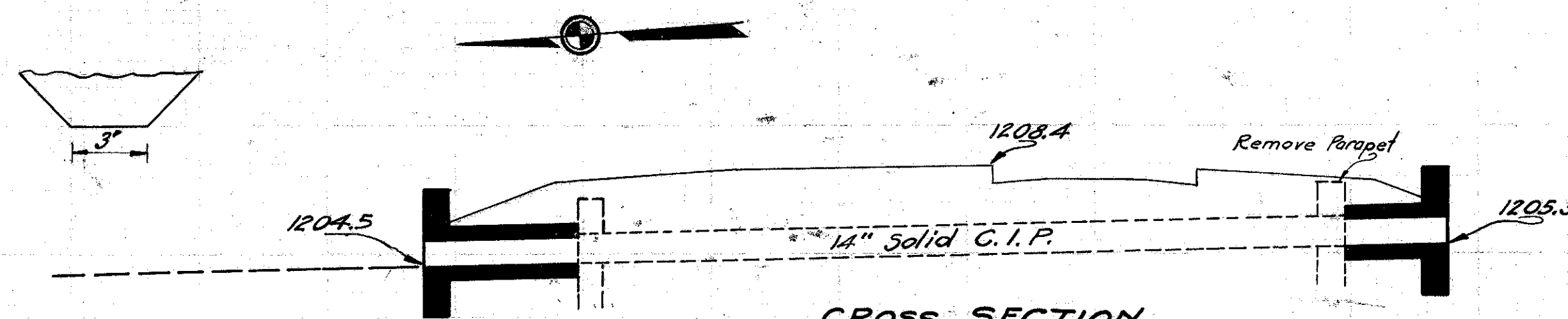
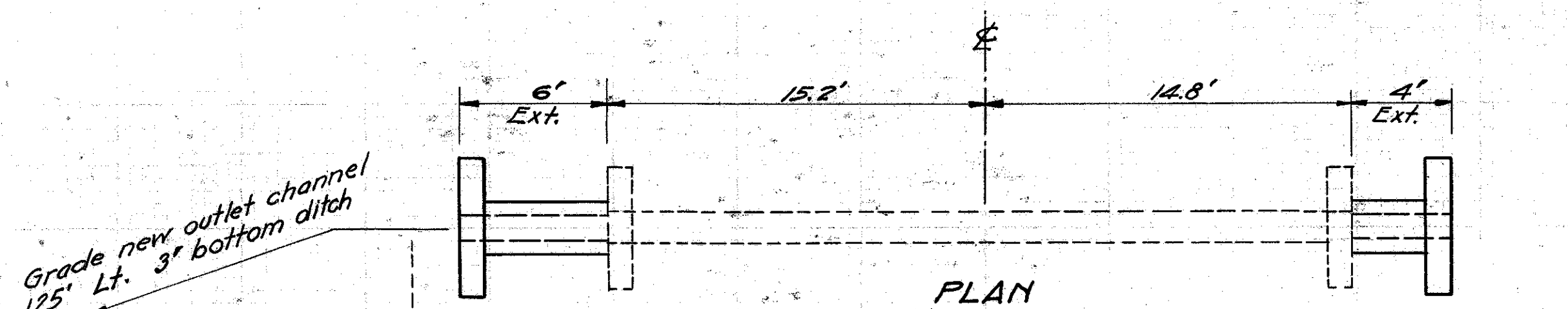
CULVERT DATA
Type Std. Side Road Culvt. Dr. #300.
Size 12" x 50"
Work Reg'd. Remove old 8" x 52" pipe. Build Std. side Rd. Culvt.
Drawn by G.R.H. 4-8-29
Checked by Div. Engr. D.W.L.
Date 5/21/29

EST. QUANTITIES
Excav. 20 Cu. Yds.
Conc. 1-5 1/2 2.6 Cu. Yds.
Conc. 1-8 5.2 Cu. Yds.
Reinf. Steel 60 Lbs.
12" V.S.P. 50 Lin. ft.



CULVERT DATA
Type Std. Box Culvt. Dr. #301.
Size 5' x 4' x 41'
Work Reg'd. Remove old 6' x 3' x 31.5' Stone & Conc. Culvt. Build new Std. 5' x 4' Conc. Box Culvt.
Drawn by G.R.H. 4-8-29 Div. Engr. D.W.L.
Checked by Date 5/21/29

EST. QUANTITIES
Excav. 75 Cu. Yds.
Conc. 1-5 1/2 302 Cu. Yds.
Reinf. Steel 137.5 Lbs.
Maintain temp. bridge.



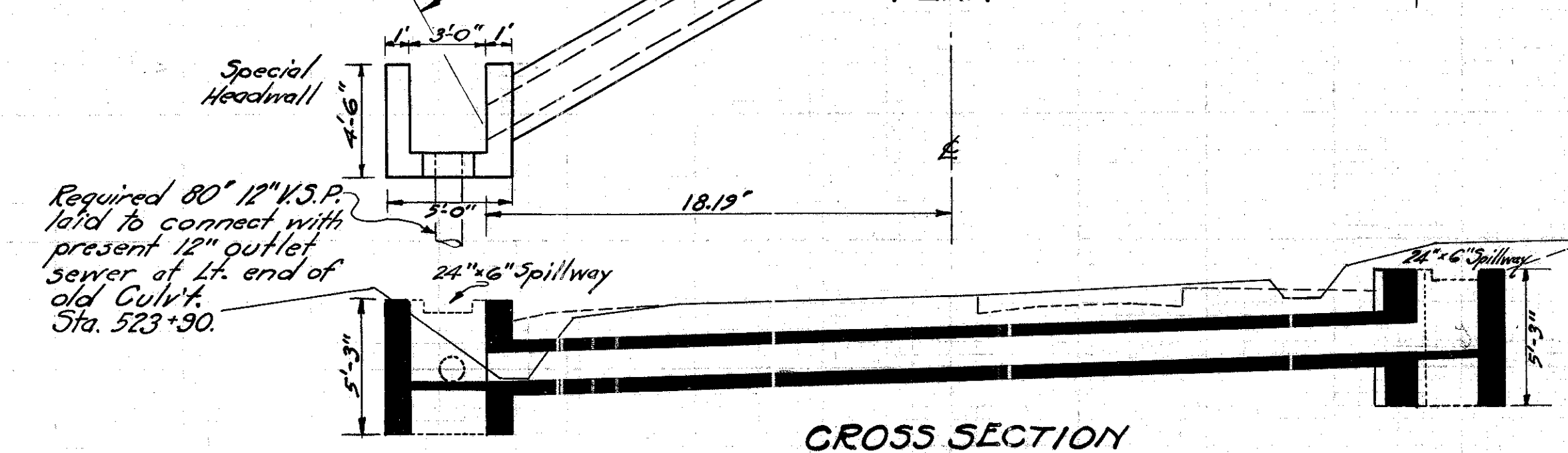
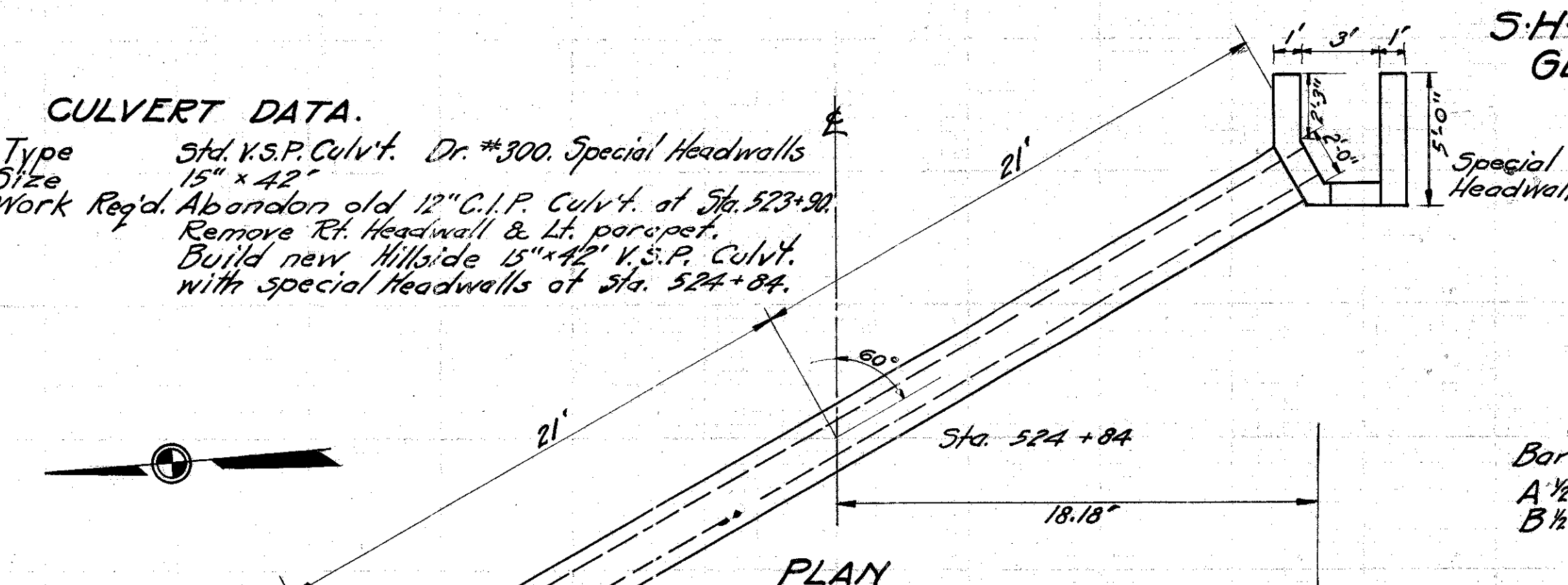
CULVERT DATA.
Type Std. V.S.P. Culvt. Dr. #300.
Size 15"
Work Reg'd. Extend 4' Rt. & 6' Lt.
Open new channel Lt.

EST. QUANTITIES
Excav. 6 Cu. Yds.
Excav. Channel 45 Cu. Yds.
Conc. 1-5 1/2 2.3 Cu. Yds.
Conc. 1-8 1.0 Cu. Yds.
Reinf. Steel 70 Lbs.
15" V.S.P. 10 Lin. ft.
Dowels 8 Complete
Parapets 1 Remove

Drawn by G.R.H. 4-10-'29 Div. Engr. D.W.L.
Checked by Date 5/21/29

STA. 510 + 67.

CULVERT DATA.
Type Std. V.S.P. Culvt. Dr. #300. Special Headwalls
Size 15" x 42"
Work Reg'd. Abandon old 12" C.I.P. Culvt. at Sta. 523+90.
Remove Rt. Headwall & Lt. parapet.
Build new Millside 15" x 42" V.S.P. Culvt. with special Headwalls at Sta. 524+84.



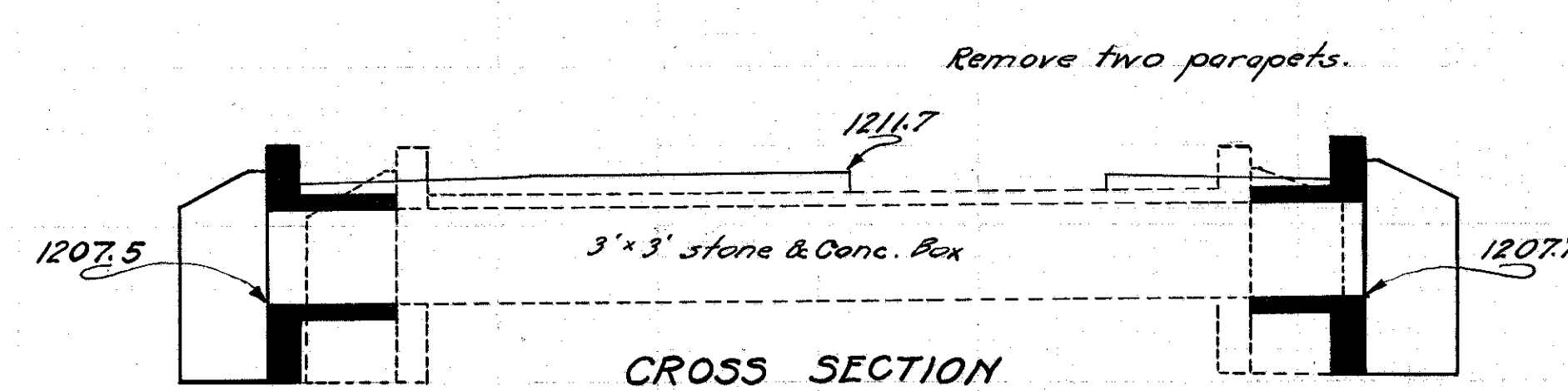
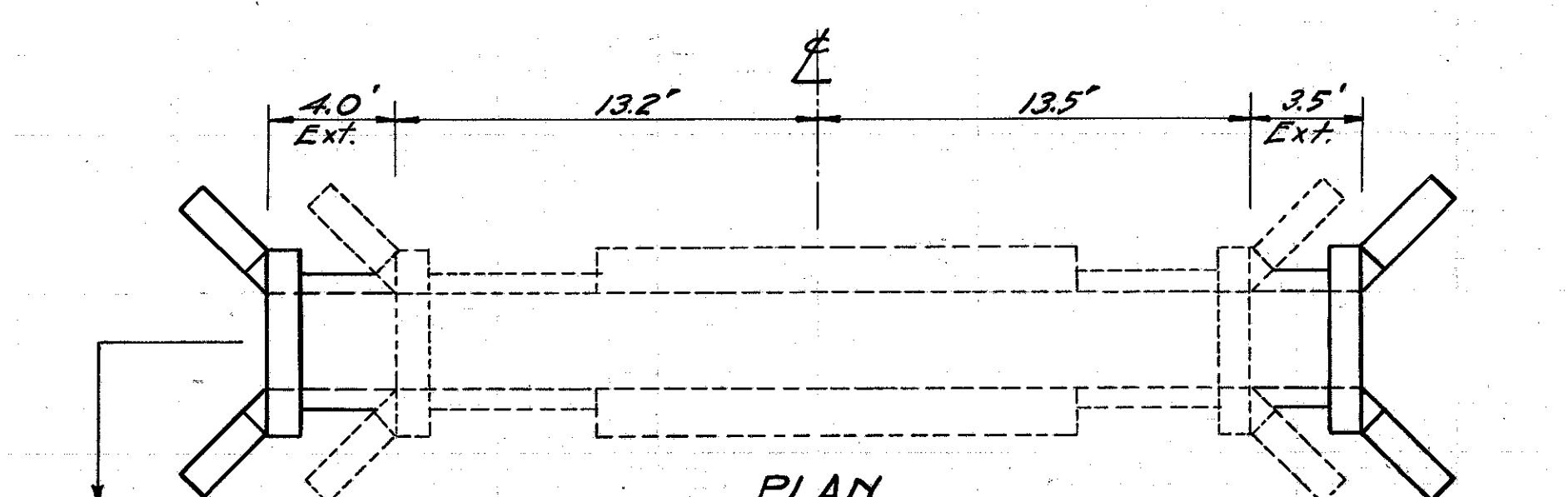
STEEL LIST FOR SPECIAL HEADWALLS

Bar	No.	Length	Wt. Lbs.
A 1/2"	20	5'-0"	67
B 1/2"	10	12'-0"	80
Total			147

EST. QUANTITIES
Excav. 35 Cu. Yds.
Conc. 1-5 1/2 4.7 Cu. Yds.
Conc. 1-8 5.2 Cu. Yds.
Reinf. Steel 147 Lbs.
15" V.S.P. (Culvt.) 42 Lin. ft.
12" V.S.P. (Outlet) 80 Lin. ft.
Paving - 4" Conc. 2.5 Sq. Yds.
Headwall 1 Remove
Parapet 1 Remove

Drawn by G.R.H. 4-10-'29 Div. Engr. D.W.L.
Checked by Date 5/21/29

STA. 524 + 84

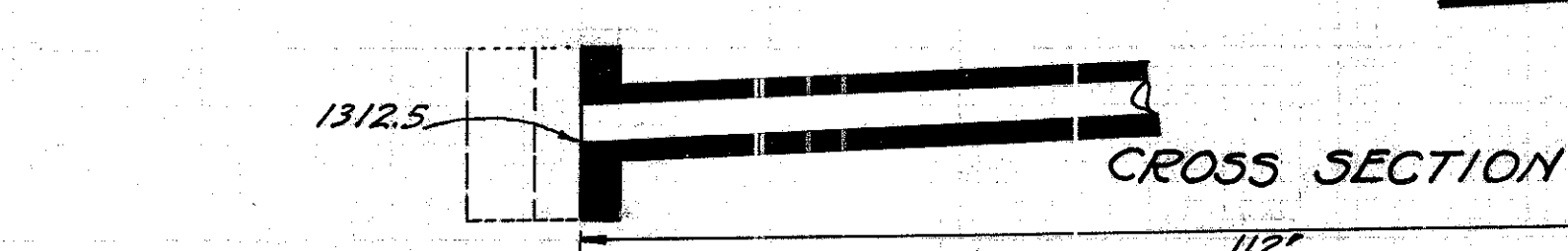
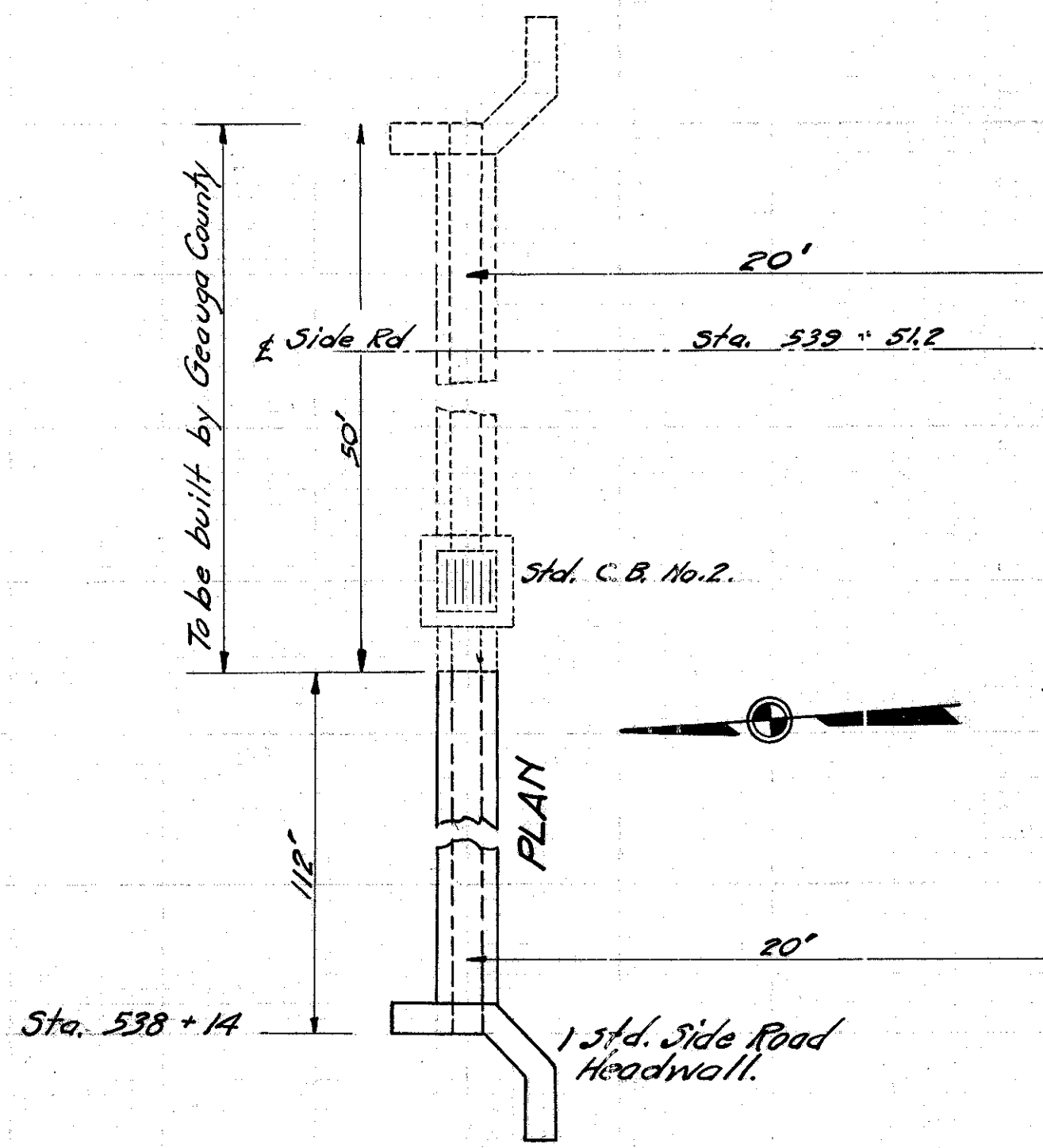


CULVERT DATA.
Type Std. Box Culvt. Dr. #301
Size 3' x 3'
Work Reg'd. Extend 3.5' Rt. & 4' Lt.

EST. QUANTITIES
Excav. 12 Cu. Yds.
Conc. 1-5 1/2 7.5 Cu. Yds.
Reinf. Steel 202 Lbs.
Dowels 16 Complete
Parapets 2 Remove

Drawn by G.R.H. 4-10-'29 Div. Engr. D.W.L.
Checked by Date 5/21/29

STA. 513 + 43.



CULVERT DATA.
Type Std. V.S.P. Side Rd. Culvt. Dr. #300.
Size 12" x 112"
Work Reg'd. Extend portion of side Rd. Culvt. Lt. built by County, 112' to west.
Build Side Rd. headwall at west end.

EST. QUANTITIES
Excav. 35 Cu. Yds.
Conc. 1-5 1/2 1.3 Cu. Yds.
Conc. 1-8 12.0 Cu. Yds.
Reinf. Steel 30 Lbs.
12" V.S.P. 112 Lin. ft.

Drawn by G.R.H. 4-10-'29 Div. Engr. D.W.L.
Checked by Date 5/21/29

STA. 539 + 51.2

S.H. (I.C.H.) 15 SEC. H₂G.
GEAUGA COUNTY.

Bermes, Slopes and Ditches

Length of Project	13,651.2 Lin. Ft.
Deduct at Sta. 467 + 10.5	<u>40.5 Lin. Ft.</u>
Total	13,610.7 Lin. Ft.

FROM STATION	TO STATION	SIDE OF ROAD	LIN. FEET
465 + 68	466 + 88	LT.	120
464 + 88	466 + 88	RT.	200
467 + 31	468 + 35	RT.	104
467 + 31	468 + 35	LT.	104
482 + 50	484 + 50	RT.	200
509 + 10	510 + 22	LT.	112
TOTAL			840

SUMMARY OF CONCRETE PAVEMENT ITEMS										
REMARKS	CONCRETE			LEFT LIN. FEET	FROM STATION	TO STATION	RIGHT LIN. FEET	CONCRETE		REMARKS
	REMOVE Sq. Yds.	8'-8" Sq. Yds.	6'-6" Sq. Yds.					9'-7'-9" Sq. Yds.	8'-8" Sq. Yds.	
9' wide (Curve)	399.07	359.16		359.16	423+77.89	427+37.05				
Curve widening		21.75		359.16	423+77.89	427+37.05				
10' Transition	88.88	88.88		80	427+37.05	428+17.05				
10' Resurface			1225.50	1102.95	428+17.05	439+20				
10' Transition	88.88	88.88		80	439+20	440+00				
9' wide (Curve)	418.12	376.31		376.31	482+01.44	485+77.75				
Curve widening		39.75		376.31	482+01.44	485+77.75				
10' New	500.00	500.00		450	506+25	510+75				
Subtotals	1494.95	1474.73	1225.50		404+34	405+19	84		32.70	Approach
					405+18	423+77.89	1859.89	1653.24		8' wide
					423+77.89	427+37.05	359.16		359.16	9' wide (Curve)
					427+37.05	427+37.05	359.16		21.75	Curve widening
					427+37.05	464+76	3738.95	3323.51		8' wide
					468+36	482+01.44	1365.44	1213.72		8' wide
					482+01.44	485+77.75	376.31		376.31	9' wide (Curve)
					482+01.44	485+77.75	376.31		39.75	Curve widening
					485+77.75	539+51.2	5973.45	4776.40		8' wide
					504+00	510+00			3323.33	Extra widening
						Subtotals	10,966.87	1163.00		
TOTALS										
Old Pav't. Removed				1495	Sq. Yds.	+				
9'-7'-9 Concrete Pav't.				10966.87	Sq. Yds.	+				
6'-8 Concrete Pav't.				2637.73	Sq. Yds.	+				
6'-6 Concrete Pav't.				1225.50	Sq. Yds.	+				
Old Pav't. Removed				1000	Sq. Yds.					Where Directed.
8-8 Concrete Pav't.				1900	Sq. Yds.					Where Directed.
33 Cu. Yds. 1-5% Concrete placed where directed to correct crown & grad. of existing Pav't.										