

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
9	VT.	86-C	1932	1	110

INDEX OF SHEETS

SHEET NO. 1	TITLE PAGE
2	TYPICAL CROSS-SECTION OF IMPROVEMENT (ONE COURSE CEMENT CONCRETE PAVEMENT)
3	DETAILS OF CONSTRUCTION
3-A-3	GRAVEL SURFACE COURSE & BANKING TABLE
4-32	PLAN AND PROFILE SHEETS
33	STANDARD STRUCTURE SHEET S.C.-1 BOX CULVERTS
34	" " " " 5-20 PIPE CULVERTS
35	" " " " 5-21 BOX CULVERTS
36	" " " " 5-22 GUARD RAIL
37	" " " " 5-23 CURB & GUTTER
38	S.L.B.-20 C.C. 18' Span Square
39	36'x36' No Square without Piles H. 20'
40	S.P.B.-20 42'x42' S. 206, S. 229, S. 221
41	S.P.B.-20 42'x42' S. 220
42	S.P.B.-20 42'x42' S. 221
43	110 Cross Sections

STATE OF VERMONT
STATE HIGHWAY DEPARTMENT

PLAN AND PROFILE OF PROPOSED
STATE HIGHWAY

FEDERAL AID PROJECT

Pin # 99R218

TOWNS OF LYNDON AND BURKE Project: FAP 86C

ON U.S. ROUTE 5, BETWEEN ST. JOHNSBURY AND NEWPORT.

FROM THE CREAMERY BRIDGE IN LYNDONVILLE

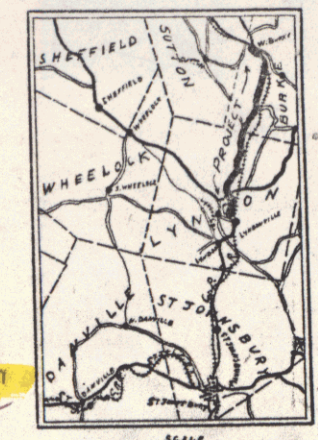
NORTH 7.658 MILES TO THE BURKE-SUTTON TOWN LINE

LENGTH OF CONCRETE PAVEMENT 39236.0 FT. 743.1 MILES

LENGTH OF GRAVEL SURFACING 1200.4 FT. 0.227 MILES

TOTAL LENGTH OF CONTRACT 40436.4 FT. 765.8 MILES

LENGTH OF GOV'T. PARTICIPATION 39440.4 FT. 746.9 MILES



U.S.-5



CONVENTIONAL SIGNS

COUNTY LINE	GROUND ELEVATION
TOWN LINE	GRADE ELEVATION
FENCE LINE	
STONE WALL	
UNFENCED PROPERTY	
GUARD RAIL	
TRAVELED WAY	
RAILROAD	
RETAINING WALL	
CENTER LINE	
SURVEY LINE	
CULVERT	
DROP INLET	
TROLLEY POLE	
POWER POLE	
TELEPHONE POLE	
TREES	
HEDGES	

CURVE DATA

DEFLECTION ANGLE	Δ
DEGREE OF CURVE	D
RADIUS OF CURVE	R
TANGENT DISTANCE	T
LENGTH OF CURVE	L
EXTERNAL DISTANCE	E
POINT OF INTERSECTION	P.I.
POINT OF CURVE	P.C.
POINT OF TANGENT	P.T.
POINT ON TANGENT	P.O.T.

SCALES

TITLE PAGE	1" = 1500'
PLAN	1" = 50'
PROFILE	HOR. 1" = 50'
	VERT. 1" = 10'
SECTIONS	HOR. 1" = 5'
	VERT. 1" = 5'

CONCRETE PAVEMENT
LENGTH OUT TO 26 FT.
CLEAR DRAIN 20 FT.
ROADWAY 20 FT.
GRADE CONSTRUCTION
AS PART OF THE ROAD
BRIDGE NOT INCLUDED
IN LENGTH OF PROJECT

MP 7.012 MP 0.60

RIGHT-OF-WAY DIVISION
TOWN FILE
PERPETUAL
Town of U.S.S.

These plans subject to such revisions as may be required by the Bureau of Public Roads or Be Returned To R.O.W. Division of the Chief Engineer.

APPROVED 3-7-1932
M.C. [Signature]
COMMISSIONER OF HIGHWAYS

RECOMMENDED
DISTRICT ENGINEER BUREAU OF PUBLIC ROADS
RECOMMENDED FOR APPROVAL
CHIEF ENGINEER BUREAU OF PUBLIC ROADS
APPROVED
DIRECTOR BUREAU OF PUBLIC ROADS

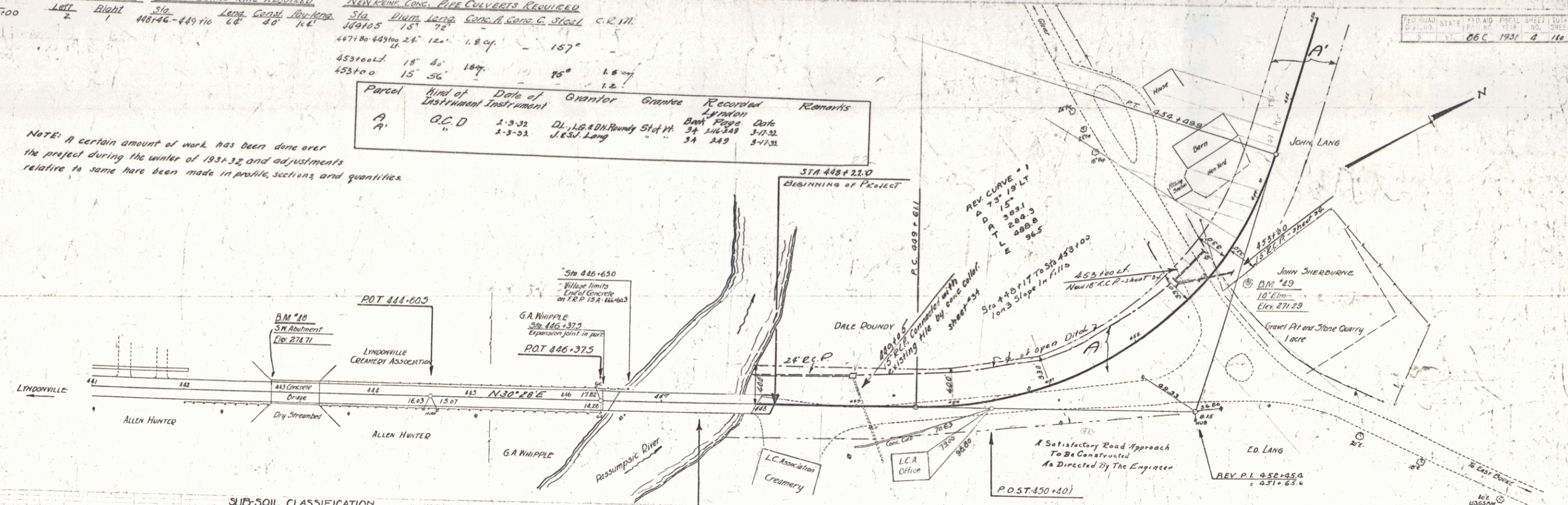
CORRECT.
ROAD ENGINEER
SERIES F NO. 86-C FILED
SHEET 1 OF 110

DIST. # 7 PLANS

WOOD GUIDE POSTS REQUIRED		CABLE GUARD RAIL REQUIRED		NEW CONC. PIPE CULVERTS REQUIRED		
Sta	Left	Sta	Lang. Const. Req. Long.	Sta	Diam. Lang. Conc. R. Conc. C. Steel C.R.M.	
433+00	2	441+46	449+110	447+80	449+110	24" 12" 1.8 cu. 157'
		453+00	453+00	453+00	453+00	18" 6" 1.8 cu. 75'
		453+00	453+00	453+00	453+00	15" 5" 1.8 cu. 75'

Parcel	Kind of Instrument	Date of Instrument	Grantor	Grantee	Recorded	Remarks
A	O.C.D.	1-3-32	DL. L.G. & D.N. Roundy	Staf. W.	34 146-348	3-7-32
A'	"	1-3-32	J.E.S.V. Lang	"	34 149	3-7-32

NOTE: A certain amount of work has been done over the project during the winter of 1931-32 and adjustments relative to same have been made in profile sections and quantities.



SUB-SOIL CLASSIFICATION
 H-humus G-gravel
 S-sand SF-silt
 C-clay L-ledge
 Q-quicksand

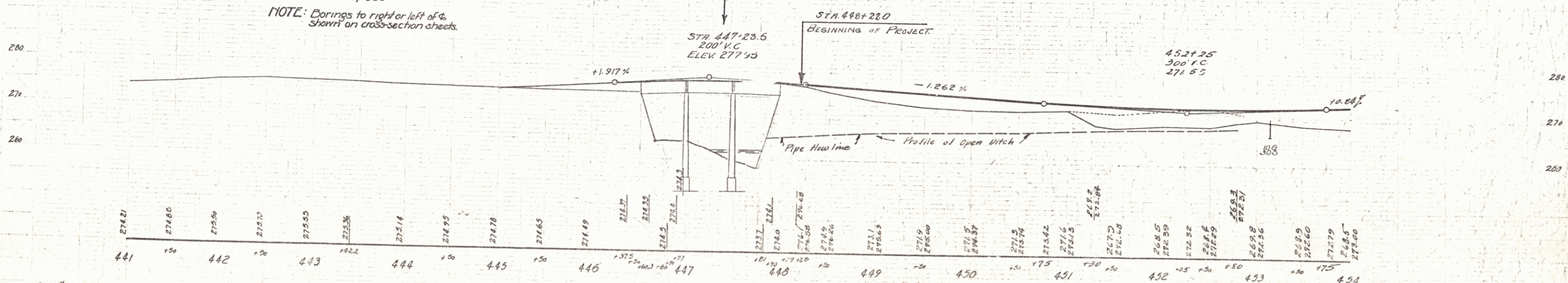
LEGEND
 D-dry F-fine
 M-moist C-coarse
 W-wet H-hard
 P-patched

Date of Investigation
 Oct. 15-25, 1930

NOTE: Borings to right or left of & shown on cross-section sheets.

446+50 - 447+97
 13 BEAM BRIDGE
 LENGTH OVER ALL 147.0 FT.
 ROADWAY WIDTH 20 FT.
 CONST. 1931
 AS PART OF PROJECT 1150

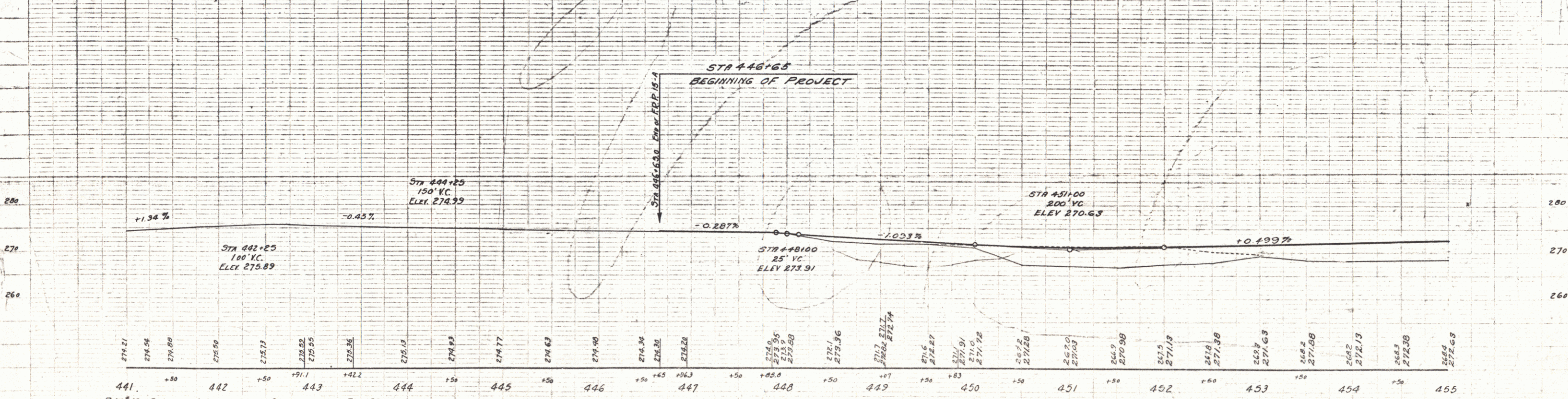
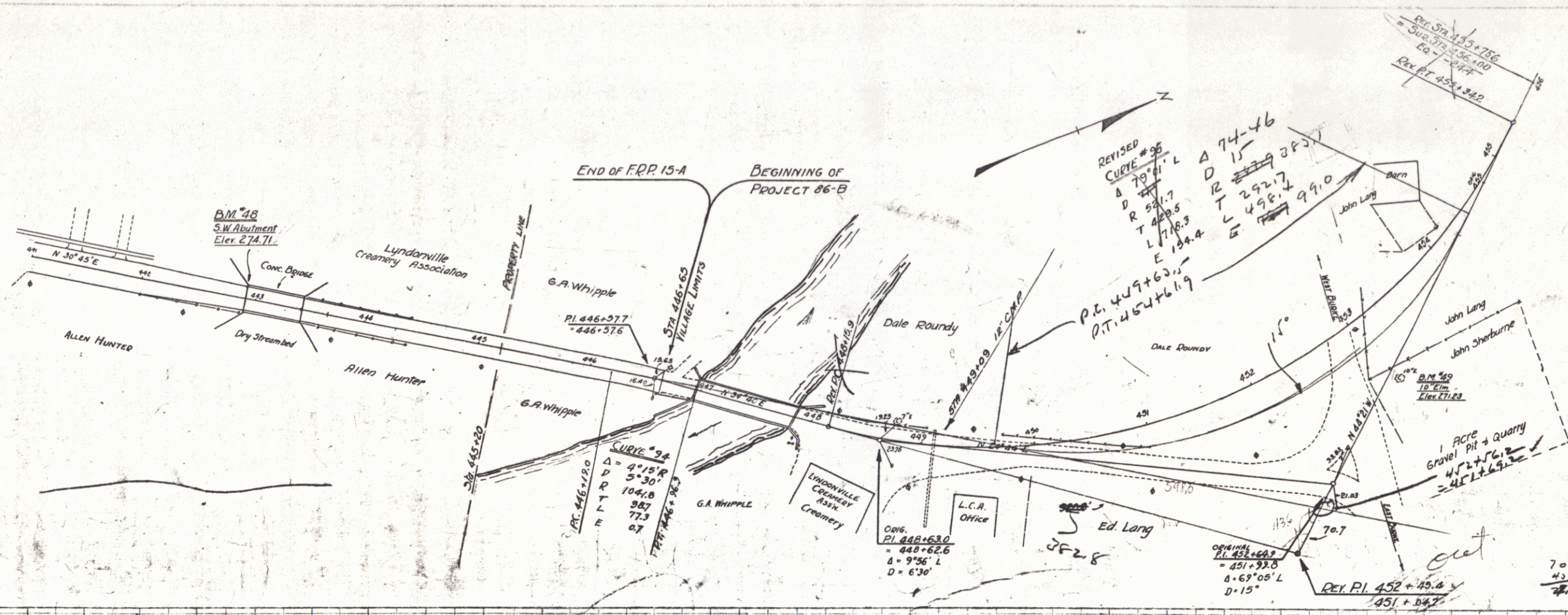
Cable rail fittings and posts now in place over the project & become the property of the state unless otherwise noted some to be removed and stored as directed by the Engineer.



B.M. #48 S.W. Cor. Conc. Bridge Abut. 12 ft. Lt. of Sta. 442+92 Elev. 274.71
 B.M. #49 Spike in Root of 10' Lim 220 ft. Lt. of Sta. 431+75 Elev. 271.29

11/11/77
 A. J. C. C. C. C.
 11/11/77

11/11/77
 A. J. C. C. C.
 11/11/77



D.M. 48 SW corner bridge abutment Sta 442+92 Lt Elev 274.71
 D.M. 49 Spike in road 16' Elm Sta 453+20, 34' Rt Elev 271.23

WOOD GUIDED RAIL REQUIRED

Sta.	Left	Right
465+33	2'	

WOOD GUIDE POSTS REQUIRED

Sta.	Left	Right
465+33	2	

CABLE GUIDED RAIL REQUIRED

Stations	Length	Const. By	Length
458+50-459+54.25	104' 40"	144'	
458+25-458+107.75	72' 40"	112'	
460+92-461+08.75	96' 40"	136'	
461+60-462+69.75	109' 40"	144'	

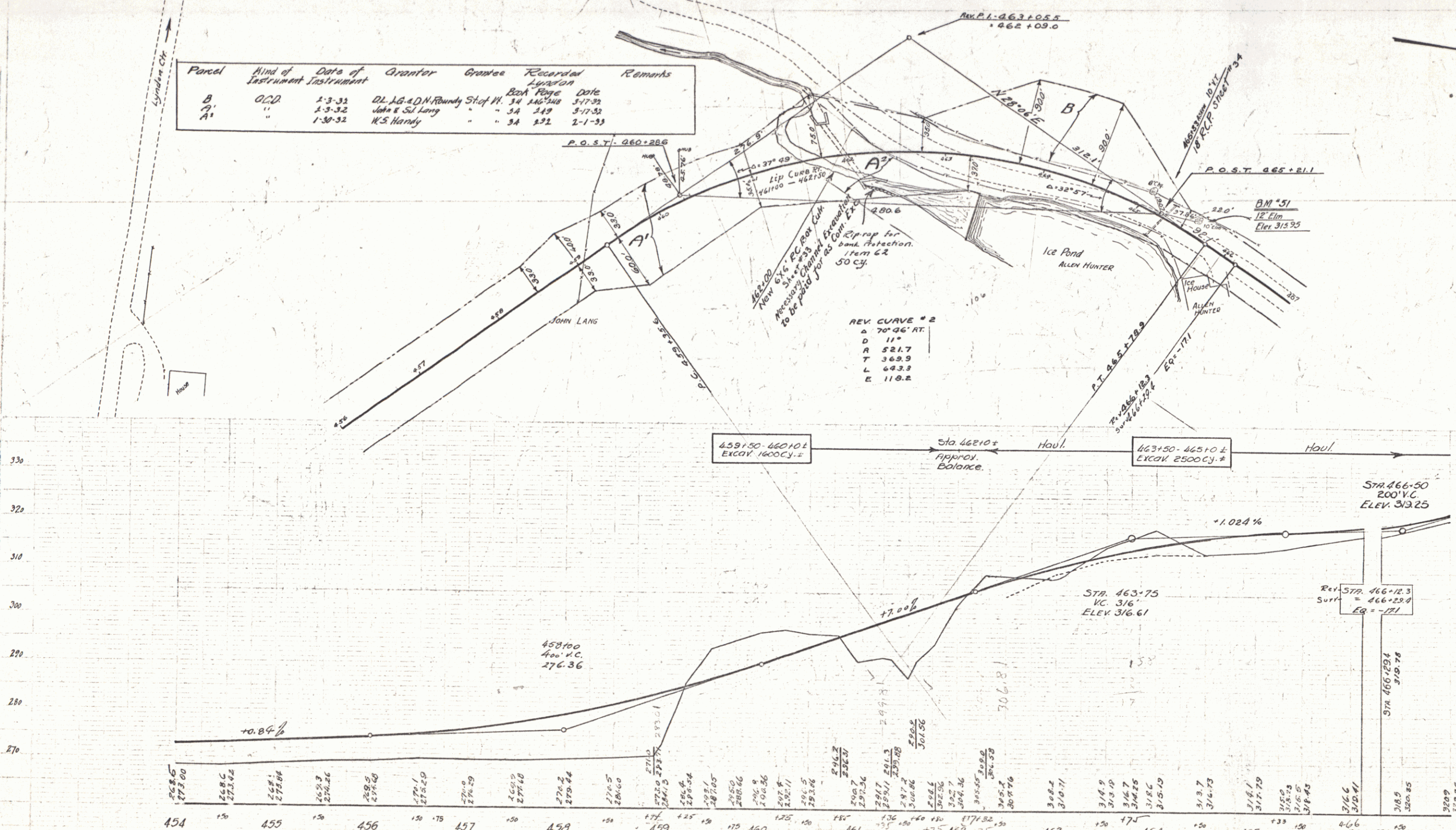
NEW REIN. CONC. PIPE CULVERTS REQUIRED

Sta.	Diam.	Length	Cent. Rub. Material
465+33	18"	48'	35 c.y.

NEW REIN. CONC. BOX CULVERTS REQUIRED

Sta.	Size	Conc. H. Steel	Struct. Exc.
462+00	6'x6'	66.6 c.y. 3260'	251 c.y.

Parcel	Kind of Instrument	Date of Instrument	Grantor	Grantee	Recorded	Remarks
B	OGD	1-3-32	DL. AG. A.D.M. Bundy Shop H.	Ben. Byrne	5-17-32	
A'	"	1-3-32	John & Sil Lang	" SA 349	5-17-32	
A	"	1-30-32	W.S. Hardy	" SA 332	2-1-33	



B.M. #50 Spike in Root 12' Birch Location Unknown Elev. 294.01
 B.M. #51 Spike in Root 12' Elm 16' Lt of Sta 465+05 Elev. 315.95

4

WOOD GUARD RAIL REQUIRED

Sta.	Left	Right
469100		2'

CABLE GUARD RAIL REQUIRED

Stations	Long	Short	Radius
471.72-479.20 R.	48'	30'	12.5'
471.72-479.20 L.	29'	40'	16.4'
481.64-482.100 R.	36'	20'	56'

NEW POINT CONC. PIPE CULVERTS REQUIRED

Sta.	Width	Length	Curve R.	Curve S.	Dist.
4701.00	18"	48'	1.504	137'	
4701.30	18"	60'			

GRAVEL COBBLE GUTTER REQUIRED

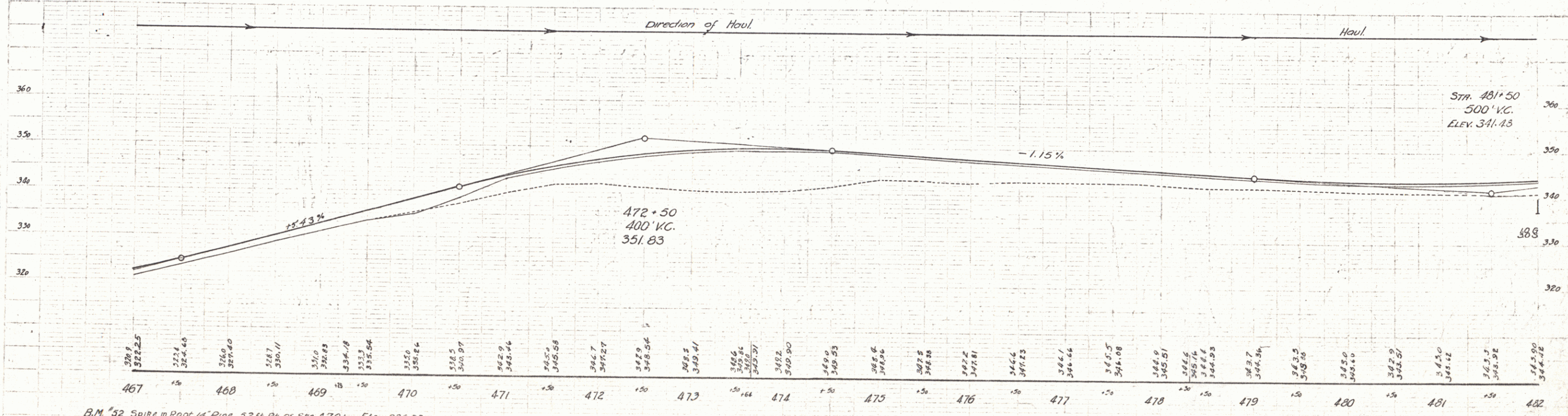
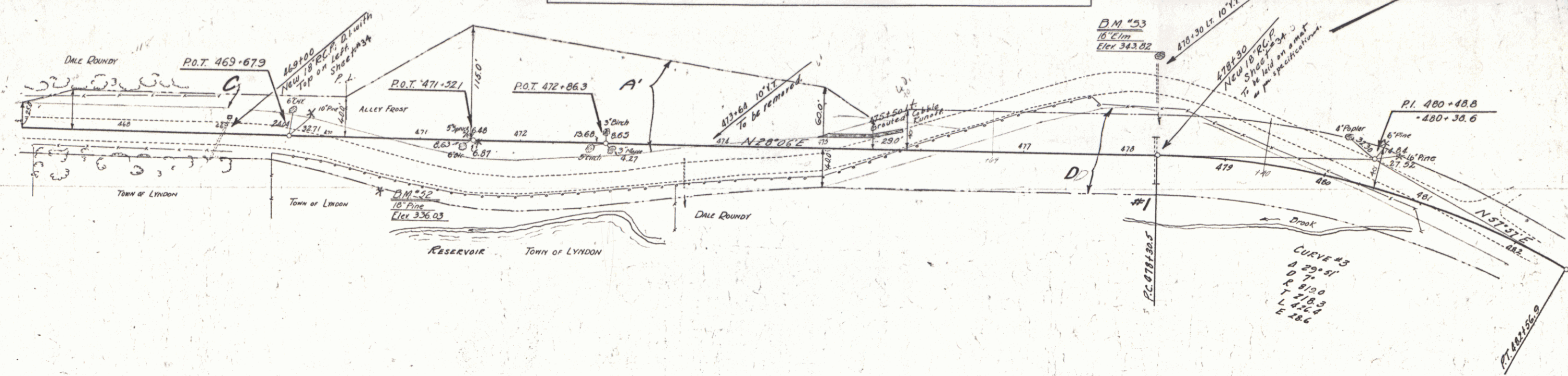
Station	Width	Area
4751.50	3'-0"	28.5 sq. ft.

WOOD GUIDE POSTS REQUIRED

Sta.	Left	Right
469100		2'

Parcel	Kind of Instrument	Date of Instrument	Grantor	Grantee	Recorded Lydon	Box	Page	Date	Remarks
C.P. 471.72	G.C.D.	1-3-32	DL LG & DN Rundy	St. of Ft.	3A	246	248	3-17-32	Cul. Sta. 4701.30
A		1-4-32	R.M. Frost		3A	248	248	3-17-32	

86C 1931 6 110



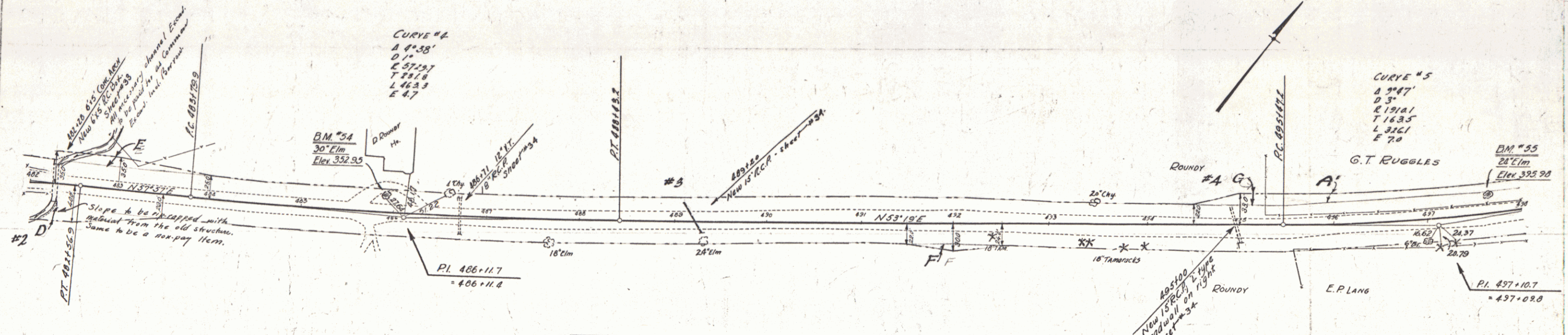
B.M. 52 Spire in Roof of Pine 52 ft. N. of Sta. 4701' Elev. 336.03
 B.M. 53

SERIES F 86C
 SHEET 6 of 110

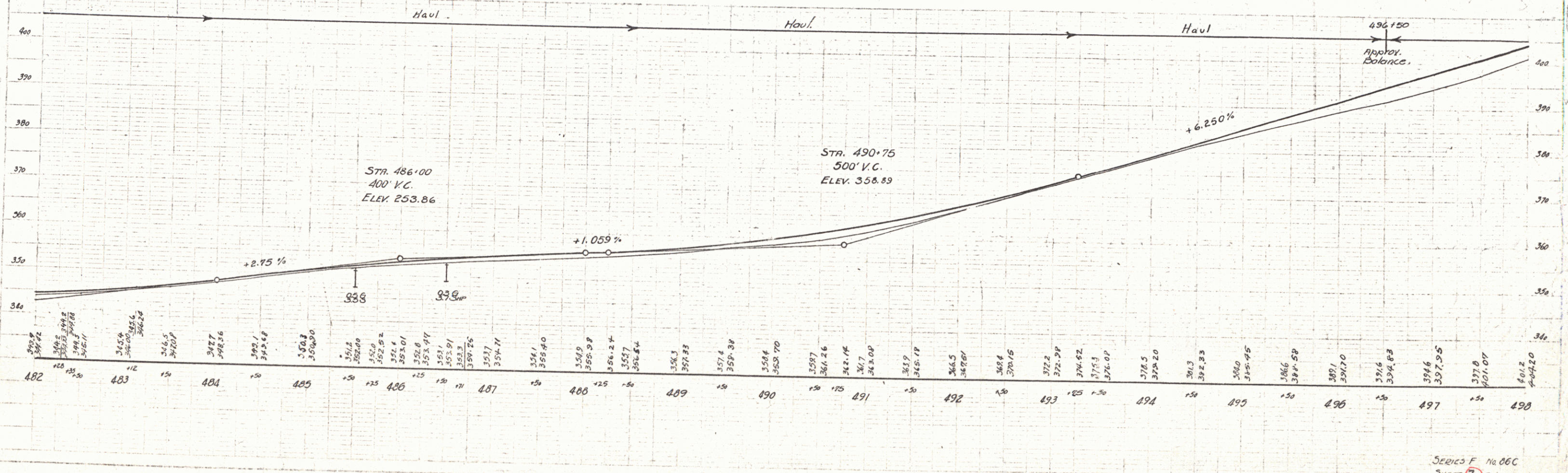
6

WOOD GUIDE POSTS REQUIRED			CABLE GUARD RAIL REQUIRED			NEW REIN. CONC. PIPE CULVERTS REQUIRED			NEW REIN. CONC. BOX CULVERTS REQUIRED		
Sta	Left	Right	Stations	Length	Height	Size	Diameter	Length	Concrete	Steel	St. Enca.
486.77	2	1	482.400-482.160	24'	4'	4"	18"	40'	402120	35#	75#
489.120	2	1	482.220-482.100	120'	4'	4"	18"	40'	402120	35#	75#
489.120	2	1	482.170-482.100	70'	4'	4"	18"	40'	402120	35#	75#

STATE OF TEXAS
 COUNTY OF TARRANT
 DISTRICT NO. 3
 VI. 86 C. 1931 7 110



Parcel	Kind of Instrument	Date of Instrument	Grantor	Grantee	Recorded	Remarks
D.E.F.G. Cont'd. 1932	C.C.D.	2-3-32	Ol. J.B. & D.N. Roundy	Stef. Ph.	34 246 248	3-17-32
A'	"	3-17-32	G.T. & F.R. Ruggles	"	34 252	3-17-32

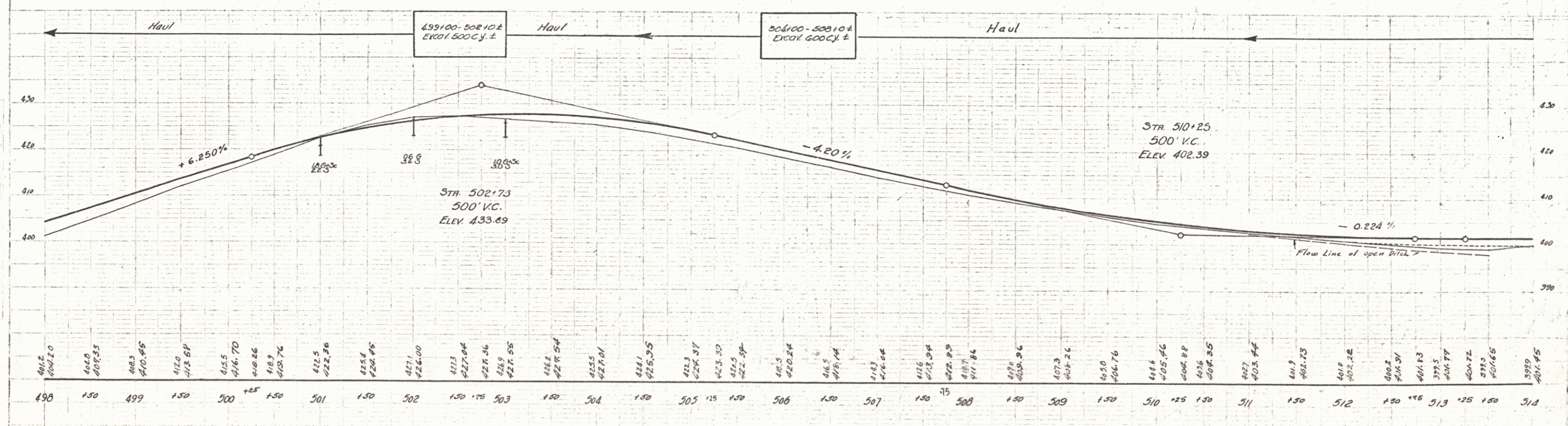
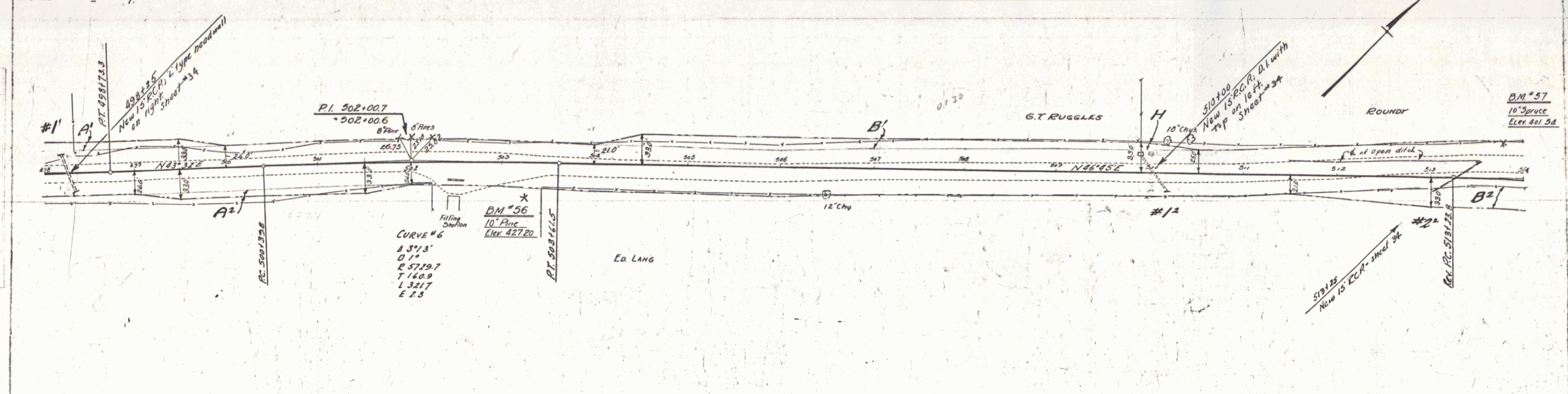


SERIES F No. 06C
 SHEET 7 OF 110

WOOD GUIDE POSTS REQUIRED			NEW REIN. CONG. PIPE CULVERTS REQUIRED					
Sta.	Left	Right	Sta.	diam.	Length	Code	Steel	C.R.M.
498+00			498+15	15"	24'	150y	7"	14"
510+00			510+00	15"	48'	150y	7"	14"
498+25	1	2	510+25	15"	44'	-	-	14"

Parcel	Kind of Instrument	Date of Instrument	Grantor	Grantee	Recorded	Remarks
H	O.C.D.	3-3-32	D.L. LANG	Bundy	34	241-248 3-17-32
A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z	"	3-17-32	G.T. RUGGLES	"	34	253 3-17-32
A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z	"	3-18-32	E.A. JONES	Lang	34	275-A 3-18-32

DATE 1931 86C 5 110



Vertical Curve
Data

Profile
Curve
Data

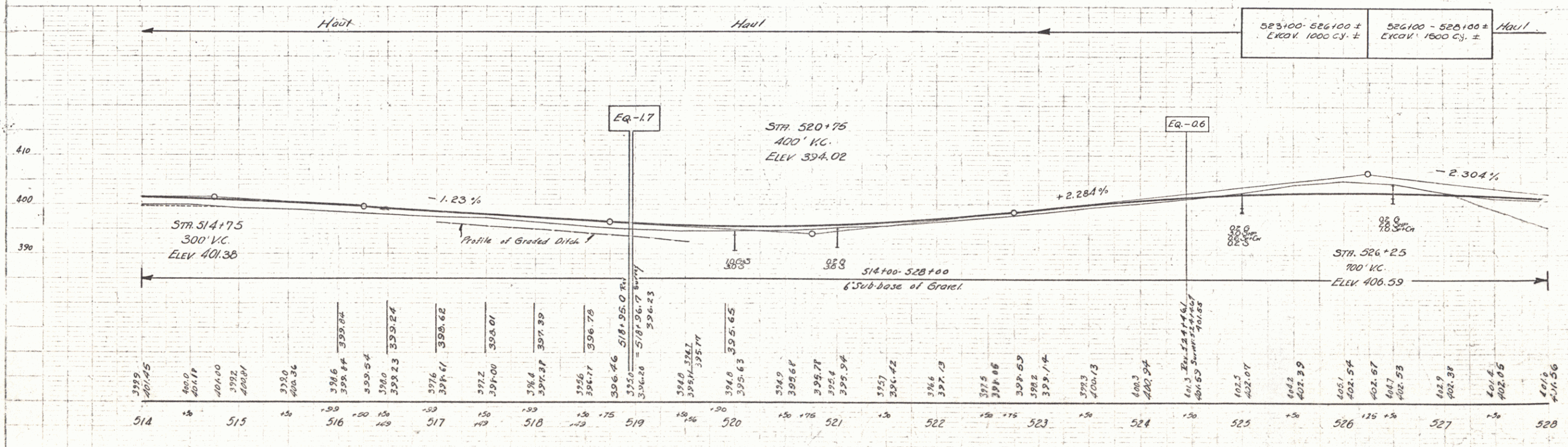
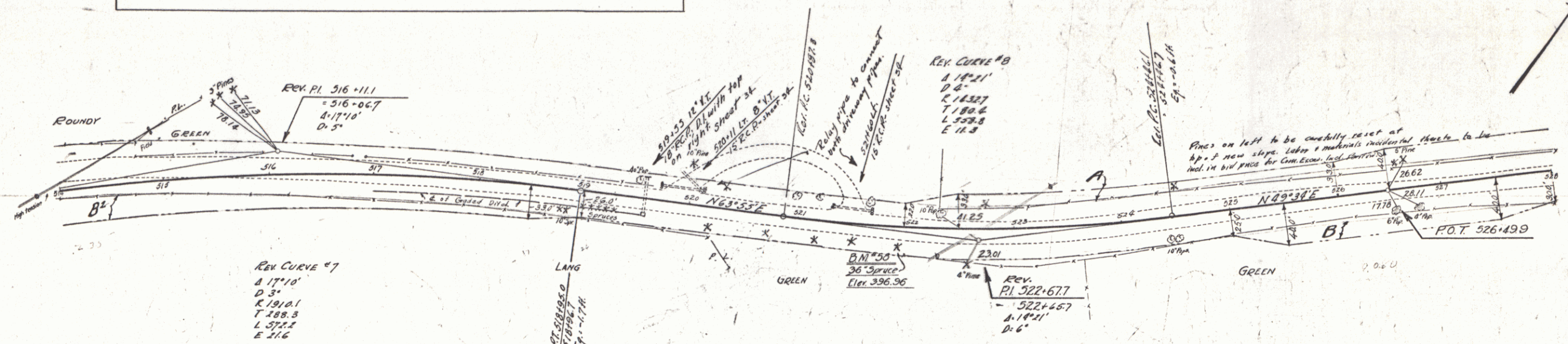
WOOD GUIDE POSTS REQUIRED
 Curb Sta Left Right
 519+55 2 2

NEW REIN. CONC. PIPE CULVERTS REQUIRED
 Sta. 519+55 18" 40' 15 CY 157' 1.89'

NEW REIN. CONC. DRIVEWAY PILES REQUIRED
 Sta. 520+11 L.R. 15' 40' 2.7 CY. 2.7

DATE: 1931.9.110

Parcel	Kind of Instrument	Date of Instrument	Grantor	Grantee	Recorded Book Page	Recorded Date	Remarks
B ¹	O.C.D.	3-15-32	EA. II. & ES. Lang	St. of H. 14	273-4	8-12-32	
A & B	"	4-1-32	W.H.F. D. Greene	" "	34 133-360	6-11-32	

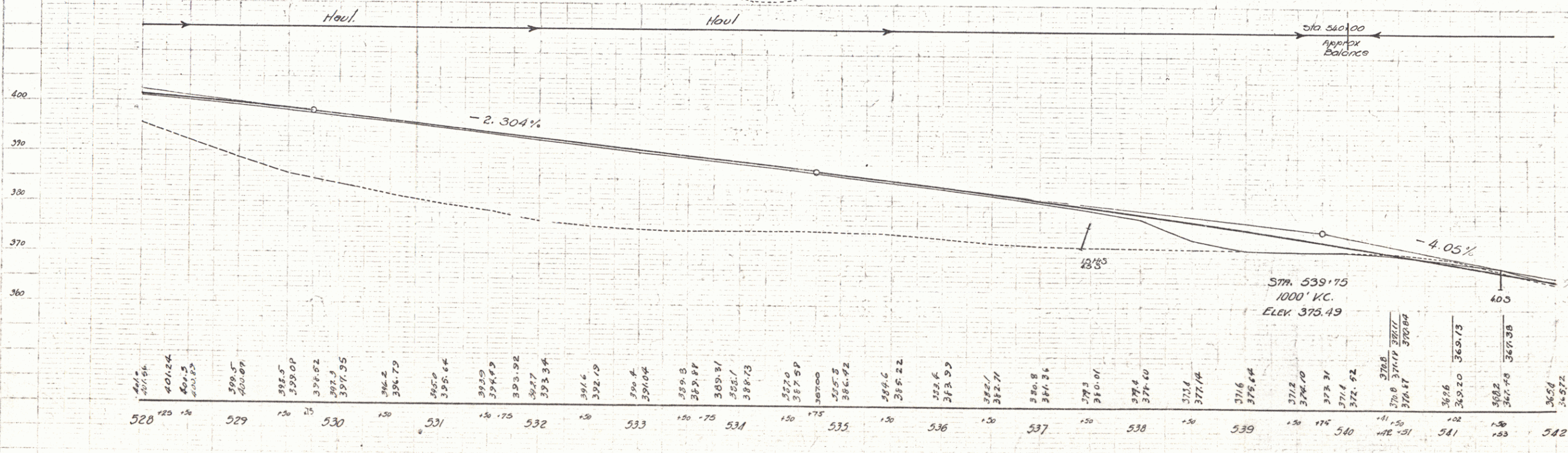
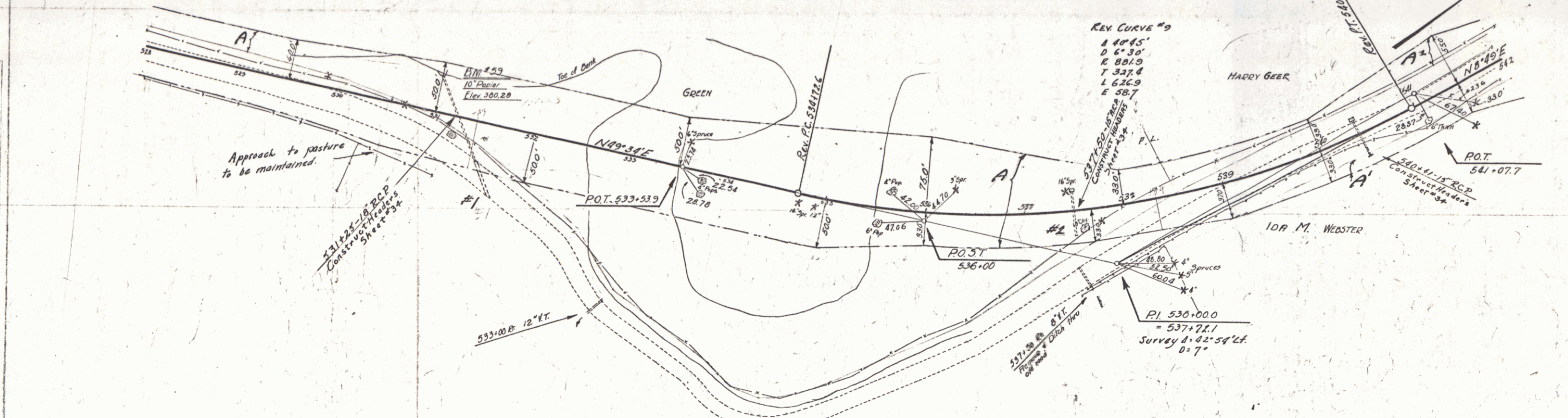


SERIES F No. 06C
 SHEET 9 OF 110

WOOD GUARD RAIL REQUIRED				CABLE GUARD RAIL REQUIRED				NEW REIN. CONC. PIPE CULVERTS REQUIRED						
Culv. Sta.	Left	Right	Stations	Length	Const.	By	Length	Sta.	Diam.	Length	Const.	Steel	C.R. No.	
537+50	1	-	528+40-531+80 R/L	40'	40'	40'	531+75	18"	18"	111	18"	111	18"	111
540+41	1	-	528+00-532+00 L/R	392'	40'	432'	537+50	18"	18"	111	18"	111	18"	111
			540+30-542+00 R/L	170'	40'	210'	540+41							

Parcel	Kind of Instrument	Date of Instrument	Grantor	Grantee	Recorded	Remarks
A, C, D, 14, 2	Q.C.D.	A-1-32	W.H. & F.D. Greene	Sto. 11	Book Page	6-11-32, Cully Sta. 531+50-537+50
"	"	5-15-32	Asst. In. Hubler & H. Almond	"	3A	257-9
"	"	3-15-32	Harry Von Geer	"	3A	151

STATE OF ILLINOIS
 COUNTY OF COOK
 86 C 1931 10 16



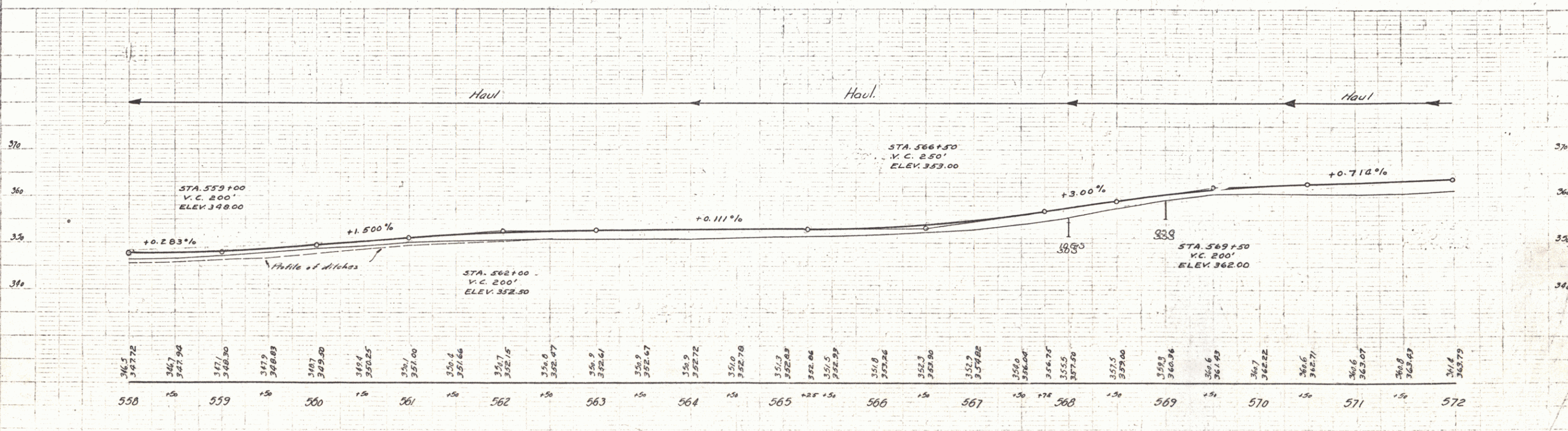
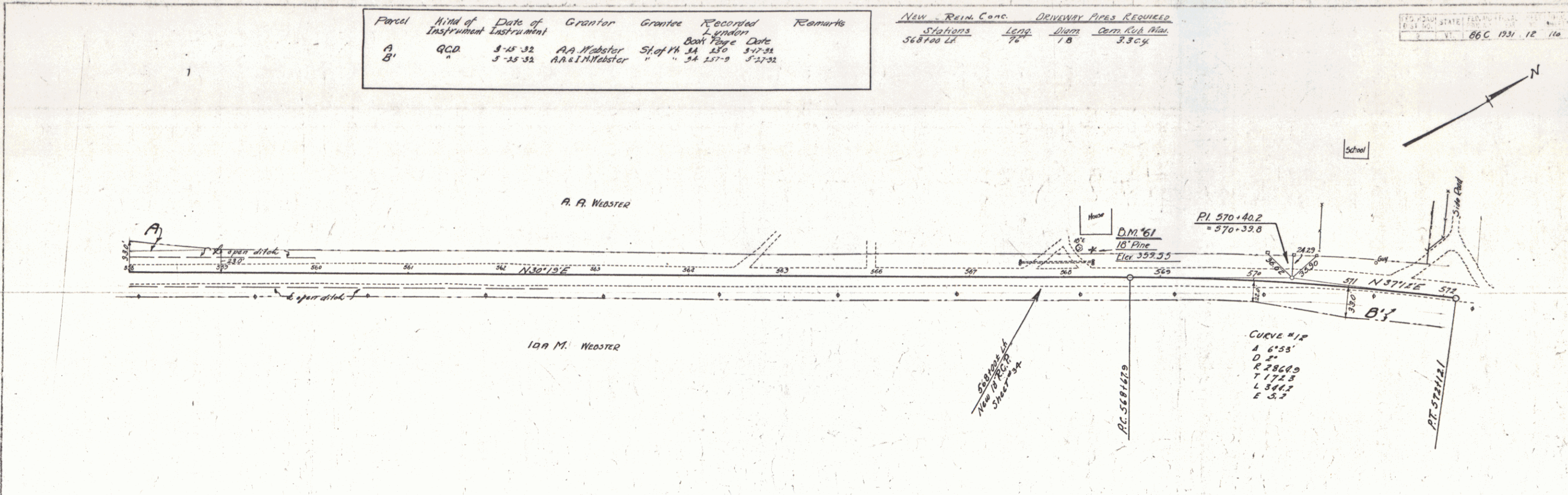
SERIES F. N° 86 C
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Parcel	Kind of Instrument	Date of Instrument	Grantor	Grantee	Recorded & Registered	Remarks
A	QCD	3-15-32	A.A. Webster	Sh of Ph	34 130 5-17-32	
B	"	3-25-32	A.A. & I.H. Webster	"	34 131-9 3-27-32	

Stations	Rein. Conc.	Length	Diam	Drain	Req. Reb. Max.
568+00 Lt		76'	18"		3.3cy

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 PROJECT NO. 86C. 1931. 12 110



Scale: 1" = 40' (Plan)
 1" = 10' (Profile)

Scale: 1" = 40' (Plan)
 1" = 10' (Profile)

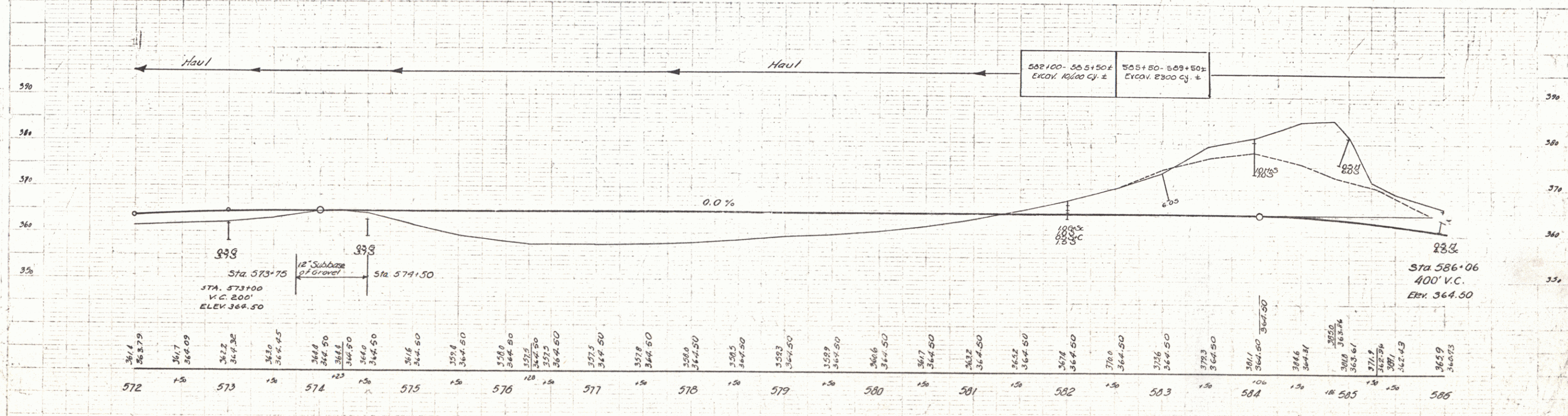
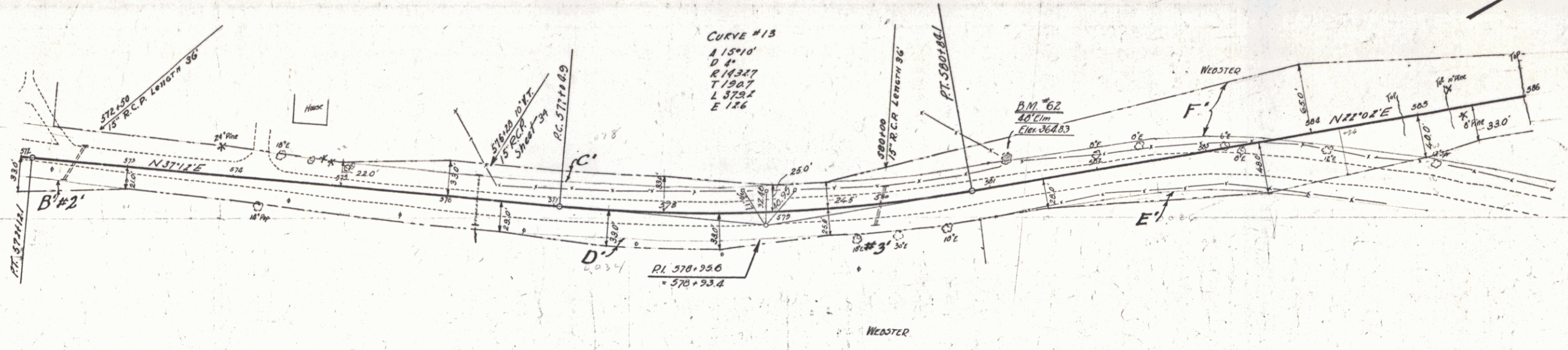
SERIES F N° 06C
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12

Wood Guide Posts			CABLE GUARD RAIL REQUIRED			NEW POINT CONC. PIPE CULVERTS REQUIRED			Parcel	Kind of Instrument	Date of Grant	Grantee	Recorded	Remarks	
Culv. Sta.	Left	Right	Stations	Length	Const. By	Station	Diarm	Length	C.C. or Steel				Book	Page	Date
572.50	1	1	576128 LI	48'	80'	85'	15"	40'	2.3						
580.00	1	1	576128 RI	48'	40'	85'	15"	40'	2.3						

Parcel	Kind of Instrument	Date of Grant	Grantee	Recorded	Remarks
B.C.D.E.F.	G.C.D.	5-25-32	AA & IM Webster St. of PA SA 257-9	5-27-32	Culv. Sta. 572.50 & 580.00

EDUCATIONAL STATE PLANNING
 66C 1931 13 110

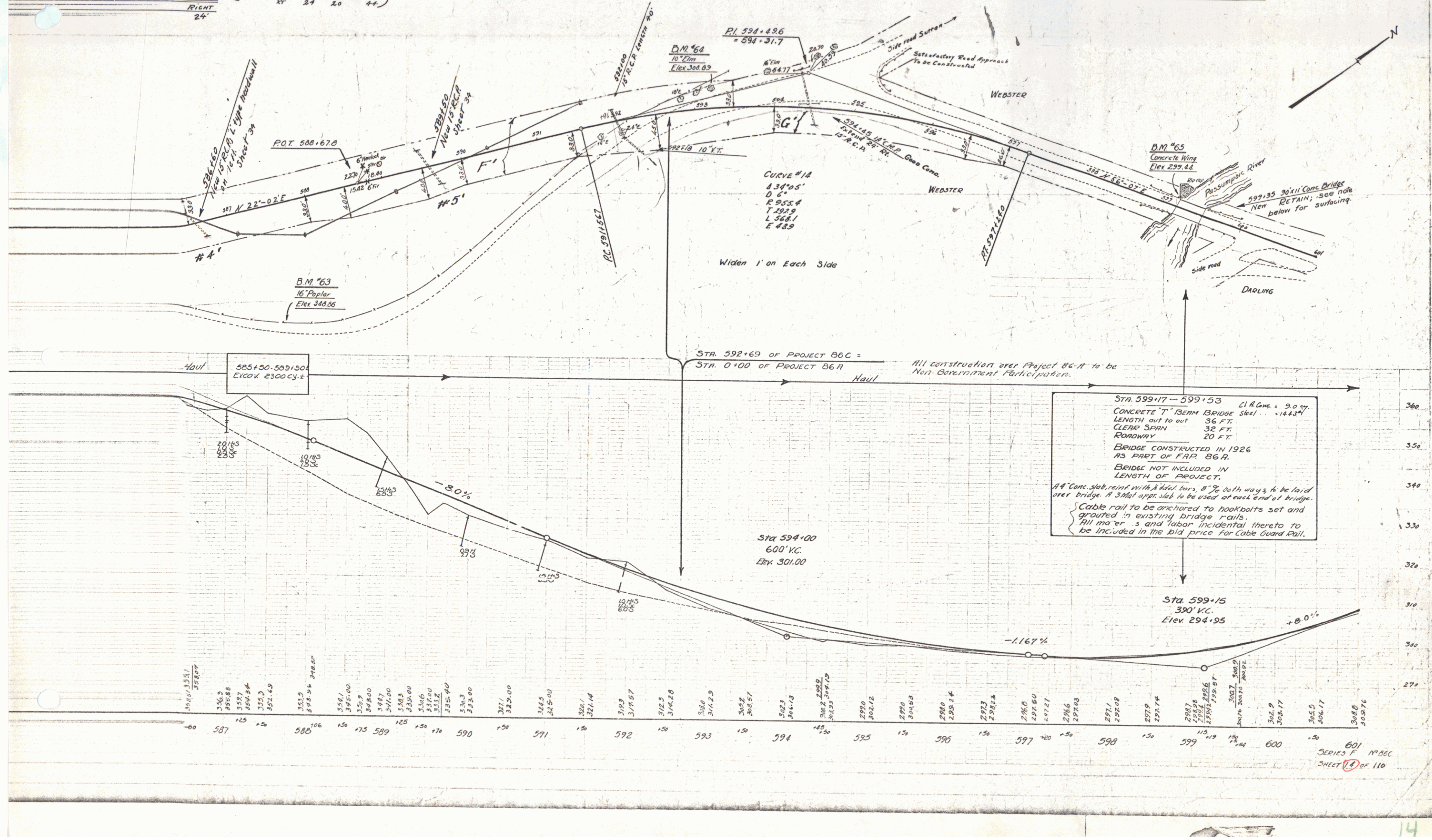


SERIES F No 66C
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Right	Stations	Length	By	Sta	Diam	Length	C.R.M.	Concrete	Steel
2	53170-53180	280'	40'	320'	586160	15"	48'	1.504	1.504
Bridge	53917	24'	20'	44'	539150	15"	52'	1.2	1.2
	53918	24'	20'	44'	539145	15"	24'	1.2	1.2
	53919	24'	20'	44'	539140	15"	40'	1.2	1.2

Parcel Kind of Date of Grantor Grantee Recorded Lyndon
 Instrument Instrument
 F. G. C. A. D. 5-25-32 A. A. L. M. Webster Sta. 114 157-9 5-27-32 C. W. Sta. 586160-539140 Book Page Date

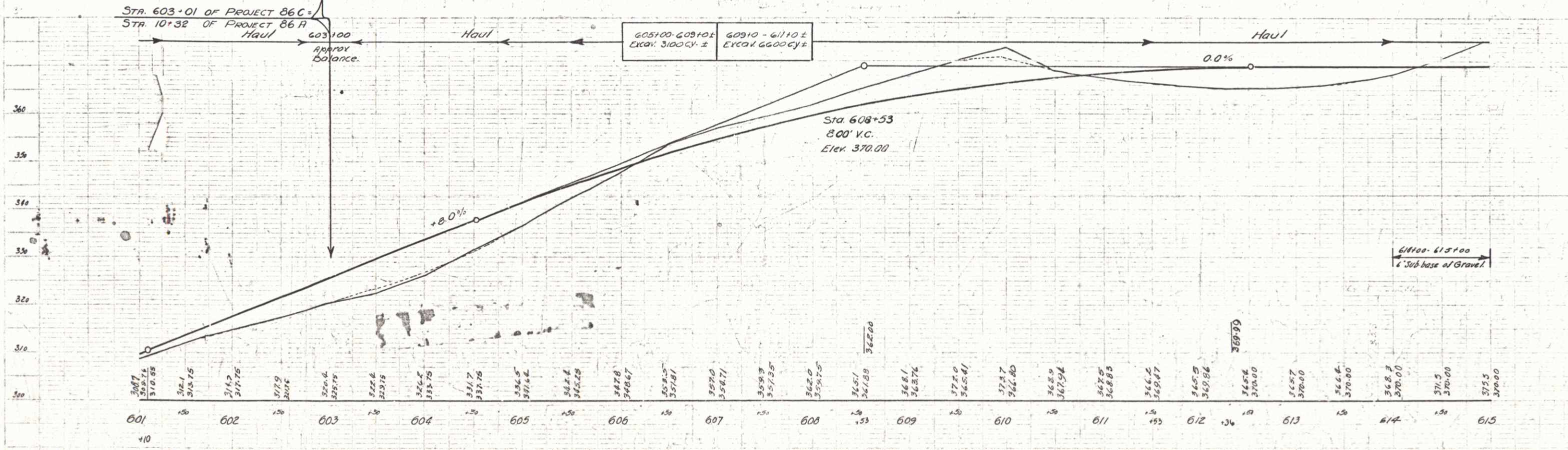
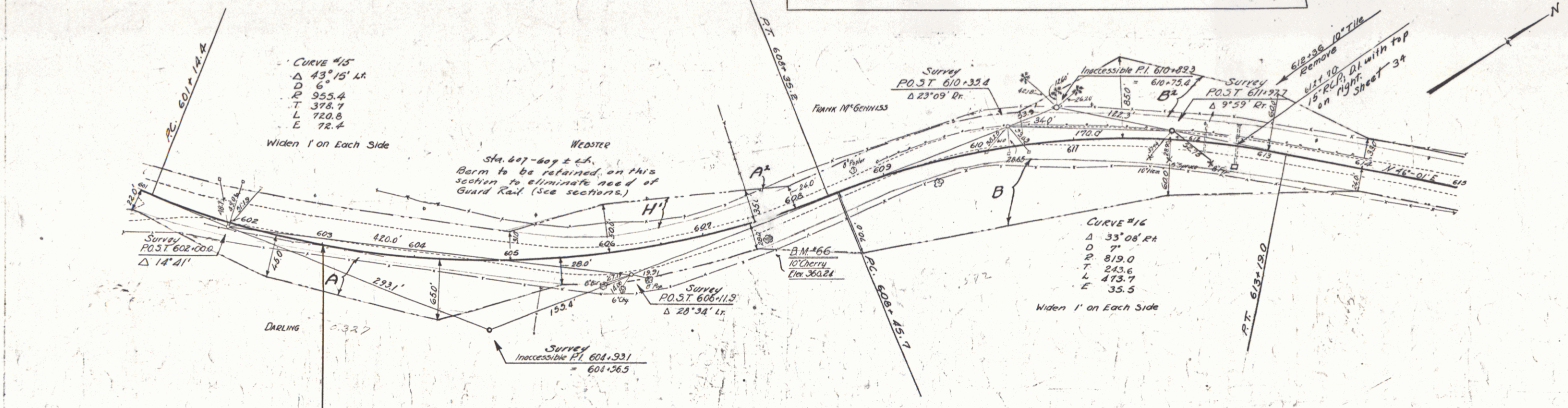
06 C 1931 14 110



WOOD GUIDE POSTS REQUIRED		CABLE GUARD RAIL REQUIRED			NEW REIN. CONC. PIPE CULVERTS REQUIRED					
Culv. Sta.	Left	Right	Stations	Len. Const.	Qty./Len.	Sta.	Diam.	Len.	Comp. R. C.R.M. Steel	
612+70		2	601+70 - 605+70 EA	400'	40'	440'	612+70	15"	56'	15cy 1.2 107'
			607+70 - 608+60 EA	142'	40'	142'				
			607+70 - 608+60 EA	365'	40'	405'				

Parcel	Kind of Instrument	Date of Grant	Grantor	Grantee	Recorded	Remarks
N ^o 1	O.C.D.	5-25-32	AA & M Webster	Staff	34	257-3 5-27-32
A & B	"	8-9-32	C.A. Darling	"	34	272-3 8-9-32
A & B	"	5-27-32	Fl. & H.C. McGinnis	"	34	216-7 5-27-32

SCALE 1" = 100'



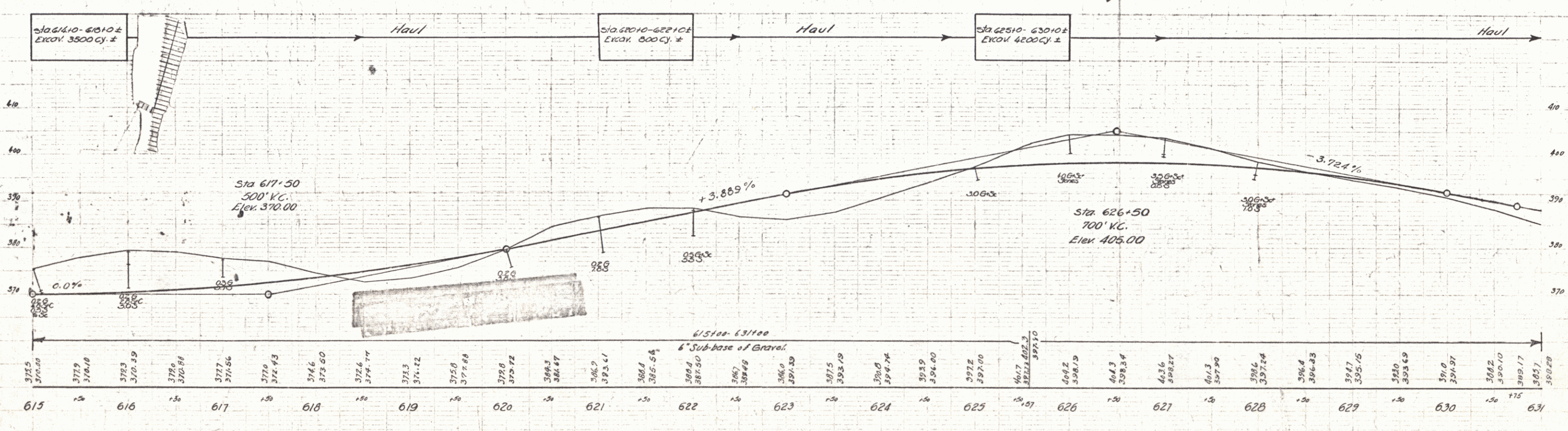
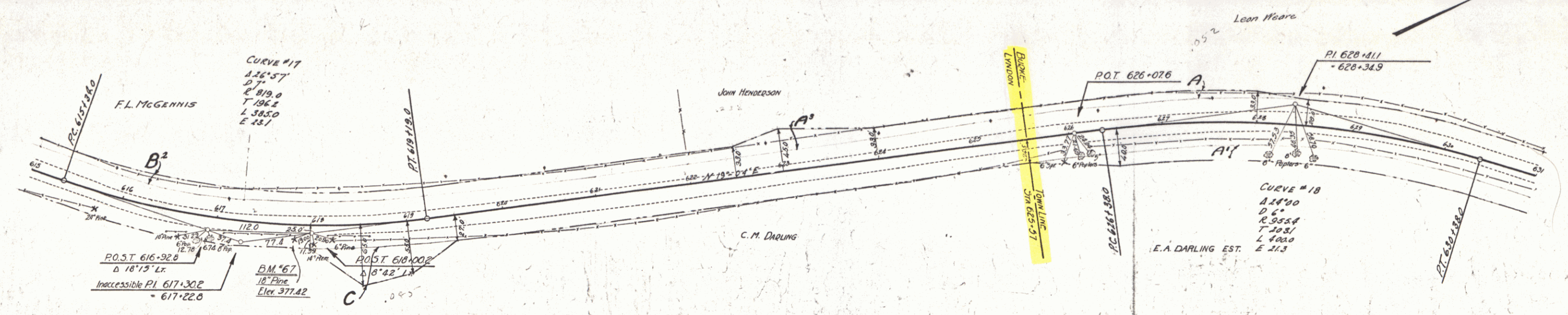
SERIES F 119 06 C
SHEET 15 OF 110

15

CHALK GUARD RAIL REQUIRED
 Stations Long Const. Poly. Length
 617176-619120 144' 48" 184'
 621120-625100 14' 32" 20' 36"
 630180-631100 14' 20' 40'

Parcel	Kind of Instrument	Date of Grant	Grantor	Grantee	Recorded	Remarks
A	O.C.D.	5-25-32	Leon Leach Weare	Staff	Book Page Date	Burke
B ²	O.C.D.	8-9-32	C.M. Darling	"	180 154 8-30-32	"
"	"	5-27-32	F.L. McGennis	"	3A 256-7 5-20-32	Lynden
C	"	8-9-32	C.M. Darling	"	3A 172-3 8-9-32	"
A ³	"	11-30-32	J.H. & E.V. Henderson	"	3A 286 12-12-32	"

06C 1231 16 110



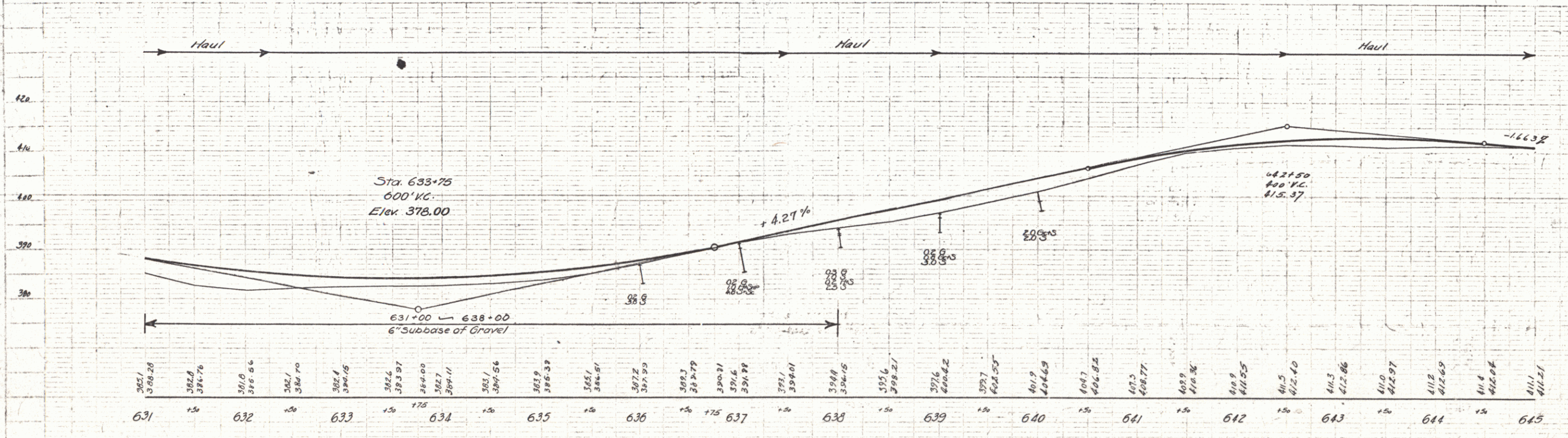
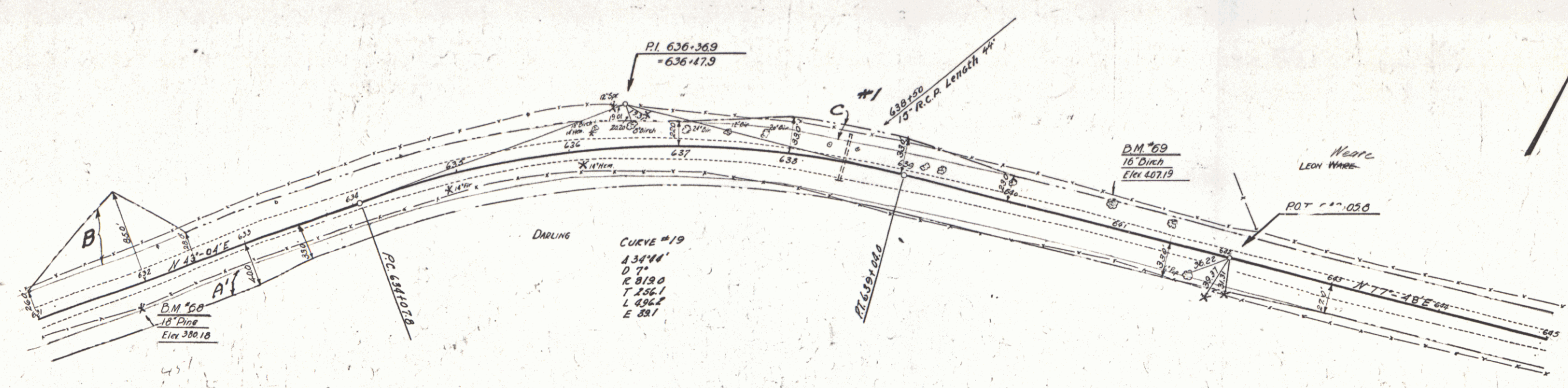
SERIES F N° 06C
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16

WOOD GUARD RAIL				CABLE GUARD RAIL REQUIRED				NEW REIN. CONC. PIPE CULVERTS REQUIRED				
Cul. Sta.	Exit	Right	Stations	Long.	Const.	By	Long.	Sta.	Diam.	Long.	C.E.M.	Steel
6387.50	24'	24'	6317.00-6317.00	500'	20'	32.0		6387.50	15"	48'	1.2%	

Parcel	Kind of Instrument	Date of Grant	Grantor	Grantee	Recorded	Remarks
B.C. Cul. #1	G.C.D.	5-25-32	Leah & Leah Ware	St. of N. 190	Book Page Date	4-29-32 Cul. Sta 639+50
A'	"	8-19-32	C.N. Darling	"	182 15A	8-31-32

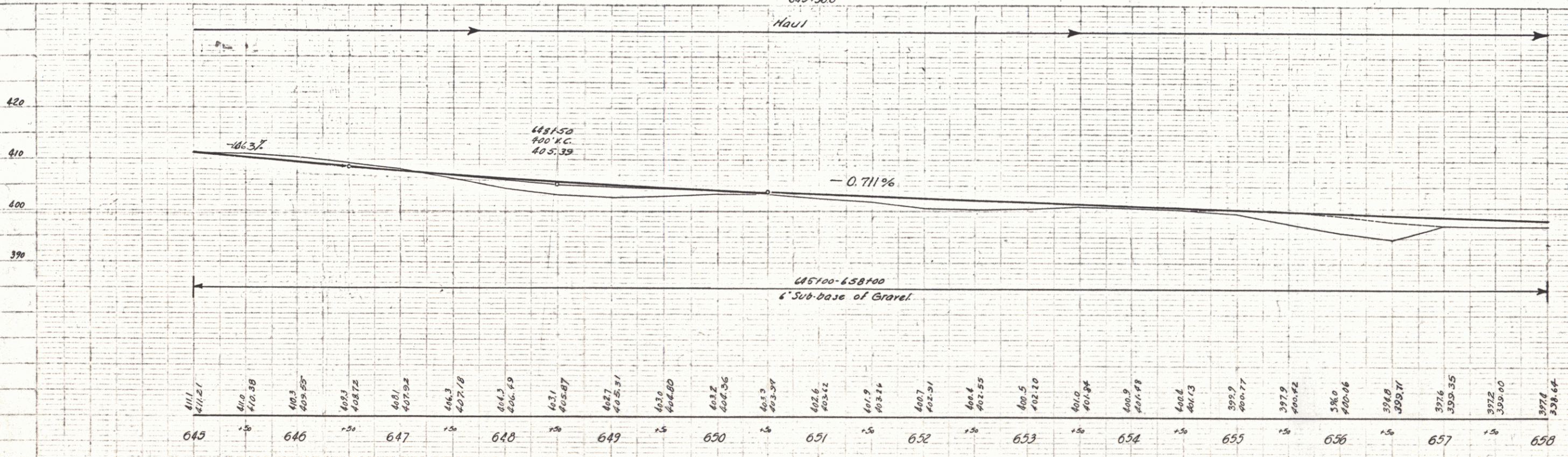
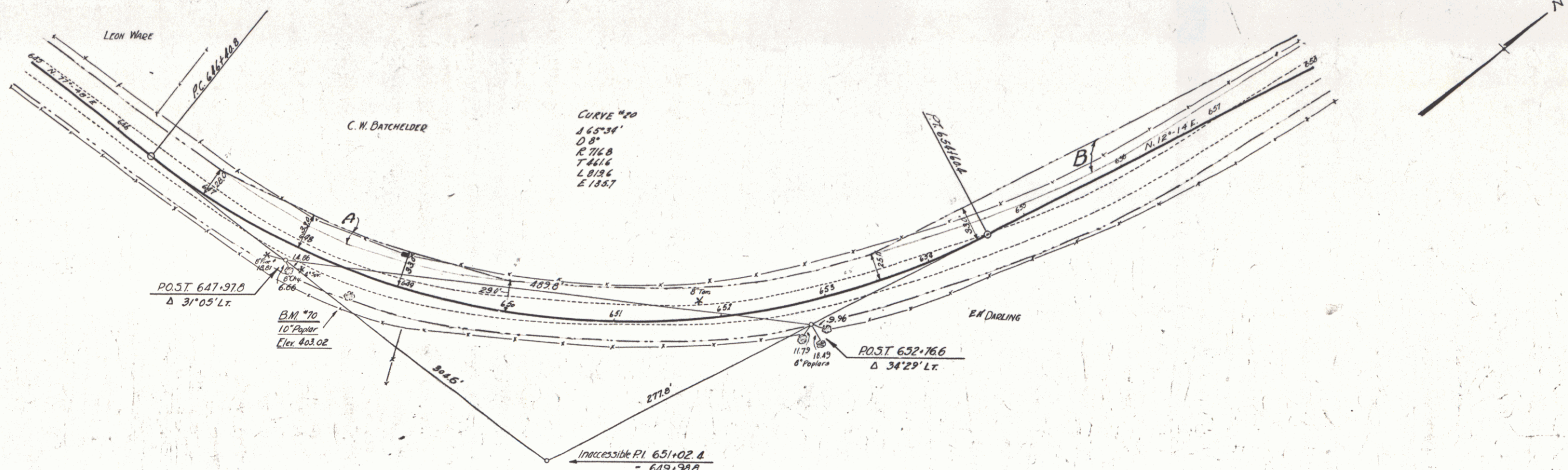
RECORD STATE 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200
 86 C 175 17 110



CABLE GUARD RAIL REQUIRED			
STA. - STA.	LENG.	CONS.	PAY LENG.
647+70 - 649+34	164'	40'	224'

Parcel	Kind of Instrument	Date of Instrument	Grantor	Grantee	Recorded Book Page	Date	Remarks
A.B.	G.C.D.	2-4-32	C.N. & J. Batchelder	Stoff	10 306	3-17-32	

FILE NO.	DATE	BY	REVISION
86 C 1931	10	110	



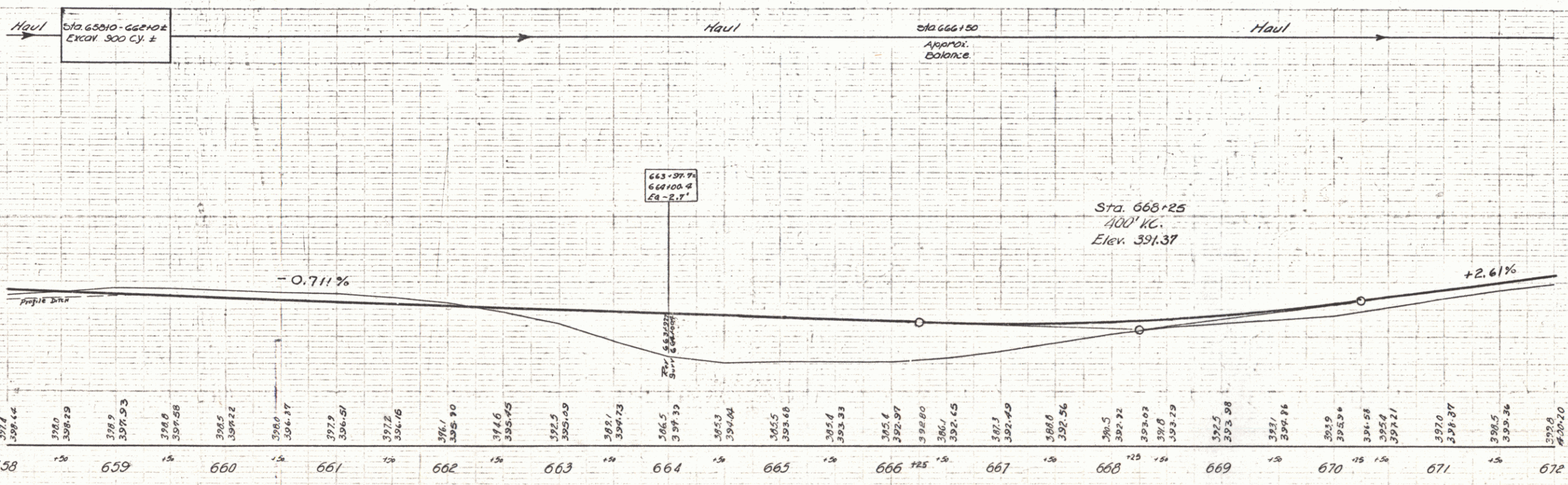
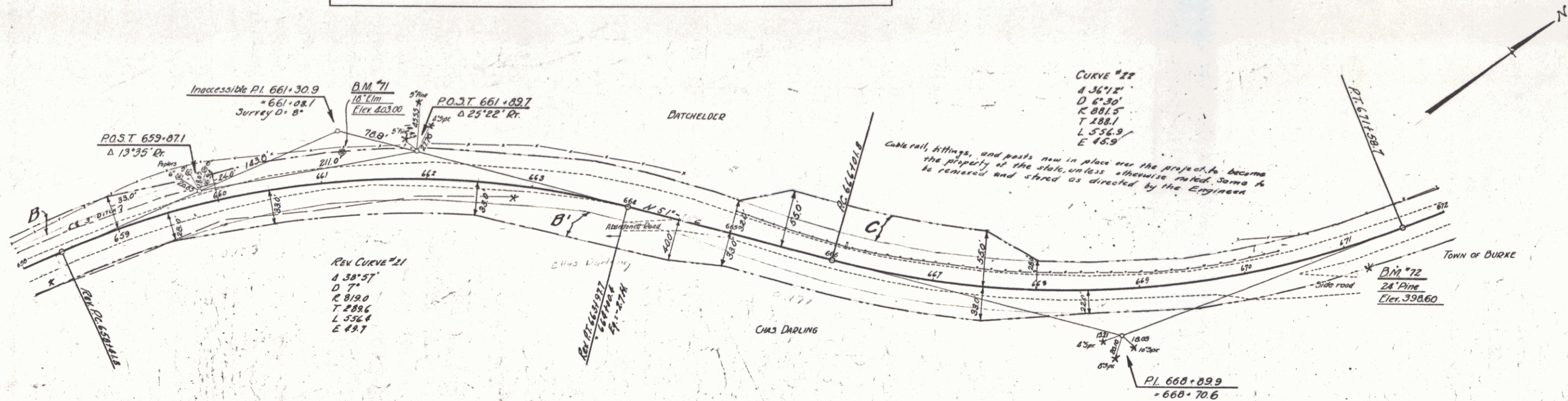
PLAN
SCALE 1" = 40'

PROFILE
SCALE 1" = 10'

CABLE GUARD RAIL REQUIRED
 Stations: 664+80-668+40 L₁ 360' 40" 400'
 663+00-669+44 R₁ 144' 40" 184'

Parcel	Kind of Instrument	Date of Instrument	Grantor	Grantee	Recorded Book	Page	Date	Remarks
B&C	C.C.D.	1-A-32	C.M. J. Batchelder	St. of W.	18	384	3-17-32	
"	"	8-9-32	C.M. Darling	"	19	154	8-31-32	

STATE OF MASSACHUSETTS
 DISTRICT OF WORCESTER
 66C 1937 19 110



SERIES F N° 66C
 SHEET 19 OF 110

WOOD GUIDE POSTS REQUIRED

Curve Sta	Left	Right
676+71		
680+29		
685+39		

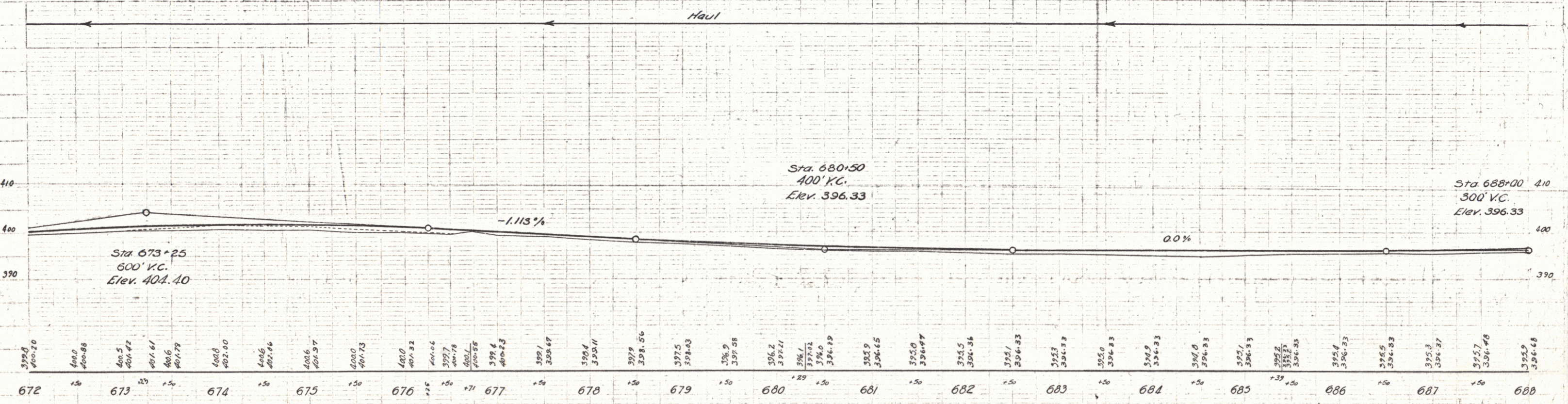
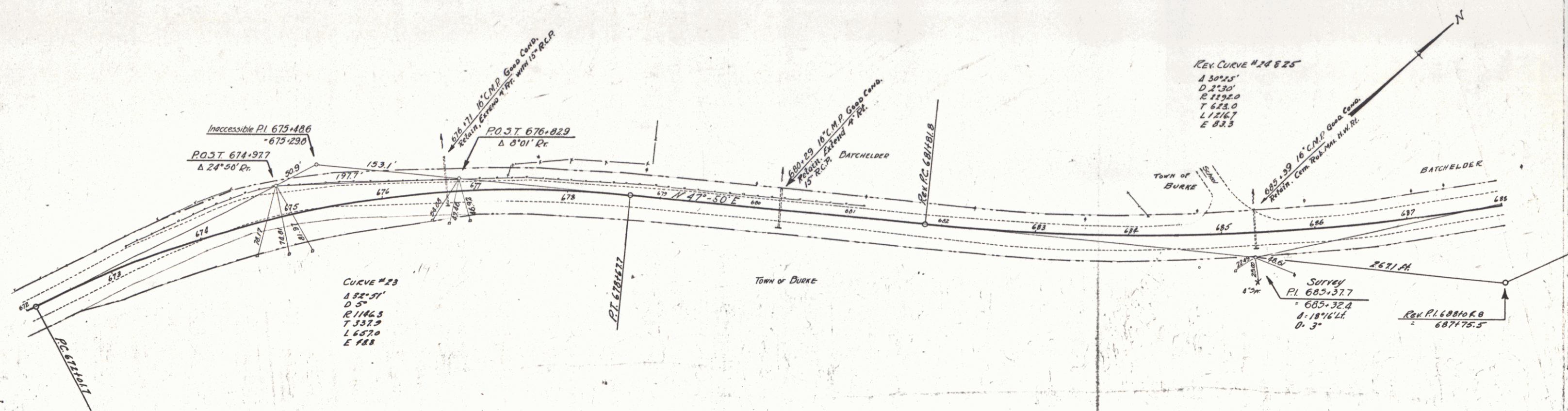
NEW PUMP CONC. PIPE CULVERTS REQUIRED

Sta.	Diam.	Len.	Comp.	C.R.M.	Steel
676+71	15"	4'		1.2%	

CURVED GALV. METAL PIPES RETAINED

Sta.	Diam.	Com.	Pub. Wgt.
683+39	16"		1.5%

STATE OF ILLINOIS
 06C 1931 20 110



398.0	400.0	400.5	401.0	401.5	402.0	402.5	403.0	403.5	404.0	404.5	405.0	405.5	406.0	406.5	407.0	407.5	408.0	408.5	409.0	409.5	410.0	410.5	411.0	411.5	412.0	412.5	413.0	413.5	414.0	414.5	415.0	415.5	416.0	416.5	417.0	417.5	418.0	418.5	419.0	419.5	420.0	420.5	421.0	421.5	422.0	422.5	423.0	423.5	424.0	424.5	425.0	425.5	426.0	426.5	427.0	427.5	428.0	428.5	429.0	429.5	430.0	430.5	431.0	431.5	432.0	432.5	433.0	433.5	434.0	434.5	435.0	435.5	436.0	436.5	437.0	437.5	438.0	438.5	439.0	439.5	440.0	440.5	441.0	441.5	442.0	442.5	443.0	443.5	444.0	444.5	445.0	445.5	446.0	446.5	447.0	447.5	448.0	448.5	449.0	449.5	450.0	450.5	451.0	451.5	452.0	452.5	453.0	453.5	454.0	454.5	455.0	455.5	456.0	456.5	457.0	457.5	458.0	458.5	459.0	459.5	460.0	460.5	461.0	461.5	462.0	462.5	463.0	463.5	464.0	464.5	465.0	465.5	466.0	466.5	467.0	467.5	468.0	468.5	469.0	469.5	470.0	470.5	471.0	471.5	472.0	472.5	473.0	473.5	474.0	474.5	475.0	475.5	476.0	476.5	477.0	477.5	478.0	478.5	479.0	479.5	480.0	480.5	481.0	481.5	482.0	482.5	483.0	483.5	484.0	484.5	485.0	485.5	486.0	486.5	487.0	487.5	488.0	488.5	489.0	489.5	490.0	490.5	491.0	491.5	492.0	492.5	493.0	493.5	494.0	494.5	495.0	495.5	496.0	496.5	497.0	497.5	498.0	498.5	499.0	499.5	500.0
672	1.50	673	2.50	674	3.50	675	4.50	676	5.50	677	6.50	678	7.50	679	8.50	680	9.50	681	10.50	682	11.50	683	12.50	684	13.50	685	14.50	686	15.50	687	16.50	688	17.50	689	18.50	690	19.50	691	20.50	692	21.50	693	22.50	694	23.50	695	24.50	696	25.50	697	26.50	698	27.50	699	28.50	700	29.50	701	30.50	702	31.50	703	32.50	704	33.50	705	34.50	706	35.50	707	36.50	708	37.50	709	38.50	710	39.50	711	40.50	712	41.50	713	42.50	714	43.50	715	44.50	716	45.50	717	46.50	718	47.50	719	48.50	720	49.50	721	50.50	722	51.50	723	52.50	724	53.50	725	54.50	726	55.50	727	56.50	728	57.50	729	58.50	730	59.50	731	60.50	732	61.50	733	62.50	734	63.50	735	64.50	736	65.50	737	66.50	738	67.50	739	68.50	740	69.50	741	70.50	742	71.50	743	72.50	744	73.50	745	74.50	746	75.50	747	76.50	748	77.50	749	78.50	750	79.50	751	80.50	752	81.50	753	82.50	754	83.50	755	84.50	756	85.50	757	86.50	758	87.50	759	88.50	760	89.50	761	90.50	762	91.50	763	92.50	764	93.50	765	94.50	766	95.50	767	96.50	768	97.50	769	98.50	770	99.50	771	100.50		

SERIES F. NO 06C
 SHEET 20 OF 110

Wood Guide Posts

Cut Sta	Left	Right
698+00	1	-

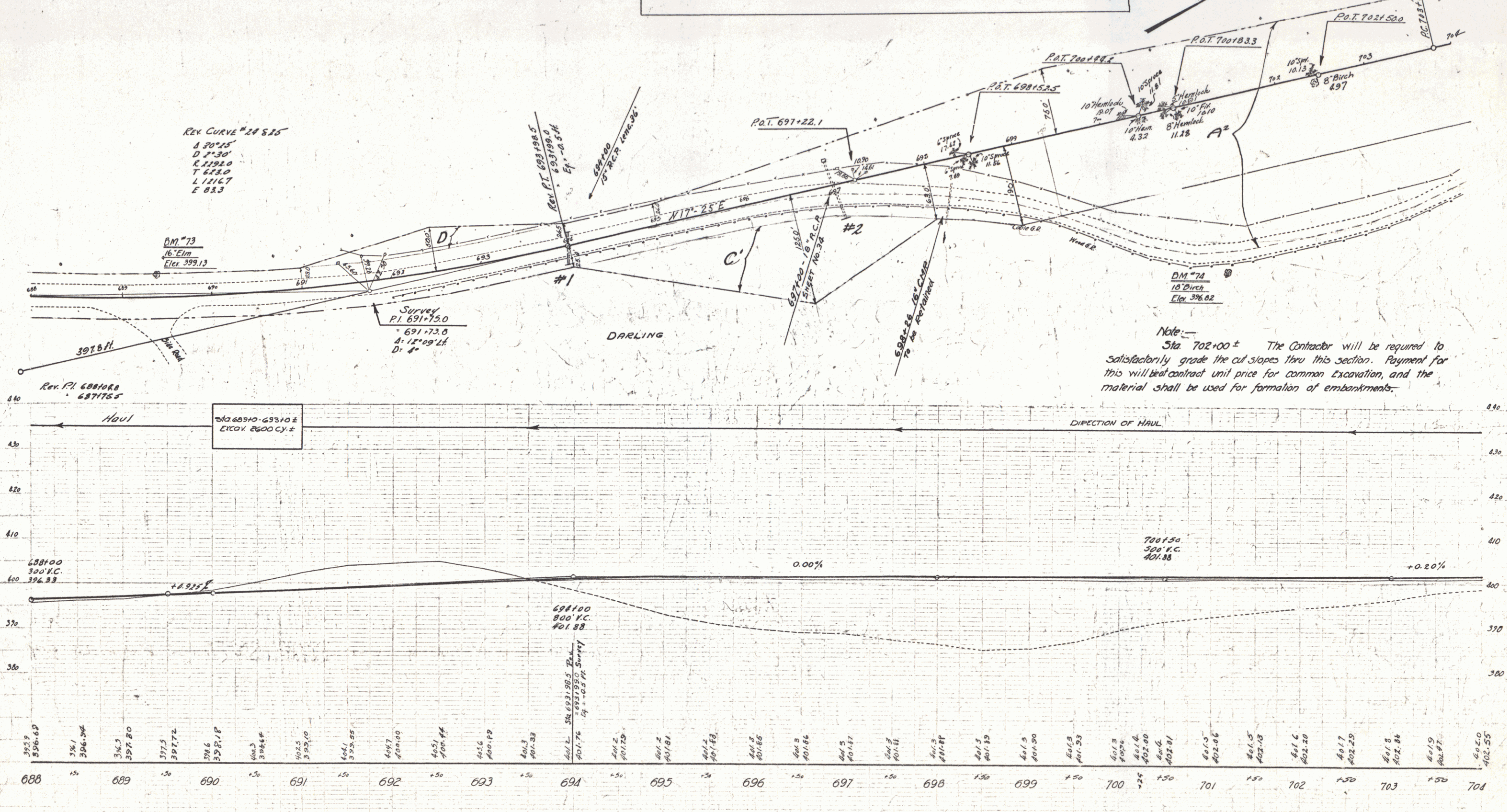
CABLE GUARD RAIL REQUIRED

Stations	Length	Cost	Qty
697+00-699+20	20	40	560
697+20-701+00	33	66	880

NEW PRINF. CONG. PIPE CULVERTS REQUIRED

Station	Diam	Length	Cost	Qty	C.R.M.
697+00	15"	36'	1.80	157	1.27
698+00	15"	36'	1.80	157	2.37

Parcel	Kind of Instrument	Date of Instrument	Grantor	Grantee	Recorded	Remarks
C' Culv 7 1/2 x 2	G.C.D.	8-9-32	C.M. Darling	Stofly	19C 154	8-31-32, Cut Sta. 694+00
D	"	1-4-32	C.W. & J. Batchelder	"	18 306	3-17-32, 697+00
A	W.D.	1-4-32	C.W. & J. Batchelder	"	19C 60	3-17-32



Note:
 Sta. 702+00 ± The Contractor will be required to satisfactorily grade the cut slopes thru this section. Payment for this will be at contract unit price for common Excavation, and the material shall be used for formation of embankments.

WOOD GUARD RAIL REQUIRED				CABLE GUARD RAIL REQUIRED				NEW REIN. CONC. PIPE CULVERTS REQUIRED			
Culv. Sta.	Left	Right	Point	Stations	Length	Grade	Fly-lead	Station	Diam	Length	C.R. %
705+00	24'	-	705+00	705+00-705+00	0	0	0	705+00	18"	36'	3.5%
712+50	-	-	712+50	711+96-712+00	40	3.4%	0	712+50	15"	30'	2.7%

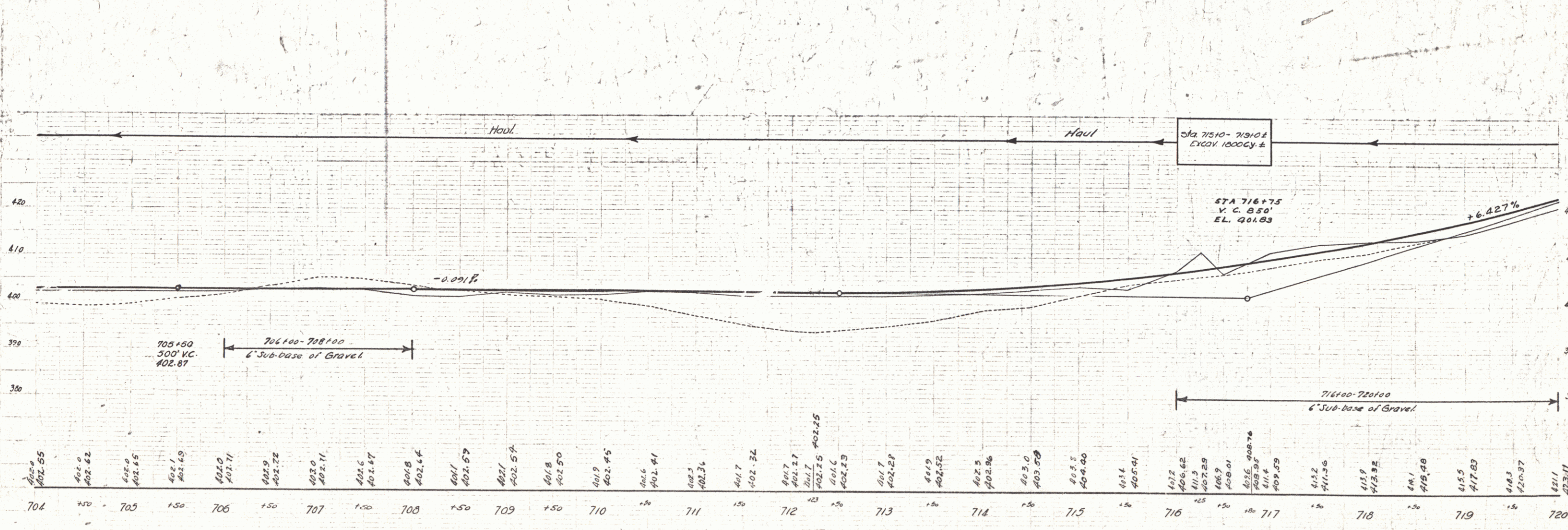
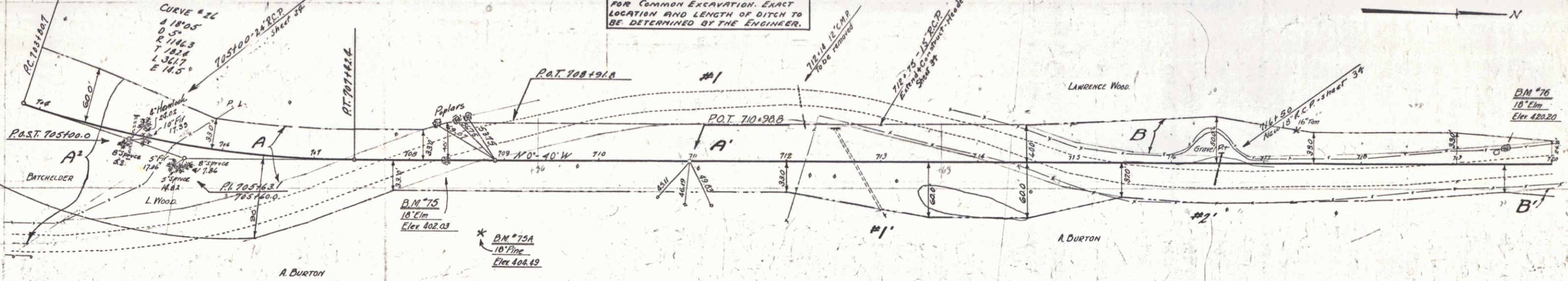
Parcel	Kind of Instrument	Date of Instrument	Grantor	Grantee	Recorded Book	Page	Date	Remarks
A ²	M.D.	2-4-32	C.H. Batchelder	Staff	190	60	3-17-32	
Culv. Inlet #1	G.C.D.	2-23-32	C.H. Batchelder	"	190	129	3-17-32	Sta. 705+00 to Sta. 712+50
A.B. D.K.A. #1	"	5-27-32	W.L. & N.P. Wood	"	190	166	6-18-32	Sta. 712+50 to Sta. 716+75
A.B. D.K.A. #2	"	5-27-32	A.H. & Emily Burton	"	190	7A	5-30-32	Culv. Sta. 712+50 to Sta. 716+75

DIST. NO.	STATE	FED. AID PROJ. NO.	YEAR	SHEET NO.	TOTAL SHEETS
9	VT.	86C	1931	22	110

WOOD GUIDE POSTS REQUIRED

Sta.	Left	Right
716+50	1	2

NOTE - OPEN DITCH APPROX. 450' LEFT OF STA. 710± TO BE CONSTRUCTED TO DRAIN SURFACE WATER SOUTH FROM STA. 712±. THE EXCAVATION FOR THIS WORK TO BE AT CONTRACT UNIT PRICE FOR COMMON EXCAVATION. EXACT LOCATION AND LENGTH OF DITCH TO BE DETERMINED BY THE ENGINEER.



Station	Elevation	Station	Elevation	Station	Elevation	Station	Elevation	Station	Elevation
704	402.85	705	402.82	706	402.71	707	402.22	708	402.14
705	402.85	706	402.69	707	402.11	708	401.87	709	402.54
706	402.80	707	402.11	708	401.87	709	402.54	710	402.45
707	402.22	708	401.87	709	402.54	710	402.45	711	402.41
708	402.14	709	402.54	710	402.45	711	402.41	712	402.25
709	402.54	710	402.45	711	402.41	712	402.25	713	402.28
710	402.45	711	402.41	712	402.25	713	402.28	714	402.26
711	402.41	712	402.25	713	402.28	714	402.26	715	402.58
712	402.25	713	402.28	714	402.26	715	402.58	716	406.62
713	402.28	714	402.26	715	402.58	716	406.62	717	411.3
714	402.26	715	402.58	716	406.62	717	411.3	718	413.92
715	402.58	716	406.62	717	411.3	718	413.92	719	415.48
716	406.62	717	411.3	718	413.92	719	415.48	720	423.11

SERIES F N° 866
SHEET 22 OF 110

WOOD GUARD RAIL REQUIRED

Sta	Left	Right
733+50	24'	24'

WOOD GUIDE POSTS REQUIRED

Sta	Left	Right
733+50	2	2

NEW REIN. CONC. PIPE CULVERTS REQUIRED

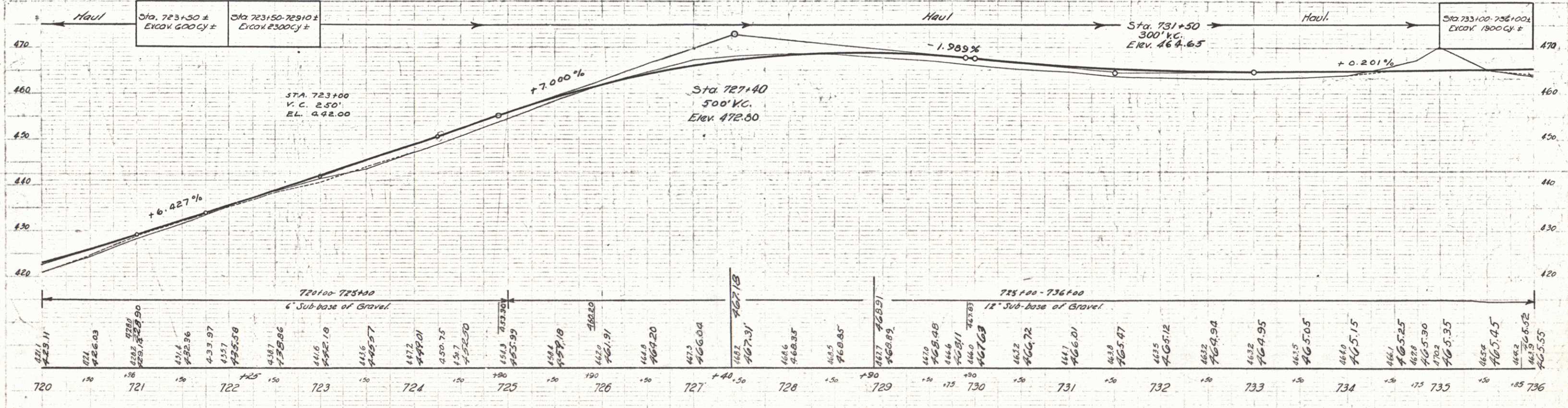
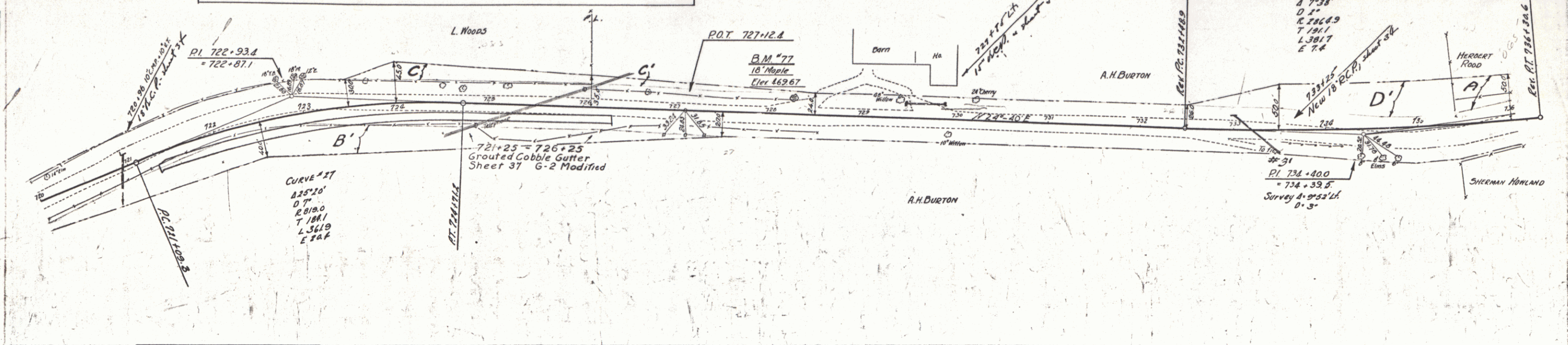
Station	Diam	Length	Conc. R.	Steel	C.R.M.
733+25	18"	40'	-	-	14.7y.
722+96	18"	60'	1.8cy.	75'	-
727+74.15'	15"	42'	-	-	2.7

GROUTED COBBLE GUTTER REQUIRED

Stations	Width	Area
721+25 - 726+25	8'-0"	538 sq. yds.

STATE OF ILLINOIS
 DISTRICT OF COOK COUNTY
 No. 06 C. 1931 E. 3 110

Parcel	Kind of Instrument	Date of Instrument	Grantor	Grantee	Recorded Book	Recorded Page	Date	Remarks
C	O.G.D.	5-27-32	W.L. & M.P. Wood	Staff H.	190	156	5-28-32	
B.C.D. & C.D. #3	"	5-27-32	A.H. & Emily Burton	"	190	274	5-30-32	Culvert Sta. 733+25
A	"	5-27-32	H.J. & M.J. Road	"	190	160	8-18-32	



SERIES F No. 06 C
 SHEET 23 OF 110

Wood Guard Rail Required
 Cully Sta Left Right
 736+50 24' 24'

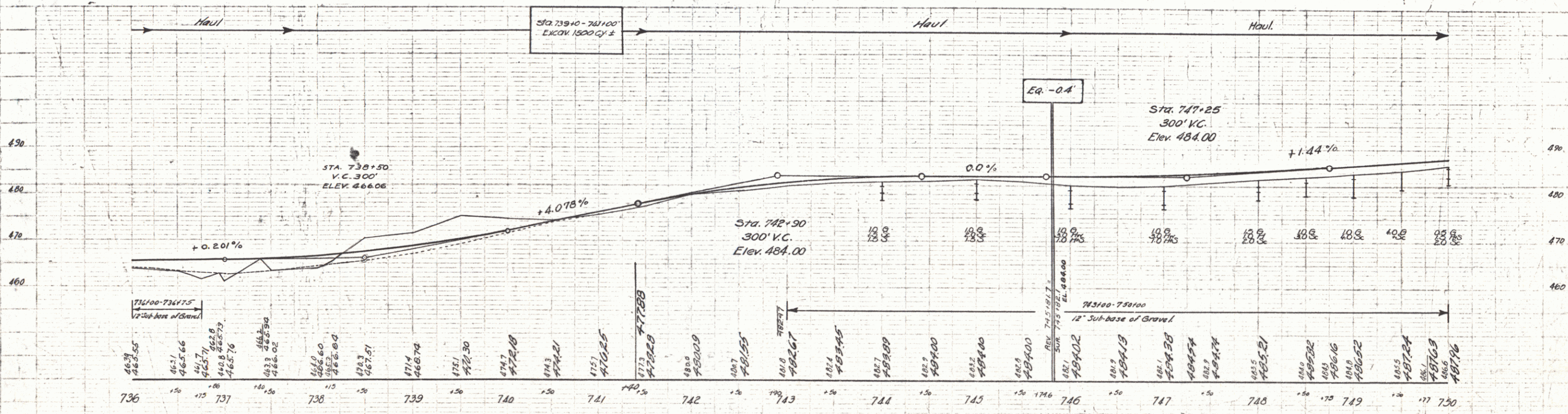
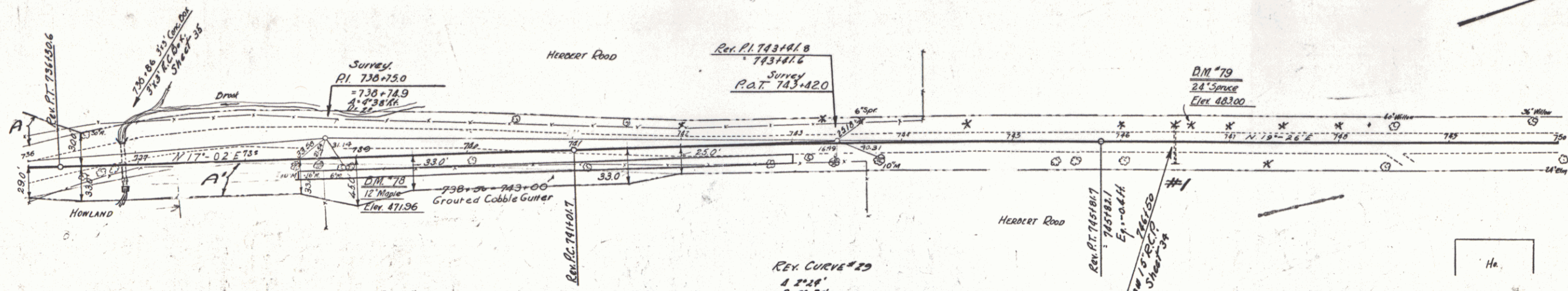
New Reinf. Conc. Pipe Culverts Required Reinf. Conc. Box Culverts Required
 Station Diam. Leng. C.R.M. Station Size Conc. R. Steel
 746+50 15' 36' 2.3 cy 736+86 3'x3' 10.2 cy 1262

Grouted Cobble Gutter Required
 Stations Width Bed
 736+50-743+00 Lt 3'0" 150 sq yds

06C. 1931. 24. 110

Wood Guide Posts Required
 Sta. Left Right
 746+50 2 2

Parcel	Kind of Instrument	Date of Grant	Grantor	Grantee	Recorded Book	Page	Date	Remarks
A8Culv#1	G.C.D.	5-27-32	H.L. & Maudel Road	Stofft	190	167	8-12-32	Culv. Sta. 746+50
A1	"	5-25-32	St. S. State of Maryland	"	190	69	5-30-32	"



SERIES F N° 06C
 SHEET 22 OF 110

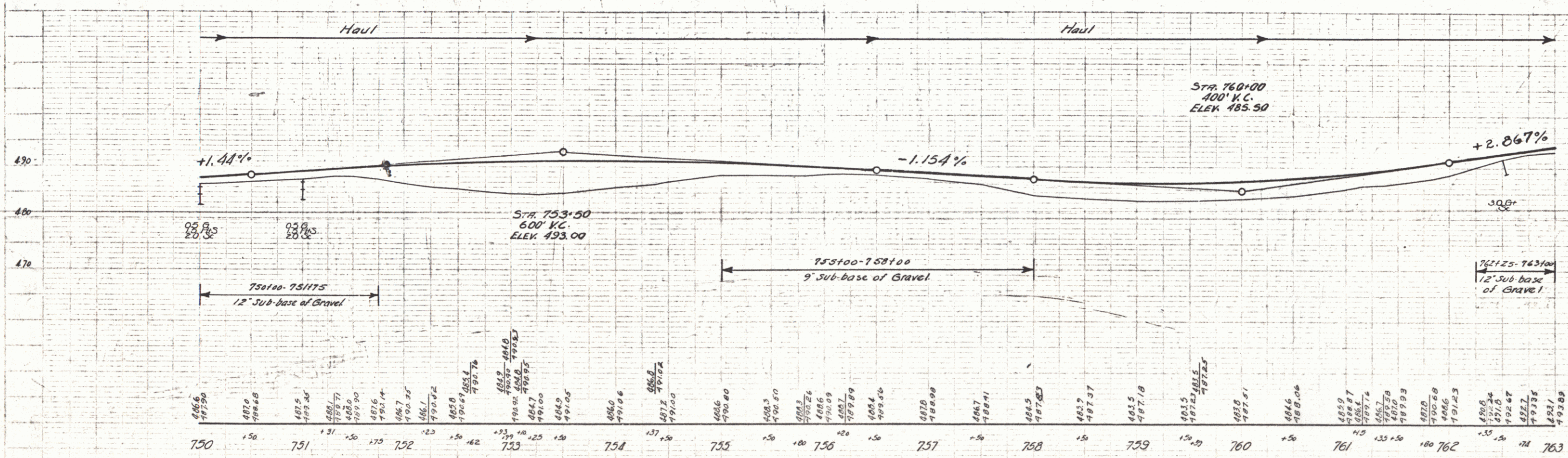
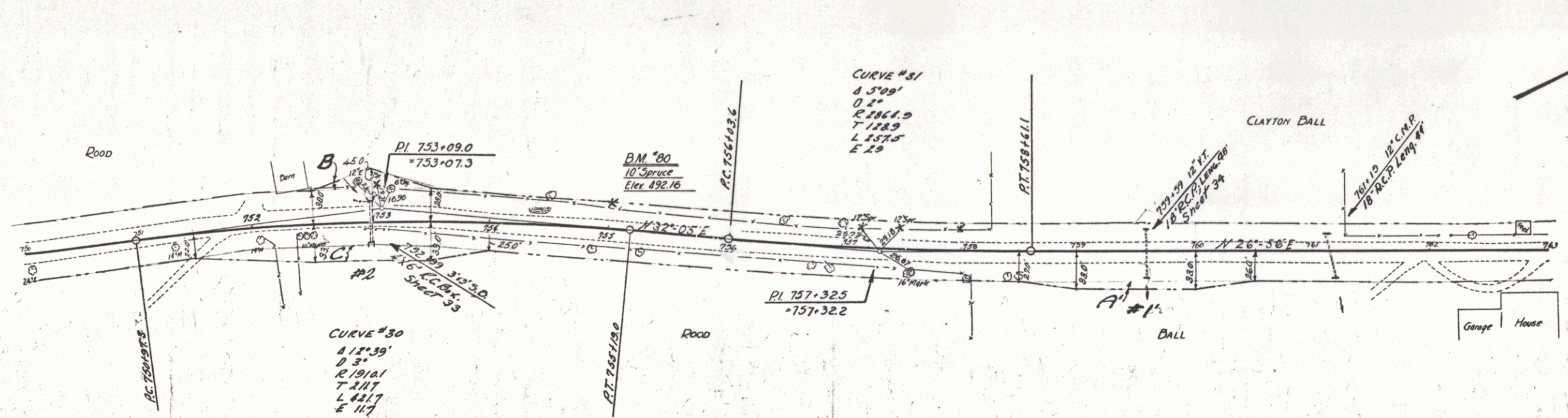
25

WOOD GUARD RAIL REQUIRED			CHAIN GUARD RAIL REQUIRED			NEW BIRM CON. PIPE CULVERTS REQUIRED			REIN. CONC. BOX CULVERTS REQUIRED			
Culv. Sta.	Left	Right	Stations	Long. Const.	Hy. Long.	Station	Diam	Length	S.R.M.	Station	Size	Conc. R. Steel
7591.59	24'	24'	7521.93 LK	48'	88'	7591.59	18"	44'	3.0 c.y.	7521.99	4'x6'	33.37, 2.67'
			7621.93 RK	48'	88'	7611.15	18"	44'	3.0 c.y.			

Parcel	Kind of Instrument	Date of Instrument	Grantor	Grantee	Recorded Book Page	Date	Remarks
A.B. & C. #2	O.C.D.	5-27-32	H.J. & Mauda	Road St of W.	130	180	5-11-33 Culv. Sta. 7521.99
A & C. #1	"	5-25-32	C.O. & Edna Bull	"	130	111	5-30-32 " 7591.59

FED. ROAD DIST. NO.	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
9	VI.	86 C	1931	25

WOOD GUIDE POSTS REQUIRED		
Sta	Left	Right
7611.15	1	2



PLAN
 CURVE DATA
 CURVE #30
 R 418.39'
 D 836.78'
 L 441.7'
 E 117'

PROFILE
 VERTICAL CURVE DATA
 STA 753+50
 500' V.C.
 ELEV 493.00

WOOD GUIDE RAIL REQUIRED

Qty	Left	Right
765+91	1	2
776+82		

WOOD GUIDE POSTS REQUIRED

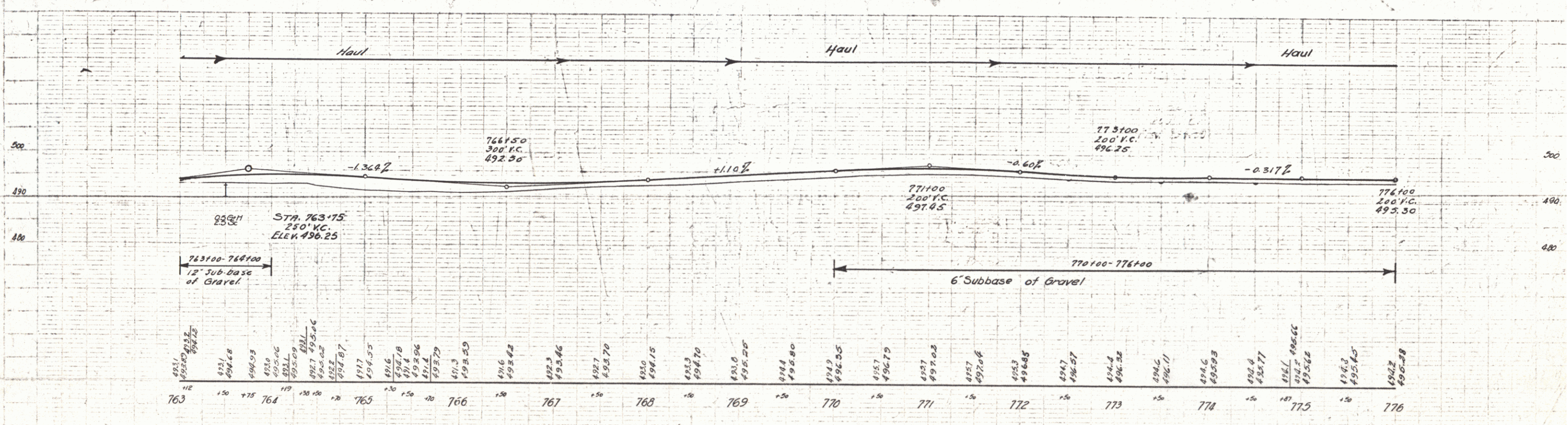
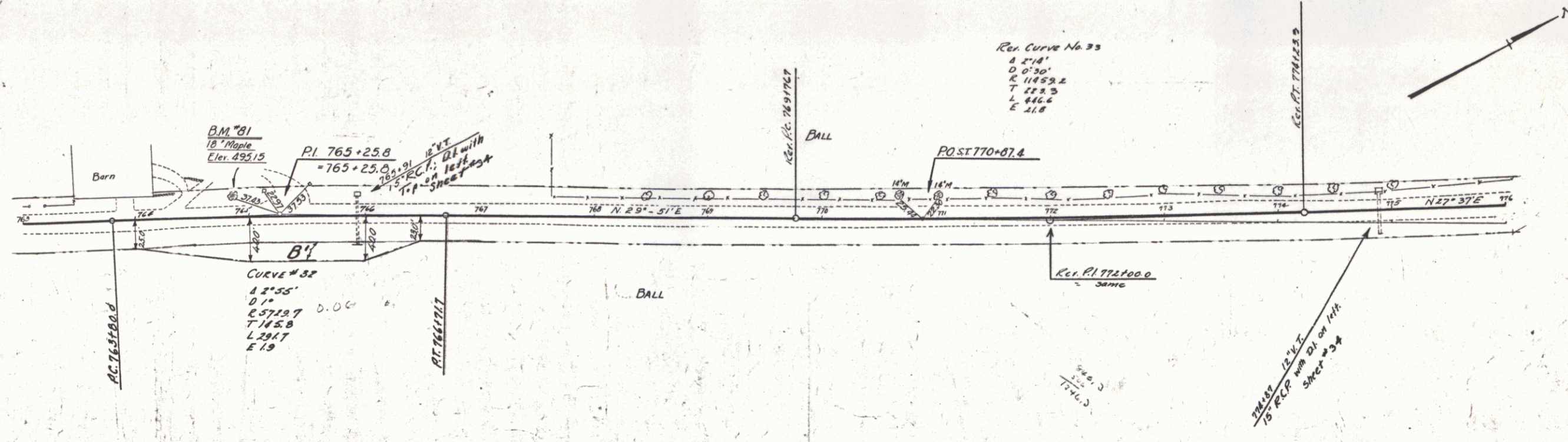
Sta	Left	Right
765+91	1	2
774+87	2	2

NEW REINF. CONC. PIPE CULVERTS REQUIRED

Station	Diam	Length	Conc. R.	C.R.P.	Steel
765+91	15"	40'	1.5cy	1.5cy	17#
774+87	15"	40'	1.4cy	-	11#

Partial	Kind of Instrument	Digits of Instrument	Grantor	Grantee	Recorded Book	Recorded Page	Remarks
B'	G.C.D.	5-33-32	Co. & Edw. Ball	Stoffh. P.C. III	530-32		

86C 1931 26 11a



SERIES F. N° 06C
SHEET 26 OF 110

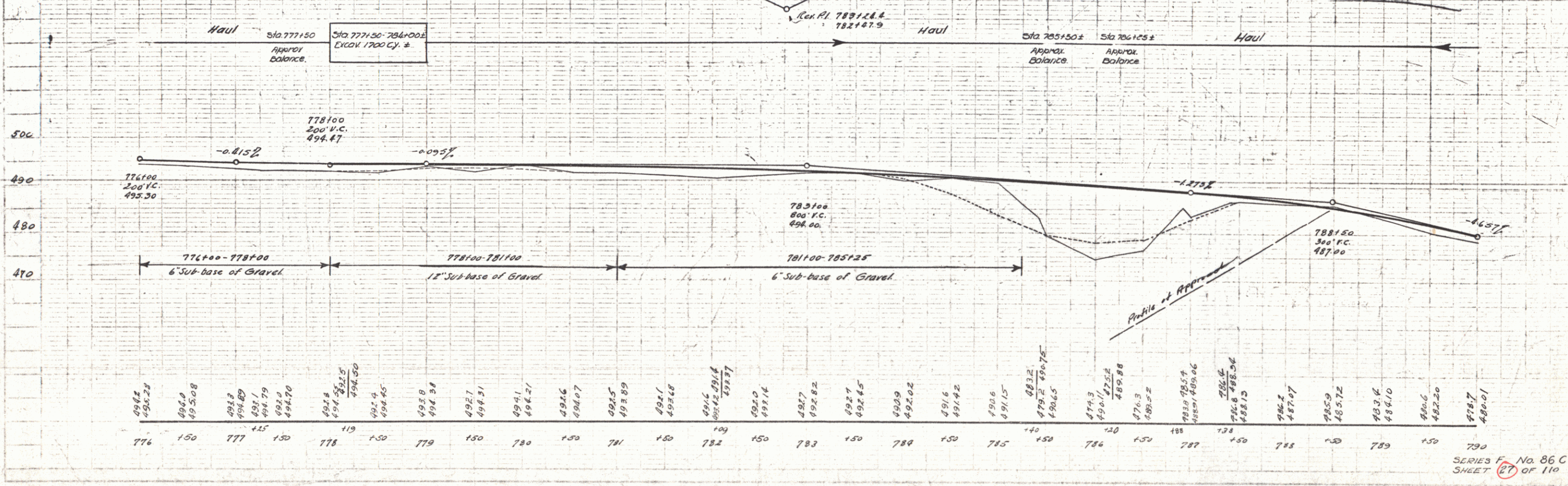
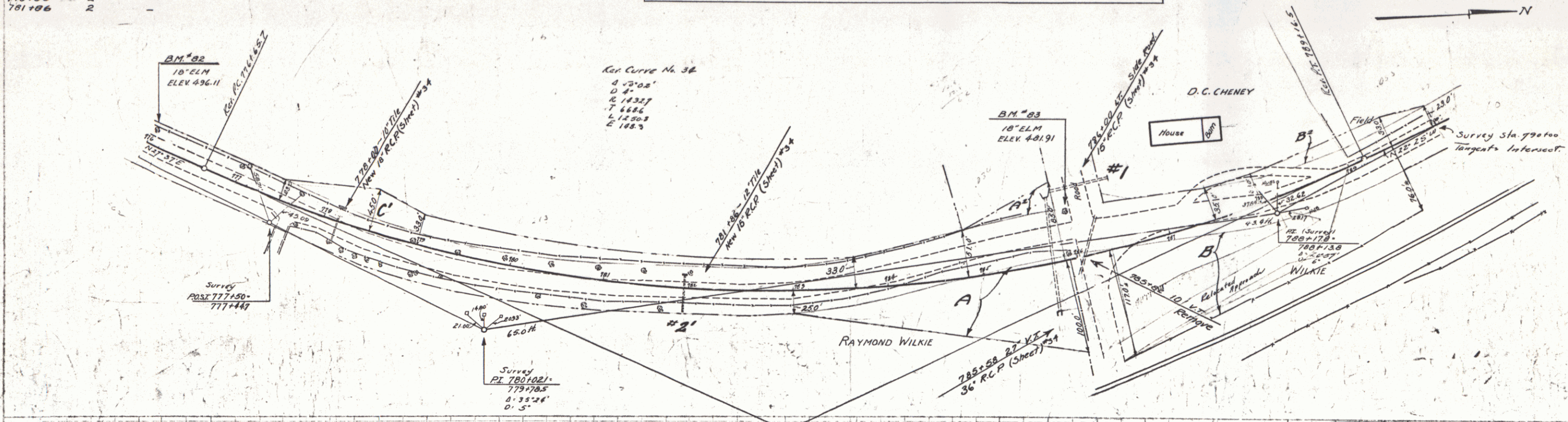
27

WOOD GUARD RAIL REQUIRED			CASTLE GUARD RAIL REQUIRED			NEW DEINF. CONC. PIPE CULVERTS REQUIRED						
Cul. Sta.	Left	Right	Stations	Length	Const.	Any/Levy	Station	Diam	Length	Const.	S. P.M.	Steel
778+00	2'		785+00-786+80 R.P. 180'	40'	220'		778+00	18"	40'			12 cy.
781+86	2'		785+00-786+80 Ch. 180'	40'	220'		781+86	15"	44'			12 cy.
							785+38	36"	128'			40 cy.
							786+00	15"	60'			12 cy.

Sta.	Left	Right
778+00	2	-
781+86	2	-

Parcel	Kind of Instrument	Date of Instrument	Grantor	Grantee	Recorded	Remarks
C' Cul. #2	Q.C.D.	5-25-32	CO. & Edna Bell	Stef. H.	Book Page Date	252 11 6-29-32
A&B	"	5-25-32	W.D. & Gladys Wilkie	"	190 87	6-29-32
A1, B, C, etc.	"	5-27-32	D.C. Cheney	"	190 95	6-29-32

FIELD BOOK STATE FEDERAL BUREAU OF SURVEY SHEET NO. 86-C 1932 27 110



SERIES F No. 86 C SHEET 27 OF 110

Wood Guard Rails Required

Culvert Sta.	Left	Right
792+63	2	2
799+96	2	2

Wood Guide Posts Required

Sta.	Left	Right
792+63	2	2
799+96	2	2

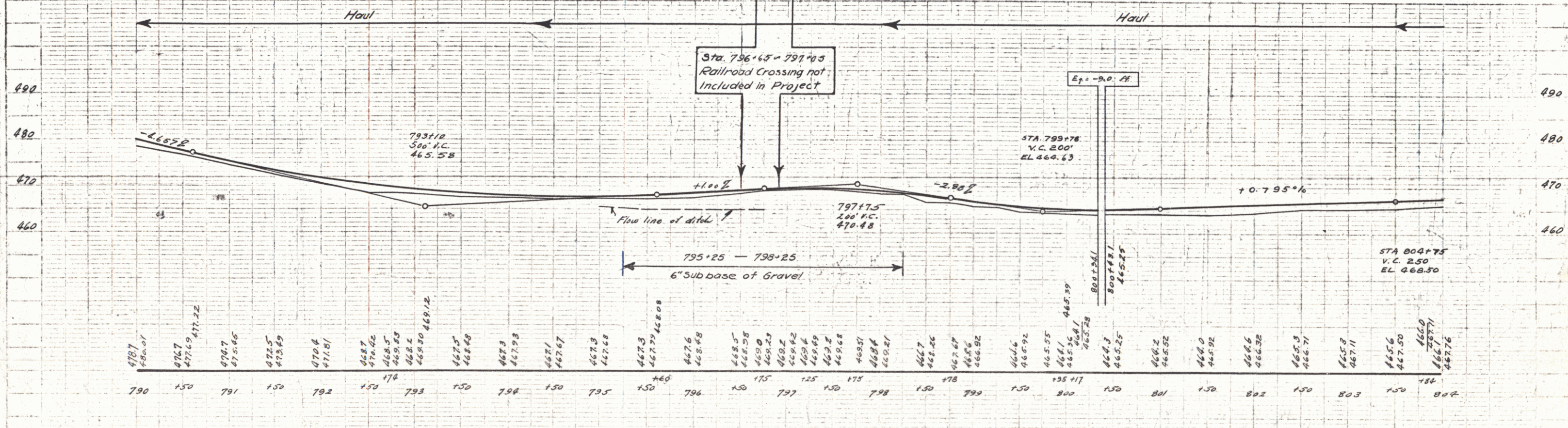
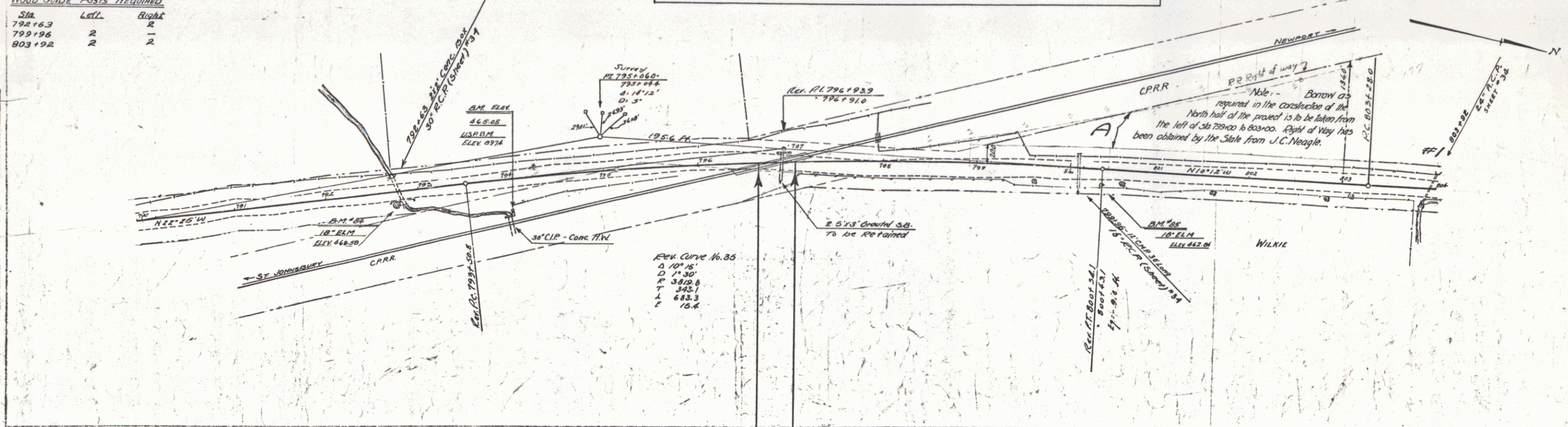
NEW REINF. CONC. PIPE CULVERTS REQUIRED

Station	Diam	Length	Conc. H.	C.R.M.	Steel
792+63	30"	26'	3.2 cy.	—	58'
799+96	15"	20'	—	12 cy.	—
803+92	24"	36'	2.6	—	54'

Parcel Map of Date of Grantor Grantee Recorded Remarks

Parcel	Map of	Date of	Grantor	Grantee	Recorded	Remarks
ABCulv#1	Q.C.D.	5-27-32	J.C. & Kate Neagle	State	Book Page Date	5-30-32 Culv. 5 to 803+92

STATE OF ILLINOIS
 PUBLIC WORKS DEPARTMENT
 86-C 1932 20 110



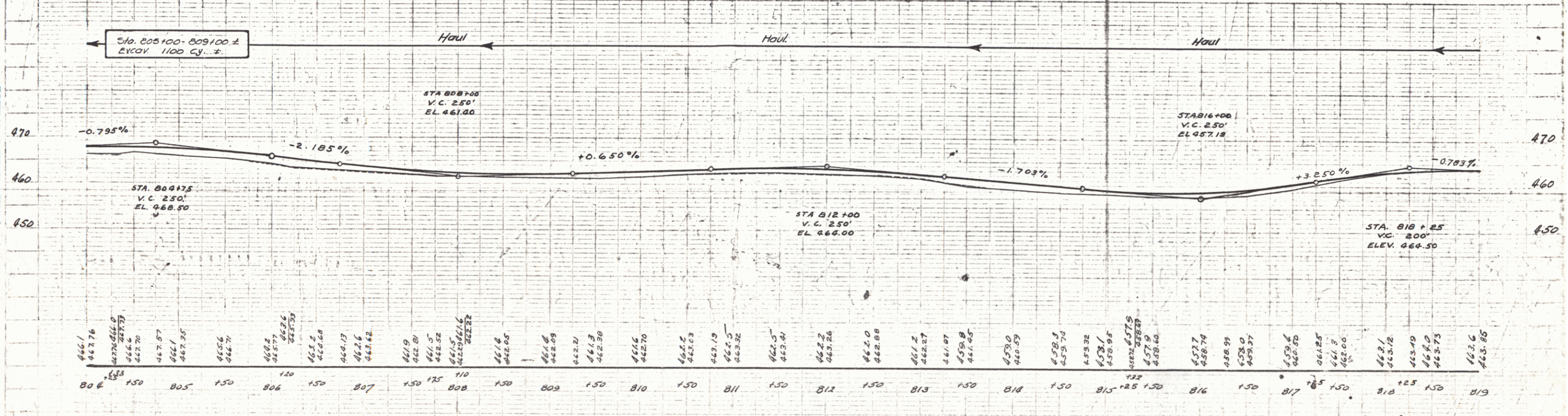
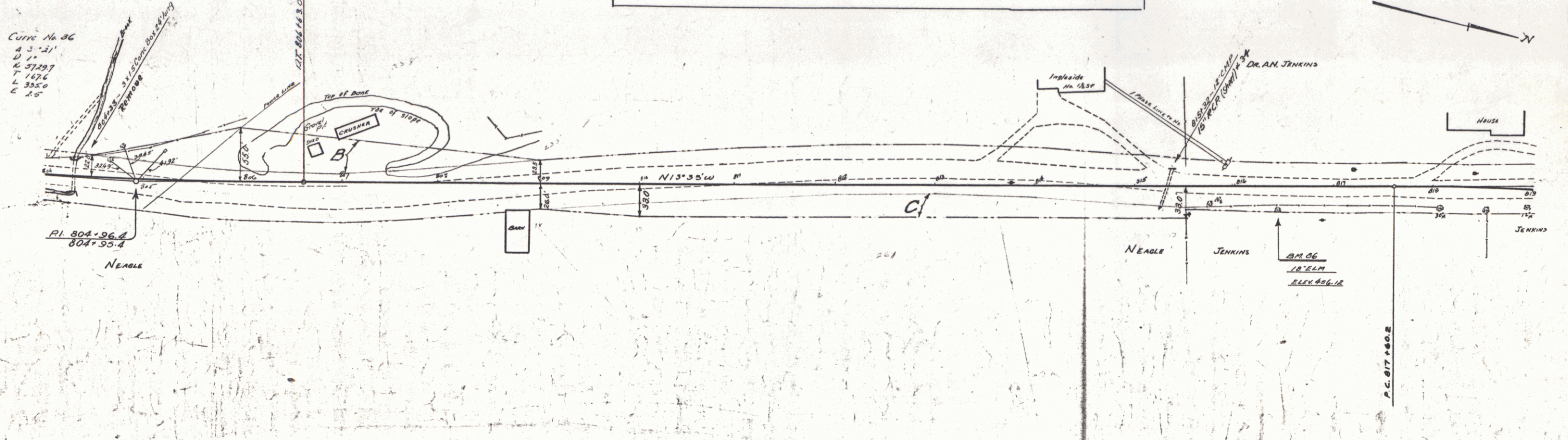
SERIES F No. 86C
 SHEET 28 OF 110

WOOD GUIDE POSTS REQUIRED
 Cuv. Sta. Left Right
 815+32 2 2'

NEW REINF. CONC. PIPE CULVERTS REQUIRED
 Station 15' 36" - 12cy.
 Station 15' 36" - 12cy.

Parcel	Kind of Instrument	Date of Grant	Grantee	Recorded	Remarks
BSC	Q.C.D.	5-27-52	J.C. & Kate Neagle	Book Page 80	Date 5-30-52

86-C 1952 29 110



806	466.1	807	466.76	808	467.76	809	468.97	810	469.97	811	470.97	812	471.97	813	472.97	814	473.97	815	474.97	816	475.97	817	476.97	818	477.97	819	478.97
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SERIES F No. 86 C
 SHEET 23 OF 110

WOOD GUIDE POSTS REQUIRED

Culv. Sta.	Left	Right
823+66		24'

WOOD GUIDE POSTS

Culv. Sta.	Left	Right
823+66		

WOOD GUIDE POSTS REQUIRED

Culv. Sta.	Left	Right
833+90		

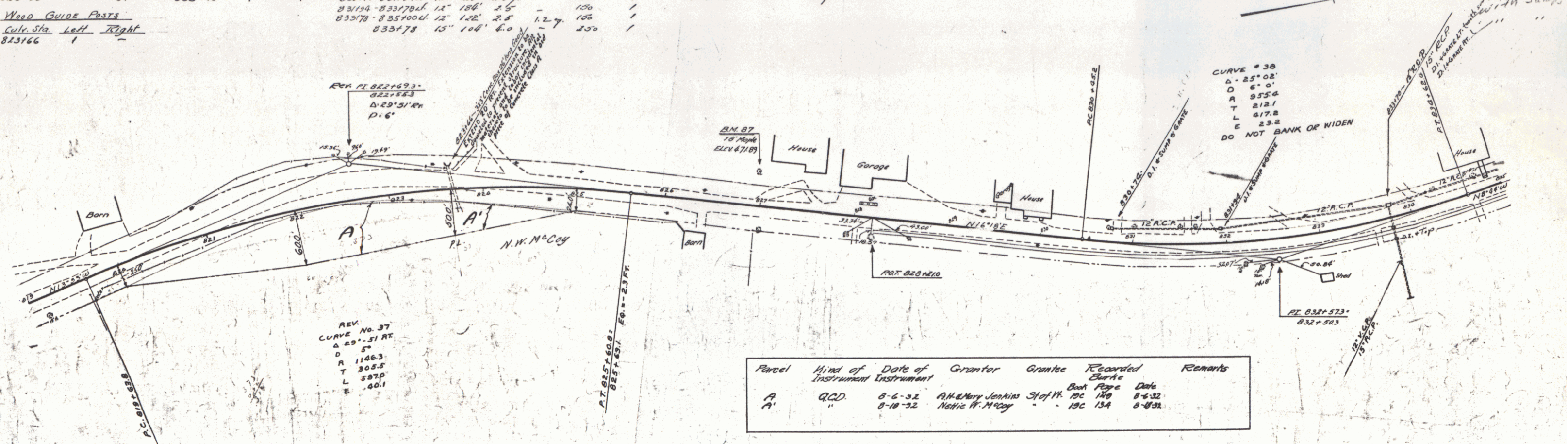
NEW REINF. CONC. PIPE CULVERTS REQUIRED

Stations	Diagon. Length	Substr.	S.T. Ft.	Steel	D. (Inches)
830+74 - 831+94	12'	120'	1.5%	150"	1'
831+94 - 833+70	12'	120'	1.5%	150"	1'
833+70 - 835+00	12'	122'	2.5%	150"	1'
835+00 - 835+78	15'	108'	4.0%	250"	1'

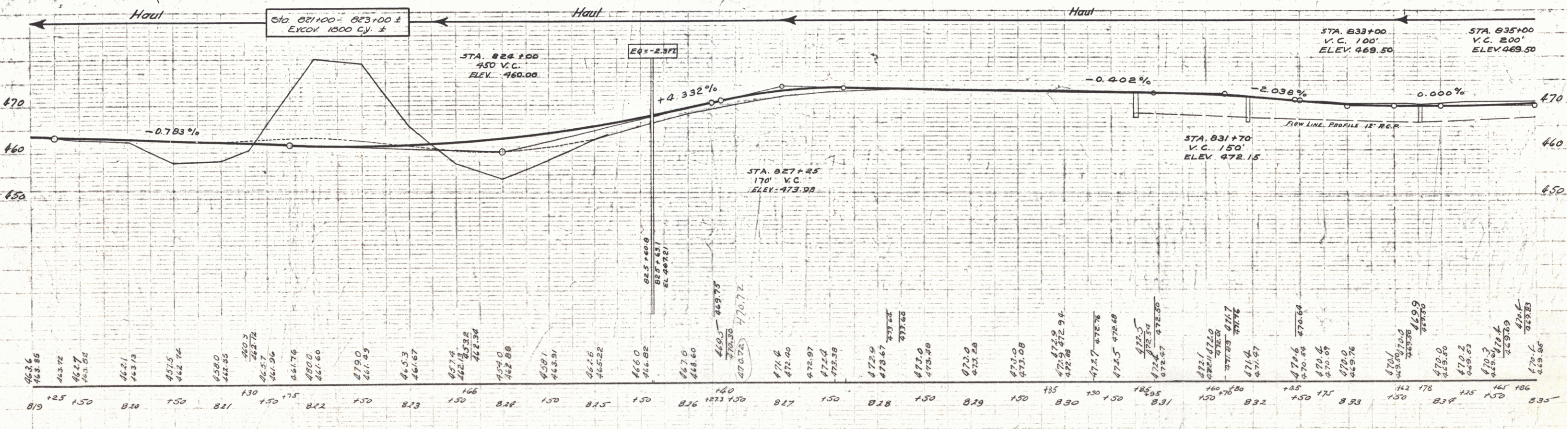
CULVERT TRIMMINGS REQUIRED

Station	Size	Culv. Ft.	Steel
823+66	3x5	8.5%	600"

STATE OF FLORIDA
 DIST. NO. 86-C 1932 30 110



Parcel	Kind of Instrument	Date of Instrument	Grantor	Grantee	Recorded Book Page	Date	Remarks
A	Q.C.D.	8-6-32	A.H. & Mary Jenkins	Stef. H. 19c	140	8-6-32	
A'	"	8-18-32	Nathie W. McCoy	"	134	8-18-32	



SERIES F No 86C
 SHEET 30 OF 110

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NEW BRINE CONC. PIPE CULVERTS REQUIRED

Stations	DIAM	LONG	CONC.	C.R.	M. Steel	D. Locatn
835100-835114 LH	12"	14'	1.69	-	99"	1
835115	15"	28'	1.81	-	99"	1
835114-837166 LH	12"	232'	1.8	-	99"	1
843100	12"	24'	1.5	124'	157'	1

CEMENT MURBLE MASONRY WALL REQUIRED

Station - Station	A.O.L.	Vol.
846+13 - 847+00	R.	87 c.y.
43	43	P.O.T. 845+40.9
		G Line
		Δ 28'36" Lt

BRIDGE @ STA. 845+12

Sheet No.	SLB 20 No CR - 18' Span, Square.
	SLAG No Square Without Piles - 1-10'
	SB 2 - Details - S204, S220, S221
	SB 2A - S222 - S230
	SB 2B - S241

ESTIMATE QUANTITIES BRIDGE @ STA. 845+12

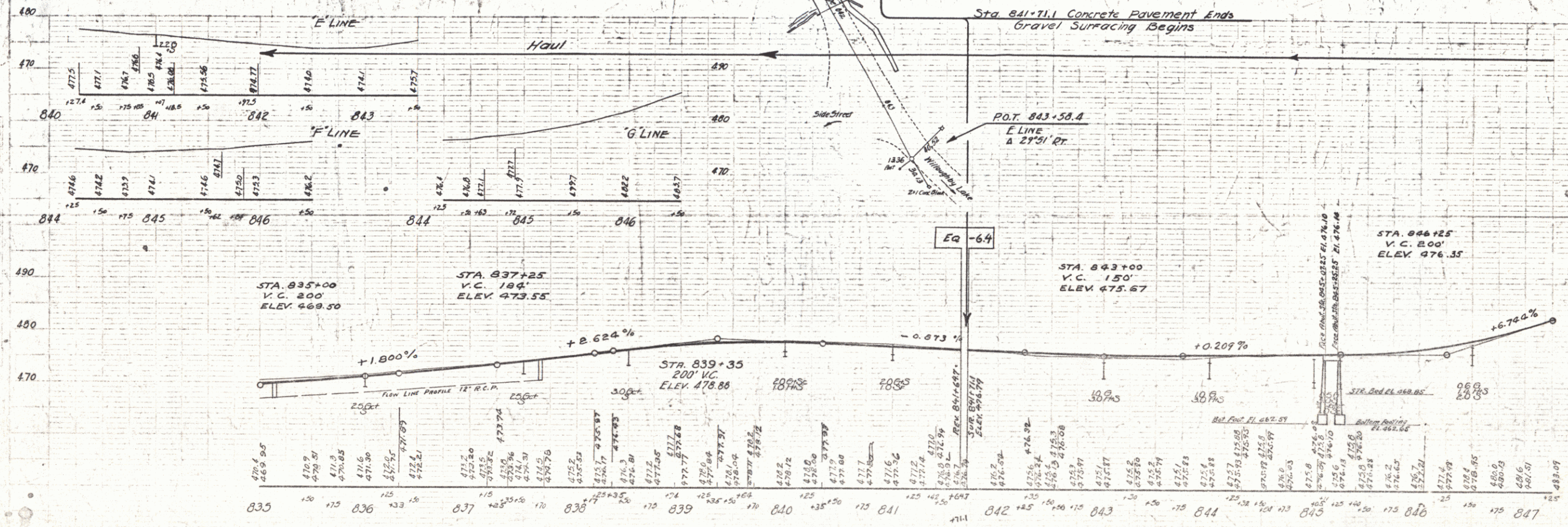
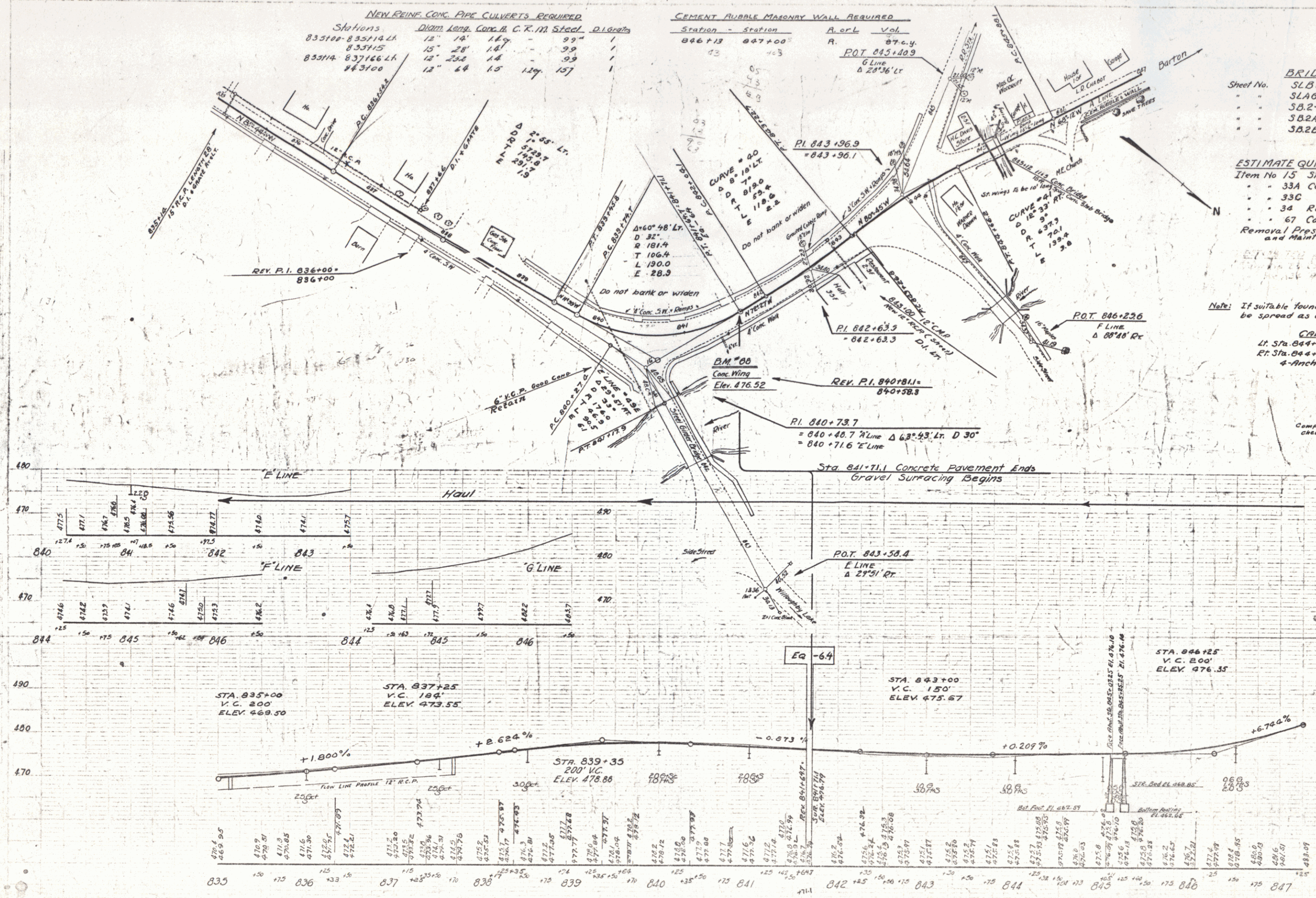
Item No 15	Struct. Excav.	291	Cu. Yds.
	33A Concrete	20.8	"
	33C	128	"
	34 Reinf. Steel	4370	Lbs.
	67 Cable Guard Rail	144	Lin. Ft.
	Removal Present Superstructure	1-Lump Sum	
	and Maintaining Traffic		

Note: If suitable foundation is not found, footings shall be spread as directed by the Engineer.

CABLE GUARD RAIL

Lt. Sta. 844+98 - Sta. 845+30	= 32.0 L. Ft.
Rt. Sta. 844+98 - Sta. 845+30	= 32.0 L. Ft.
4-Anchors @ 20'	= 80.0
Total	= 144.0 L. Ft.

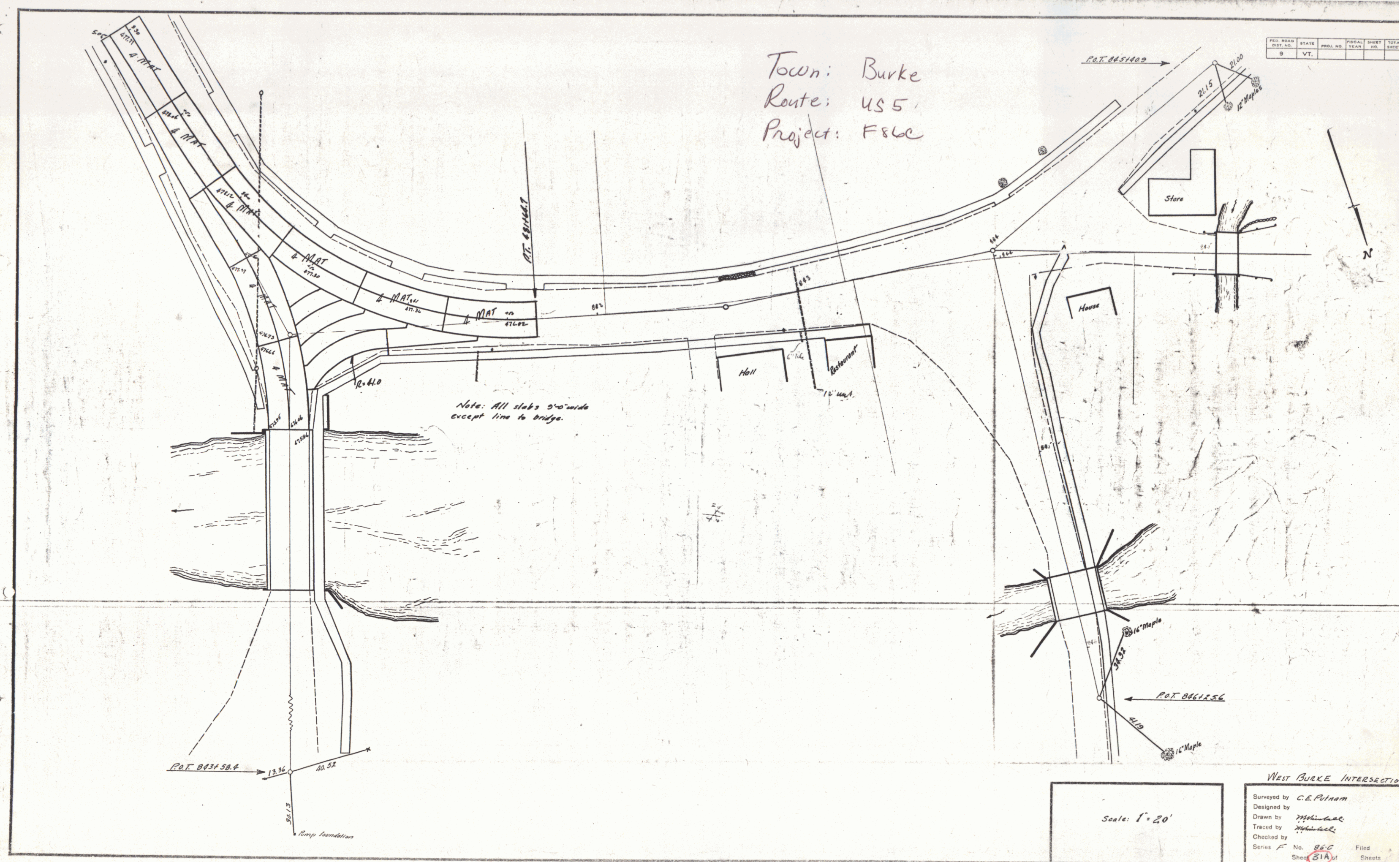
Computed by: *Bill P. 1/2/32*
checked by: *Thur*



CORRECT
A. D. ...
BRIDGE ENGINEER

Town: Burke
 Route: US 5
 Project: F&C

FED. ROAD DIST. NO.	STATE	PROJ. NO.	YEAR	SHEET NO.	TOTAL SHEETS
9	VT.				



Scale: 1" = 20'

WEST BURKE INTERSECTION

Surveyed by C.E. Pinnam
 Designed by
 Drawn by
 Traced by
 Checked by
 Series F No. 86-C Filed
 Sheet 51A of Sheets

WOOD GUIDED RAIL REQUIRED

Cul. Sta.	Left	Right
850+00	24'	

WOOD GUIDE POSTS REQUIRED

Cul. Sta.	Left	Right
850+00	1	1

NEW REIN. CONC. PIPE CULVERTS REQUIRED

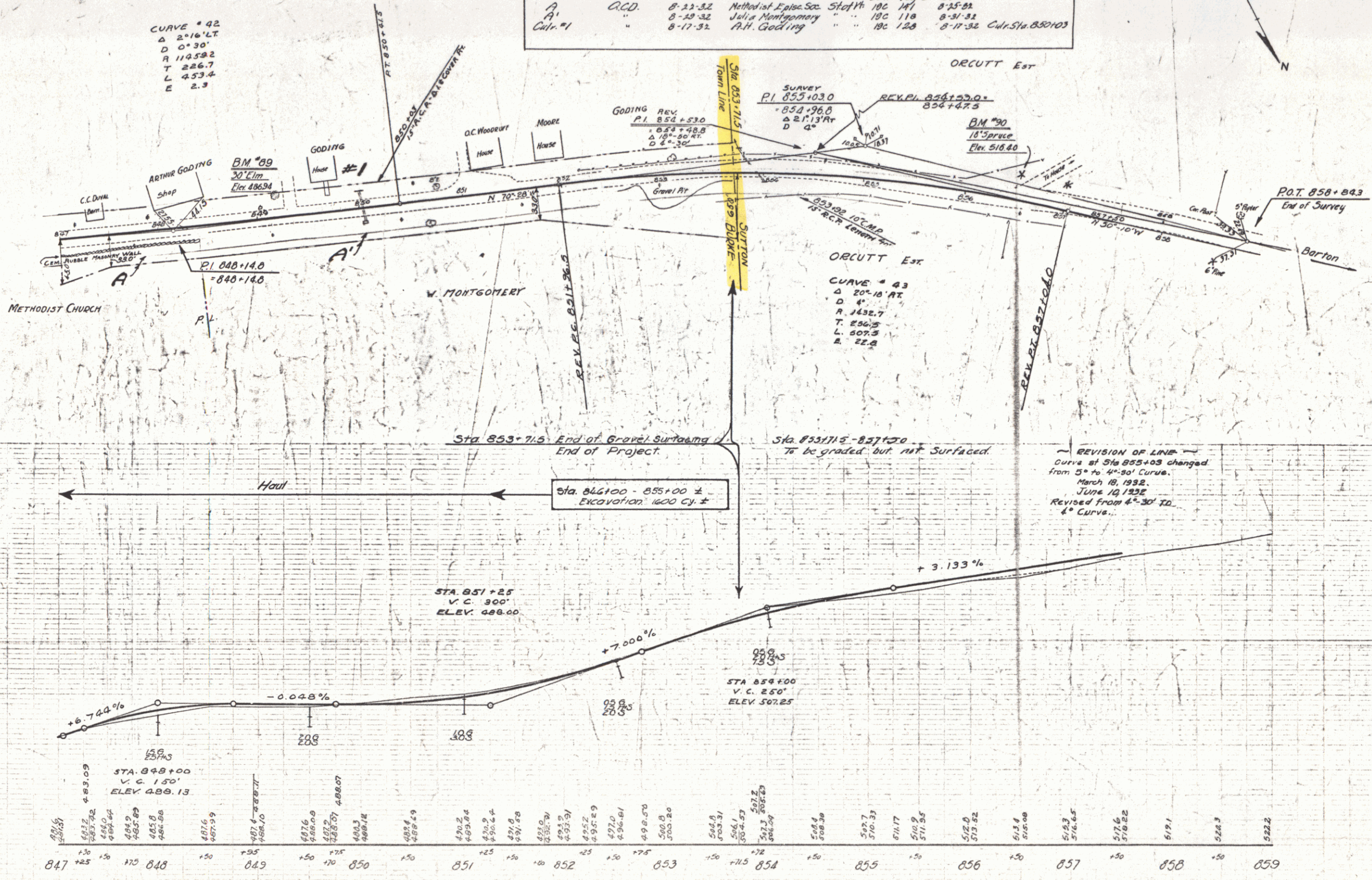
Station	Diag. Long	Conc. Pipe	Steel	C.R. #1
850+00	15'	32"	15.2y	1.2y
853+92	15'	40"		2.3

CEMENT RUBBLE MASONRY WALL REQUIRED

Station	Station	For L.	Vol.
847+00	847+03	A	3 cy.

Parcel	Kind of Instrument	Date of Instrument	Grantor	Grantee	Recorded Book Page	Date	Remarks
A1	A.C.D.	8-22-32	Methodist Episc. Soc.	Staff H.	19C 141	8-25-32	
A1	"	8-29-32	Julia Montgomery	"	19C 118	8-31-32	
Cul. #1	"	8-17-32	A.H. Godding	"	19C 128	8-17-32	Cul. Sta. 850+00

86.C. 1931 32 110



E-55F 9 SERIES F N°86C SHEET 32 OF 110

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