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STATE OF VERMONT  
STATE HIGHWAY DEPARTMENT

PLAN AND PROFILE OF PROPOSED  
STATE HIGHWAY

FEDERAL AID PROJECT

TOWNS OF LYNDON AND BURKE

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. 7431 MILES

LENGTH OF GRAVEL SURFACING 1200.4 FT. 0.227 MILES

TOTAL LENGTH OF CONTRACT 40436.4 FT. 7658 MILES

LENGTH OF GOV'T. PARTICIPATION 39440.4 FT. 7469 MILES

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



U.S.-5



CONVENTIONAL SIGNS

COUNTY LINE	.....
TOWN LINE	.....
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	.....

GROUND ELEVATION	BATHY	LINE
GRADE ELEVATION	BATHY	LINE

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'
SECTION	HOR. 1" = 5'
	VERT. 1" = 5'

RIGHT-OF-WAY DIVISION  
TOWN FILE  
PERPETUAL  
Town of USS

These plans subject to such revisions as may be required by the Bureau of Public Roads or the Chief Engineer.

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

SUBMITTED BY ORDER OF THE STATE HIGHWAY DEPARTMENT

RECOMMENDED [Signature]  
DISTRICT ENGINEER BUREAU OF PUBLIC ROADS

RECOMMENDED FOR APPROVAL [Signature]  
CHIEF ENGINEER BUREAU OF PUBLIC ROADS

APPROVED [Signature]  
DIRECTOR BUREAU OF PUBLIC ROADS

CORRECT: [Signature]  
ROAD ENGINEER

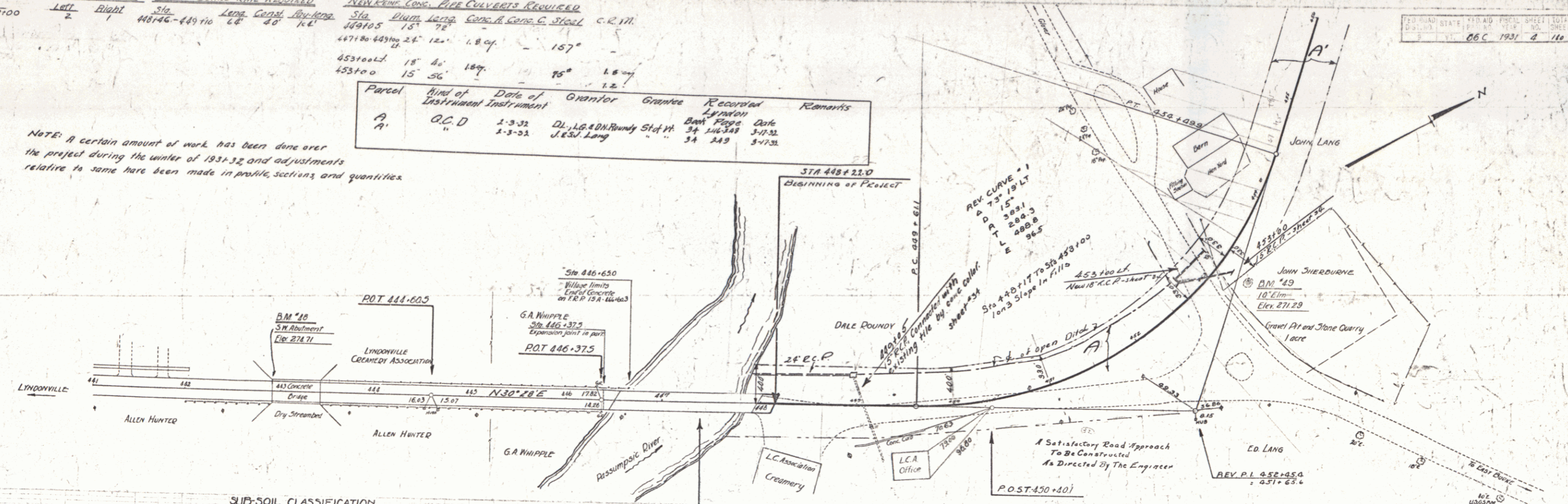
SERIES F NO. 86-C FILED  
SHEET 1 OF 110

DIST. # 7 PLANS

WOOD GUIDE POSTS REQUIRED				CABLE GUARD RAIL REQUIRED				NEW CONC. PIPE CULVERTS REQUIRED				
Sta	Left	Right	Sta	Length	Grade	Sta	Diam	Length	Comp. A	Comp. C	Stall	C.R.
433+00	2	1	441+46-449+10	68'	48'	1.6%	447+80-449+10	24"	12'	1.8%	157°	
			453+00	15'	46'	1.8%	453+00	15'	56'	75°	1.8%	

Parcel	Kind of Instrument	Date of Instrument	Grantor	Grantee	Recorded	Remarks
A	O.C.D.	1-3-32	D.L. LANG	Roundy St of W.	Book Page	Date
A'	"	1-3-32	J.E.S. LANG	"	34 349	3-1-32

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

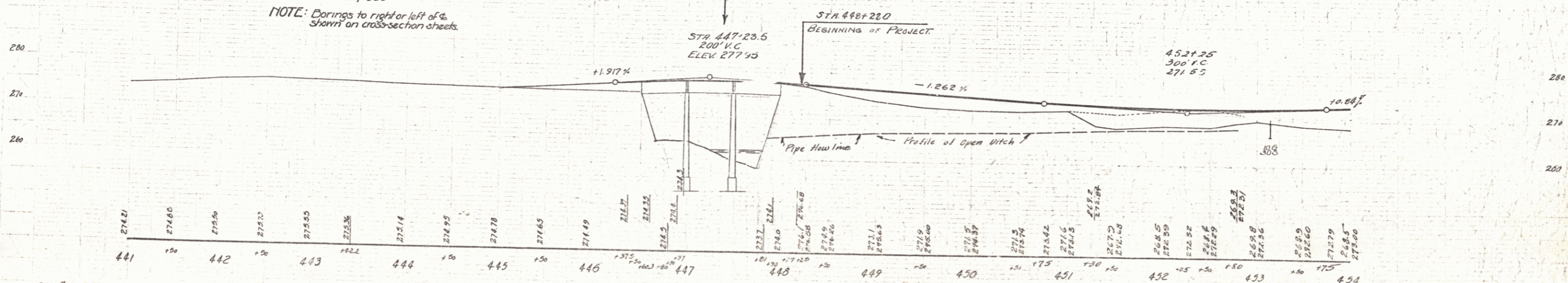
LEGEND  
 D-dry F-fine  
 M-moist C-coarse  
 W-wet H-hard  
 P-patched

Date of Investigation  
 Oct. 15-25, 1930

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

446+50 - 447+97  
 1" 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. 451+75 Elev. 271.29



**WOOD GUIDE RAIL REQUIRED**

Sta.	Left	Right
465+33	2'	

**CABLE GUANO RAIL REQUIRED**

Stations	Length	Const.	By/Length
458+30-459+54	104'	40'	144'
458+25-458+87	72'	40'	112'
460+22-461+08	96'	40'	136'
461+60-462+64	104'	40'	144'

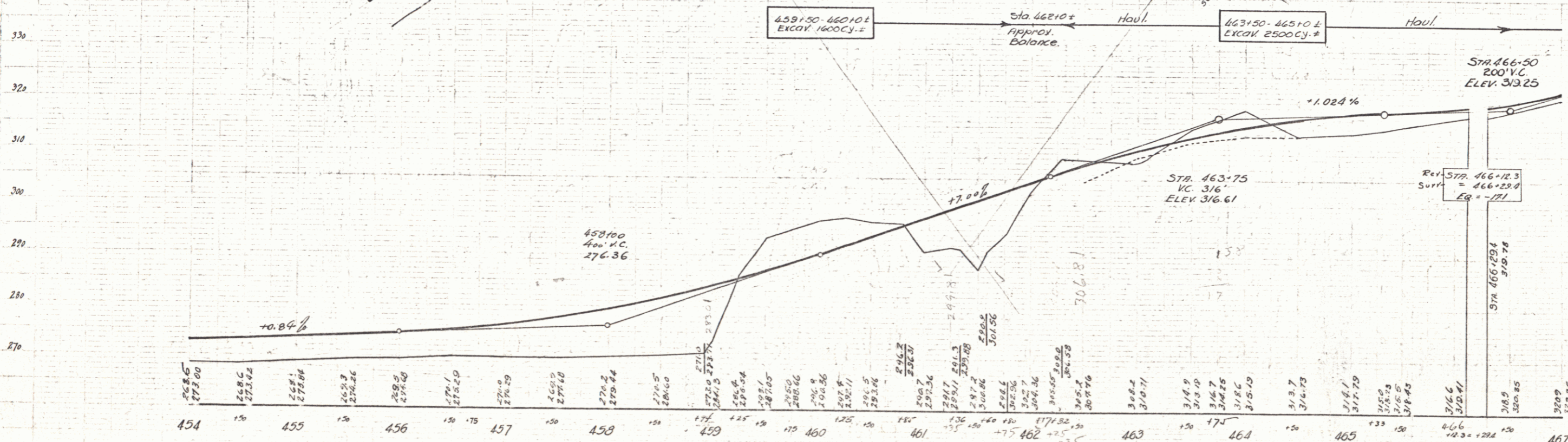
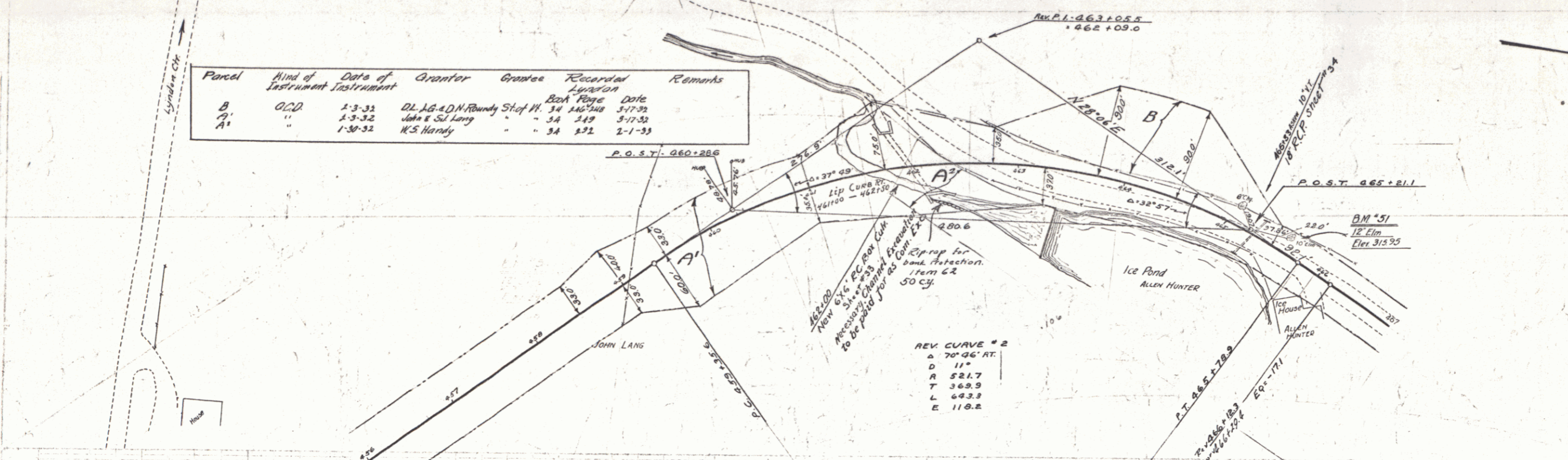
**NEW REINFORCED CONCRETE PIPE CULVERTS REQUIRED**

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

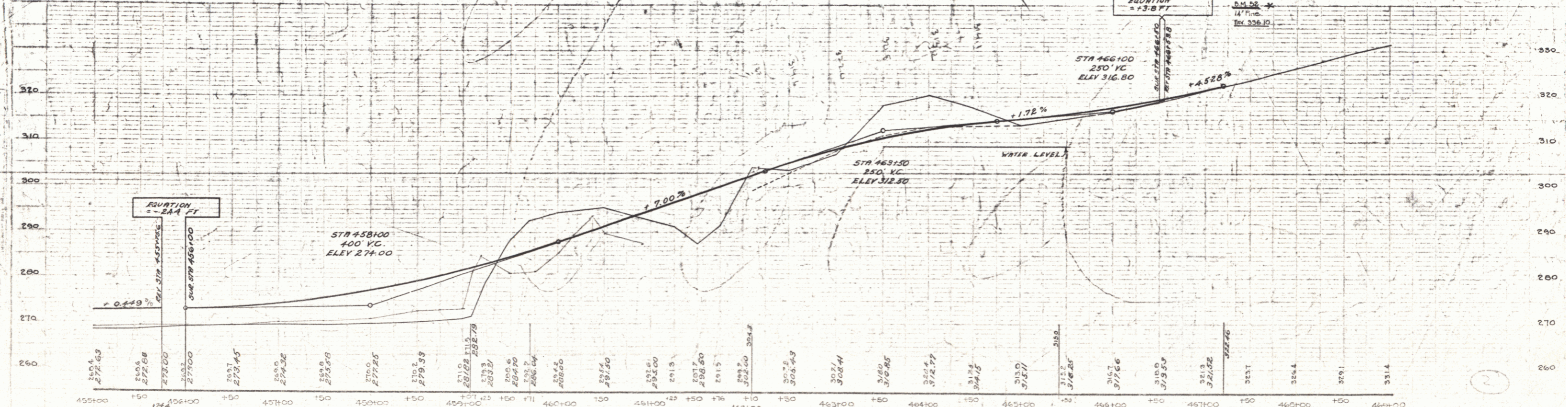
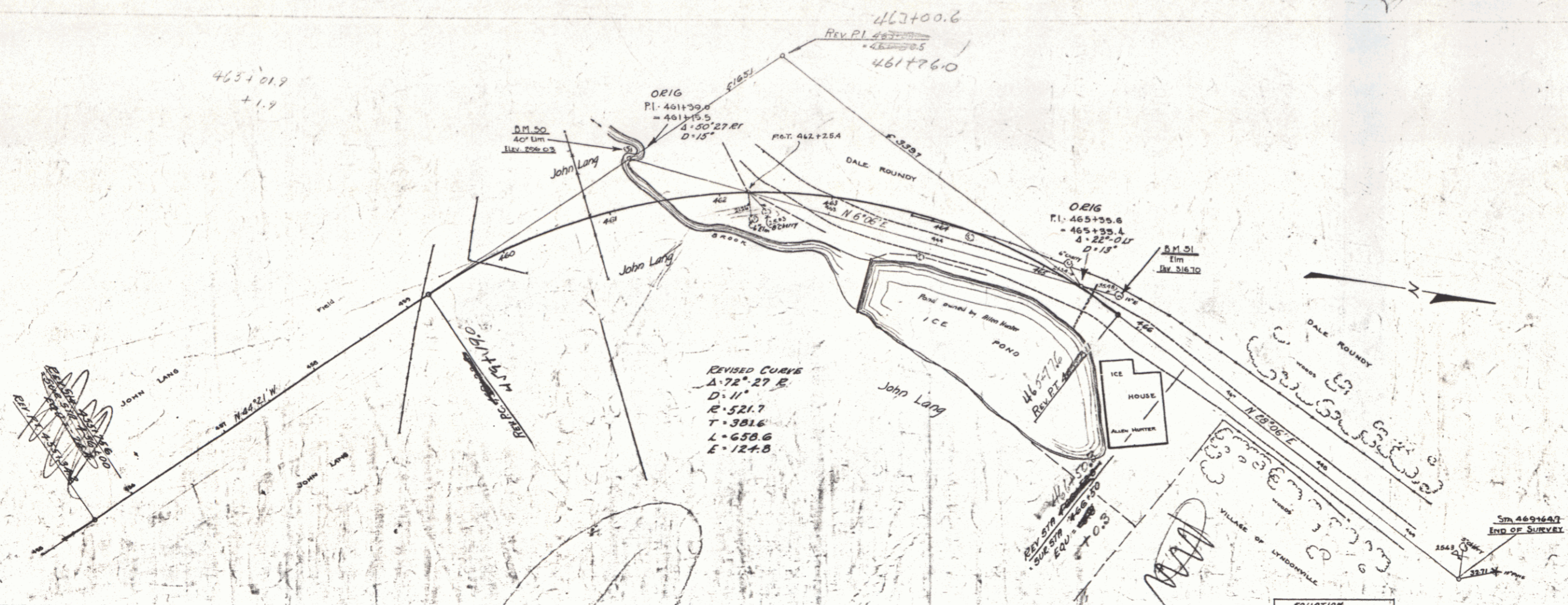
**NEW REINFORCED CONCRETE BOX CULVERTS REQUIRED**

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

Parcel	Kind of Instrument	Date of Instrument	Grantor	Grantee	Recorded Location	Remarks
B	O.C.D.	1-3-32	DL. AG. A.D.M. Roundy	Stef. W. 3A	146744	3-17-32
A'	"	1-3-32	John & Sil Lang	"	3A	149
A'	"	1-30-32	W.S. Hardy	"	3A	132



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



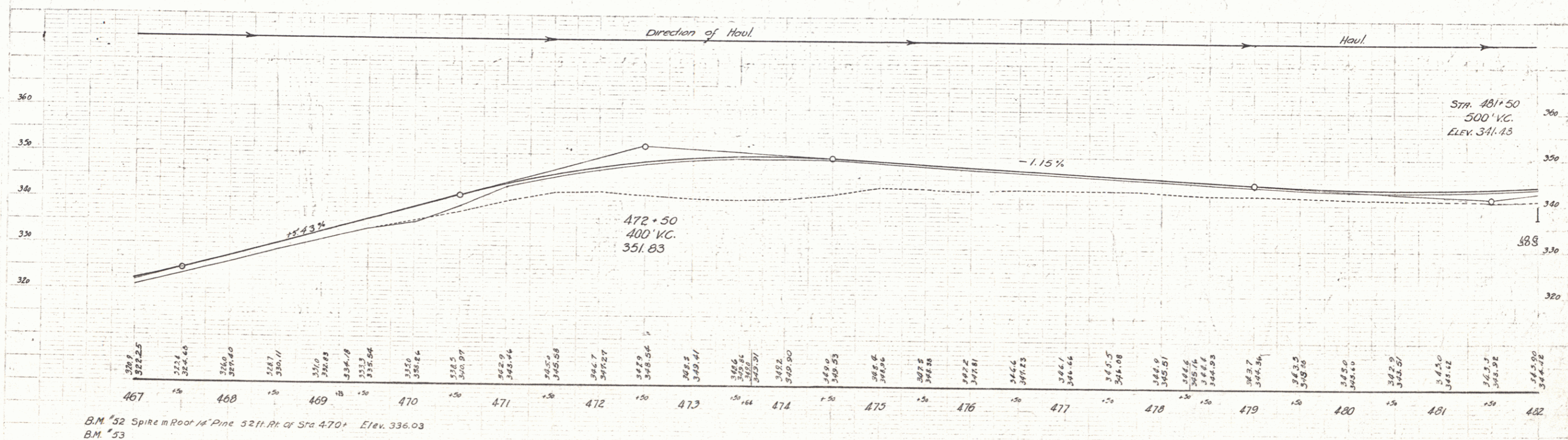
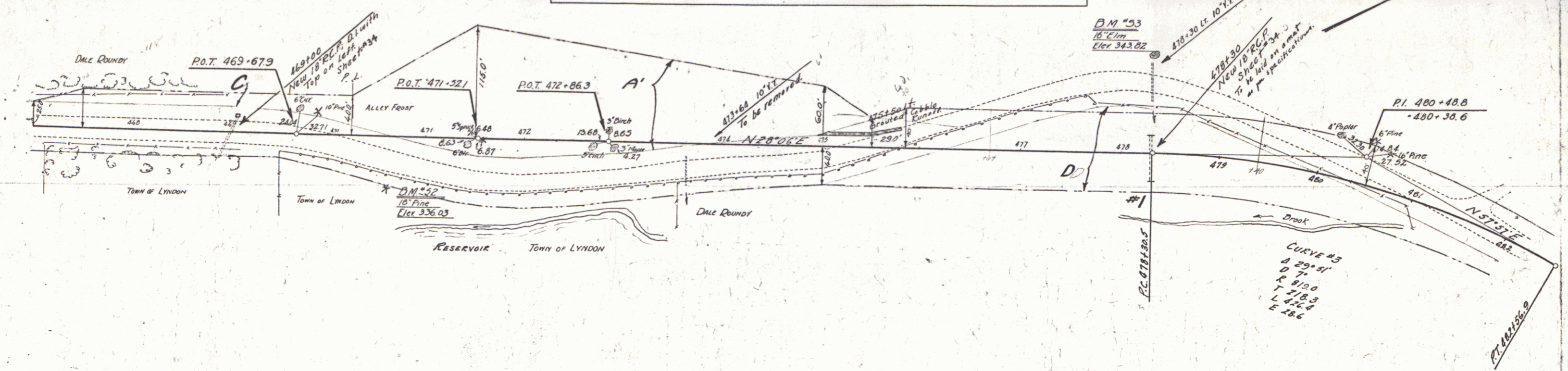
D.M. 50 Spike in root 40' Elm. 45 1/2' Sta 461150 - Elev 296.03  
 D.M. 51 Spike in root Elm. 16 1/2' Sta 463100 - Elev 316.70  
 D.M. 52 Spike in root W' Pine. 30' Sta 470150 - Elev 336.10

ST. JOHNSBURY LYNDON  
 FREA  
 SERIES E No. 100  
 SHEET 5A

WOOD GUARD RAIL REQUIRED			CABLE GUARD RAIL REQUIRED			NEW POINT CONC. PIPE CULVERTS REQUIRED			GRAVELLED COBBLE GUTTER REQUIRED				
Sta.	Left	Right	Stations	Length	Spacing	Sta.	Bottom	Length	Culvert Size	Concrete	Station	Width	Depth
469100		21'	471.72-479.20 R.	77.48	22.5'	470.00	18"	48'	1.354	1.75'	475+50	3'-0"	28-37"
			471.72-479.20 L.	77.48	10.0'	470+30	18"	60'					
			481.64-482.00 R.	35.36	20'								

WOOD GUIDE POSTS REQUIRED		
Sta.	Left	Right
469100		2

Parcel	Kind of Instrument	Date of Instrument	Grantor	Grantee	Recorded Lydon	Remarks
C. P. 471.72	G.C.D.	1-3-32	DL LG & D. R. R. ST. OF VT.	ST. OF VT.	3A 246 248	3-17-32 Cul. Sta. 471+30
A		1-4-32	R.M. Frost		3A 248	3-17-32

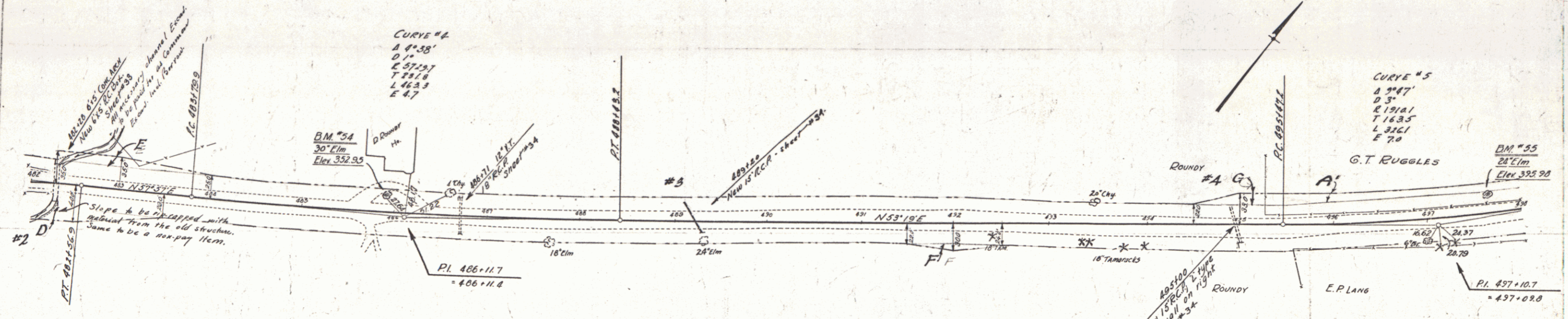


B.M. 52 Spire in Roof of Pine 52 ft. N. of Sta 470. Elev. 336.03  
 B.M. 53

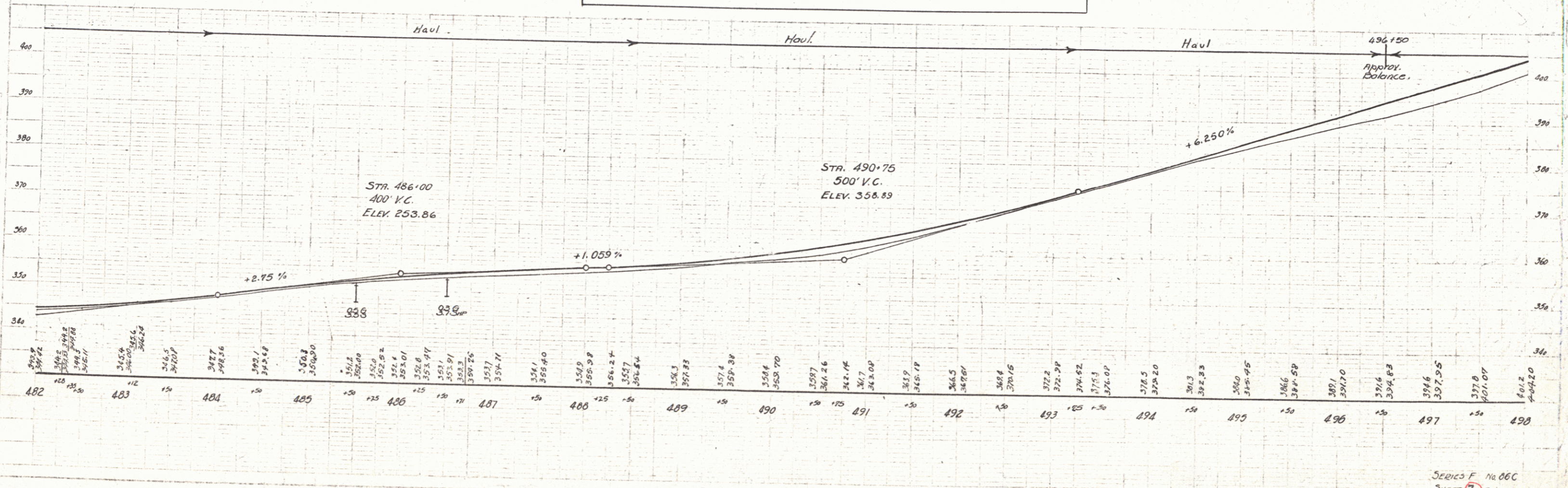
6

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	Depth	Length	Concrete	Steel	C.R.M.	Sta	Size	Concrete	Steel	Sh. Encas.
484+77	2	1	481+00-482+60	60'	42"	42"	18"	40'	1.5cy	7.5'	35#	482+120	6'x5'	60.5cy	310#	7.5cy
489+20	2	1	487+70-488+100	144'	20"	144'	15"	40'	-	-	-	-	-	-	-	-

FEEDBACK STATE PROJECT NO. 06C 1931 7 110



Parcel	Kind of Instrument	Date of Instrument	Grantor	Grantee	Recorded	Remarks
D.E.F.G. Cont'd. 1924	C.C.D.	2-3-32	Ol. L.B. & D.N. Roundy	Stg. Ph. 34	246-248	3-17-32
A'	"	3-17-32	G.T. & F.R. Ruggles	"	34 A.1	3-17-32



Series F No. 06C  
SHEET 7 OF 110

**WORD GUIDE POSTS REQUIRED**

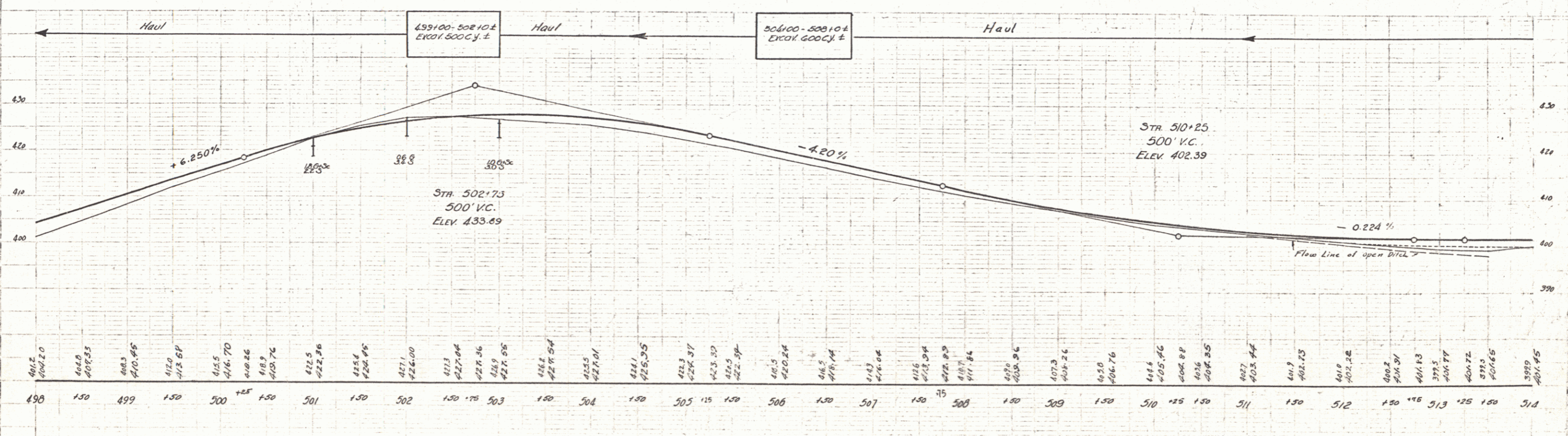
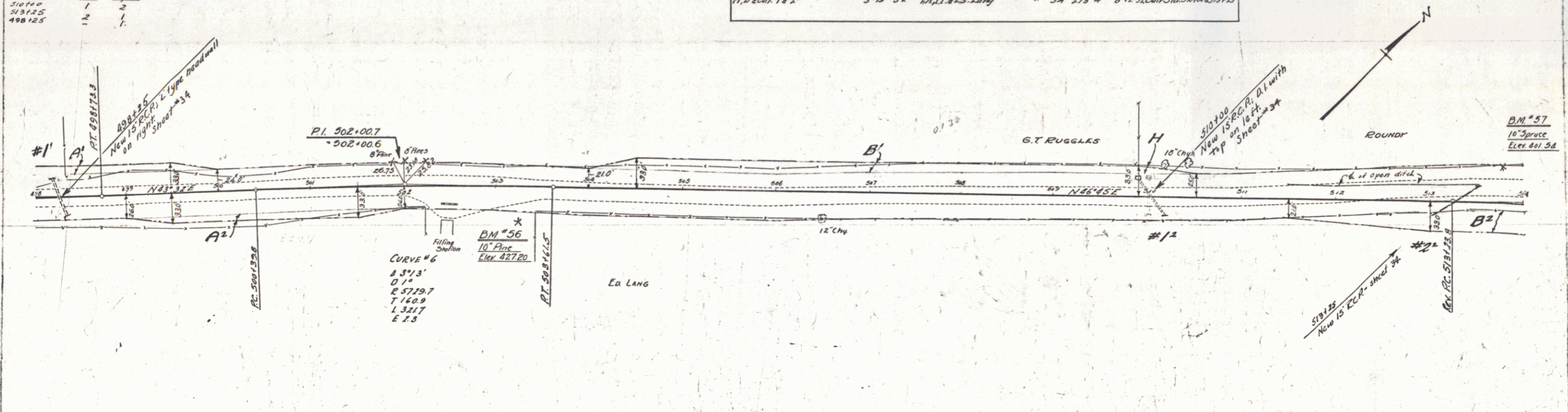
Word Sta	Left	Right
510.10	1	2
513.15	2	1
498.125	1	1

**NEW RING CORR. PIPE CULVERTS REQUIRED**

Sta	Beam Leng.	Code H.	Steel	C.R.M.
498.125	15' 24"	15" x 24"	73"	14"
510.100	15' 48"	15" x 48"	127"	14"
513.125	15' 48"	15" x 48"	127"	14"

Parcel	Kind of Instrument	Date of Instrument	Grantor	Grantee	Recorded Lynden	Page	Date	Remarks
H	O.C.D.	3-3-32	D.L. LANG & B.M. STOFF	STAFF	3A	247	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		3A	253	3-17-32	Cul. Sta. 498.125
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. J. BEE LANG		3A	278	3-18-32	Cul. Sta. 510.100

DATE: 1931, 86, 5, 110



SERIES F No. 56C  
SHEET 8 of 110

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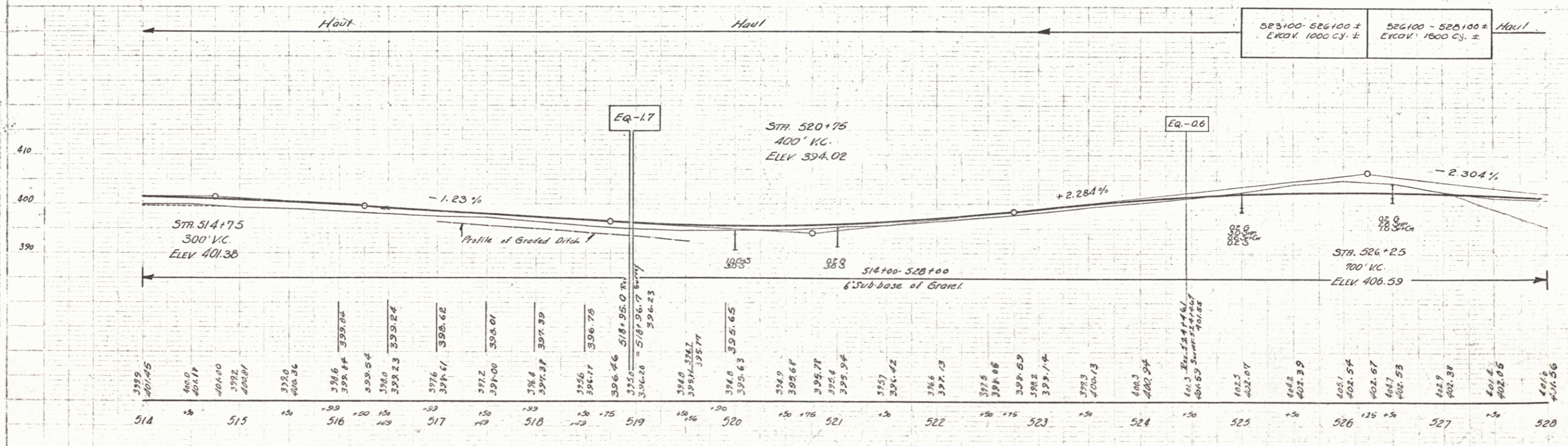
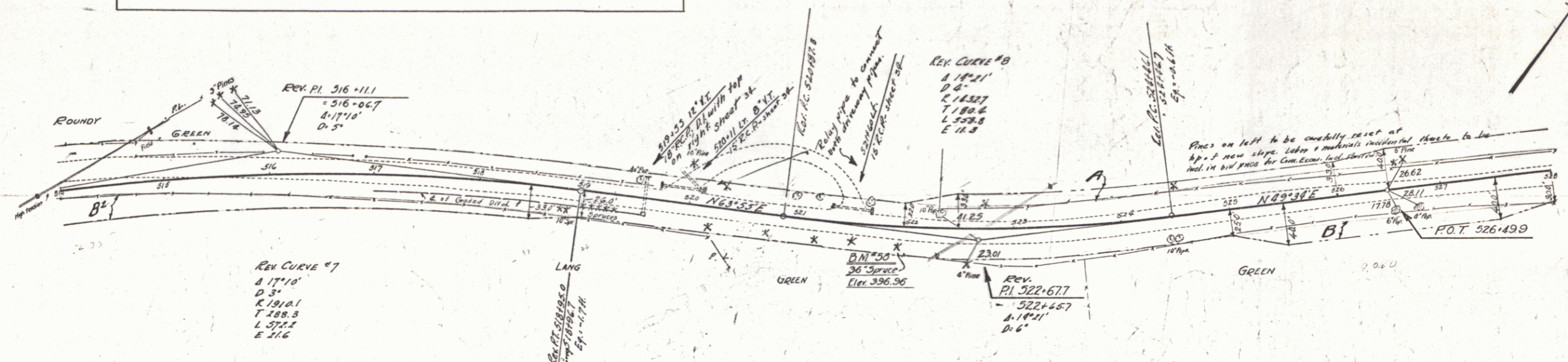
WOOD GUIDE POSTS REQUIRED  
 Curb Sta Left Right  
 519+55 2 2

NEW REIN. CONC. PIPE CULVERTS REQUIRED  
 Sta. Diam. Leng. Cons. R. Steel C.R.M.  
 519+55 18" 40' 15 Cy. 157 1.89.

NEW REIN. CONC. DRIVEWAY PILES REQUIRED  
 Sta. Diam. Leng. Cem. Rub. Mas.  
 520+11 L.R. 15" 40' 2.7 Cy. 2.7  
 521+60 L.R. 15" 40' 2.7

DATE: 11/12/31  
 SHEET: 9 OF 110

Parcel	Kind of Instrument	Date of Instrument	Grantor	Grantee	Recorded Lynden Book Page	Recorded Date	Remarks
B <sup>1</sup>	O.C.D.	3-15-32	EA. II. & ES. Lang	St. of H.	14	275-4	6-12-32
A#8	"	4-1-32	MINF. D. Greene	"	34	153-240	6-11-32

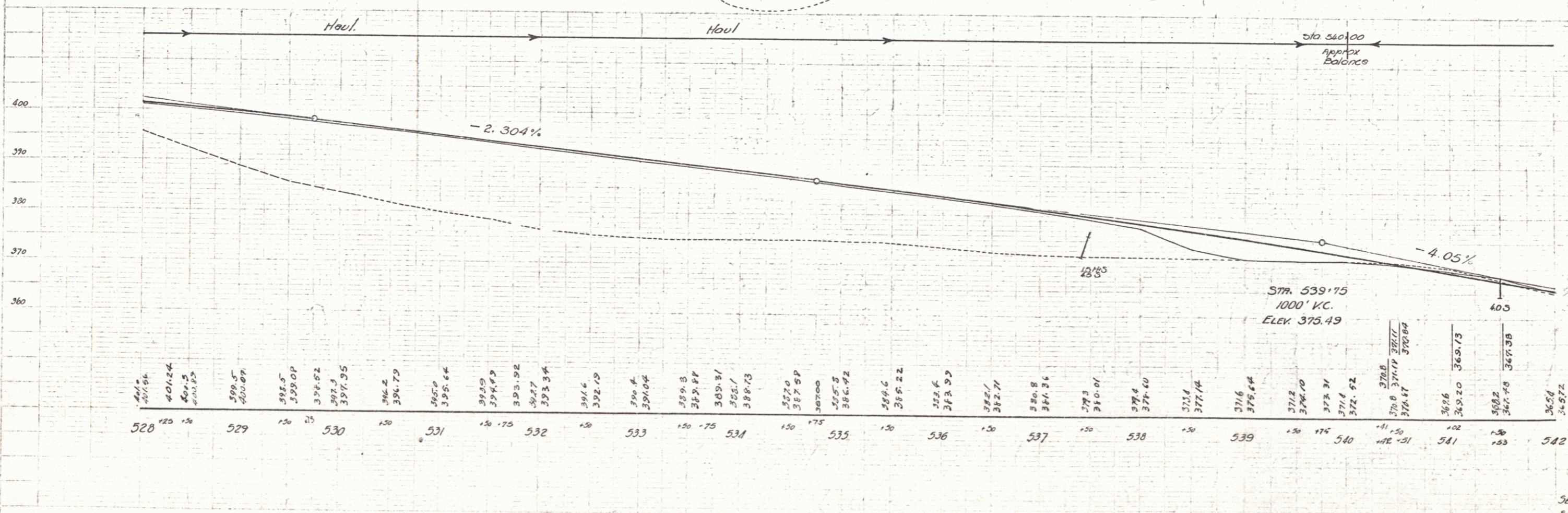
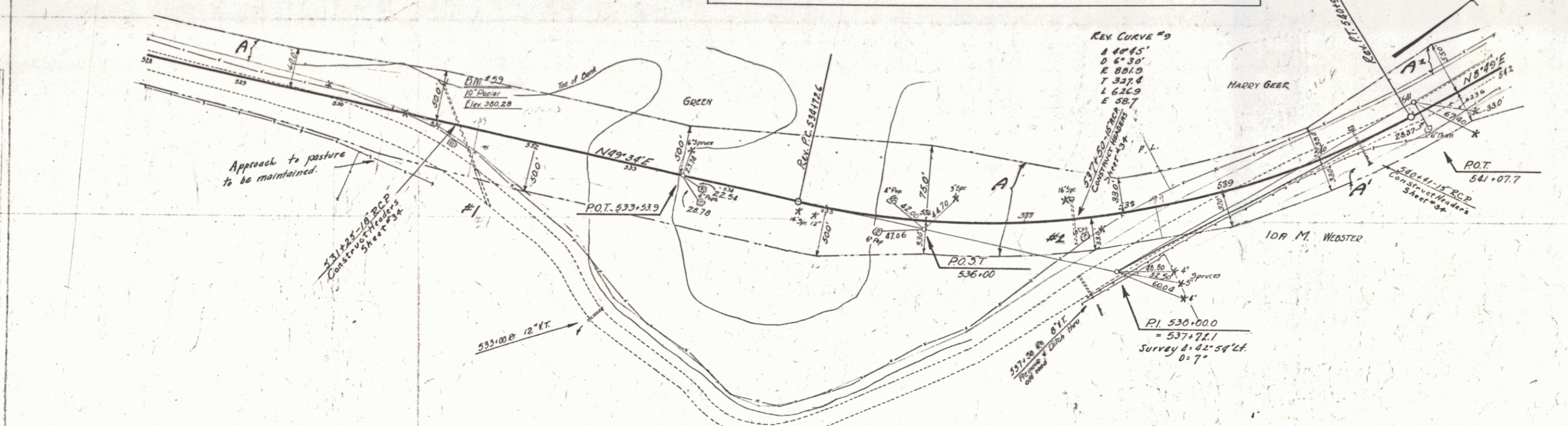


SERIES F No. 06C  
 SHEET 9 OF 110

WOOD GUARD RAIL REQUIRED			CABLE GUARD RAIL REQUIRED			NEW REIN. CONC. PIPE CULVERTS REQUIRED					
Culv. Sta.	Left	Right	Stations	Length	Consp. Ray/Length	Sta.	Diam.	Length	Consp. A	Steel	C.R. M.
537+50	1	-	528+40-532+80 RL	40'	40'	537+15	18"	111	18"	111	-
540+41	1	-	528+80-532+180 Lt	392'	40'	537+50	18"	111	18"	111	-
			540+130-542+100 RL	170'	40'	540+41	18"	111	18"	111	1.8%

Parcel	Kind of Instrument	Date of Instrument	Grantor	Grantee	Recorded	Remarks
A, C, D, 14, 2	G.C.D.	1-1-32	W.H. & F.D. Greene	Sto. W.	Book Page	6-11-32, Cully Sta. 531+38.8, 537+50
A	"	5-15-32	W.H. & F.D. Greene	Sto. W.	3A 257-9	5-27-32
A	"	8-15-32	Harry Von Geer	Sto. W.	3A 251	3-17-32

STATE OF ILLINOIS  
 COUNTY OF COOK  
 86 C 1931 10 16



SERIES F N° 86 C  
 SHEET 10 OF 110

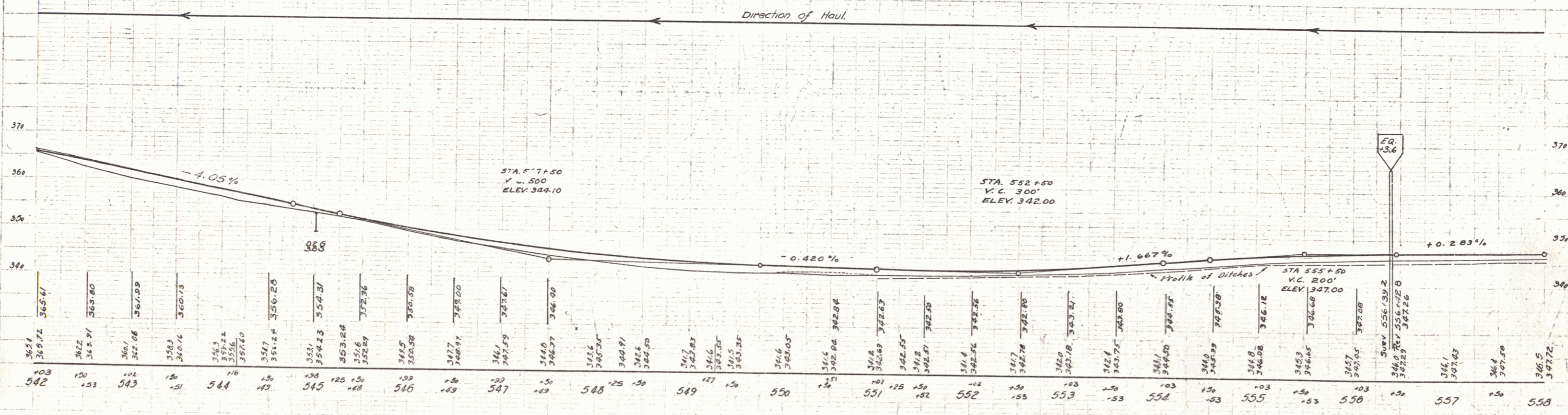
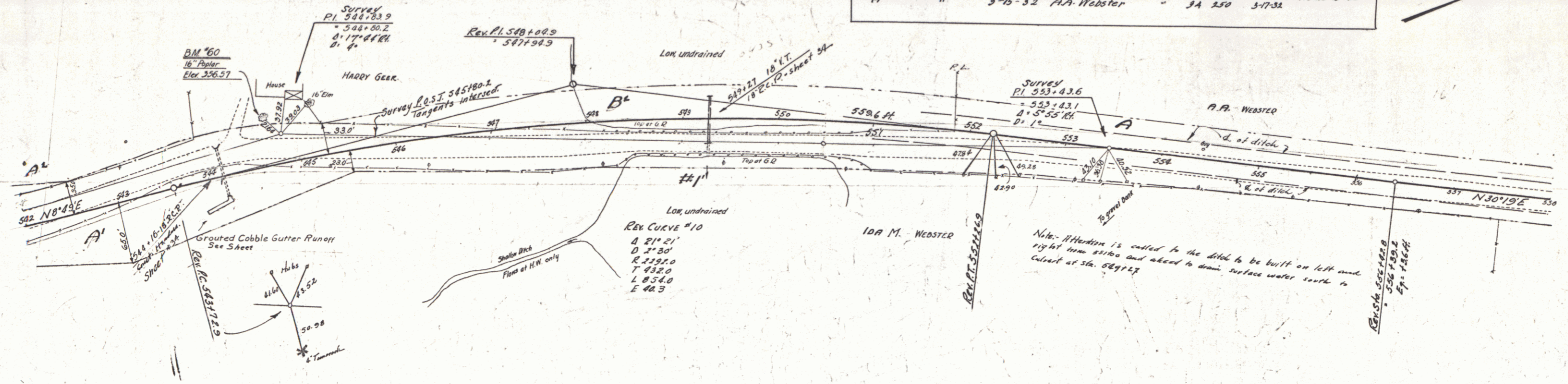
10

WOOD GUIDE RAIL REQUIRED		CABLE GUARD RAIL REQUIRED			NEW REIN. CONC. PIPE GUTTERS REQUIRED		
Sta	Left Right	Stations	Lang. Canal	Qty/ft	Sta	Diam. Lang.	Conc. A. Conc. C. Steel
545+27	- 24'	544+00-544+66.83	24"	40	286'	18"	40#
		544+27.25	76"	40	136	18"	40#

WOOD GUIDE POSTS REQUIRED	
Sta	Left Right
544+16	R

GROUTED CABLE GUTTER REQUIRED					
Stations	Width	Area	Remarks	Remarks	Remarks
544+16 culv outlet	3'-0"	10 sq. yds.			

Parcel	Kind of Instrument	Date of Instrument	Grantor	Grantee	Recorded Location	Remarks
A & B	G.C.D.	3-15-32	Harry & Vera Geer	Stef. A	3A 237	5-1-32
A & C	"	3-15-32	Harry & Vera Geer	Stef. A	3A 237-9	5-1-32
A	"	3-15-32	A.A. Webster	"	3A 230	5-17-32

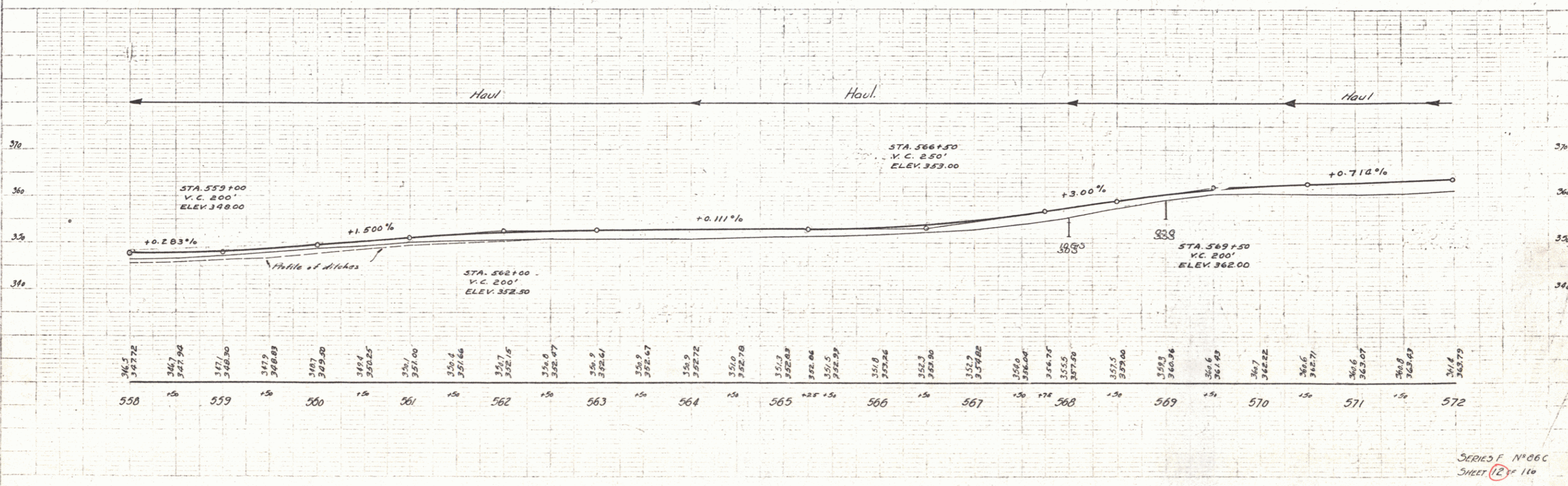
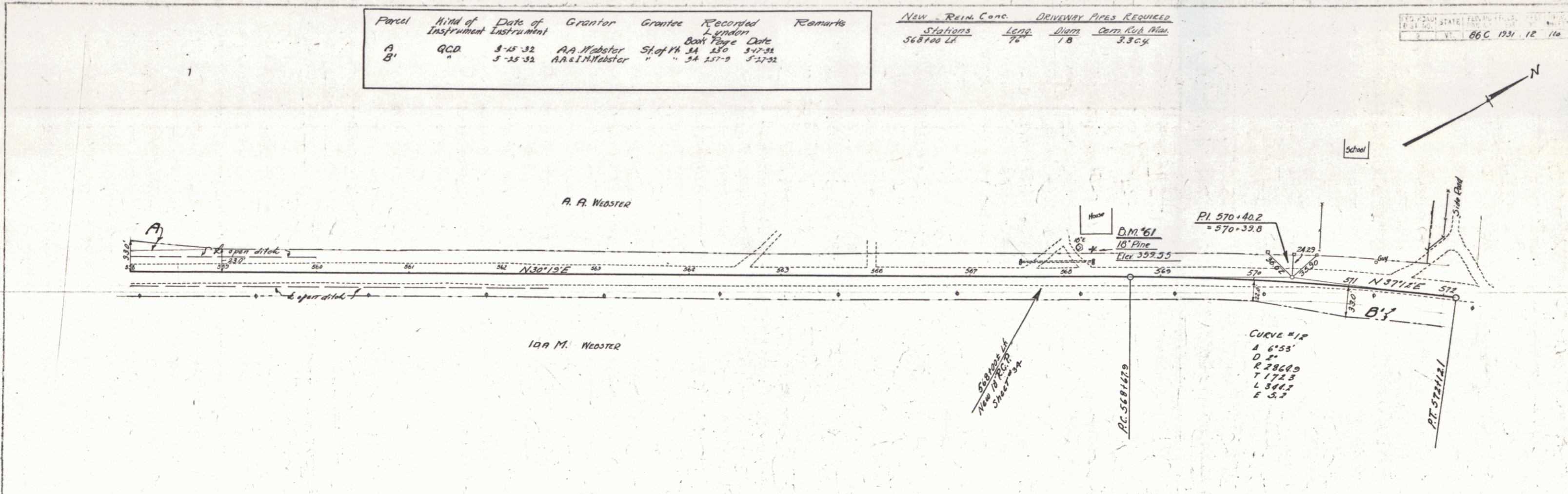


SERIES F. N° 86C  
SHEET 11 OF 16

Parcel	Kind of Instrument	Date of Instrument	Grantor	Grantee	Recorded	Remarks
A	QCD	3-15-32	A.A. Webster	Sh of Pt 34	250	5-17-32
B	"	3-25-32	A.A. & I.H. Webster	"	34	5-27-32

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

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



SERIES F N° 06C  
 SHEET 12 of 110

**Weed Guide Posts**

Culv. Sta.	Left	Right
572.50	1	1
580.00	1	1

**CABLE GUARD RAIL REQUIRED**

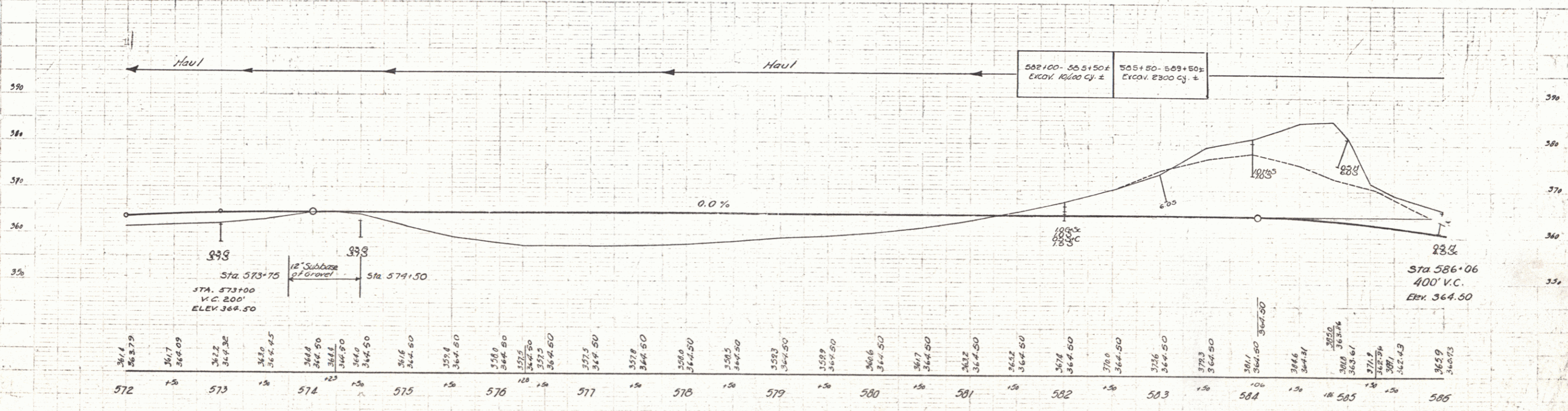
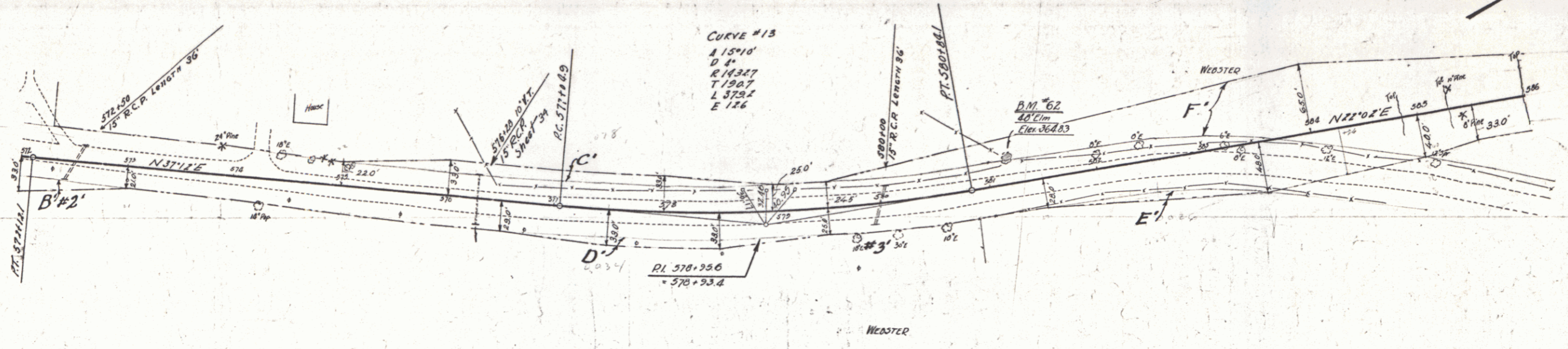
Stations	Length	Const.	Qty.	Length
576+28 L	48	60	88	
576+28 R	48	40	88	

**NEW REIN. CONC. PIPE CULVERTS REQUIRED**

Station	Diarm	Length	C.C. or Steel
572+50	15"	40'	2.3
576+28	15"	48'	2.3
580+00	15"	48'	2.3

Parcel B.C.D.E.F. Culv. 5'x3'x3'  
 Kind of Instrument G.C.D.  
 Date of Instrument 5-25-32  
 Grantor AA & IM Webster St. of PA SA  
 Grantee Bank of PA SA  
 Recorded 5-27-32  
 Book Page Date  
 5-27-32 Culv. Sta. 572+50 to 580+00

EDUCATED STATE PENNSYLVANIA  
 66 C 1931 13 110

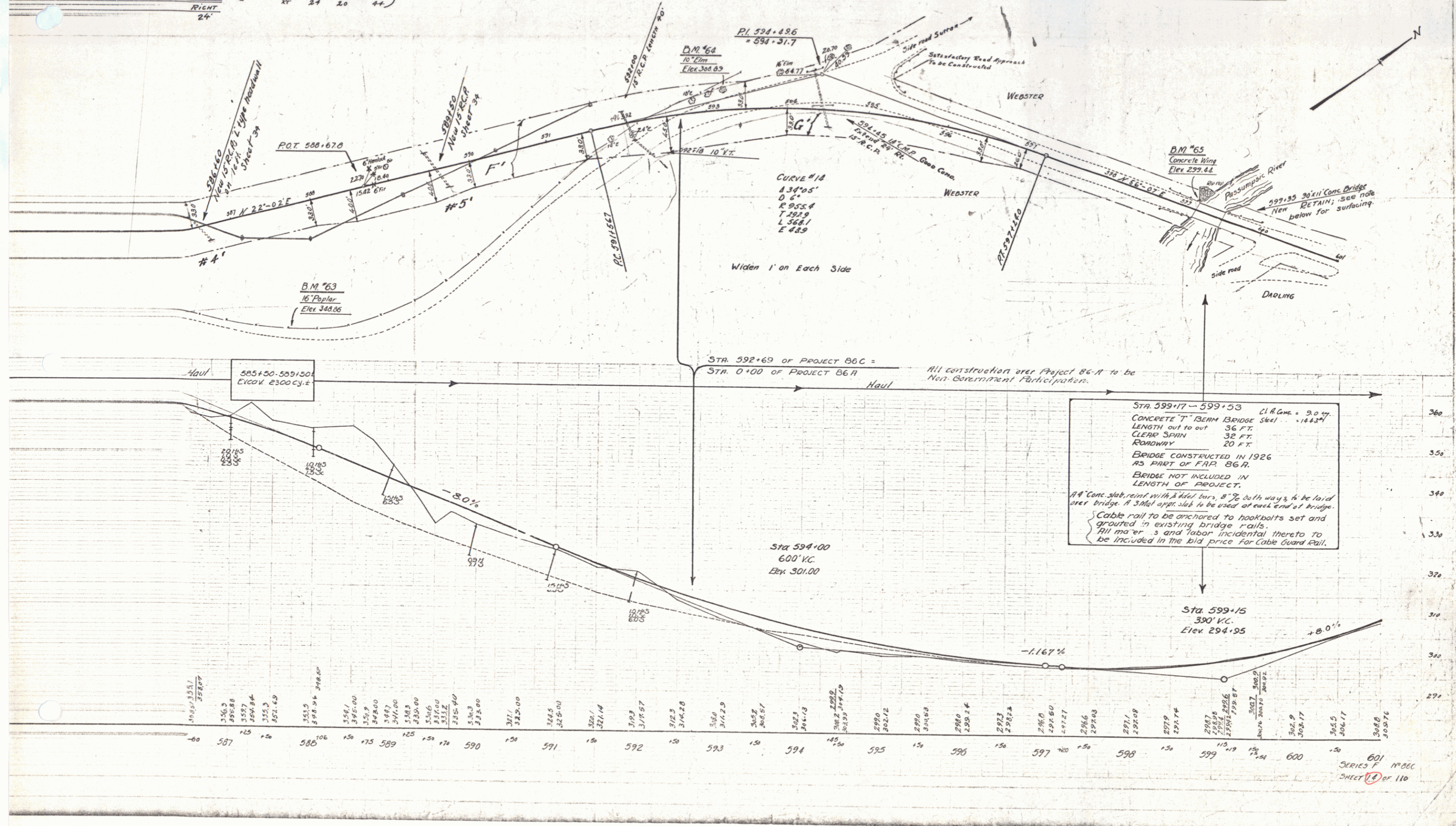


SERIES F No 66C  
 SHEET 13 OF 110

REQUIRED CABLE GUARD RAIL REQUIRED				NEW REIN. CONC. PIPE CULVERTS REQUIRED			
Right	Stations	Length	By/long	Sta	Diam	Length	C.R.M. Conc. A Steel
2	59170-59180R	280'	40'	320'	38 1/2"	48'	1.504
	59180-59190R	24'	20'	320'	38 1/2"	48'	1.504
	59190-59200R	24'	20'	320'	38 1/2"	48'	1.504
	59200-59210R	24'	20'	320'	38 1/2"	48'	1.504
	59210-59220R	24'	20'	320'	38 1/2"	48'	1.504
	59220-59230R	24'	20'	320'	38 1/2"	48'	1.504
	59230-59240R	24'	20'	320'	38 1/2"	48'	1.504
	59240-59250R	24'	20'	320'	38 1/2"	48'	1.504
	59250-59260R	24'	20'	320'	38 1/2"	48'	1.504
	59260-59270R	24'	20'	320'	38 1/2"	48'	1.504
	59270-59280R	24'	20'	320'	38 1/2"	48'	1.504
	59280-59290R	24'	20'	320'	38 1/2"	48'	1.504
	59290-59300R	24'	20'	320'	38 1/2"	48'	1.504
	59300-59310R	24'	20'	320'	38 1/2"	48'	1.504
	59310-59320R	24'	20'	320'	38 1/2"	48'	1.504
	59320-59330R	24'	20'	320'	38 1/2"	48'	1.504
	59330-59340R	24'	20'	320'	38 1/2"	48'	1.504
	59340-59350R	24'	20'	320'	38 1/2"	48'	1.504
	59350-59360R	24'	20'	320'	38 1/2"	48'	1.504
	59360-59370R	24'	20'	320'	38 1/2"	48'	1.504
	59370-59380R	24'	20'	320'	38 1/2"	48'	1.504
	59380-59390R	24'	20'	320'	38 1/2"	48'	1.504
	59390-59400R	24'	20'	320'	38 1/2"	48'	1.504

Parcel Kind of Date of Grantor Grantee Recorded Lyndon Date  
 F. G. C. A. D. 5-25-32 A. A. L. M. Webster Sta. 11 157-9 5-27-32 C. W. Sta. 586+00 to 594+00

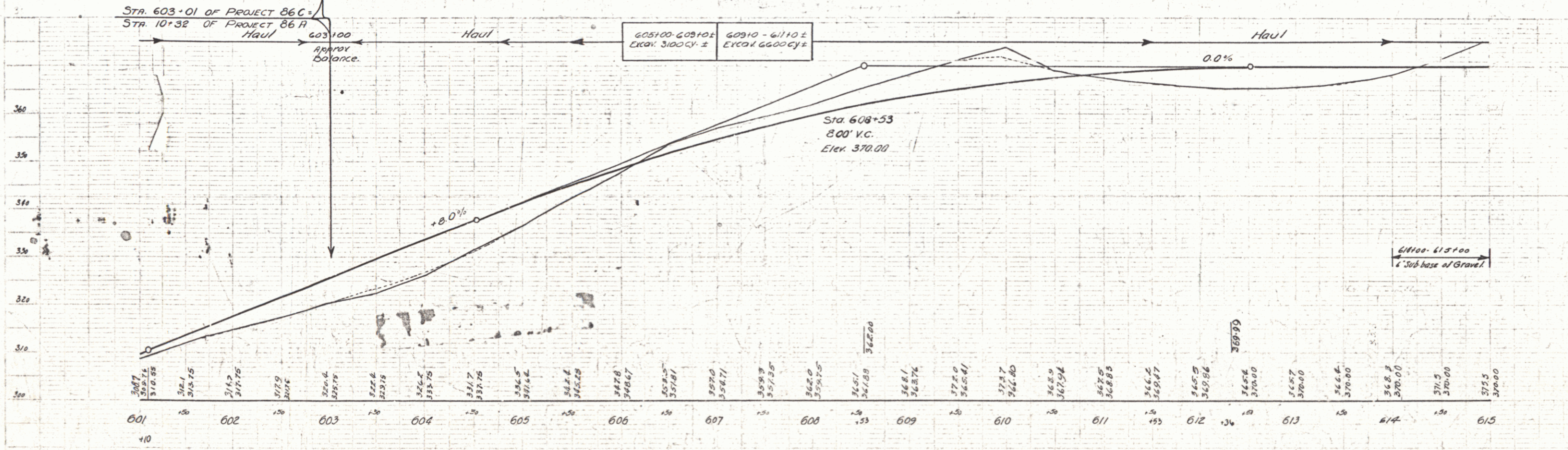
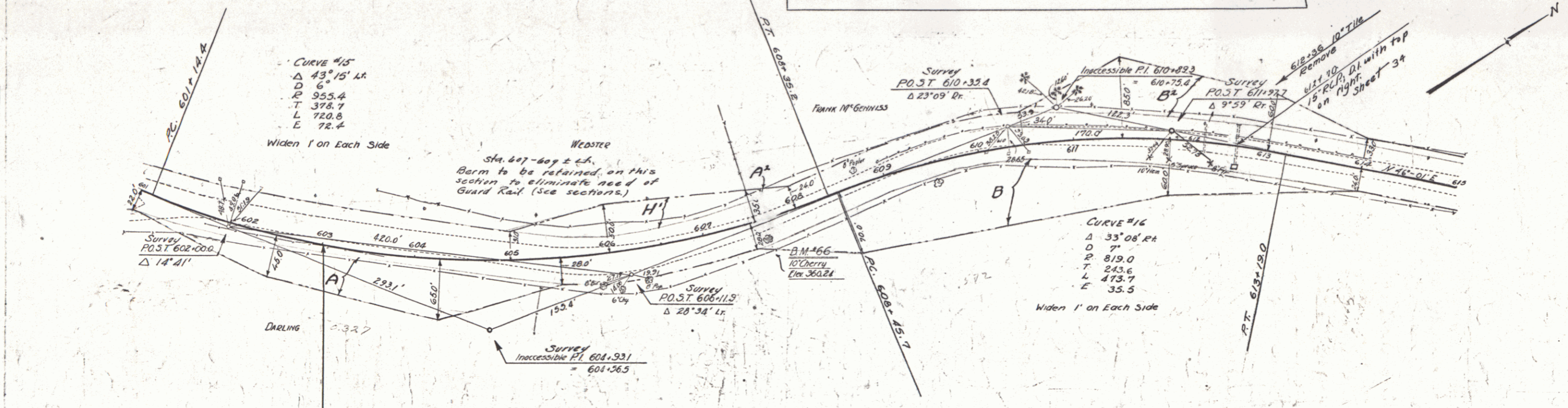
66 C 1931 14 110



Wood Guide Posts Required		Cable Girded Rail Required			New Reinf. Conc. Pipe Culverts Required						
Culv. Sta.	Left	Right	Stations	Length	Const.	Qty./Length	Sta.	Diam.	Length	Const.	R.C.M. Steel
612+70		2	601+70 - 605+70 EA	400'	40"	440'	612+70	15"	56'	15cy	1.2 107"
			607+60 - 608+60 EA	120'	40"	144'					
			617+60 - 618+60 EA	100'	40"	120'					

Parcel	Kind of Instrument	Date of Grant	Grantor	Grantee	Recorded	Remarks
N	O.C.D.	5-25-32	AA & M Webster	Steff	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

DATE 06C 1931 15 110

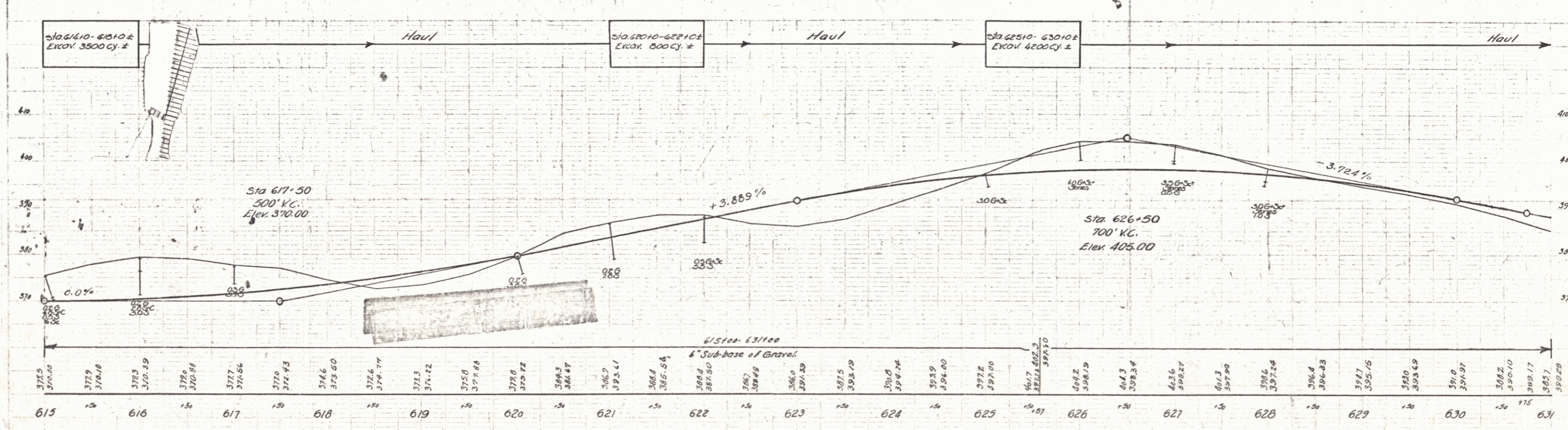
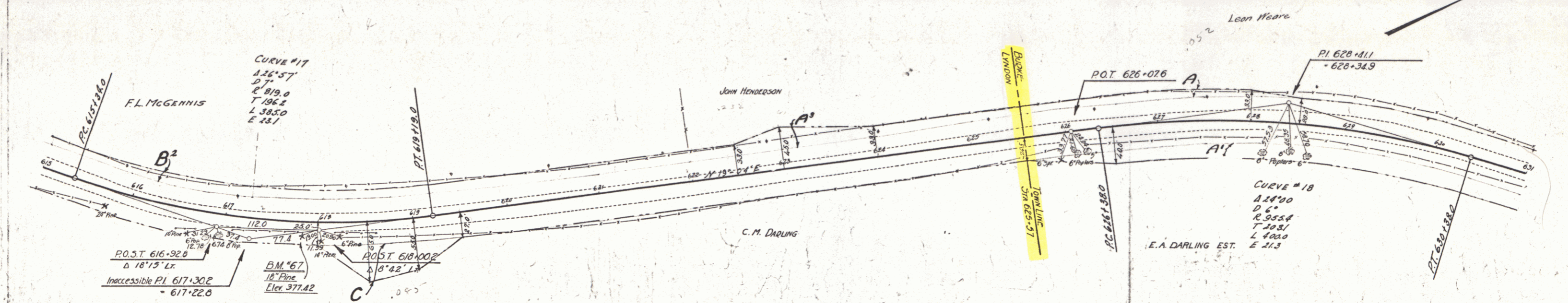


SERIES F NO 06C  
SHEET 15 OF 110

CHALK GUNDO PAV. REQUIRED  
 Stations    Length    Const.    Pav.    Temp.  
 61716-619100 L. 144' 48"    18"              
 621120-625100 L. 322' 48"    36"              
 630180-631100 L. 20' 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	O.C.D.	8-9-32	C.M. Darling	"	130 124 8-30-32	"
C	"	5-27-32	F.L. McGennis	"	3A 256-7 5-27-32	Lynden
A	"	8-9-32	C.M. Darling	"	3A 172-3 8-9-32	"
A	"	11-30-32	J.H. & E.V. Henderson	"	3A 206 12-12-32	"

06C 1931 16 110



Station	Elevation
615	372.5
616	371.9
617	371.56
618	371.43
619	371.22
620	370.72
621	369.61
622	368.54
623	367.30
624	365.19
625	362.94
626	360.59
627	358.27
628	355.93
629	353.56
630	351.17
631	348.79

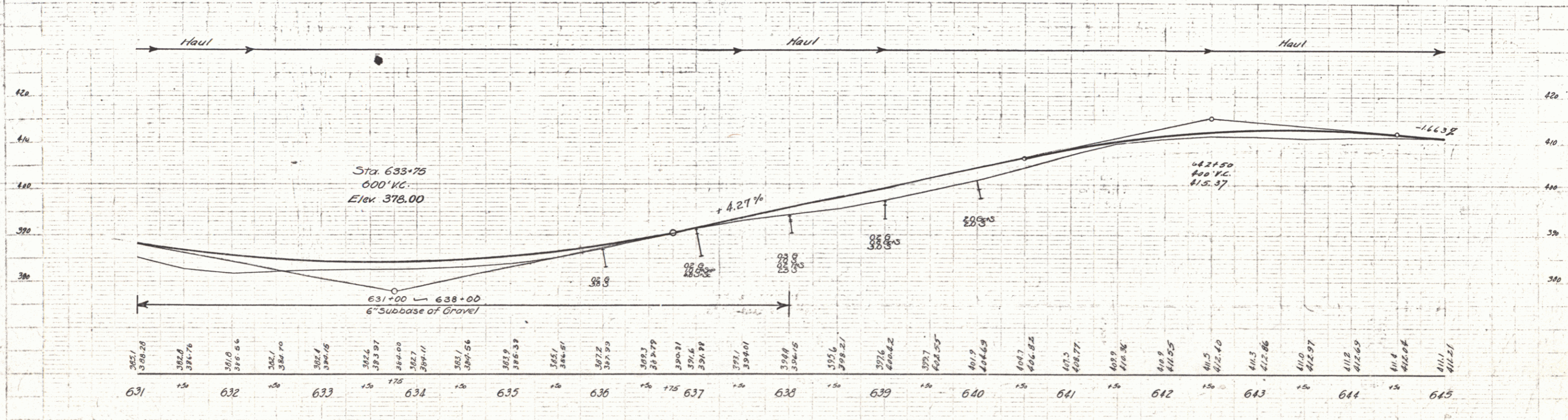
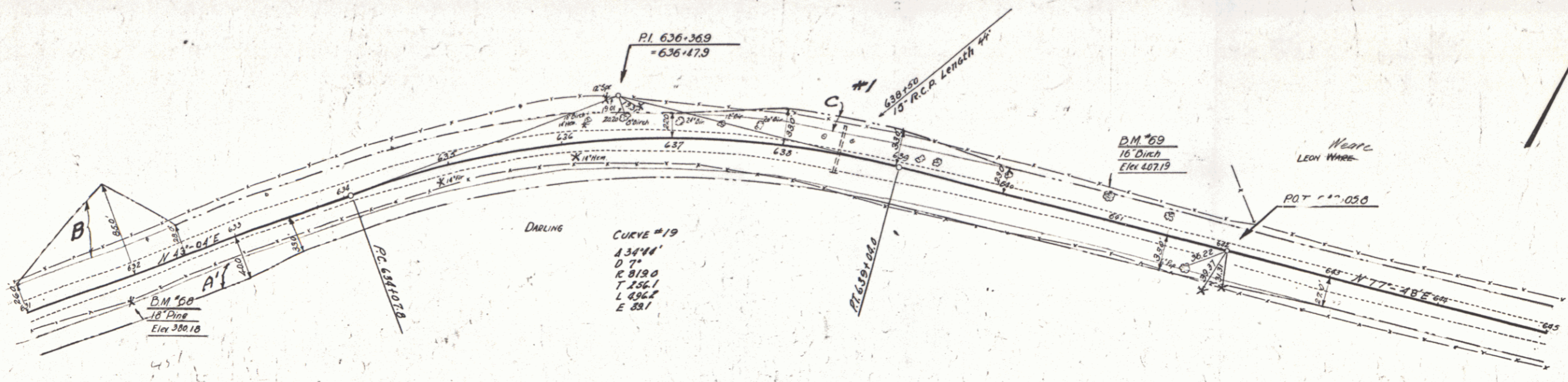
SERIES F N° 06C  
 SHEET 16 OF 110

16

Wood Guard Rail				CABLE GUARD RAIL REQUIRED				NEW REIN. CONC. PIPE CULVERTS REQUIRED				
Culv. Sta.	Left	Right	Stations	Long.	Const.	Qty.	Long.	Sta.	Diam.	Length	C.E.M.	Steel
638+50	24'	24'	631+00-638+00	500'	20"	320		638+50	15"	48'	1.27	

Parcel	Kind of Instrument	Date of Grant	Grantor	Grantee	Recorded	Remarks
B, C, Culv. #1	G.C.D.	5-25-32	Leah, Leah, Ware	St. of W.	190	180
A	"	8-19-32	C. N. Darling	"	154	180

STATE	PLANS	DATE	SCALE
VT	86 C	1931	17 1/2"

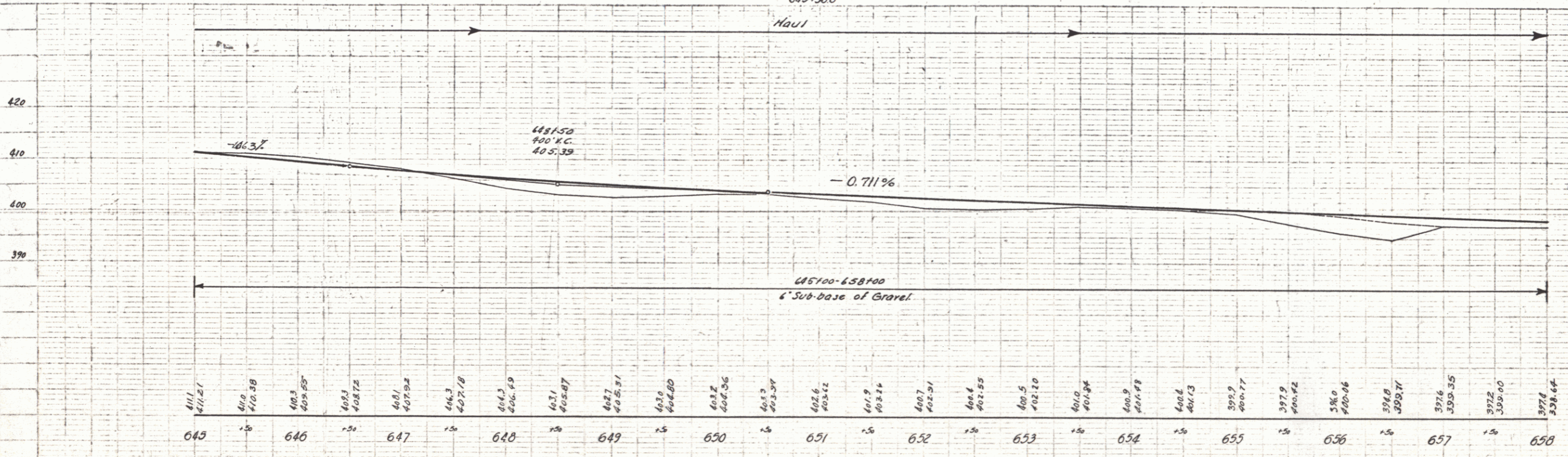
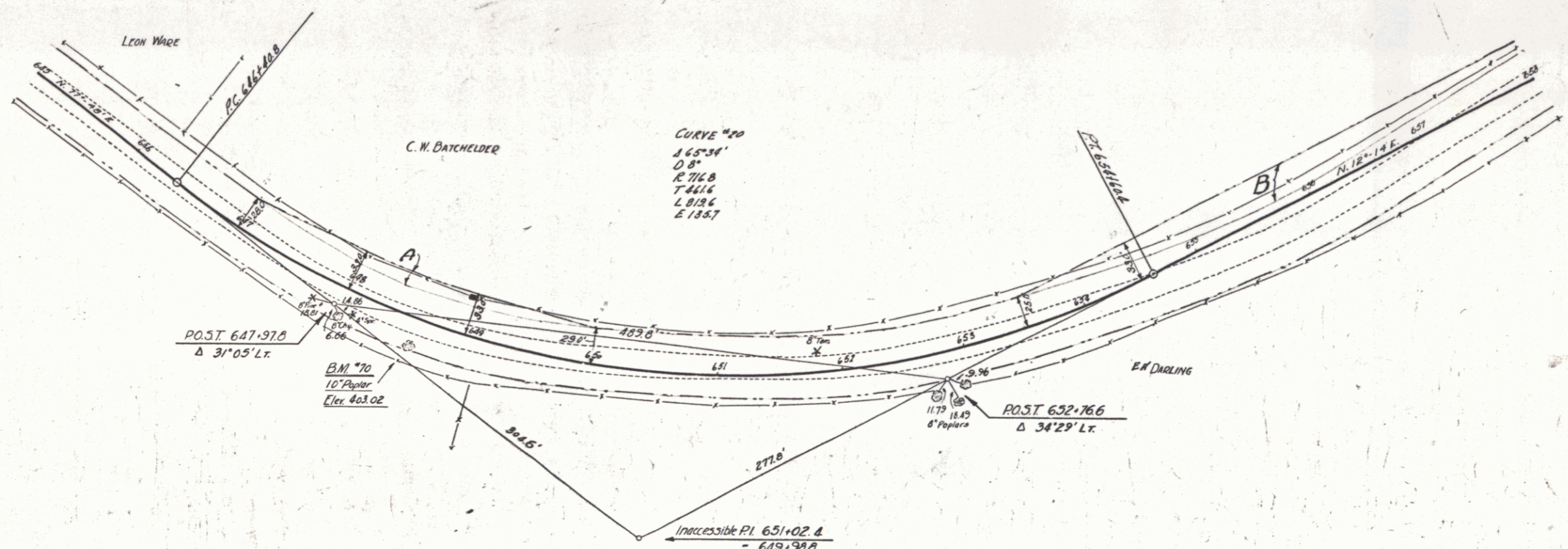


SERIES F N° 86 C  
 SHEET 17 OF 110

CABLE GUARD RAIL REQUIRED			
STA. - STA.	LENG.	CONS.	PAY LENG.
647+70 - 649+54	184'	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



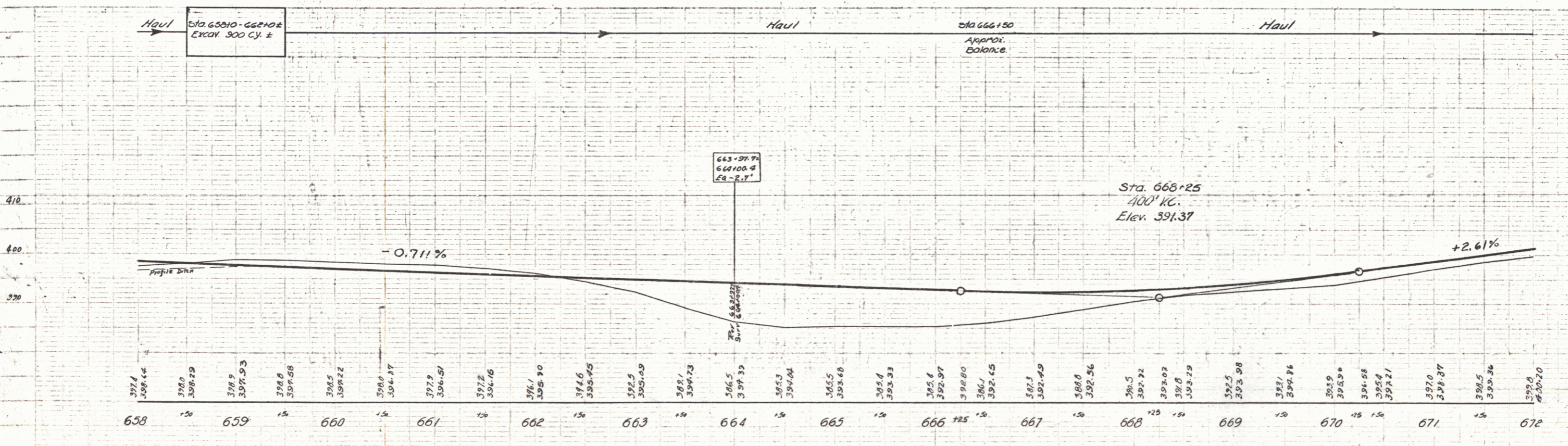
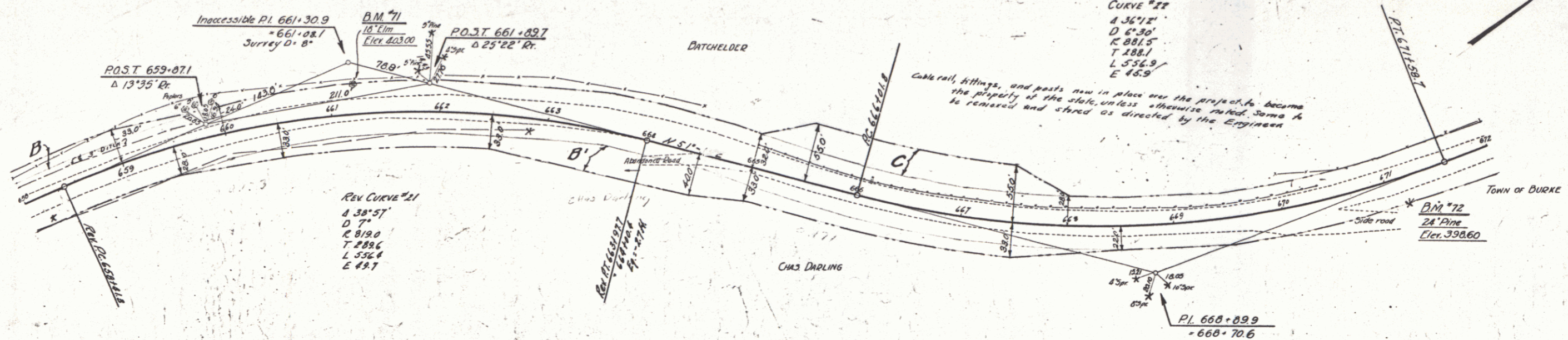
SERIES F NO 86 C  
SHEET 10 OF 110

18

**Cable Guard Rail Required**  
 Stations: 664780-668140 Lt. 360' 40' 400'  
 663700-669444 Rt. 144' 40' 184'

Parcel	Kind of Instrument	Date of Instrument	Grantor	Grantee	Recorded Burke	Remarks
B&C	C.C.D.	1-4-32	CW & J. Batchelder	St. of W.	Book 18 Page 304	5-17-32
B	"	8-9-32	CW Darling	"	19C 15A	8-31-32

STATE OF MASSACHUSETTS  
 DISTRICT OF WORCESTER  
 66C 1937 19 110



SERIES F No 66C  
 SHEET 19 OF 110

WOOD GUIDE POSTS REQUIRED

Curve Sta	Left	Right
674+71	1	
680+29		1
685+39		1

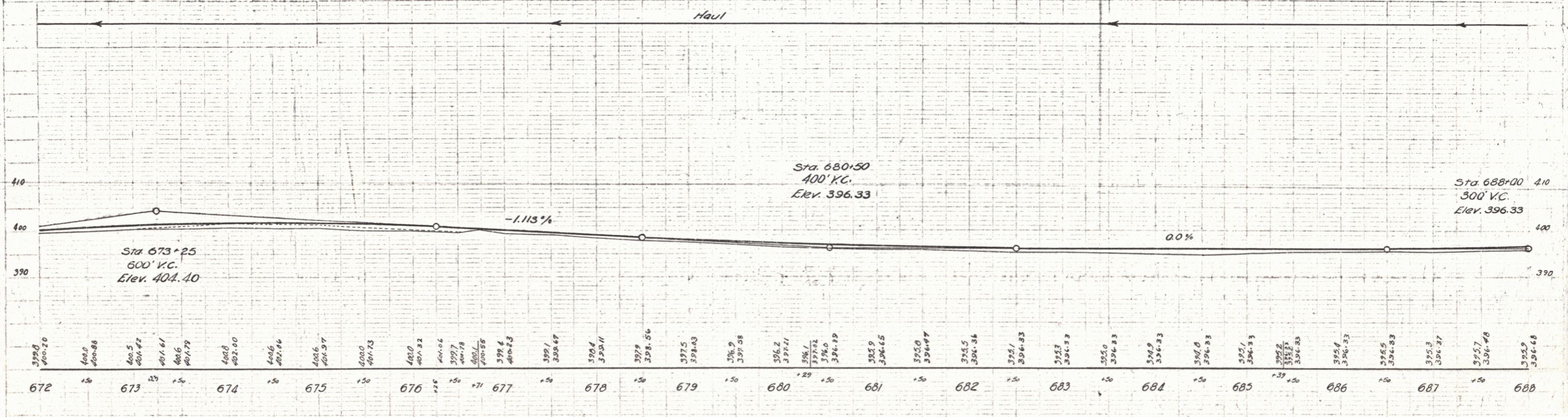
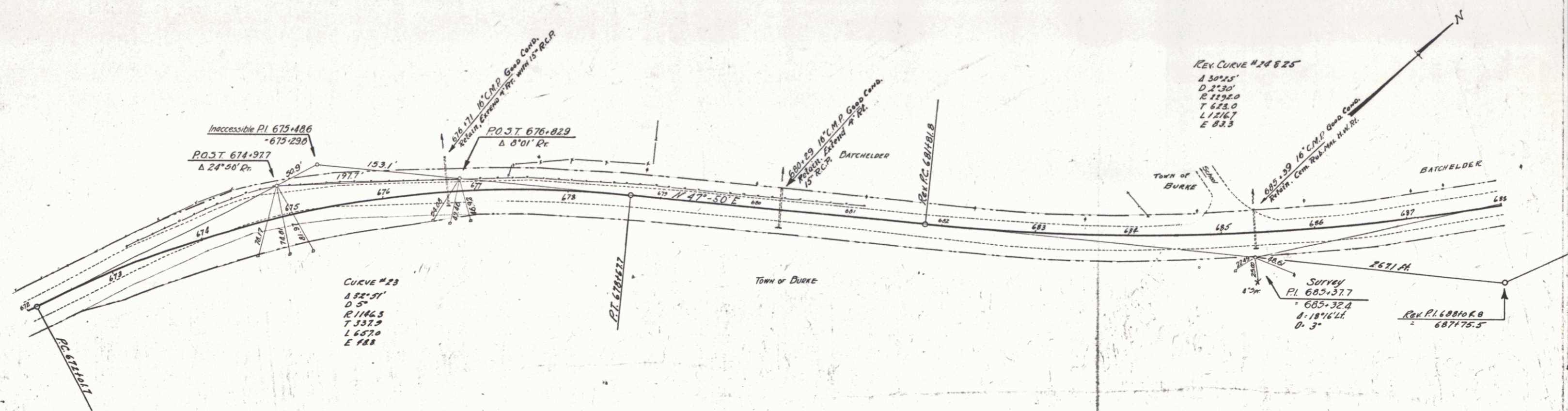
NEW PIPE CONC. PIPE CULVERTS REQUIRED

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

CURVEG. GALV. METAL PIPES RETAINED

Sta	Diam	Con. Rub. Hdz.
683+29	16"	1.5'

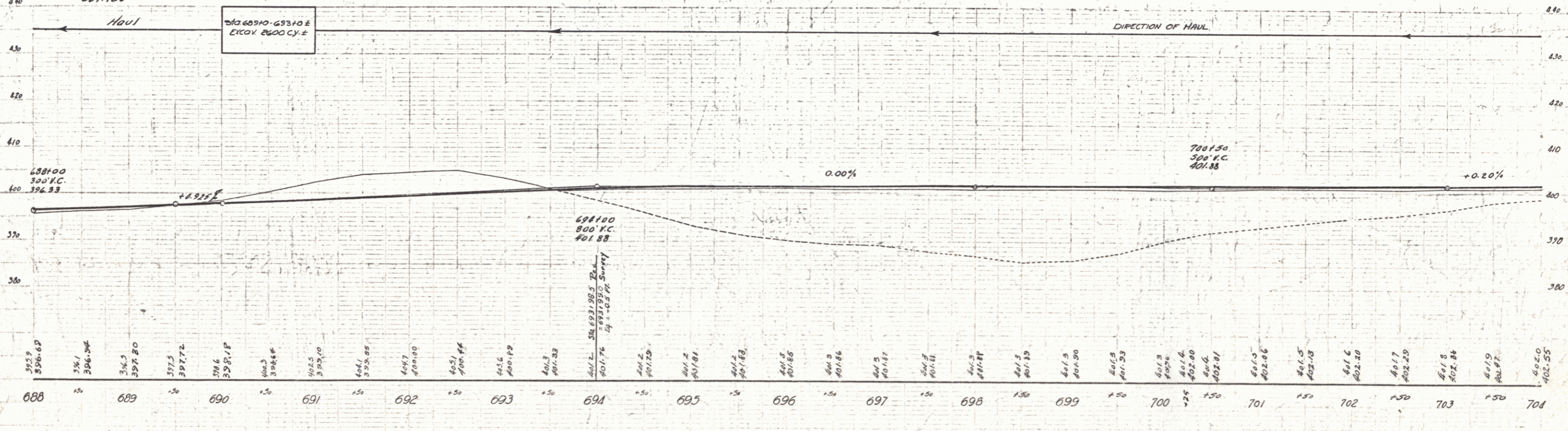
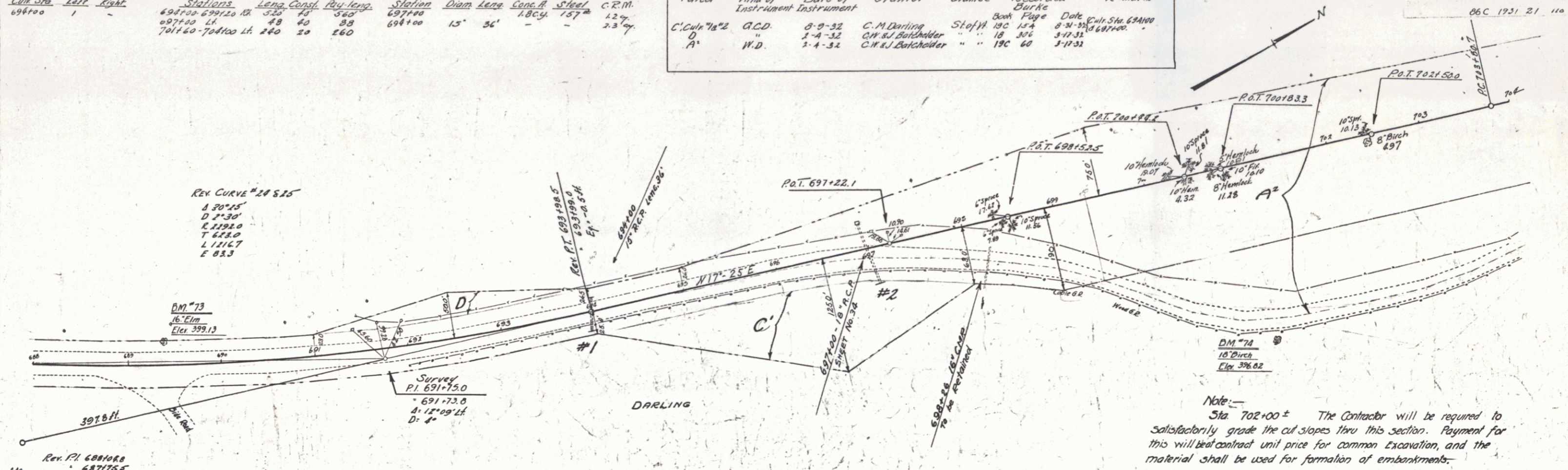
06C 1931 20 110



SERIES F. NO 06C  
SHEET 20 OF 110

Wood Guide Posts			CABLE GUARD RAIL REQUIRED			NEW PRINF. CONG. PIPE CULVERTS REQUIRED					
Cut Sta.	Left	Right	Stations	Length	Const. Poly. Length	Station	Diam	Length	Conc. R.	Steel	C.P.M.
694+00			694+00-699+20 L.H.	50	40	697+00	15"	36'	1.8CY	157'	1.27
			697+00 L.H.	48	40						2.37
			701+60-704+00 L.H.	240	20						

Parcel	Kind of Instrument	Date of Instrument	Grantor	Grantee	Recorded Book	Recorded Page	Date	Remarks
C. Culv. 718'2"	G.C.D.	8-9-32	C.M. Darling	Stofva	19C	154	8-31-32	Cul. Sta. 694+00
D	"	1-4-32	C.W. & J. Batchelder	"	18	306	3-17-32	"
A	W.D.	1-4-32	C.W. & J. Batchelder	"	19C	60	3-17-32	"



SERIES F N°26C  
SHEET 2 OF 110

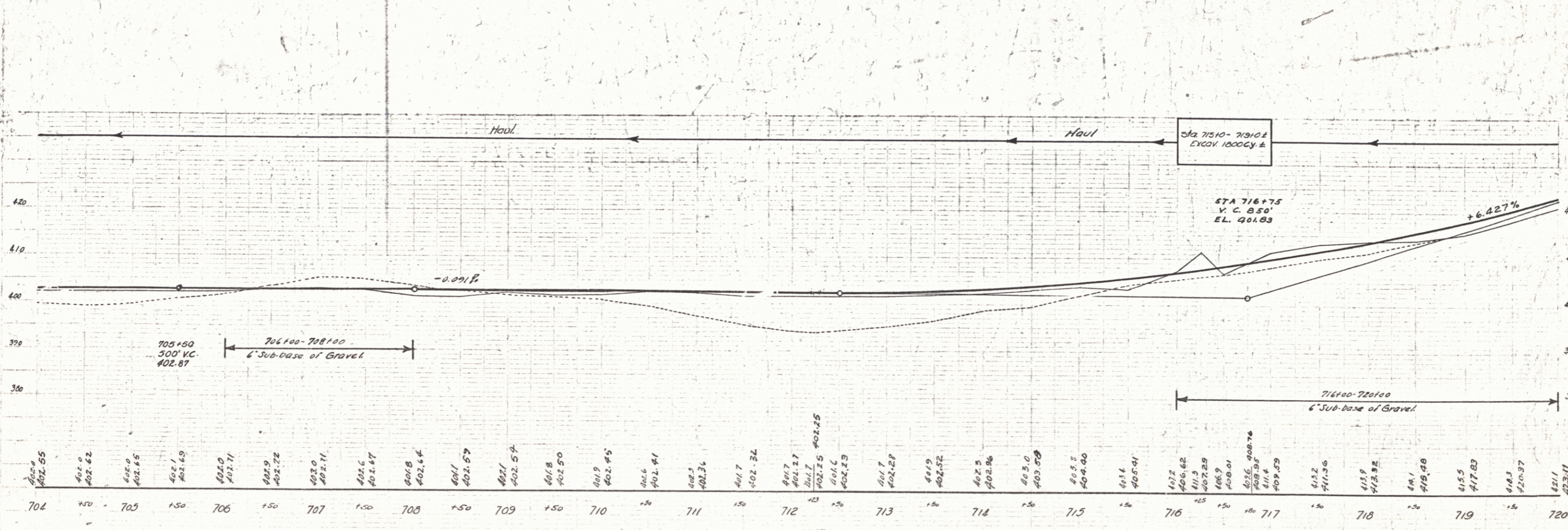
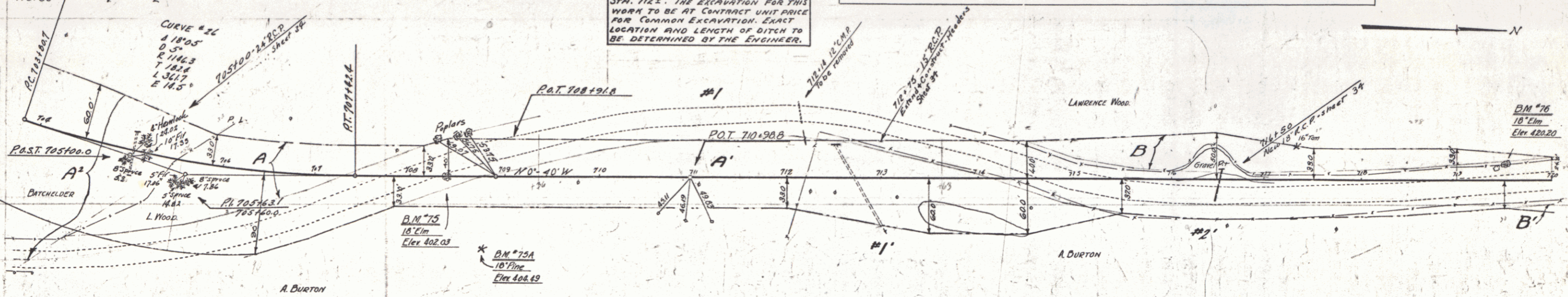
WOOD GUARD RAIL REQUIRED				CYCLE GUARD RAIL REQUIRED				NEW REIN. CONC. PIPE CULVERTS REQUIRED			
Culv. Sta.	Left	Right	Point	Stations	Length	Grade	By-1/2	Station	Diam	Length	C.R. V.L.
705+50	24'	-	711+96	715+00	304'	40	544	705+50	18"	36'	3.5'
712+50	-	-	-	-	-	-	-	712+75	15"	30'	2.7'

Parcel	Kind of Instrument	Date of Instrument	Grantor	Grantee	Recorded Book	Page	Date	Remarks
A	M.D.	2-4-32	C.H. Batchelder	Staph	190	60	3-17-32	
Culvert #1	G.C.D.	2-29-32	C.H. Batchelder	"	190	129	3-17-32	Sta. 705+80 to South of 80'
A.B. D.K.A. #1	"	5-17-32	W.L. & N.P. Wood	"	190	166	6-18-32	Sta. 711+00 to 712+25
A.B. C.A.P. #2	"	5-21-32	A.H. & Emily Burton	"	190	74	5-30-32	Culv. Sta. 712+50 to 714+50

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

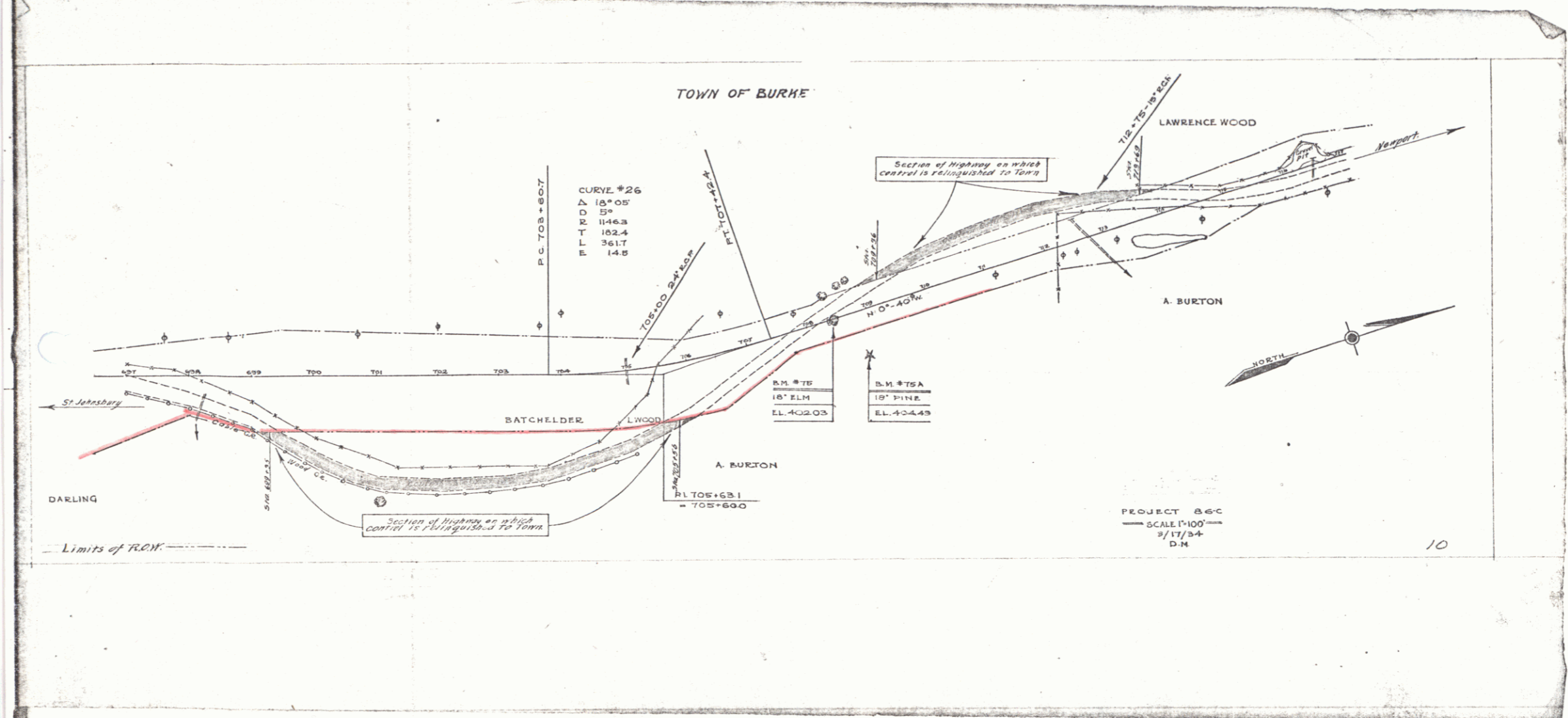
Sta.	Left	Right
716+50	1	2

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
704	402.85	708	402.64	712	402.25
705	402.82	709	402.54	713	402.28
706	402.69	710	402.45	714	402.26
707	402.22	711	402.34	715	402.58
708	402.11	712	402.25	716	406.62
709	402.11	713	402.28	717	407.29
710	402.14	714	402.26	718	408.01
711	402.16	715	402.58	719	408.95
712	402.25	716	406.62	720	409.59
713	402.28	717	407.29		
714	402.26	718	408.01		
715	402.58	719	408.95		
716	406.62	720	409.59		

SERIES F N° 866  
SHEET 22 OF 110



CURVE #26  
 Δ 15° 05'  
 D 5'  
 E 1146.3  
 T 102.4  
 L 361.7  
 E 14.8

B.M. #75B  
 18" ELM.  
 EL. 402.03

B.M. #75A  
 19" PINE  
 EL. 404.49

B.M. #75C  
 18" ELM.  
 EL. 402.03

22A

23

**WOOD GUIDE POSTS REQUIRED**

Sta	Left	Right
733+50	2'	2'

**WOOD GUIDE POSTS REQUIRED**

Sta	Left	Right
733+50	2'	2'

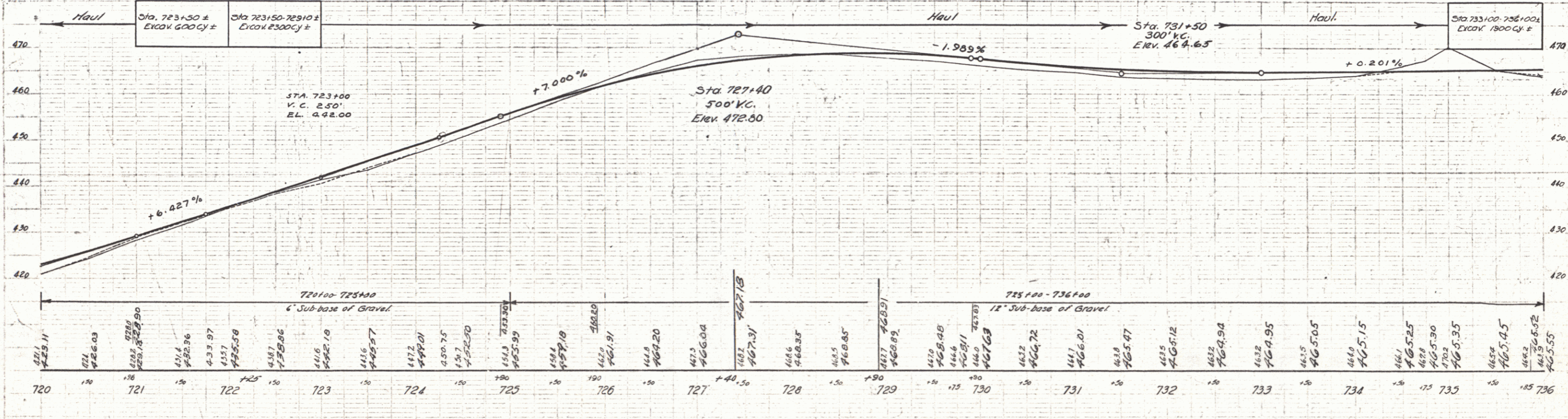
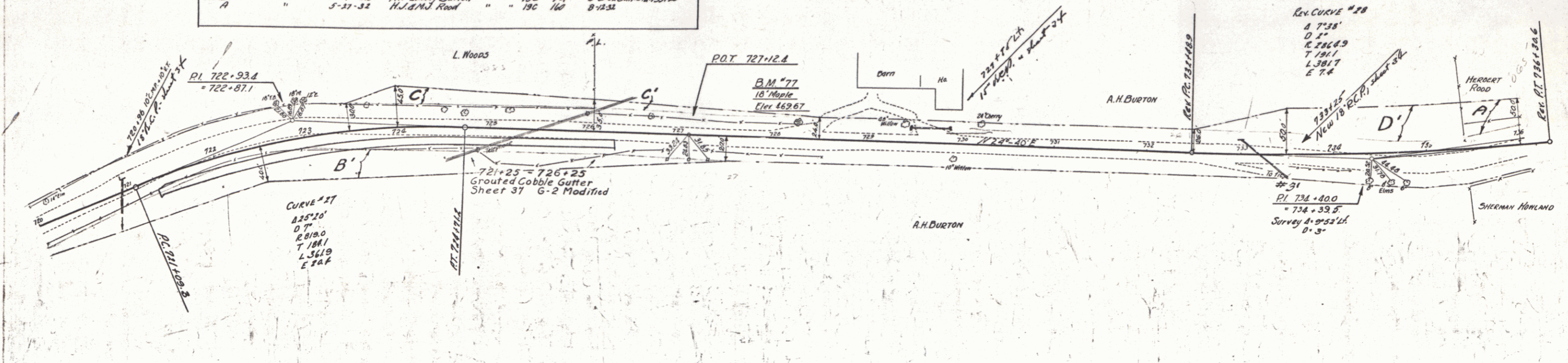
**NEW REIN. CONC. PIPE CULVERTS REQUIRED**

Station	Diam	Length	Conc. R.	Steel	C.R.M.
733+25	18"	40'	-	-	14.7y.
724+96	18"	60'	1.8cy.	75'	-
727+74.4	15"	62'	-	-	2.7

**GROUTED COBBLE GUTTER REQUIRED**

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

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	Stef. H.	102	166	5-28-32	
B.C.D. & C. & S.	"	5-27-32	A.H. & Emily Burton	"	190	274	5-30-32	Culvert Sta. 733+25
A	"	5-27-32	H.J. & M.J. Wood	"	190	166	8-13-32	



Station	Elevation
720	423.11
721	426.03
722	433.97
723	442.10
724	450.75
725	457.99
726	461.91
727	466.04
728	468.35
729	468.85
730	468.48
731	466.01
732	465.47
733	464.95
734	465.15
735	465.25
736	465.55

FED. ROAD STATE DIST. NO. 06 C. 1931 E3 110

SERIES F No 06 C  
SHEET (23) OF 110

Wood Guard Rail Required  
 CULV STA Left Right  
 736+50 24' 24'

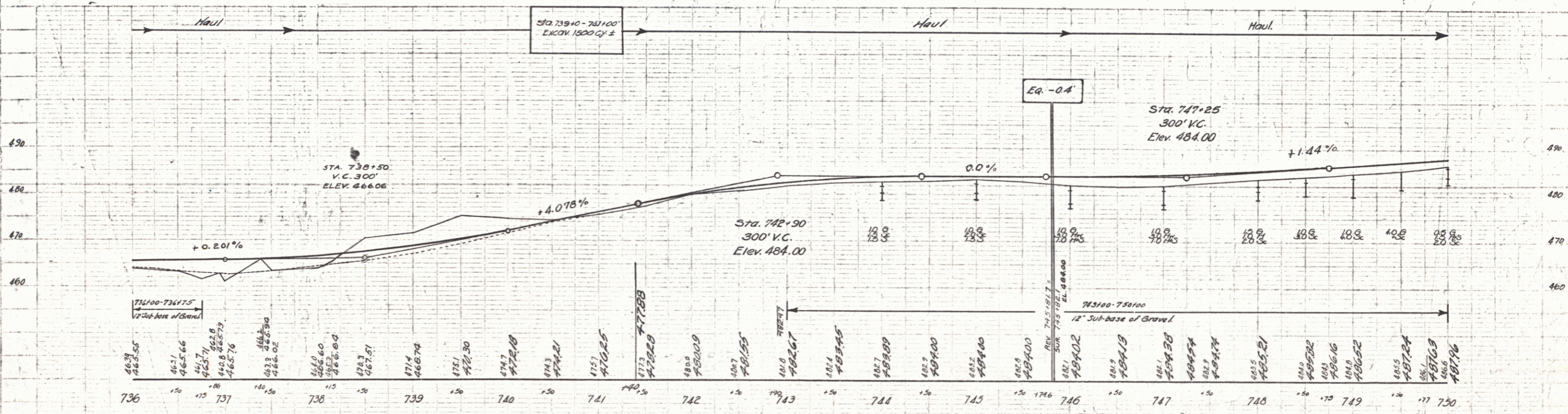
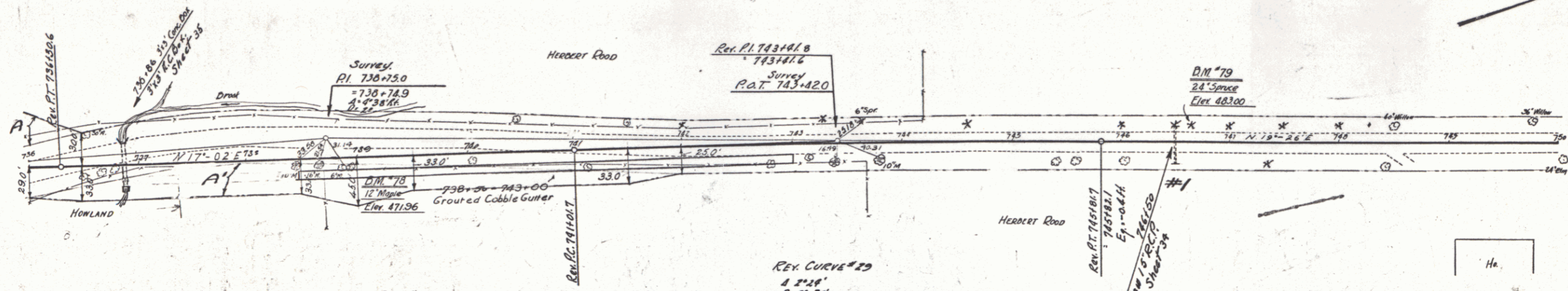
New Rein. Conc. Pipe Culverts Required REIN. CONC. BOX CULVERTS REQUIRED  
 Station Diam. Leng. C.R.M. Station Size Conc. R. Steel  
 746+50 15' 36' 2.3 cy 736+86 3'x3' 10.2 cy 1262

GRAVATED COBBLE GUTTER REQUIRED  
 Stations Width Bed  
 738+00-743+00 4' 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
A7	"	5-25-32	St. S. Stella & Howard	"	190	69	5-30-32	"



SERIES F N° 06C  
 SHEET 22 OF 110

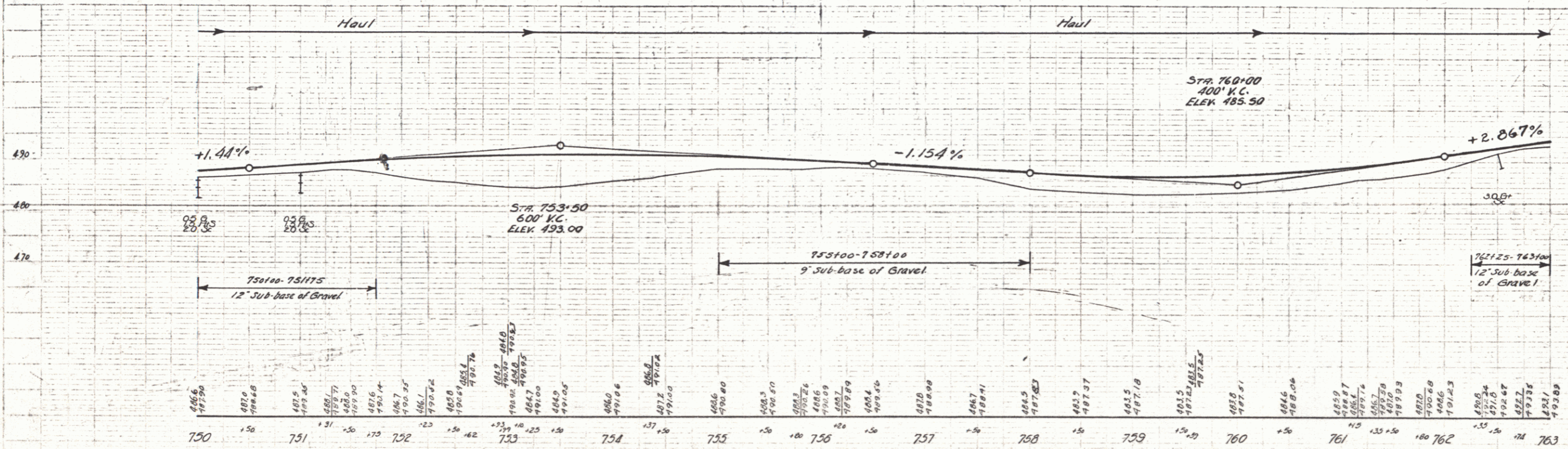
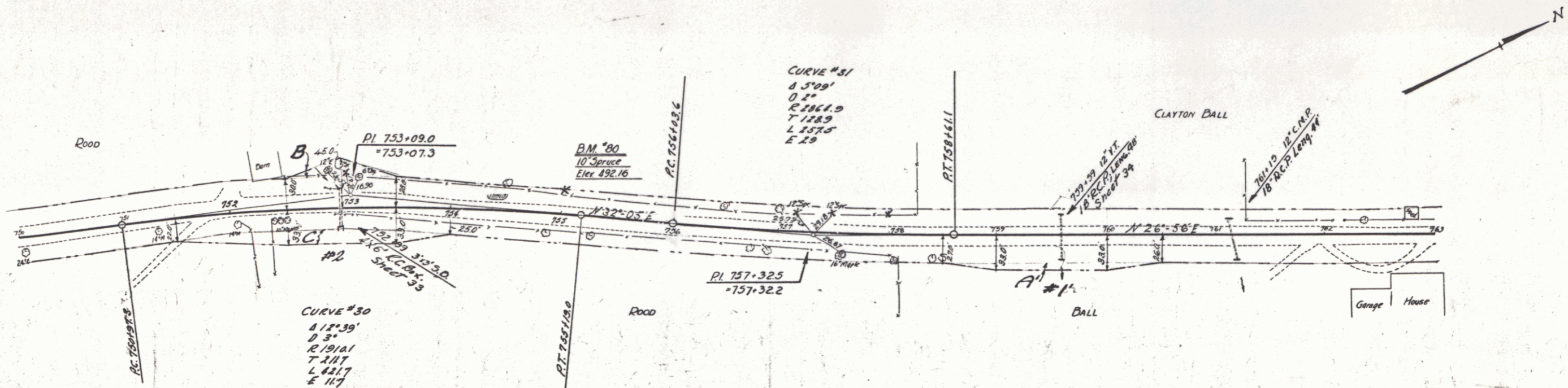
25

WOOD GUARD RAIL REQUIRED		CRACK GUARD RAIL REQUIRED		NEW BENT CONC. PIPE CULVERTS REQUIRED			RAINING CONC. BOX CULVERTS REQUIRED			
Cul. Sta	Left	Right	Stations	Long	Const.	By/Long	Station	Size	Conc.	R. Steel
7591.59	24'	24'	7521.93 RL	48'	40'	88'	7511.15	18" x 44"	3.0 c.y.	
			7521.93 RL	48'	40'	88'				
			7521.93 RL	48'	40'	88'				

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. & Maudie J. Road	Staf. W.	130	180	8-11-33 Cul. Sta. 7521.93
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 GUARD POSTS REQUIRED		
Sta	Left	Right
7611.15	1	2



SERIES F N°86C  
SHEET 25 OF 110

26

**WOOD GUARD RAIL REQUIRED**

Qty	Left	Right
765+91	1	2
775+82		

**WOOD GUIDE POSTS REQUIRED**

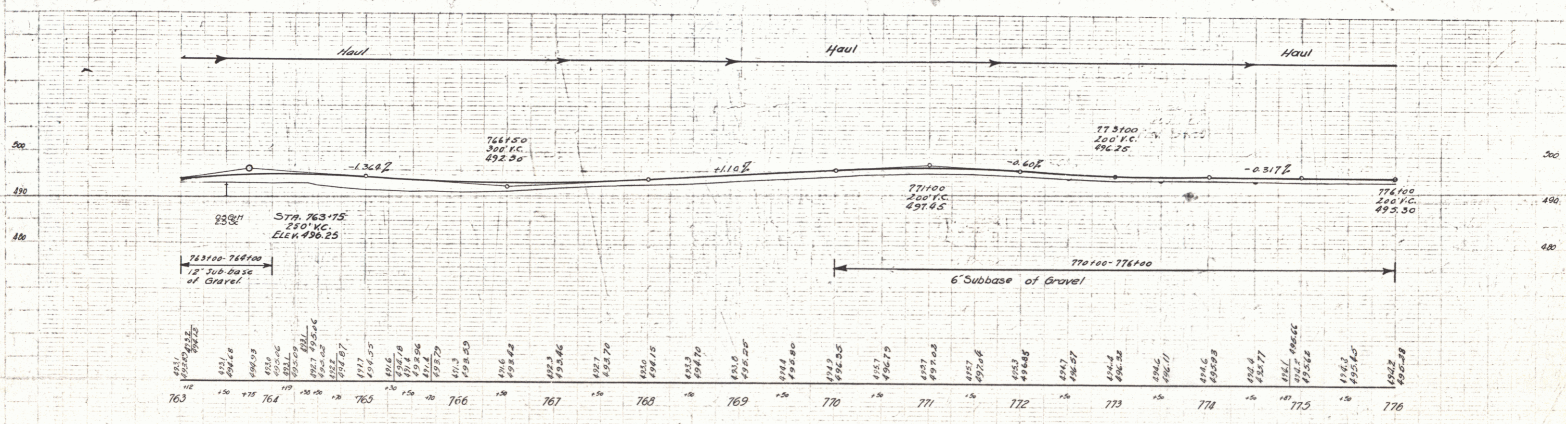
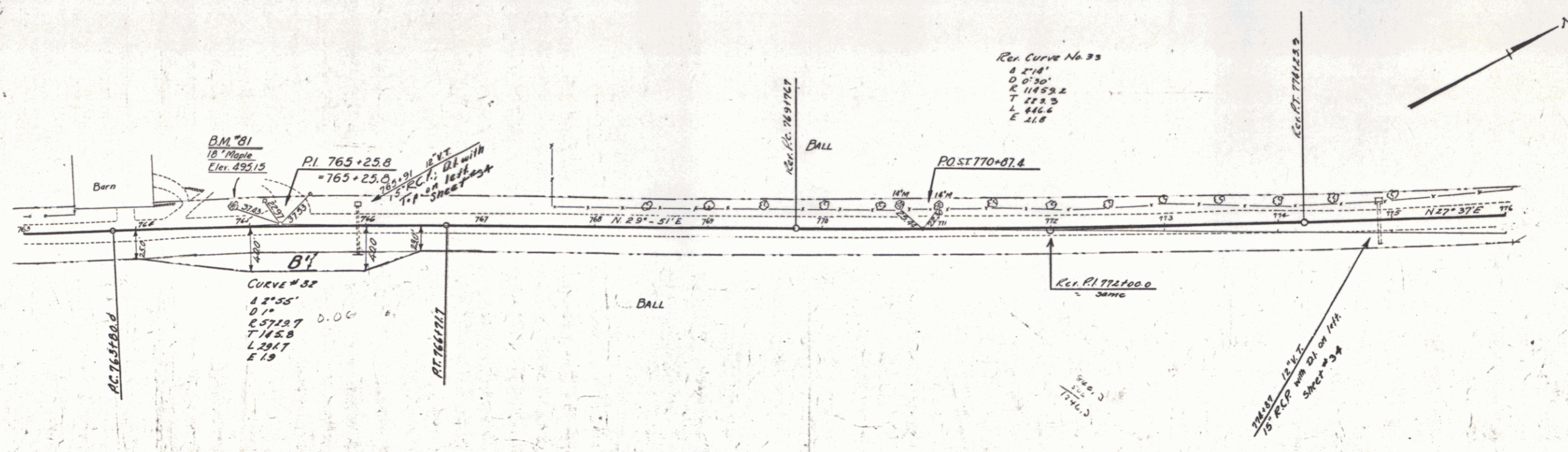
Sta	Left	Right
765+91	1	2
774+87	2	2

**NEW REINF. CONC. PIPE CULVERTS REQUIRED**

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

Parcel	Kind of Instrument	Digits of Instrument	Grantor	Grantee	Recorded Book	Recorded Page	Remarks
B'	G.C.D.	5-35-32	Co. & Edw. Ball	Stofft, P.C. III	530	32	

86C 1931 26 11a



Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev								
763	492.1	764	494.0	765	496.5	766	499.0	767	501.5	768	504.0	769	506.5	770	509.0	771	511.5	772	514.0	773	516.5	774	519.0	775	521.5	776	524.0

SERIES F N° 06C SHEET 26 OF 110

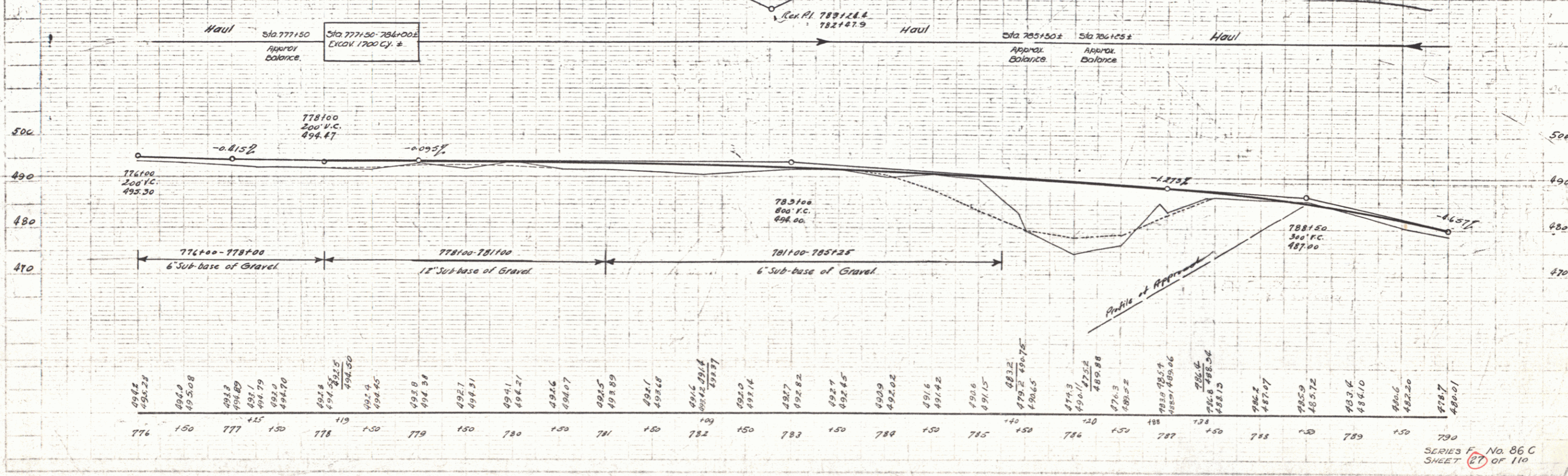
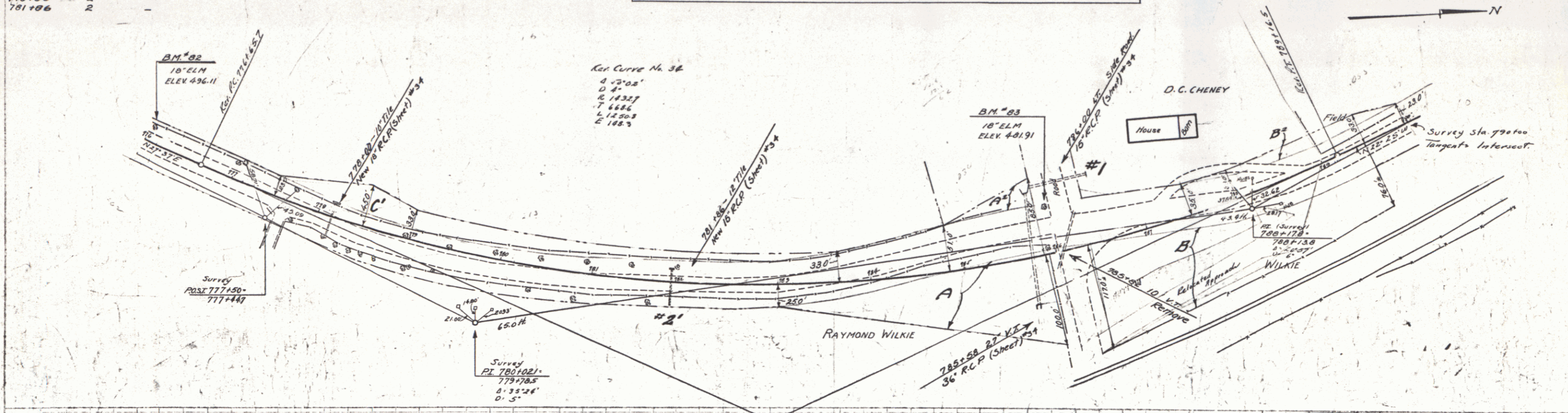
27

WOOD GUARD RAIL REQUIRED				CABLE GUARD RAIL REQUIRED				NEW REINF. CONG. PIPE CULVERTS REQUIRED			
Culv. Sta.	Left	Right	Stations	Length	Const.	Qty./Sq. Yd.	Station	Diam.	Length	Const.	S. P.M. Steel
778+00	24'		785+00-786+80 R.P. 180'	40'	220'		778+00	18"	40'	-	12 cy.
781+86	24'		785+00-786+00 L.H. 180'	40'	220'		781+86	15"	44'	-	12 cy.
							785+38	36"	128'	40 cy.	58"
							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' Culv. #2	Q.C.D.	5-25-32	C.R. & 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&B1 Culv. #1	"	5-27-32	D.C. & E.M. Cheney	"	190 95	6-29-32

FEDERAL ROAD DISTRICT NO. 10 SHEET NO. 27 OF 110  
 86-C 1932 27 110



SERIES F No. 86 C  
 SHEET 27 OF 110

WOOD GUIDE Posts REQUIRED

Sta	Left	Right
792+63	2	2
799+96	2	2
803+92	2	2

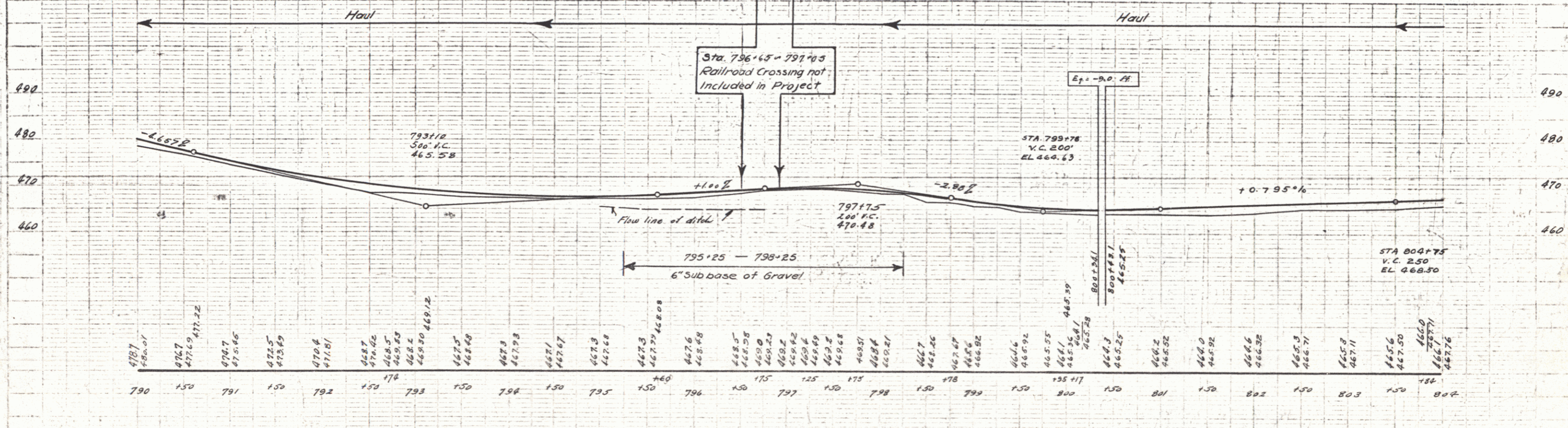
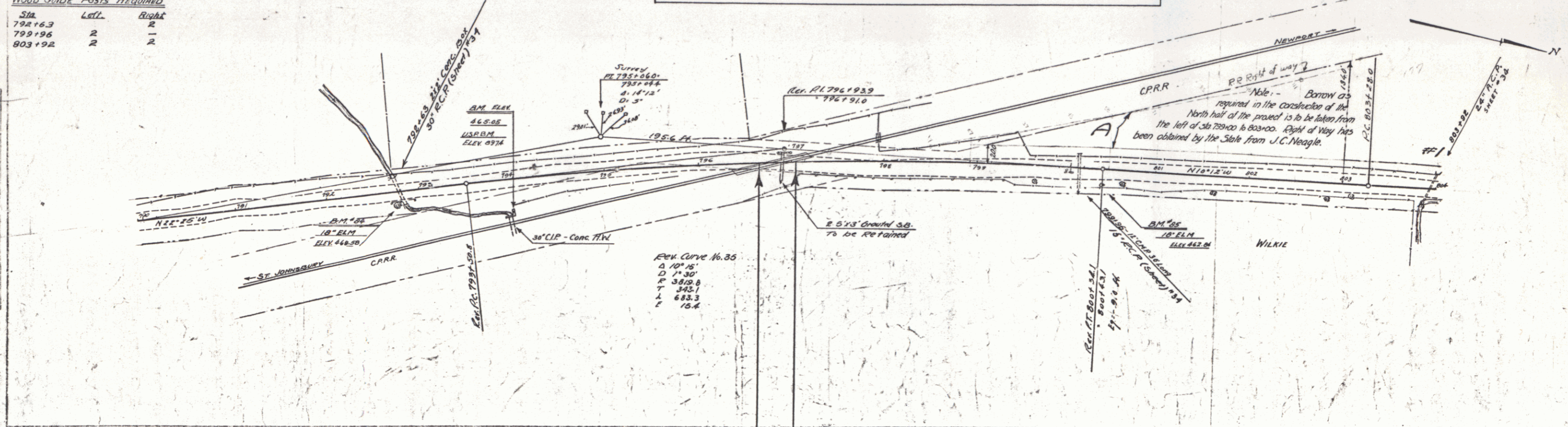
NEW REINF. CONC. PIPE CULVERTS REQUIRED

Station	Diam	Len	Conc.	C.R.M.	Steel
792+63	30"	36'	3.2 cy.	—	58'
799+96	15"	36'	—	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	Blk Page Date	5-30-32 Culv. 5 to 803+92

STATE OF CALIFORNIA  
 PUBLIC WORKS DEPARTMENT  
 84-C 1932 20 110

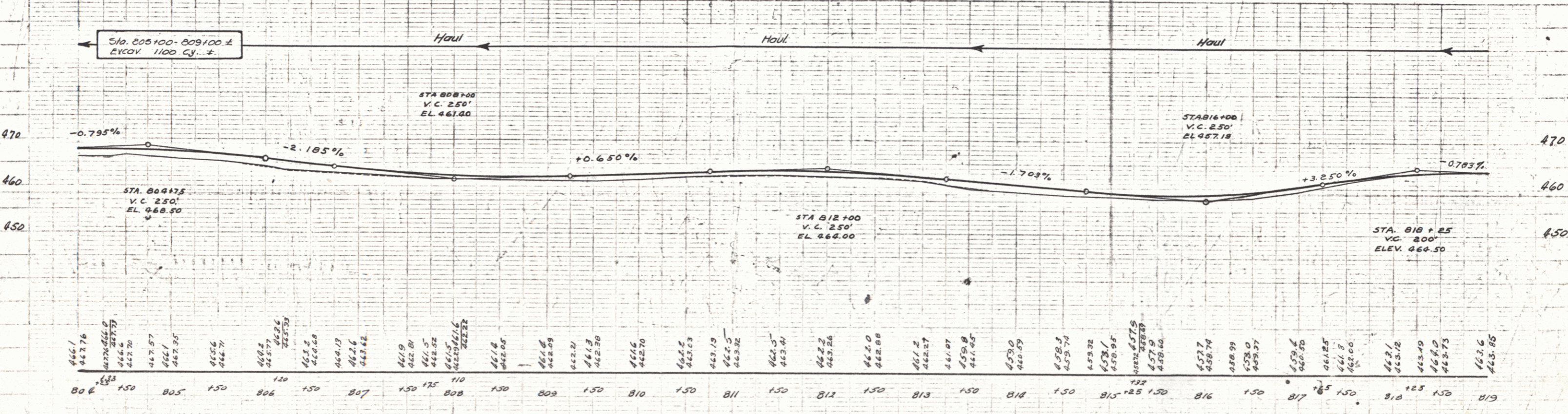
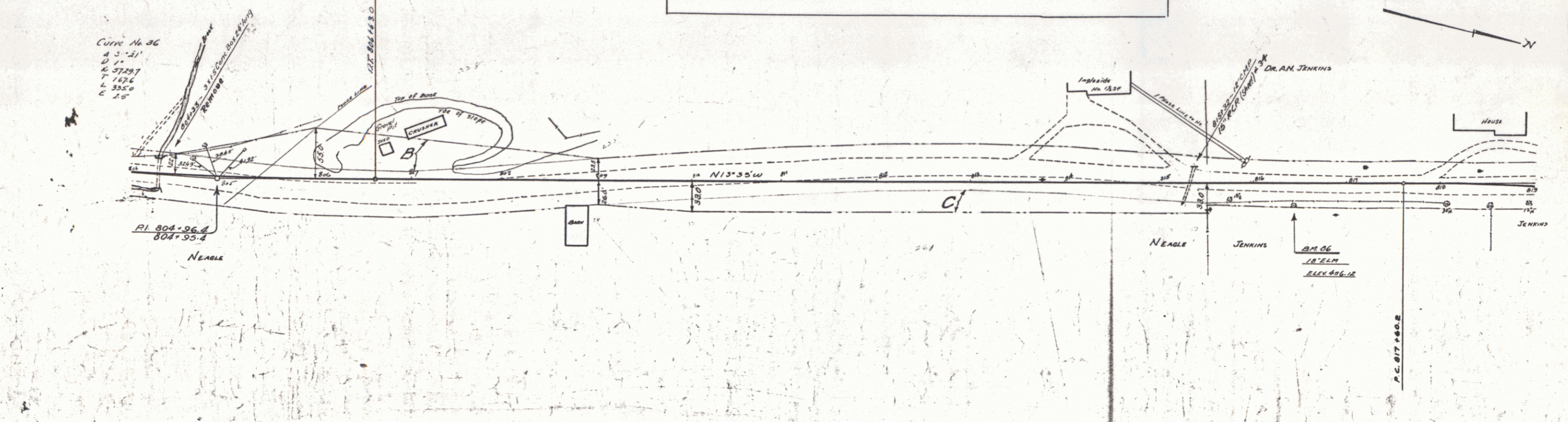


WOOD GUIDE POSTS REQUIRED  
 Curb Sta. Left Right  
 815+32 2 2'

NEW REINF. CONC. PIPE CULVERTS REQUIRED  
 Station Diam. Leng. CONC. # C.I.P. Steel  
 815+32 15" 36' - 12 cy.

Parcel	Kind of Instrument	Date of Grant	Grantee	Recorded	Remarks
BSC	Q.C.D.	5-27-32	J.C. & Kate Neagle	St. of Yr 190	Book Page Date 80 3-30-32

PLANS DATE 1932  
 86-C 1932 29 110



466.1	467.76	467.97	468.25	468.56	468.74	469.2	469.52	469.73	469.88	469.17	469.26	469.42	469.19	469.5	469.32	469.41	469.24	469.24	469.88	469.2	469.27	469.07	469.8	469.45	469.0	469.59	469.8	469.74	469.99	469.0	469.37	469.6	469.85	469.25	469.18	469.0	469.75	469.6	469.85		
806	150	805	150	806	150	807	150	807	150	808	150	808	150	809	150	810	150	811	150	812	150	813	150	814	150	815	150	815	150	816	150	817	150	818	150	818	150	819	150	819	150

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+70		

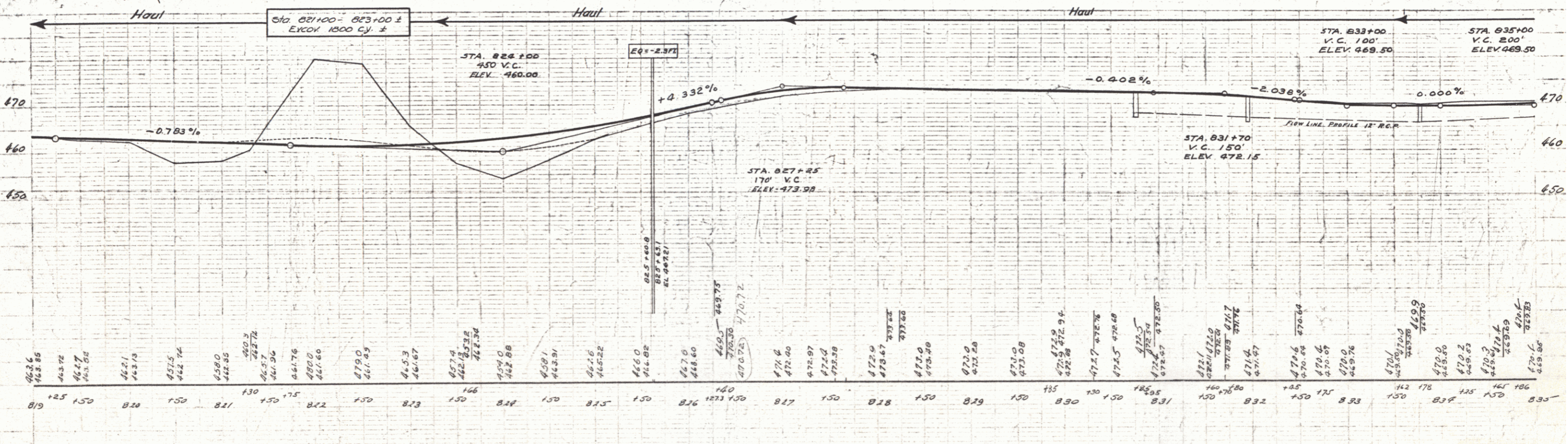
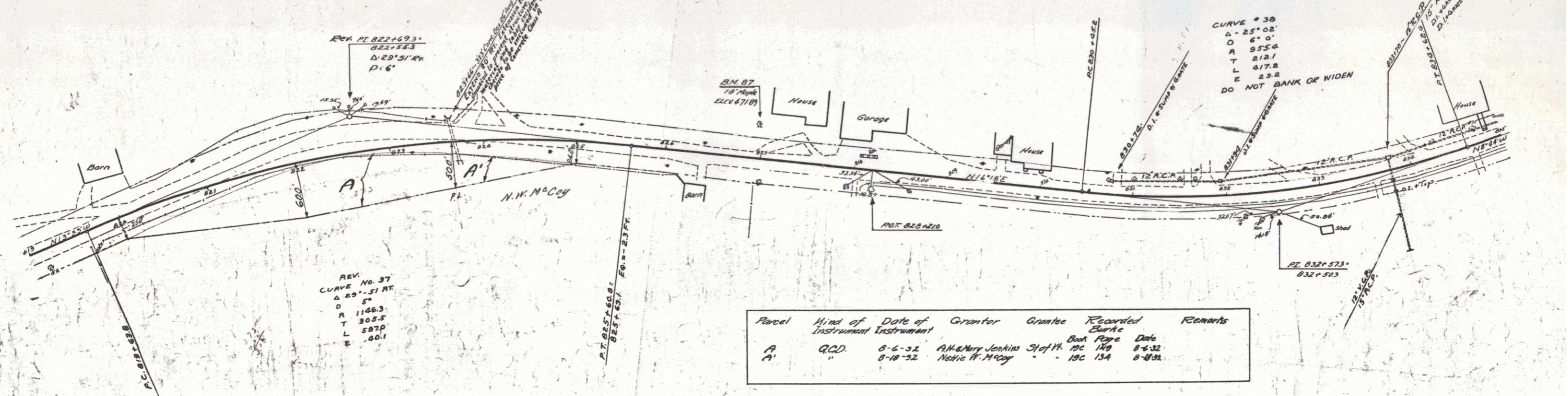
**NEW REINF. CONG. PIPE CULVERTS REQUIRED**

Stations	Diag.	Long.	Substr.	S.T.P.	Di. Steel	D.I. (Inches)
830+78 - 831+94	12'	120'	1.5%		150"	1
831+94 - 833+70	12'	180'	2.5%		150"	1
833+78 - 835+00	12'	122'	2.5%	1.2%	150"	1
833+78	15'	104'	4.0%		250"	1

**CULVERT TRIMMS REQUIRED**

Station	Size	Culv. H.	Steel
823+66	3x5	8.5'	600"

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



SERIES F No 86C  
 SHEET 30 of 110

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**NEW REINF. CONC. PIPE CULVERTS REQUIRED**

Stations	DIAM	LONG.	CONC.	C.R.	IN	STEEL	D. GRADE
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.	Item	Quantity	Unit
-	SLB 20 No CP - 18' Span. Square.	241	cu. Yds.
-	SLAB No Square Without Piles - 1'-10"	20.8	" "
-	SB 2 - Details - S204, S220, S221	128	" "
-	SB 2A - S222 - S230	4370	lbs.
-	SB 2B - S241	144	lin. ft.
-	Removal Present Superstructure and Maintaining Traffic	1-Lump Sum	

**ESTIMATE QUANTITIES BRIDGE @ STA. 845+12**

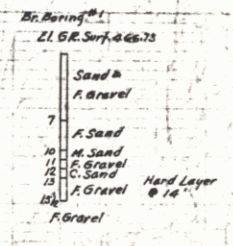
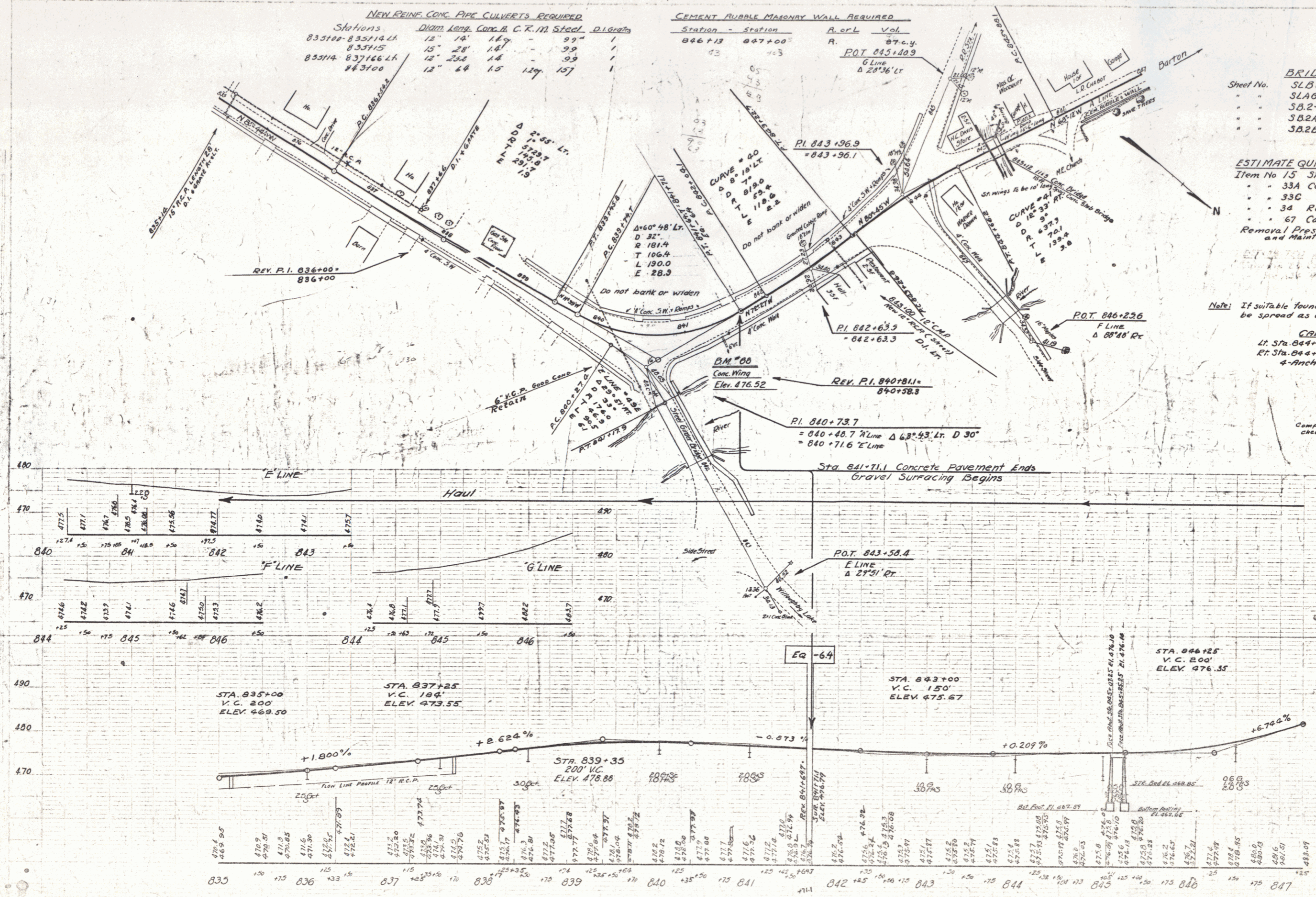
Item No 15	Struct. Excav.	241	cu. Yds.
-	33A Concrete	20.8	" "
-	33C " "	128	" "
-	34 Reinf. Steel	4370	lbs.
-	67 Cable Guard Rail	144	lin. ft.
-	Removal Present Superstructure and Maintaining Traffic	1-Lump Sum	

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
<b>Total</b>	<b>= 144.0 L. Ft.</b>

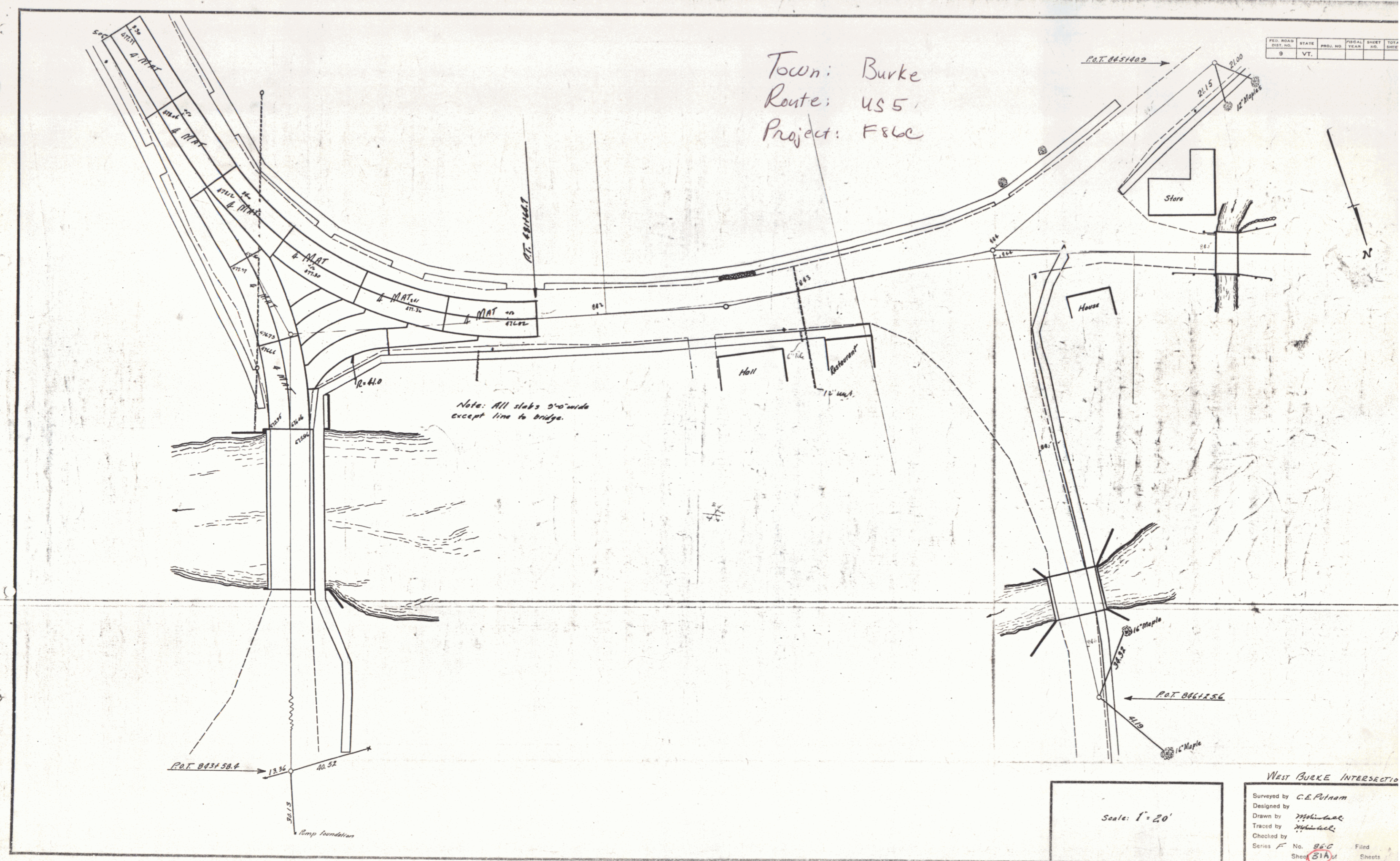
Computed by: G.M.P. 1/2/32  
checked by: T.M.W.



CORRECT  
A. D. [Signature]  
BRIDGE ENGINEER

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

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



Note: All slabs 9'-0" wide except line to bridge.

Scale: 1" = 20'

WEST BURKE INTERSECTION

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

WOOD CURVED RAIL REQUIRED

Culv. Sta.	Left	Right
850+03	2'-4"	

WOOD GUIDE POSTS REQUIRED

Culv. Sta.	Left	Right
852+03	1	1
853+92	1	1

NEW REIN. CONC. PIPE CULVERTS REQUIRED

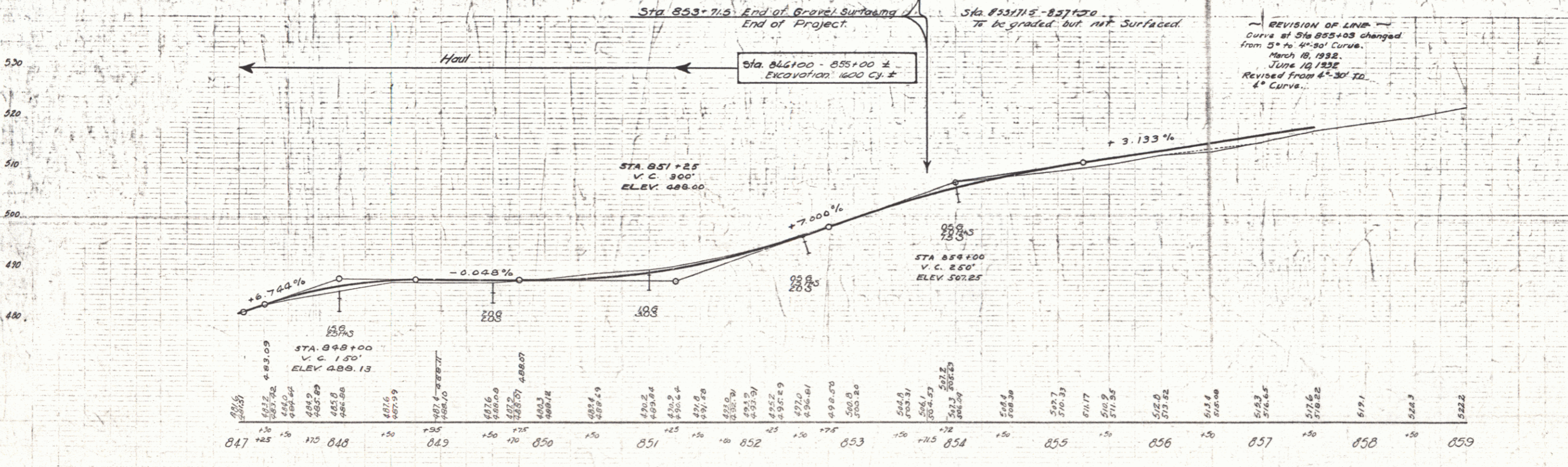
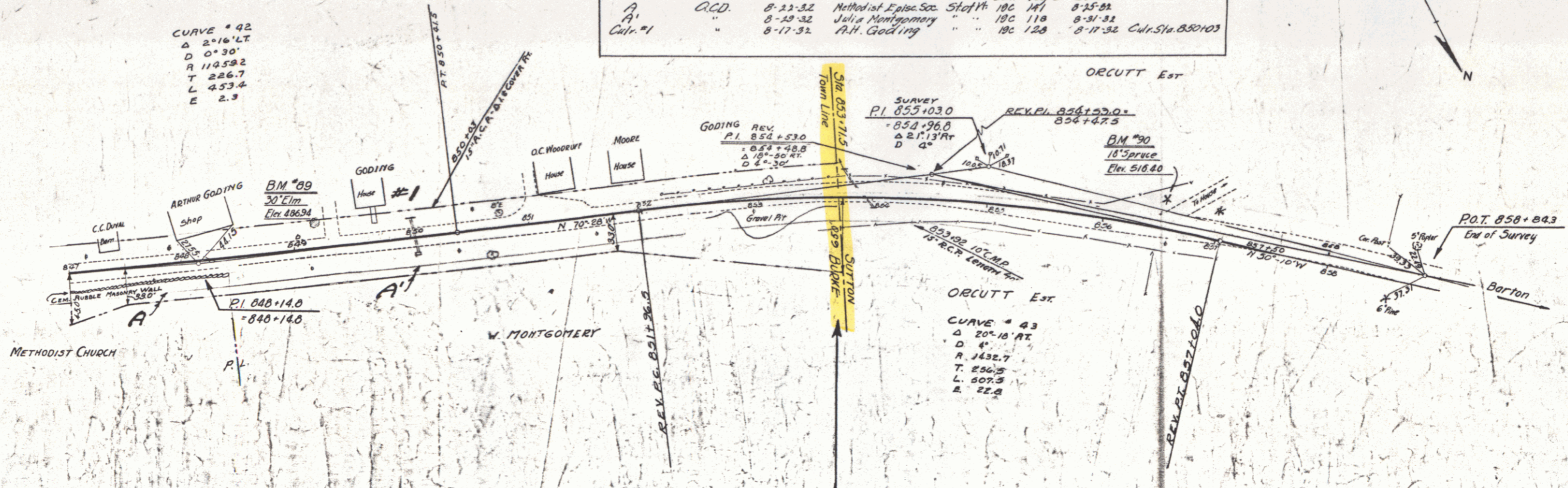
Station	Dist. Long	Conc. B	Conc. C	Steel	C.R. (ft)
853+03	15'	32"	15.5y	157#	1.2y
853+92	15'	40"			2.3

CEMENT RUBBLE MASONRY WALL REQUIRED

Station	Station	Fl or 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	10C 141	8-25-32	
A1	"	8-29-32	Julia Montgomery	"	10C 118	8-31-32	
Culv. #1	"	8-17-32	A.H. Goding	"	10C 120	8-17-32	Culv. Sta. 850+03

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REVISION OF LINE  
 Curve at Sta. 855+03 changed  
 from 5° to 4°-30' Curve.  
 March 18, 1932.  
 June 19, 1932.  
 Revised from 4°-30' to  
 4° Curve.

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