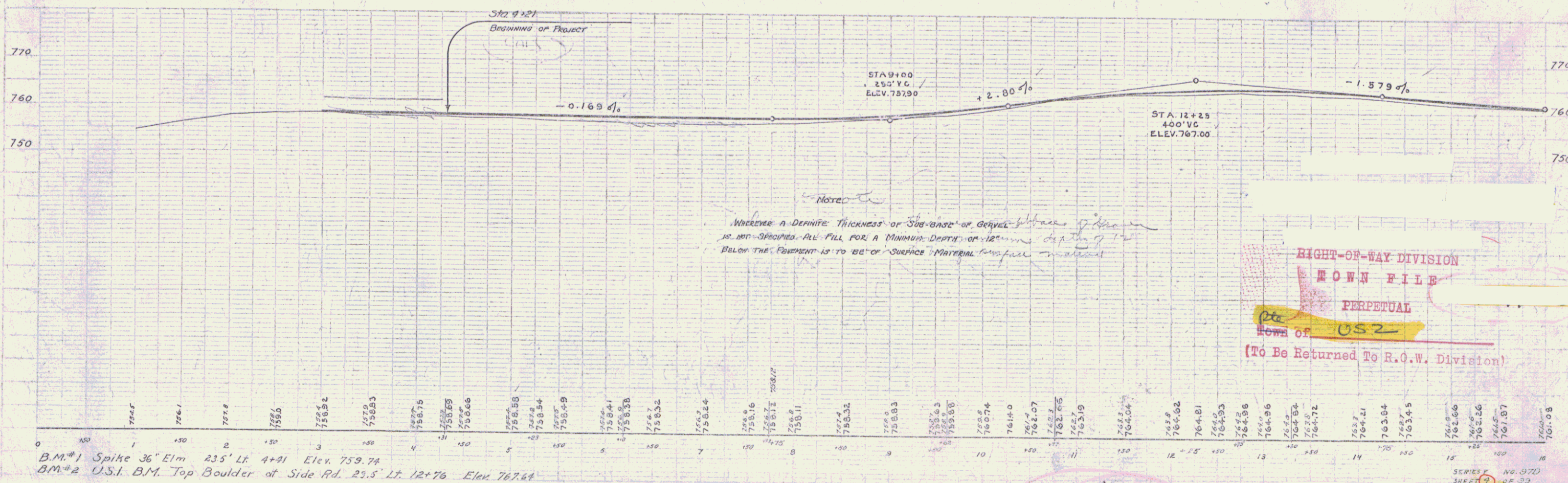


Sta.	Dia.	Long.	Conc. A	Conc. C	Steel
7+73	24"	36	2.4 cy.		54 #
12+25 Lt.	12"	56.56	1.5"		91 #
13+10	15"	40	1.5"	1.5 cy.	58 #
12+70.5	15"	40	1.66 cy.		91 #

12+25 L Top for DI O.K. (unclear)
B.B. BATCHELDER



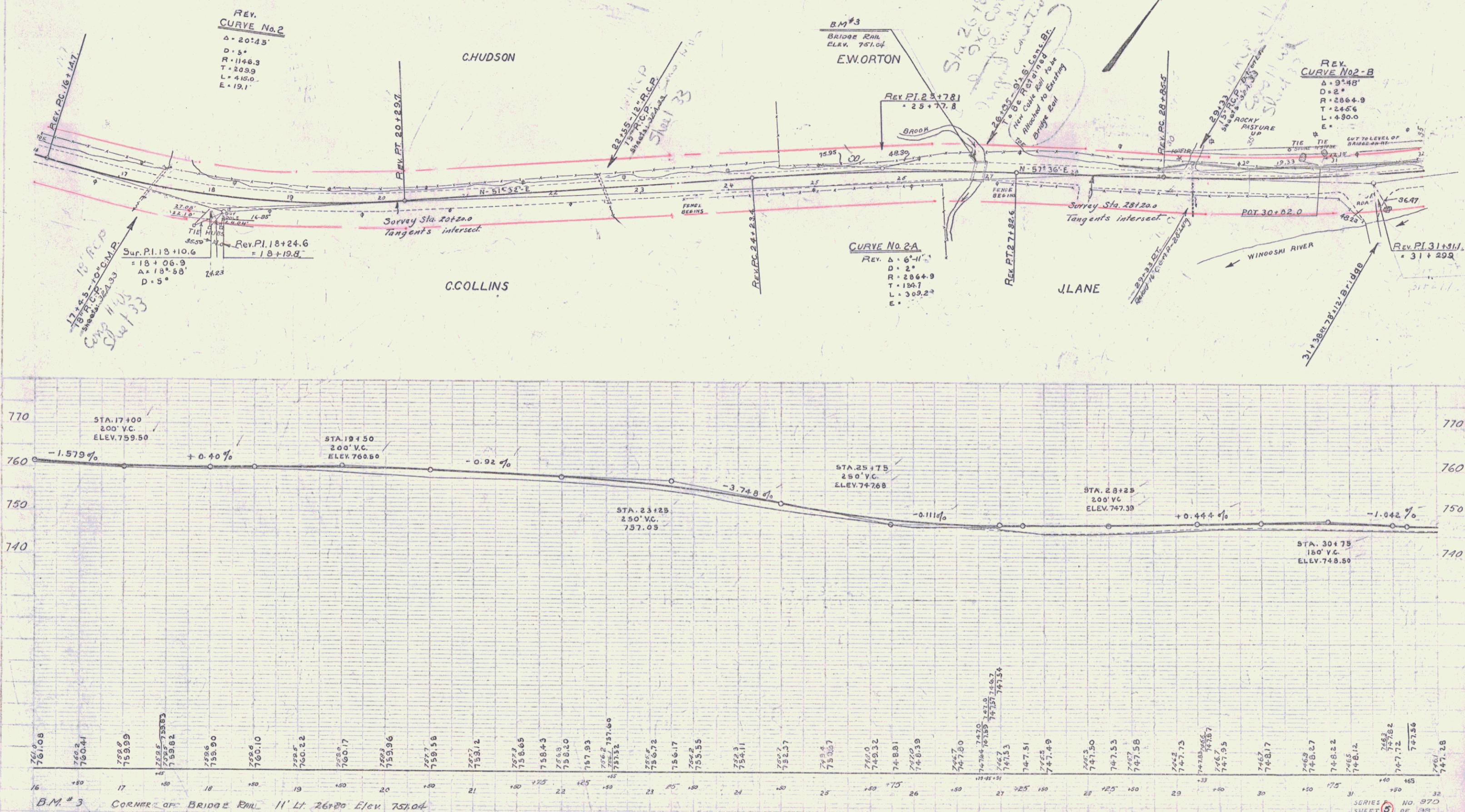
B.M.#1 Spike 36" Elm 23.5' Lt. 4+41 Elev. 759.74
B.M.#2 U.S. B.M. Top Boulder at Side Rd. 29.5' Lt. 12+76 Elev. 767.64

RIGHT-OF-WAY DIVISION
TOWN FILE
PERPETUAL
pte
Town of US 2
(To Be Returned To R.O.W. Division)

STEARNS R. JENKINS

OSZ

STATION	C.M.P.	LENGTH
29+33 RT.	16"	28'



WOOD GUARD RAIL REQUIRED

CUV. STA	LEFT	RIGHT
32+22	24'	—
33+37	24'	—
36+39	24'	—
40+80	24'	—
42+22	24'	24'
43+31	24'	24'

CABLE GUARD RAIL REQUIRED

STA - STA	LEN	CONSTANT	RAIL LENGTH
32+22 - 41+00	878	80'	976'

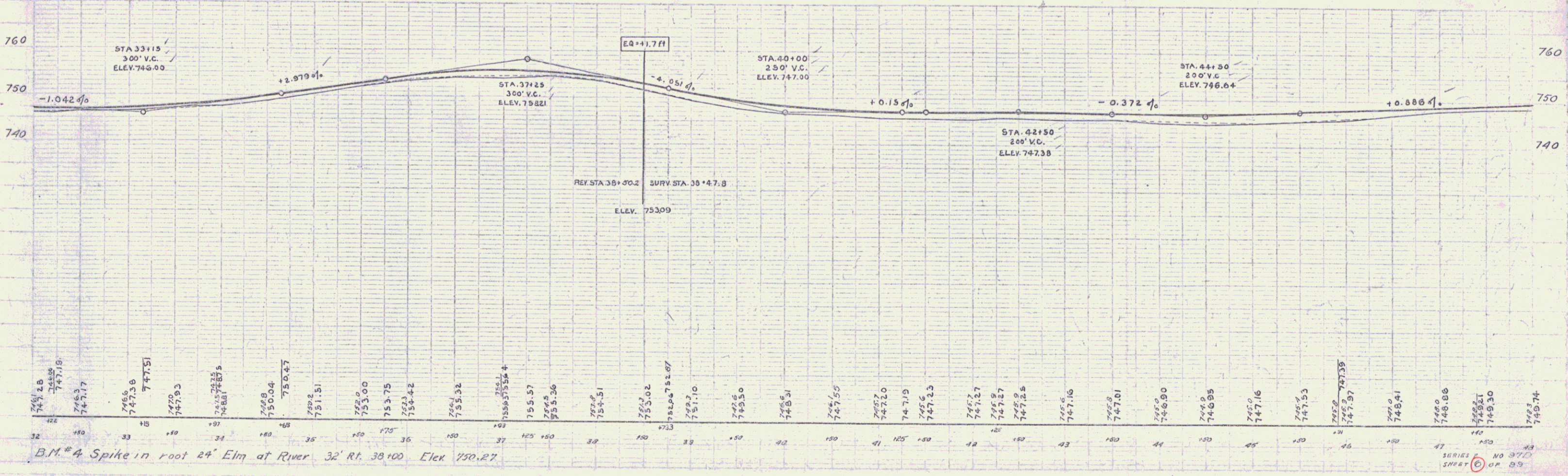
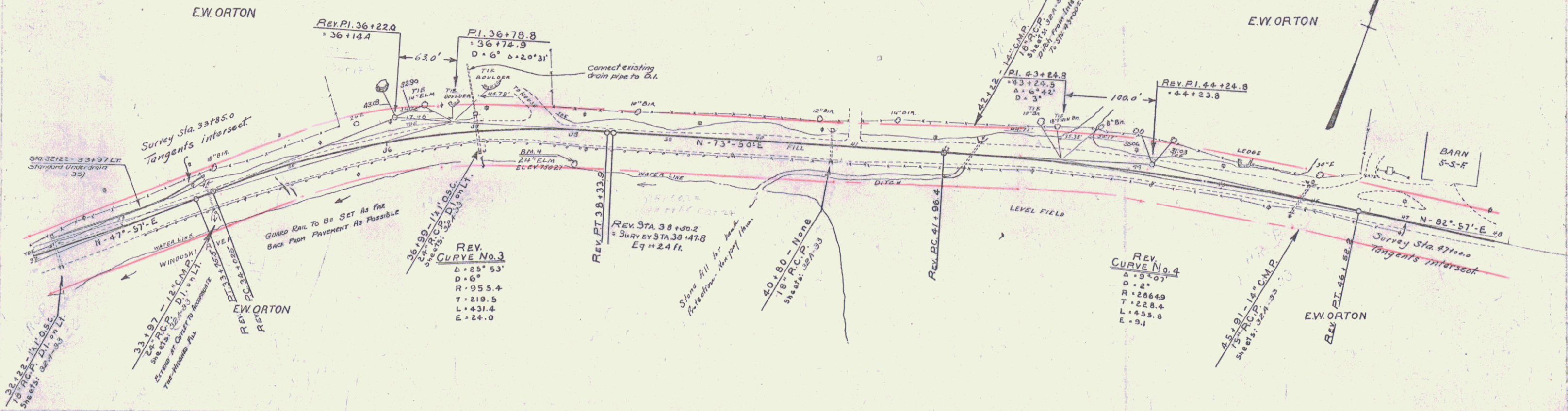
REINF CONC. PIPE CULV. REQUIRED

STA	DIA.	LEN	CONC. A	CONC. C	STEEL
32+22	18"	32'	2.8 c.y.	176 #	—
33+37	24"	40'	1.8 c.y.	157 #	—
36+39	24"	42'	1.8 c.y.	157 #	—
40+80	18"	36'	2.3 c.y.	174 #	—
42+22	18"	32'	1.8 c.y.	54 #	—
43+31	18"	36'	3.0 c.y.	33 #	—

STD. UNDERDRAIN WITH P.C.G.M.P. (Entered)

STATIONS	DIA.	LEN
32+22 - 33+37	6"	176'

NO. 37 D 1930 6 99

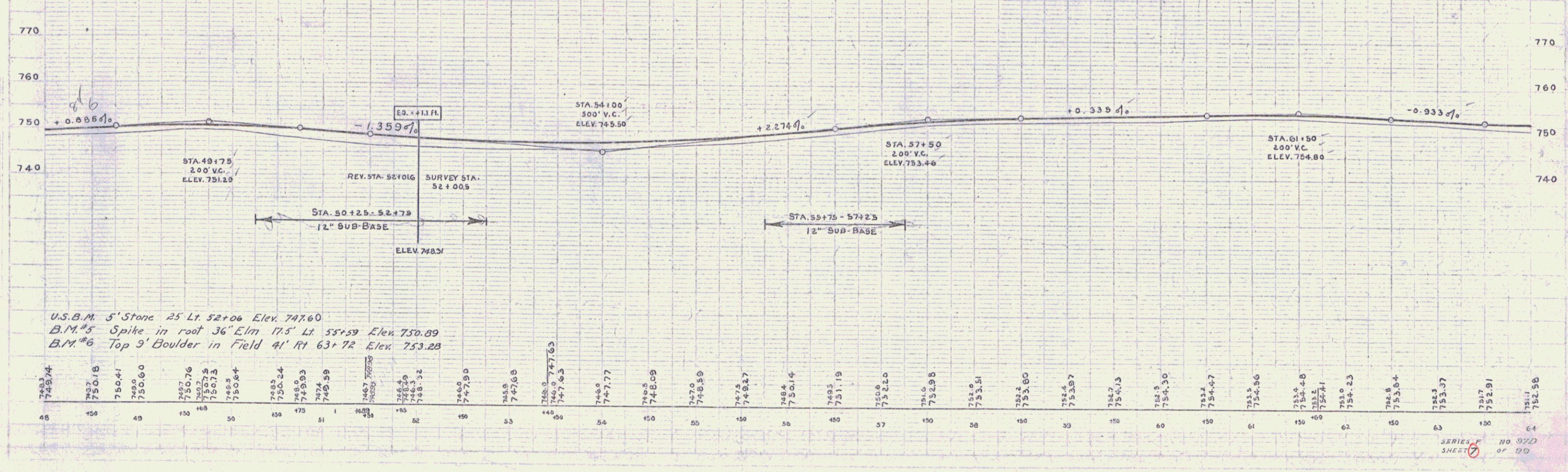
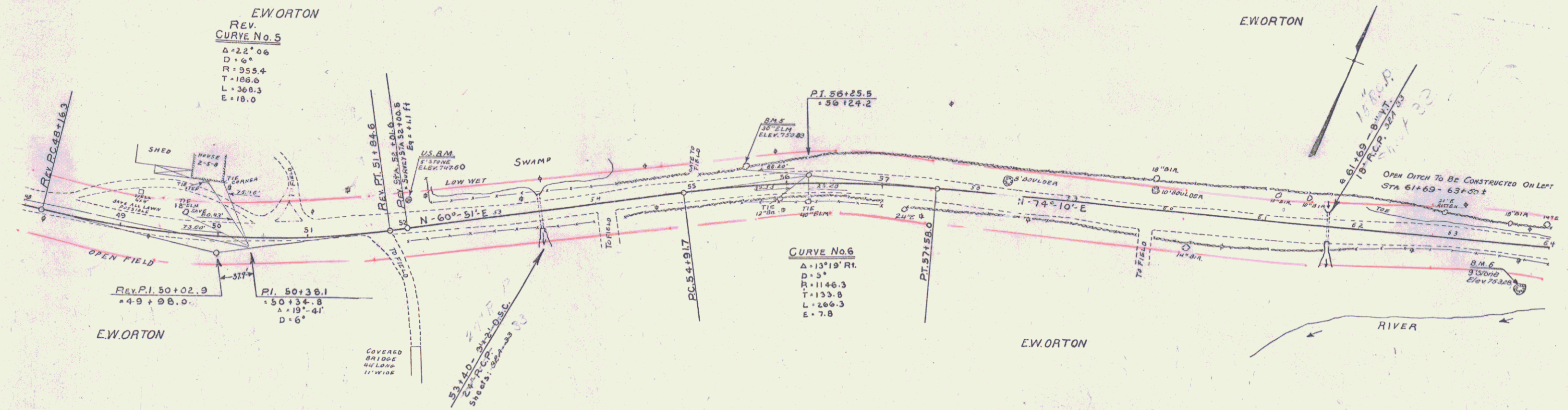


WOOD GUARD RAIL REQUIRED		
CULY STA	LEFT	RIGHT
53+40	24'	24'
61+69	24'	24'

REIN CONC PIPE CULV. REQUIRED				
Sta	Dia	Length	Const. A	Const. C
53+40	24"	32'	2.45%	54 #
61+69	18"	32'	1.84%	54 #

CABLE GUARD RAIL REQUIRED				
Sta - Sta	Length	Constant	Pay Length	
48+74 - 50+50	R	176	40	216

10' 30' SCALE
 97 D 1930 7 99



U.S.B.M. 5' Stone 25 Lt. 52+06 Elev. 747.60
 B.M. #5 Spike in root 36' Elm 17.5' Lt. 55+59 Elev. 750.89
 B.M. #6 Top 9' Boulder in Field 41' Rt 63+72 Elev. 753.28

SERIES 7 NO. 972
 SHEET 7 OF 90

FED. ROAD DISTRICT	STATE	FED. AID PROJECT	SHEET NO.	DATE
1	1	1	1	1
9	1	97-D	1930	9 99



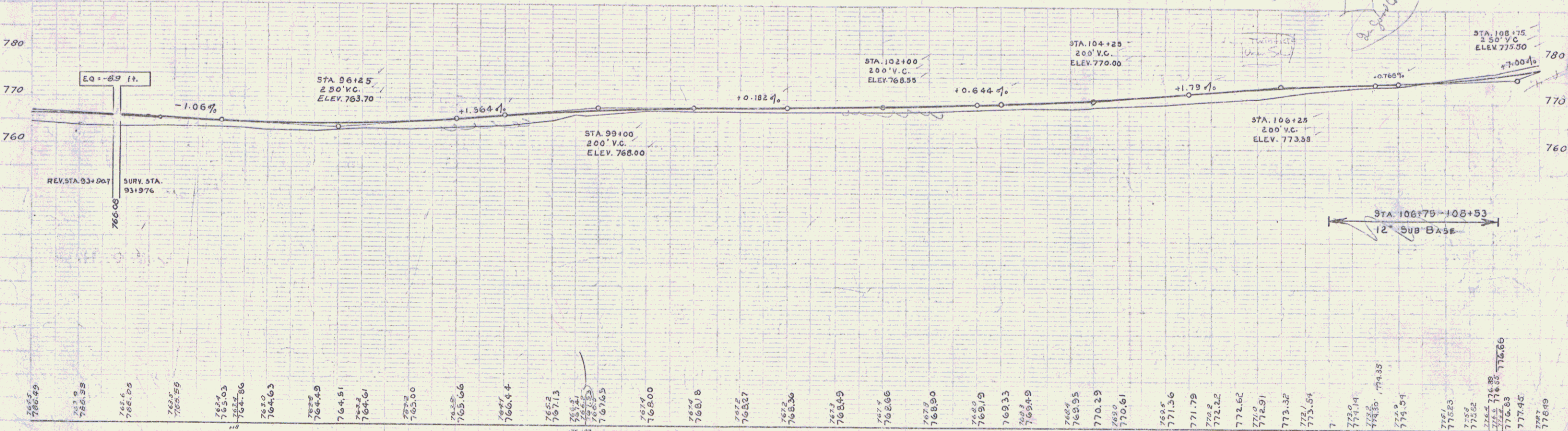
SERIES F NO. 970
SHEET 9 OF 99

CABLE GUARD RAIL REQUIRED					
STA - STA	L or R	LENGTH	CONSTANT	PAK LENGTH	
93+00 - 94+50	R	159'	20'	174'	
108+25 - 109+05	R	80'	40'	120'	
108+25 - 108+50	L	25'	40'	10'	

RELAYING PIPE CULVERTS

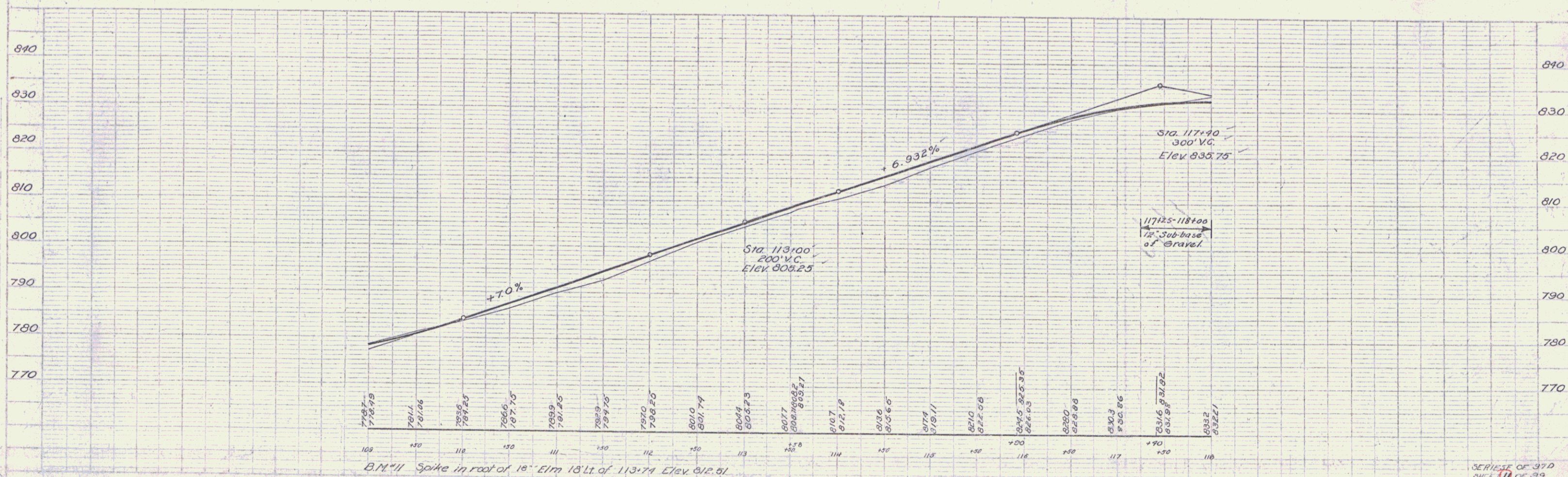
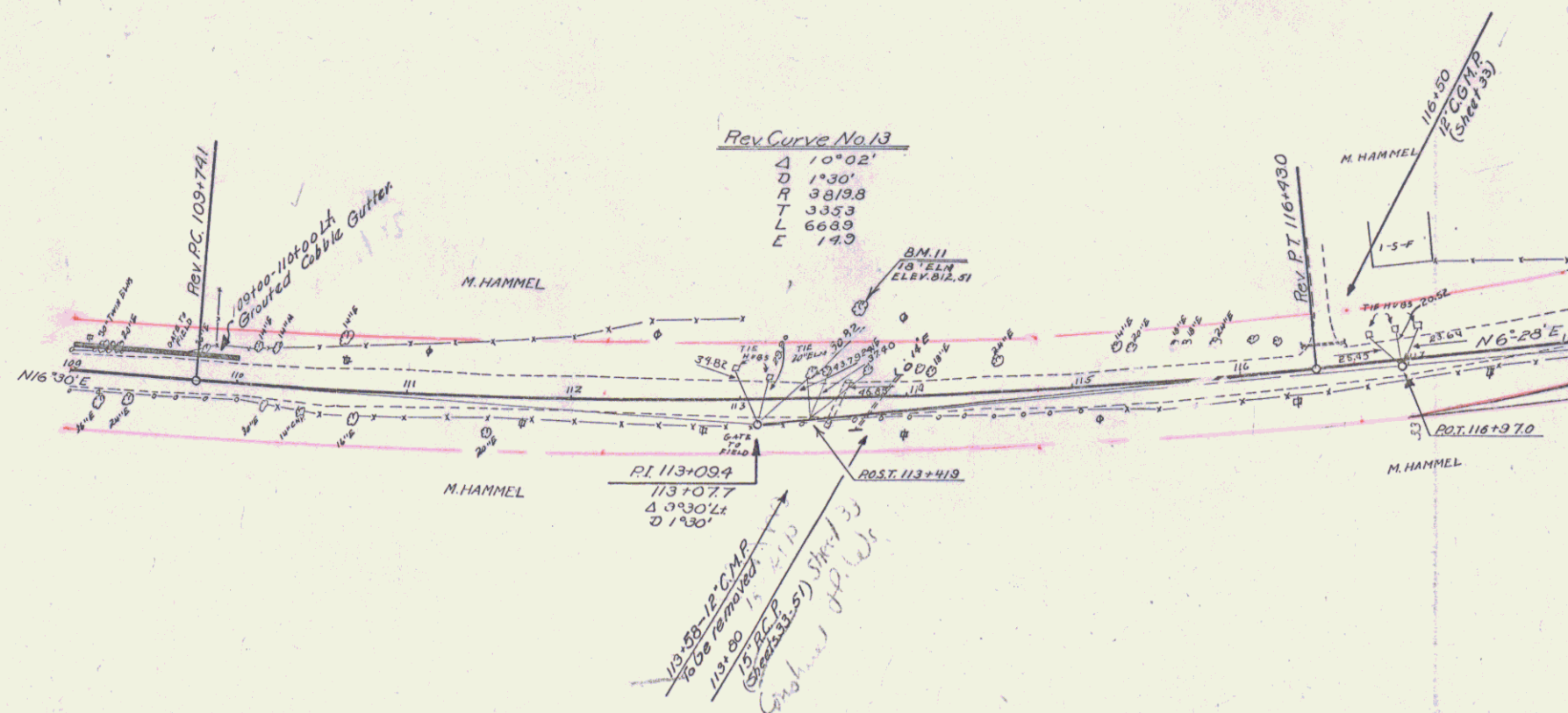
Sra. Sta.	C.G.P.P.	Long.	Conc.A	Steel	D. Grates
106+85-109+157	12'	172'	3-2 c.y.	91'	2

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
9	V.	97-D	1930	10	99



U.S.B.M. 4th Stone 115 Ft. 99+50 Elev. 768.00
B.M. #10. Top Cor. Water Tub 33' Lt. 106+77 Elev. 777.23

<u>GRADED COBBLE GUTTER REQUIRED</u>			
<u>Stations</u>	<u>Long.</u>	<u>Width</u>	<u>Area</u>
109+00 - 110+00	100'	36"	32.0



WOOD GUARD RAIL REQUIRED

STA.	LEFT	RIGHT
126+15	24'	24'
129+06	24'	—
120+33	24'	—

WOOD CURVE FROM RIGHT

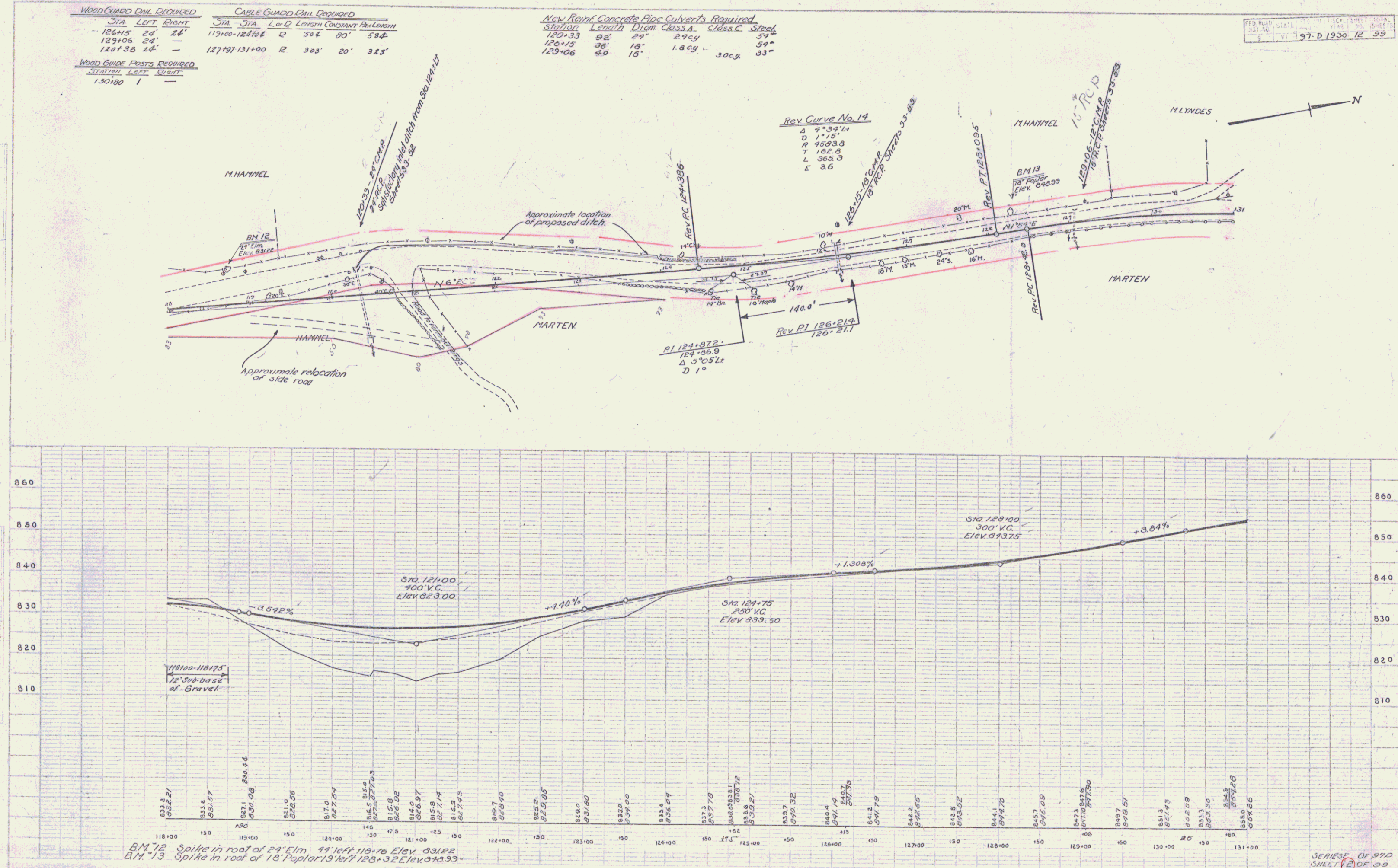
WOOD GUIDE POSTS REQUIRED		
STATION	LEFT	RIGHT
130+80	1	—

CABLE GUARD RAIL REQUIRED

<u>STA.</u>	<u>-STA.</u>	<u>Lo R</u>	<u>LENGTH</u>	<u>CONSTANT</u>	<u>PAY LENGTH</u>
119+00-124+04		R	504	80'	584
127+97-131+00		R	303'	20'	323'

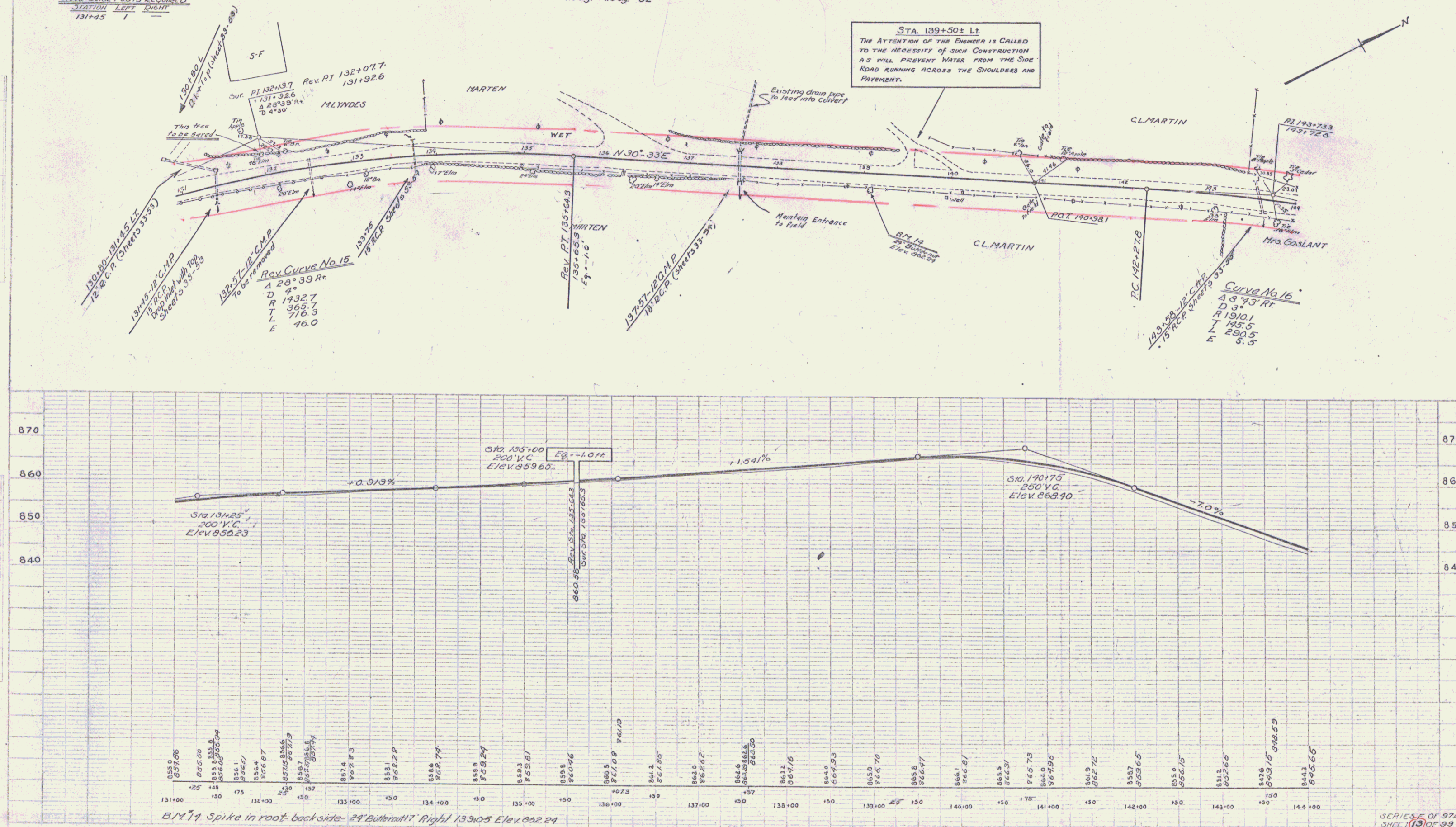
New Reinf Concrete Pipe Culverts Required

Station	Length	Diam	Class	Class C	Steel
120+33	92'	24"	2.9 c.g.		54"
126+15	36'	18"	1.8 c.g.		54"
129+06	40'	15"		3.0 c.g.	33"



New Paint Concrete Pipe Culverts Required

<u>Station</u>	<u>Length</u>	<u>Diam.</u>	<u>Class A</u>	<u>Class C</u>	<u>Steel</u>
130+00	52'	15"	1.5cy		46"
131+45	40'	15"	2.0cy	1.5cy	174"
133+75	40'	15"		1.5cy	17"
137+57	36'	15"	1.6cy		59"
143+58	40'	15"	1.3cy	1.5cy	92"



WOOD GUARD RAIL REQUIRED

STA	LEFT	RIGHT
148+20	24'	—
154+31	24'	—
156+41	24'	—
158+88	24'	—

CABLE GUARD RAIL REQUIRED

STA	STA	LO-D	LENGTH	CONSTANT	PAV LENGTH
147+25	149+25	10	200'	40'	240'
156+0	156+56	10	236'	40'	296'
158+00	159+0	12	40'	20'	60'

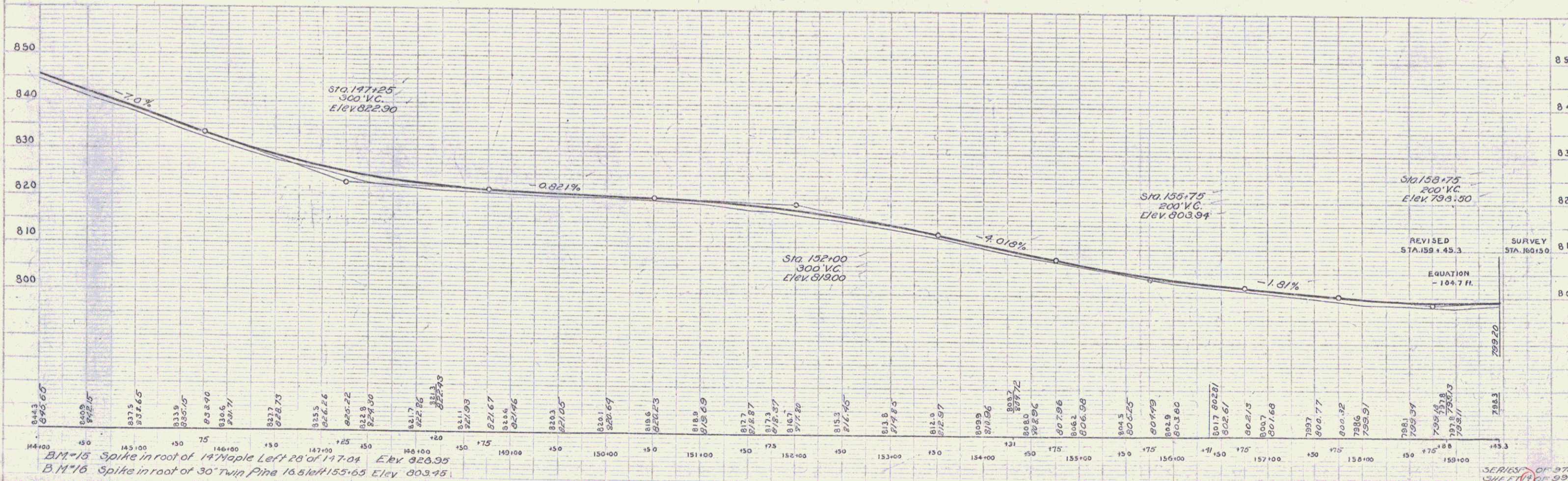
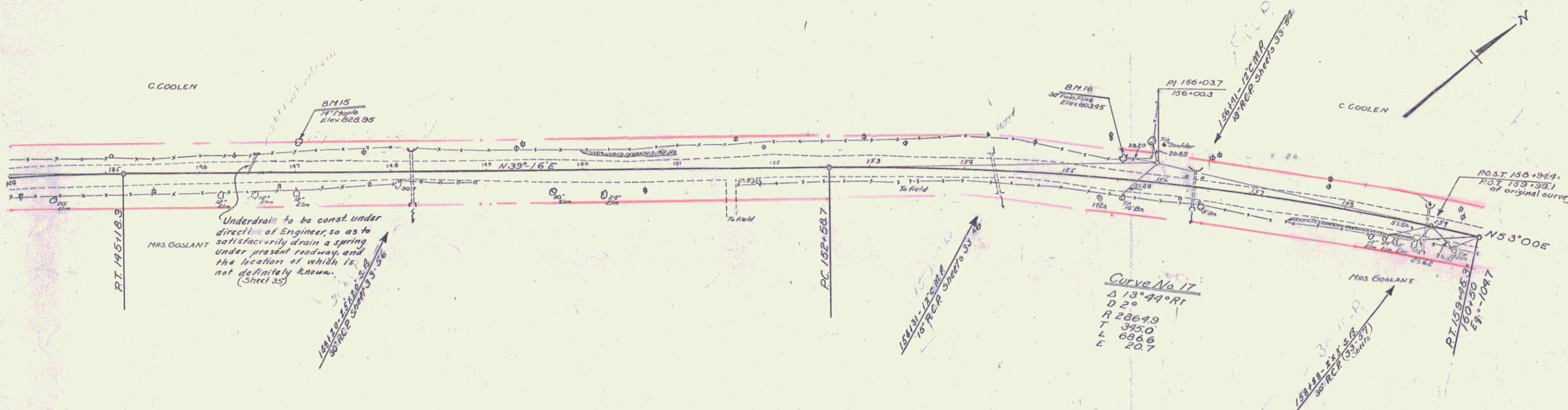
New Reinf Concrete Pipe Culverts Required

Station	Length	Diam	Class A	Class C	Steel
148+20	58'	30"	32 cy	58"	
154+31	48'	15"	19 cy	32"	15 cy
156+41	40'	18"	18 cy	54"	
158+88	44'	30"	32 cy	58"	

STD UNDERDRAIN WITH P.C.M.P. (Continued)

Stations	Diam	Length	Con. Rub. Mas.
146+302	6"	20'	12 cy

PROJ. STATE: ILL. FED. AID: 100% FISCAL YEAR: 1930 SHEET NO. 12 OF 12



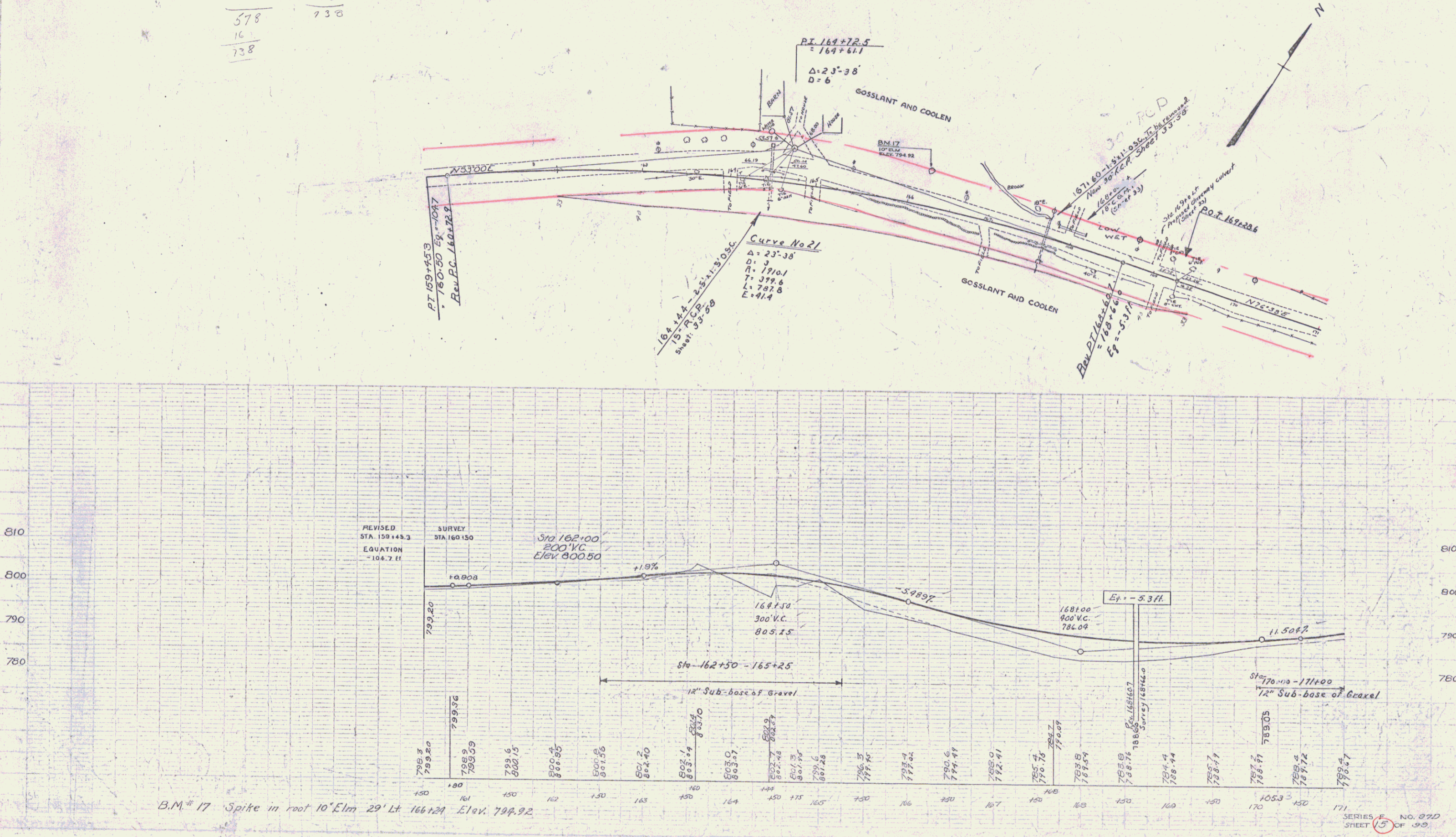
WOOD GUARD RAIL REQUIRED		
CULV. STA.	LEFT	RIGHT
164+44	24	24
167+60	24	24

CABLE GUARD RAIL REQUIRED					
STA	STA	LEN	CONST	CONST	CONST
159+00	159+56	56'	20'	76'	
162+26	163+20	94'	40'	18'	
165+25	166+27	102'	40'	19'	
167+15	168+91	176'	40'	216'	

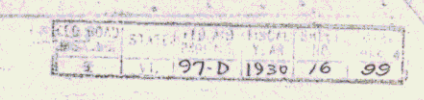
REINFC. CONC. PIPE CULVERT REQUIRED					
STA	DIA.	LEN	CONC.	CONC.	CONC.
164+44	18"	68'	1.5	1.5	1.5
167+60	30"	48'	3.2	3.2	3.2

C.G.M. PIPE REQUIRED			
Sta.	Dia.	Len.	Rem. Sub. Mat.
168+00 Lt	18"	28'	3.3 CY
169+00 Lt	12"	24'	2.3

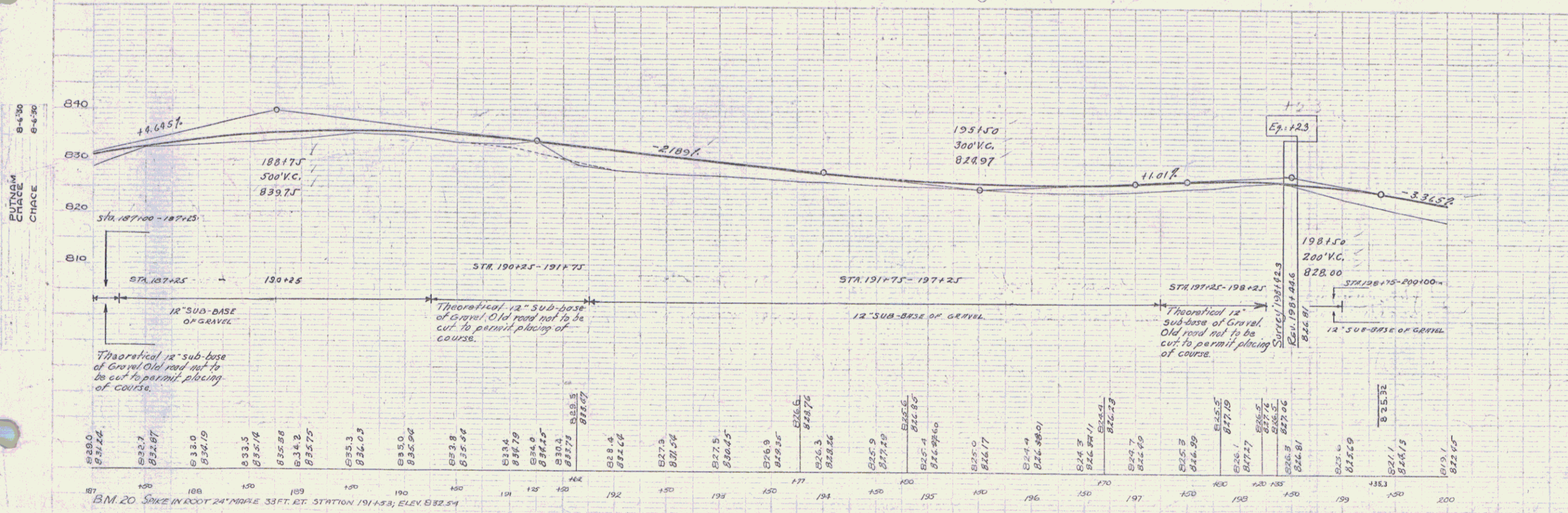
ED. ROAD	STATE	FILE NO.	YEAR	SHEET NO.	TOTAL SHEETS
9	VT	97-B	1930	15	89



RELAYING PIPE CULVERTS
STA/ STA. C.G.M.P. LENGTH
182+36-183+46 LT. 12" 120' 1.2 c.y.

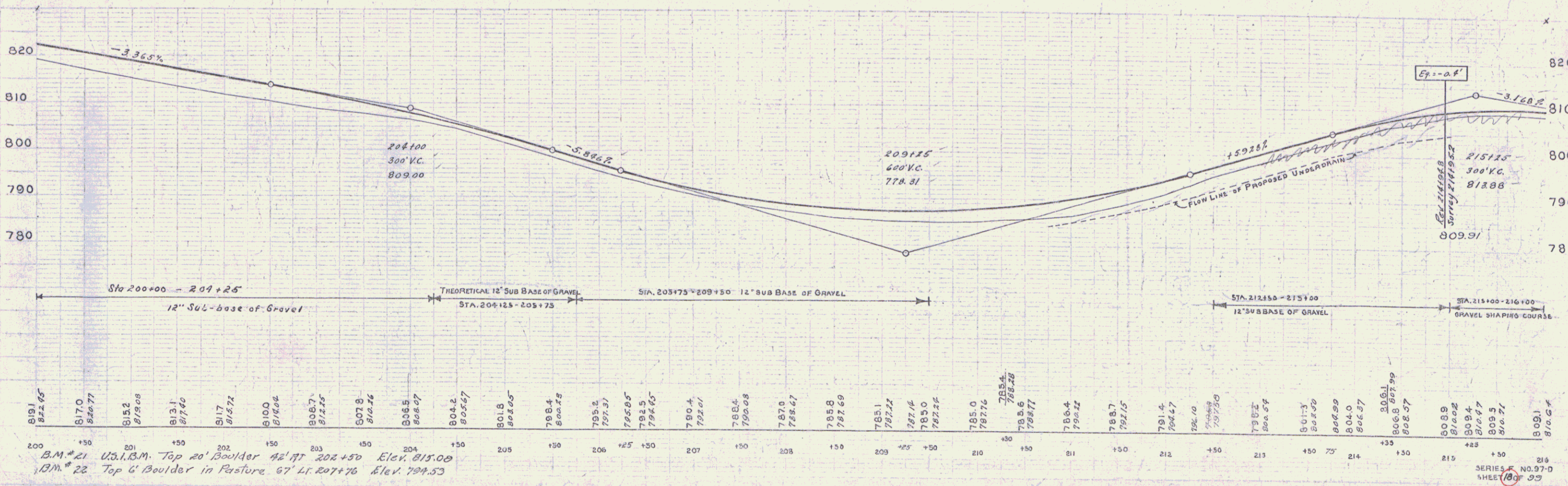
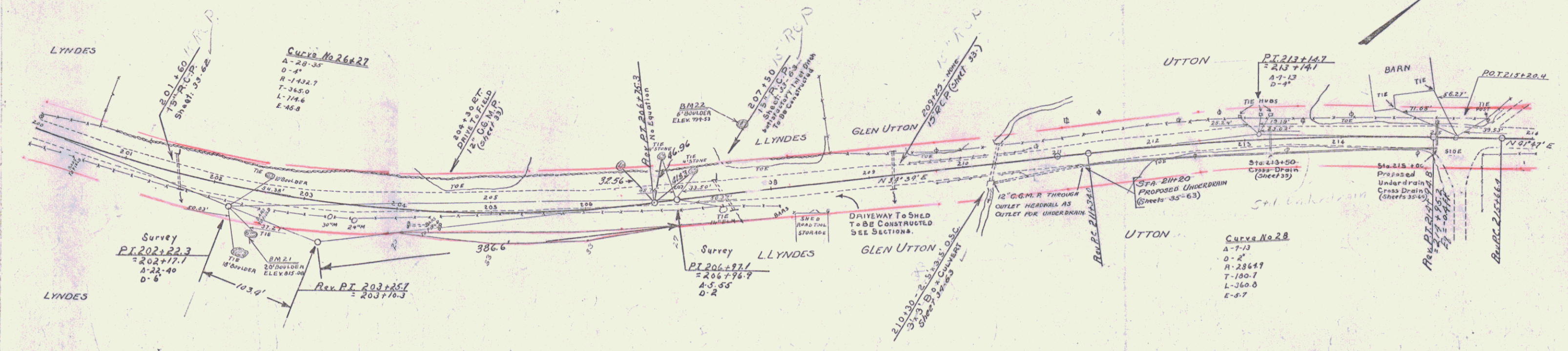


FED. ROAD DIST. NO.	STATE	FED. AID DIST. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
3	VI.	97-D	1930	17	29



WOOD GUARD RAIL REQUIRED				CABLE GUARD RAIL REQUIRED				REINF. CONC. PIPE CULVERT REQUIRED				REINF. CONC. BOX CULVERTS REQUIRED				STD. UNDERDRAIN WITH P.C.G.M. PIPE (CONT'D)				CORRUG. GALV. METAL PIPE REQUIRED						
CULVERT STA.	LEFT	RIGHT		STATIONS	LENG.	CONSTANT	PAY LENG.	STA.	DIA.	LENG.	CONC. A	CONC. C	STEEL	STA.	SIZE	CONC. A	STEEL	STATIONS	DIA.	LENG.	CEM. RUB. MAS.	STA.	DIA.	LENG.	CEM. RUB. MAS.	
201+50	24'	-		201+13-202+55	112'	40'	152'	201+50	15"	44'	1.9	1.5	99#	210+30	3x3	-	270c2	1716#	211+20-213+00	6"	380'	-	204+30	12"	28'	2.3 c.k.
207+50	24'	-		207+25-207+73	48'	40'	88'	207+50	15"	40'	1.9	1.5	99#	213+50	Across Road	-	-	-	213+50	6"	34'	-	210+70	12"	100'	2.3 c.k.
				209+10-211+40	160'	40'	200'	209+25	15"	40'	-	3.0	33#													
				209+25 LA	40'	40'	88'																			

ROAD NO. 97-D
 STATE OF IOWA
 PROJECT NO. 1930-18-99
 SHEET 18 OF 23



B.M. #21 U.S. 1 B.M. Top 20' Boulder 42' 71' 202+50 Elev. 815.00
 B.M. #22 Top 6' Boulder in Pasture 67' 11' 207+76 Elev. 794.53

SERIES NO. 97-D
 SHEET 18 OF 23

WOOD GUARD RAIL REQUIRED		
STATION	LEFT	RIGHT
219+80	24'	—

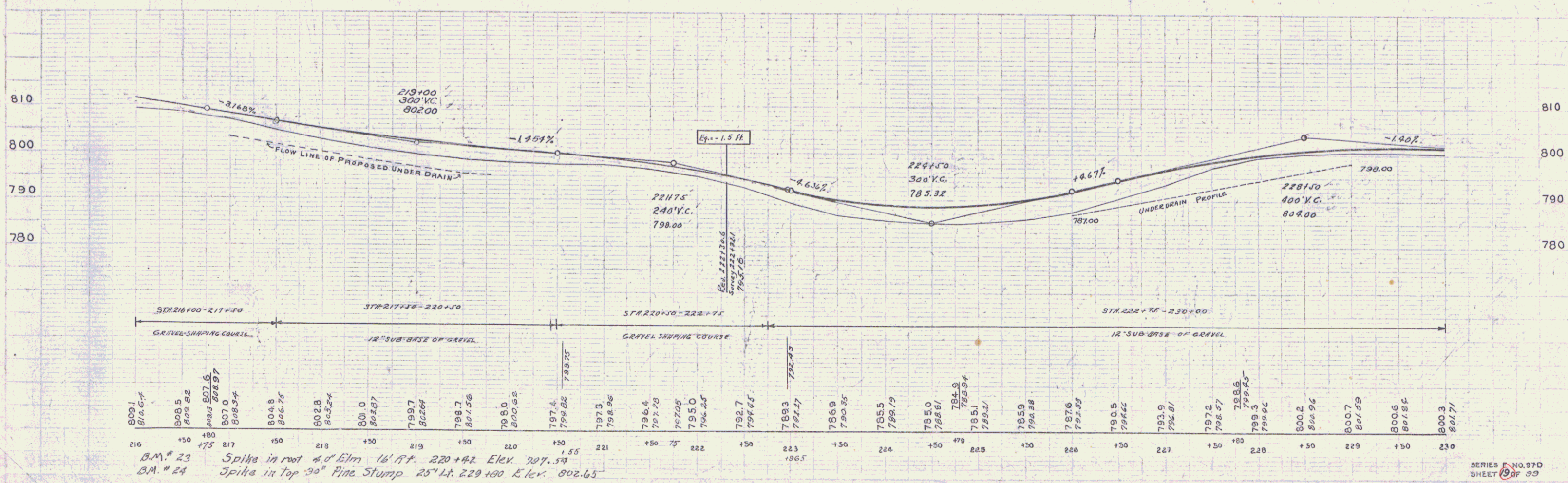
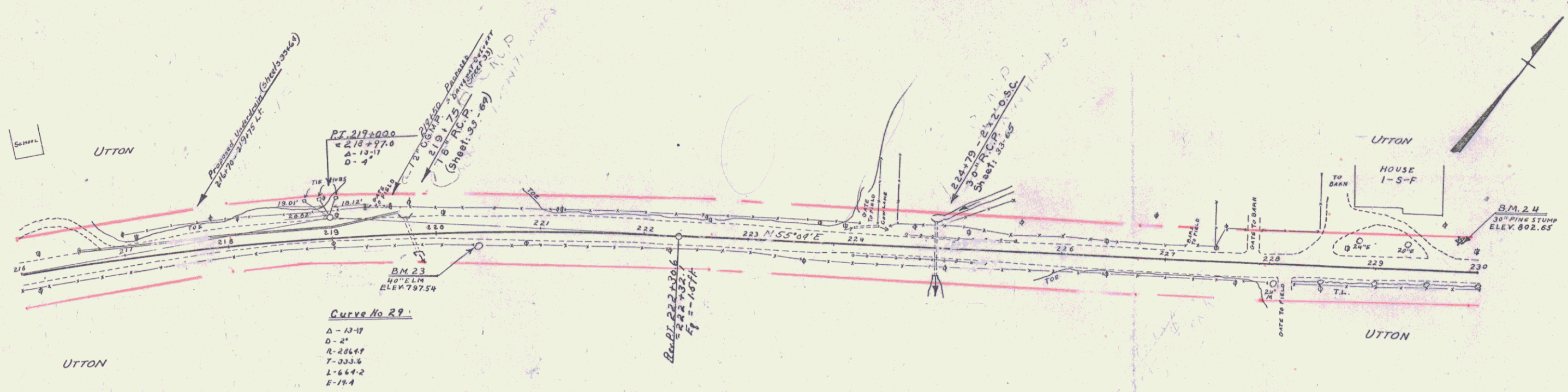
CABLE GUARD RAIL REQUIRED				
STA.	STA.	LEN.	CONST.	PIV. LENGTH
218+75	220+35	R	160'	40'
223+00	225+80	R	240'	40'
224+09	226+25	L	216'	40'

REIN. CONC. PIPE CULVERT REQUIRED				
STA.	DIA.	LEN.	CONC. A	CONC. STEEL
219+75	18"	40'	1.8 cu. yd.	54#
224+79	30"	52'	3.2 cu. yd.	58#

STD. UNDERDRAIN WITH P.C.G.M.P. (Concrete)			
STATIONS	DIA.	LEN.	CEM. RUB. MBS.
216+79 - 219+75	6"	320'	—
226+00 - 229+00	6"	300'	1.2 cu. yd.

C.G.M. PIPE REQUIRED			
STA.	DIA.	LEN.	CEMENT RUB. MBS.
224+10 LF	12"	24'	R.3 C.Y.

17th ROAD STATE 711
 DIST. 100' 1930 19 99

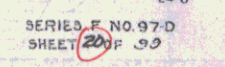


<u>REINF. CONC. PIPE CULVERT REQUIRED</u>					
<u>STA.</u>	<u>DIA.</u>	<u>LENG.</u>	<u>CONC. A</u>	<u>CONCC. STEEL</u>	<u>D.I. GRATES</u>
234+97	24"	30'	2.4 cy.	54#	
240+11	15"	36'		3.0 cy. 33#	

C.G.M. PIPE REQUIRED				
STA.	DIA.	LENG.	CEM.	RUB. MAS.
240+30	12"	28'		2.3 cy.
237+0	12"	24'		2.3 cy.

STD UNDERDRAIN WITH P.C.B.M.P. (COATED)

STA.	DIA.	LENG.
233+70 ACROSS ROAD	6"	14'



WOOD GUARD RAIL REQUIRED

CULV. STATION	LEFT	RIGHT
268+42	24'	—
271+30	24'	—
273+31	24'	24'

CABLE GUARD RAIL REQUIRED

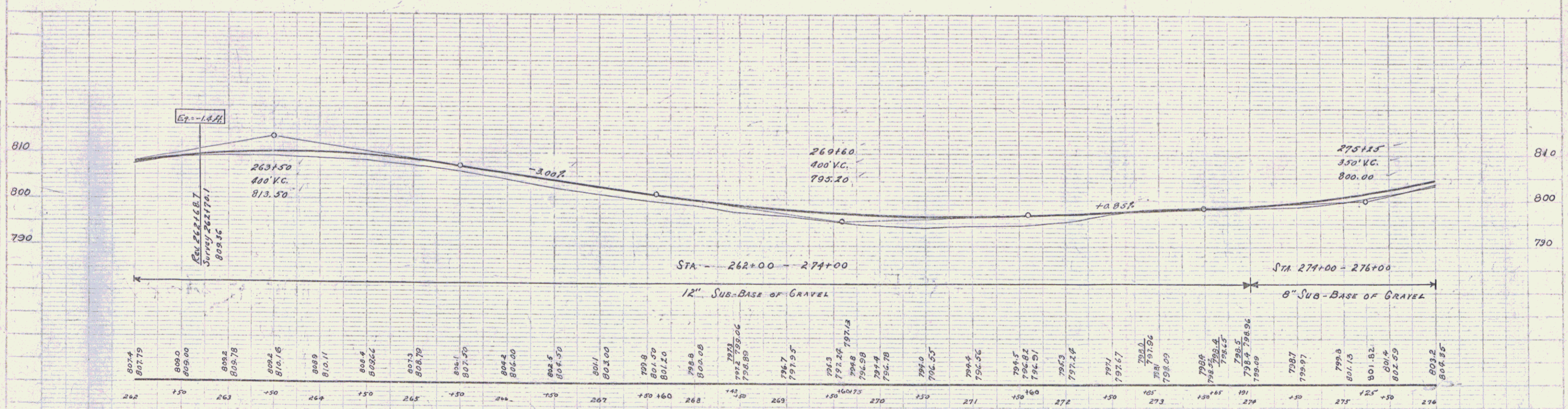
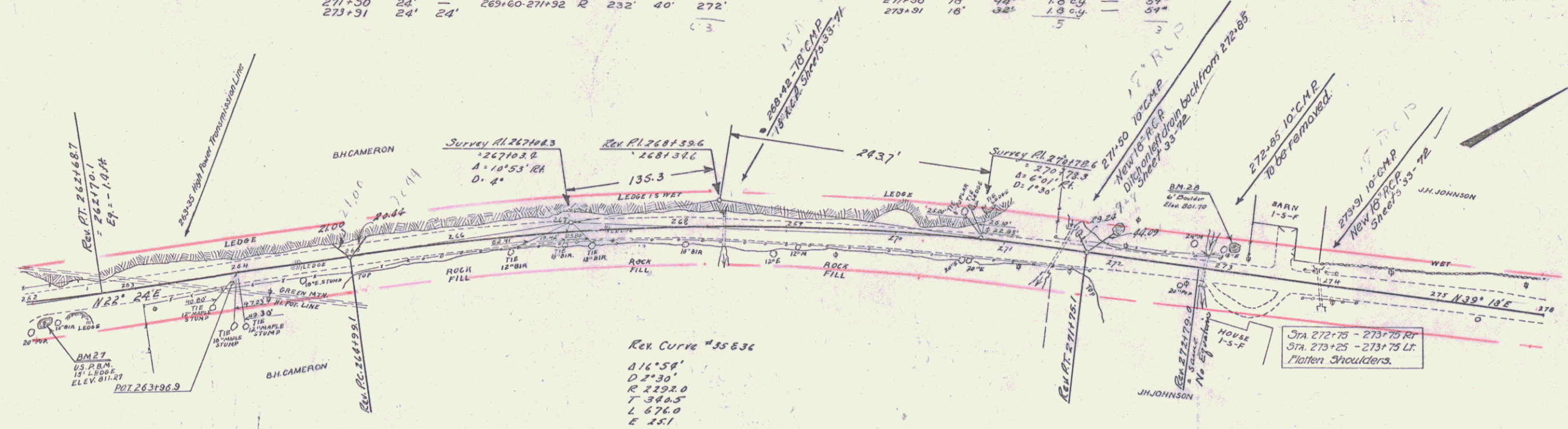
STA	STA	LOD	LENGTH	CONSTANT	APPROX. LENGTH
265+40	268+60	R	320'	40'	360'
269+60	271+92	R	232'	40'	272'

New Reinf. Concrete Pipe Culverts Required

Station	Diam.	Length	Conc. Cont.	Steel
269+42	15"	33'	1.8 cu. y.	75#
271+30	15"	94'	1.8 cu. y.	54#
273+31	18"	32'	1.8 cu. y.	54#

FIELD SKETCH

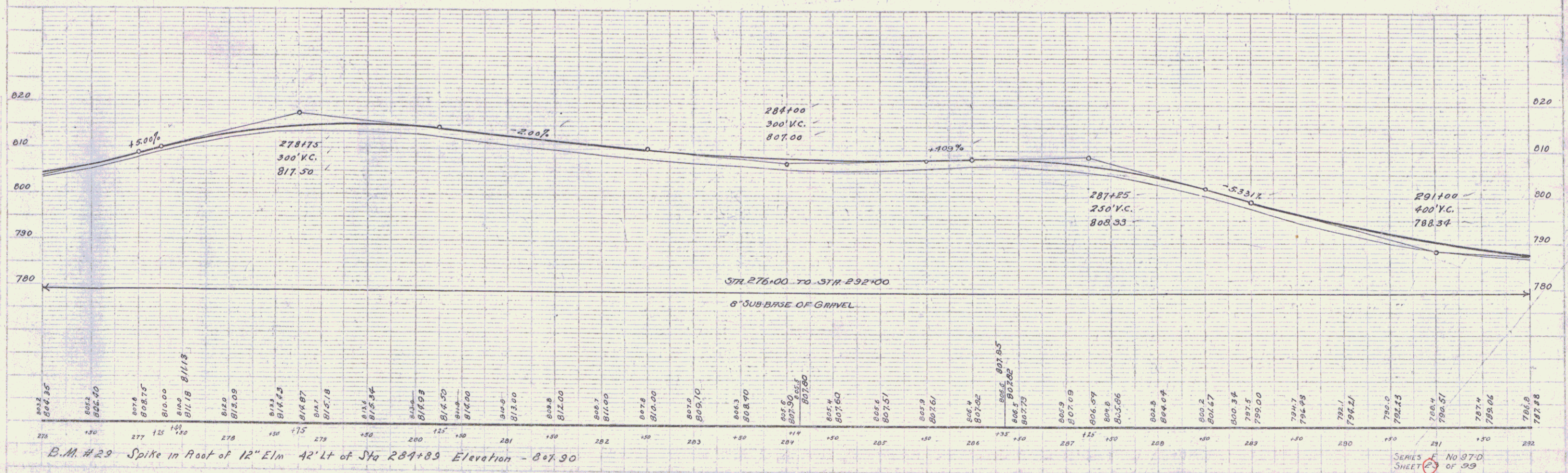
DATE	BY	SCALE	PROJECT	SHEET
1954	J.H. JOHNSON	1" = 20'	26	99



B.M. #27 U.S.P.B.M. Top 15' Boulder 15' Rt. of 262+20 Elevation 811.27
 B.M. #28 6' Boulder by Red Barn 185' Lt. of 273+05 Elevation 801.70

SERIES OF 970
 2 OF 99

FED. ROAD DIST. NO.	STATE	FED. AID FISCAL YEAR	SHEET NO.
9	VT.	97-D	1930 23 99

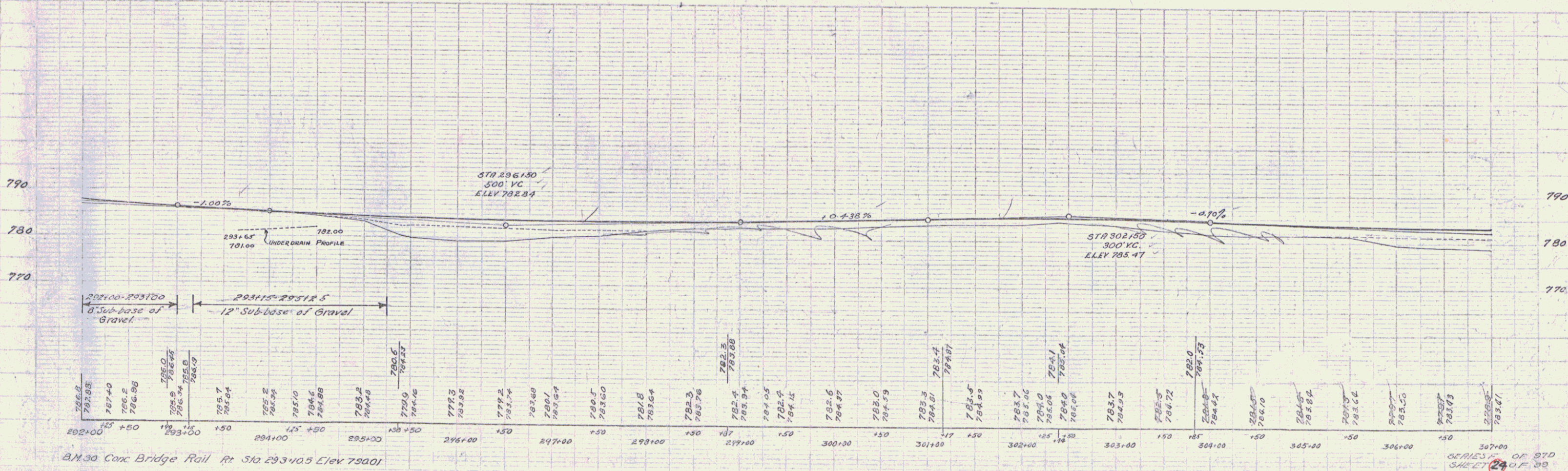


291
SERIES F No 97-D
SHEET 23 OF 99

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
9	VT.	97-D	1930	24	99

CURVE NO. 39-A

Δ	25°-34'
D	4°-30'
R	1273.6
T	288.9
L	568.1
E	32.4



WOOD GUARD RAIL REQUIRED

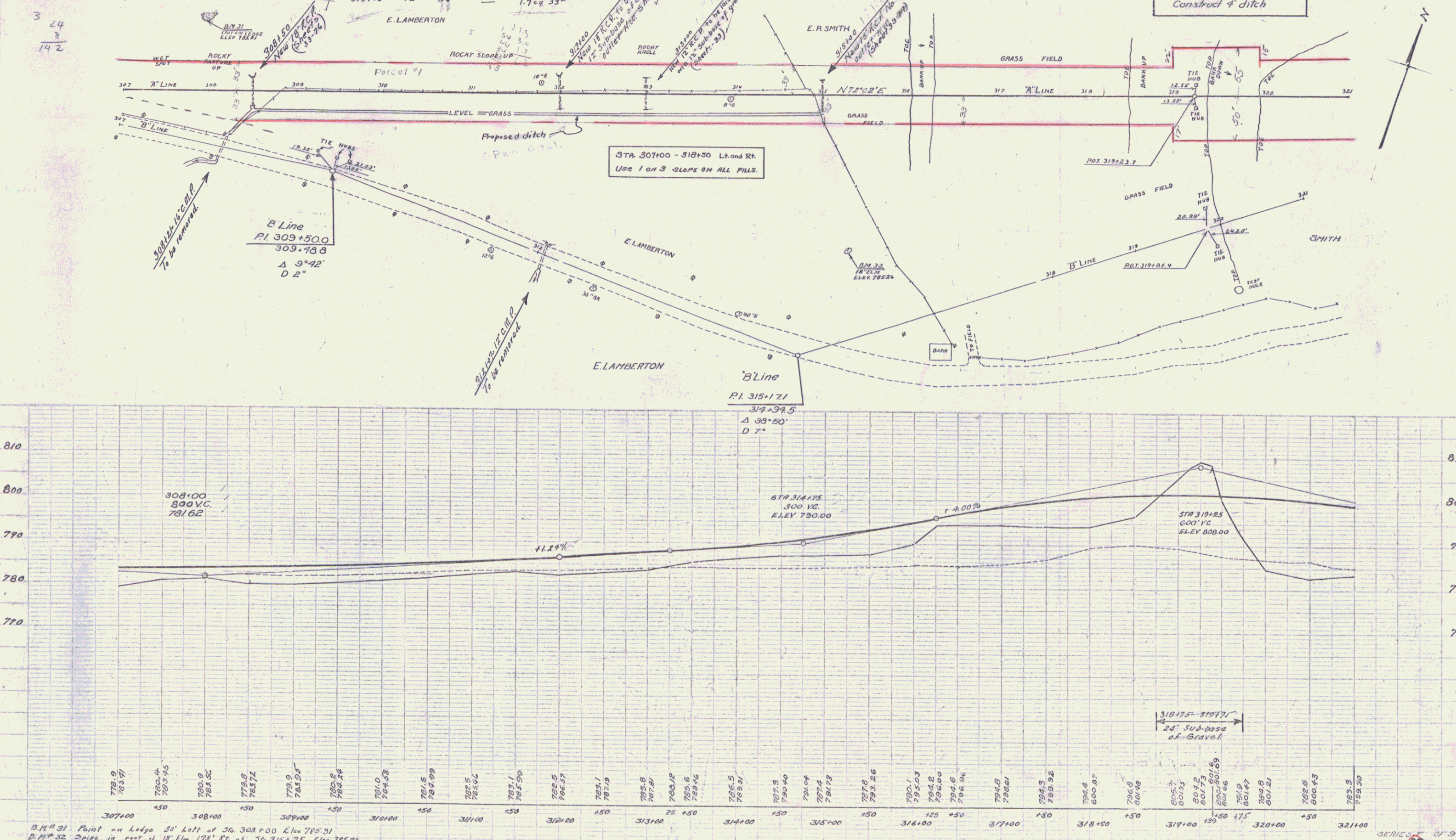
STATION	LEFT	RIGHT
308+00	24'	22'
312+00	24'	24'
313+00	24'	24'

CABLE GUARD RAIL REQUIRED

STA	STA	LO-D	LENGTH	CONSTANT	PAV LENGTH
312+75	321+00	R	125'	20'	145'
312+75	321+00	L	125'	20'	145'

NEW REIN. CONC. PIPE CONCRETE REQUIRED

STATION	DIAM.	LENGTH	CONC. R.	CONC. C.	STEEL
308+50	18"	56'	18cy.	54"	54"
312+00	18"	56'	18cy.	54"	54"
315+00	15"	36'	12cy.	42"	42"
313+00	12"	36'	12cy.	42"	42"



B.M. #31 Point on ledge 50' left of Sta. 308+00 Elev. 795.31
 B.M. #32 Spike in rear of 18" Elm 175' Rt. of Sta. 315+25 Elev. 785.24

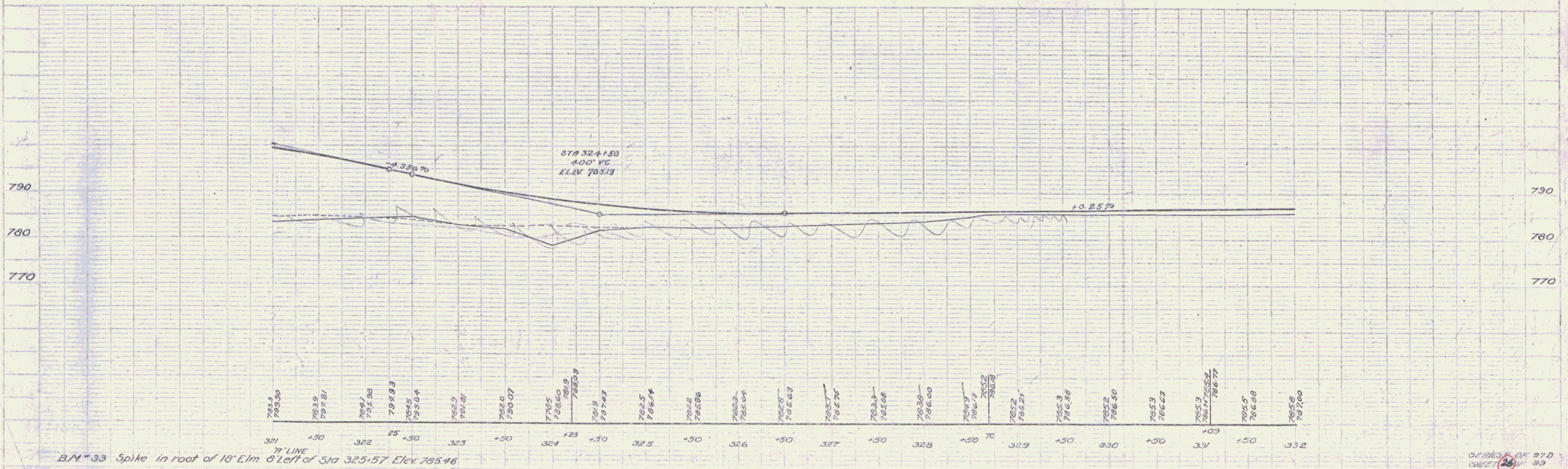
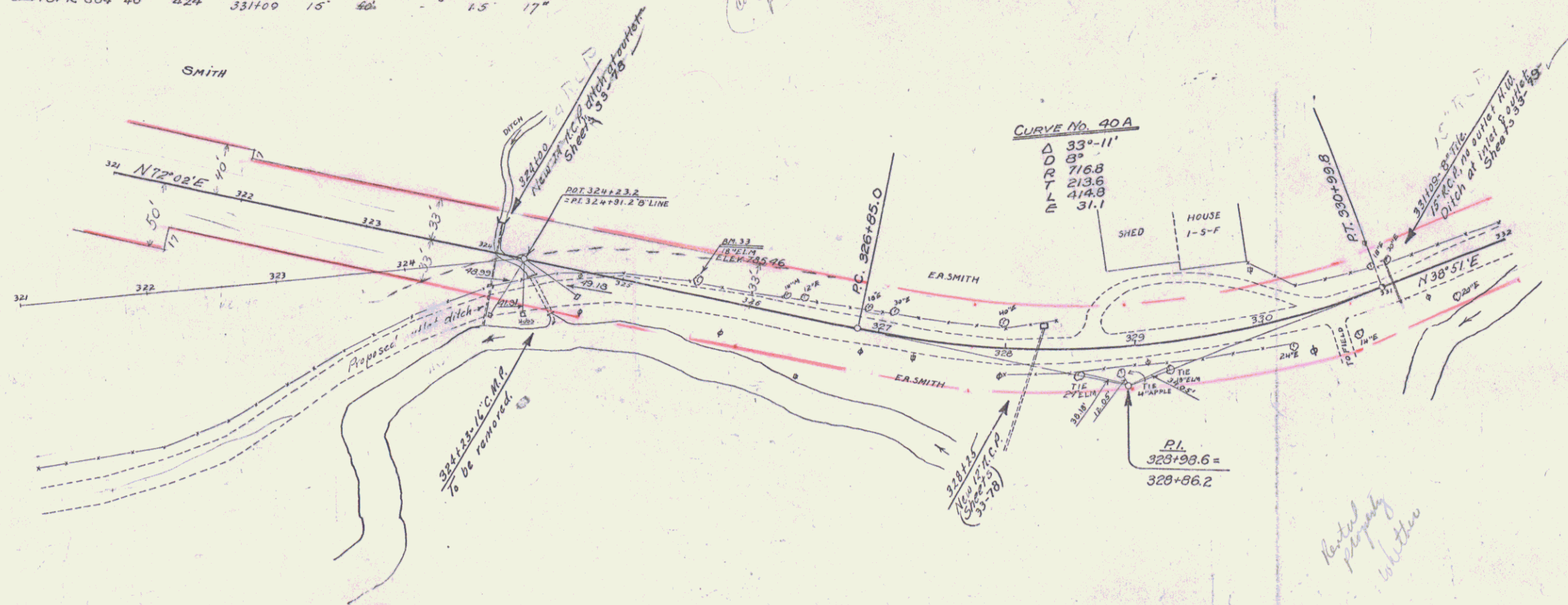
SERIES OF 97D
 SHEET 25 OF 99

WOOD GUARD RAIL REQUIRED		
CULVERT STATION	LEFT	RIGHT
331+09	24'	24'
328+25	24'	24'

CABLE GUARD RAIL REQUIRED		
STATION	LENS	CONCRETE
331+75-332+00	R 25'	40'
321+00-324+52	L 352'	40'
321+00-324+58	R 354'	40'

NEW REIN. CONC. PIPE CULVERTS REQUIRED					
STATION	DIAM.	LENG.	CURVE A	CURVE C	STEEL
324+00	24"	48'	24° 4'	—	54"
328+25	12"	100'	15° 2'	—	157"
331+00	15"	60'	15°	15°	17"

100' SCALE
STATE OF VT.
970 1930 26 99



B/M 33 Spike in root of 18' Elm 8' Left of Sta 325+57 Elev 785.46

OF 970 OF 970
SHEET 26 99

WOOD GUARD RAIL REQUIRED

STATION	LEFT	RIGHT
330+32	24'	
341+12	24'	
342+71	24'	
344+75	24'	

WOOD GUARD POST REQUIRED

STATION	LEFT	RIGHT
337+53	1	
341+15	1	
341+57	1	
342+71	1	
343+50	1	
344+75	1	
345+25	1	
345+60	4 (Each Cor)	4

CABLE GUARD RAIL REQUIRED

STATION	LEFT	RIGHT	CONSTANT	PI LENGTH
332+00	334+15	R	215'	20
336+20	338+44	R	216'	40

NEW REINFORCED CONCRETE PIPE CULVERTS REQUIRED

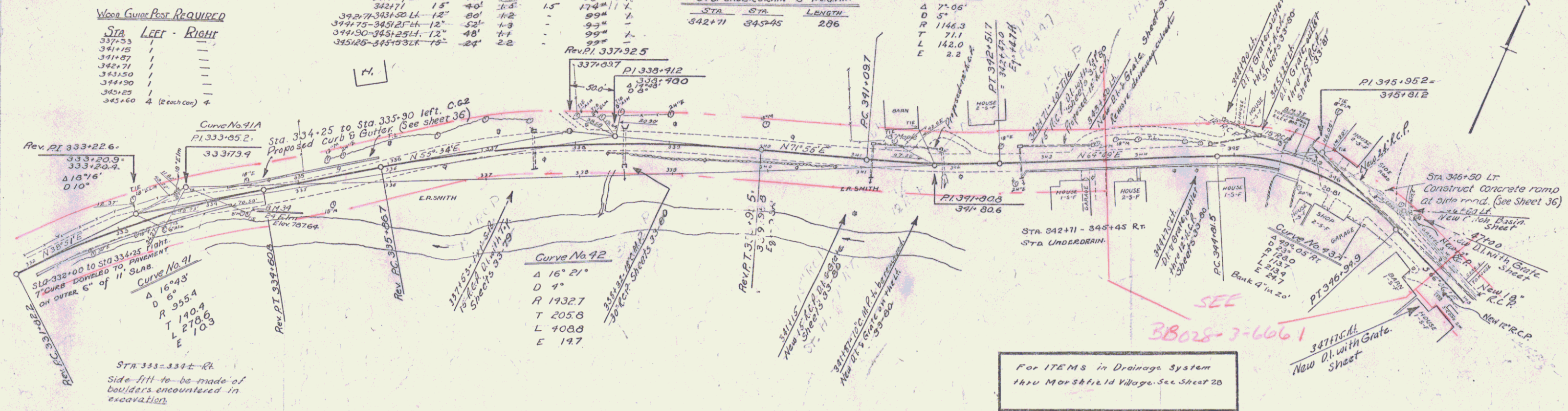
STATION	DIAM.	LENGTH	CONC. R.	CONC. G.	STEEL D. GRATES
337+53	15"	40'	1.5cy	1.5cy	178"
338+32	30"	40'	3.2	1.5	143"
341+15	15"	30'	1.5	1.5	99"
342+71	15"	40'	1.5	1.5	174"
342+71	30"	40'	1.2	1.2	99"
344+75	30"	40'	1.2	1.2	99"
344+75	30"	40'	1.2	1.2	99"
345+25	30"	40'	1.2	1.2	99"

CONCRETE CURB REQUIRED

STATION	LEFT	RIGHT	AREA	CONC. R.	STEEL
332+00	334+25	R	0.3038	2.5cy	151"

CONCRETE CURB & GUTTER REQUIRED

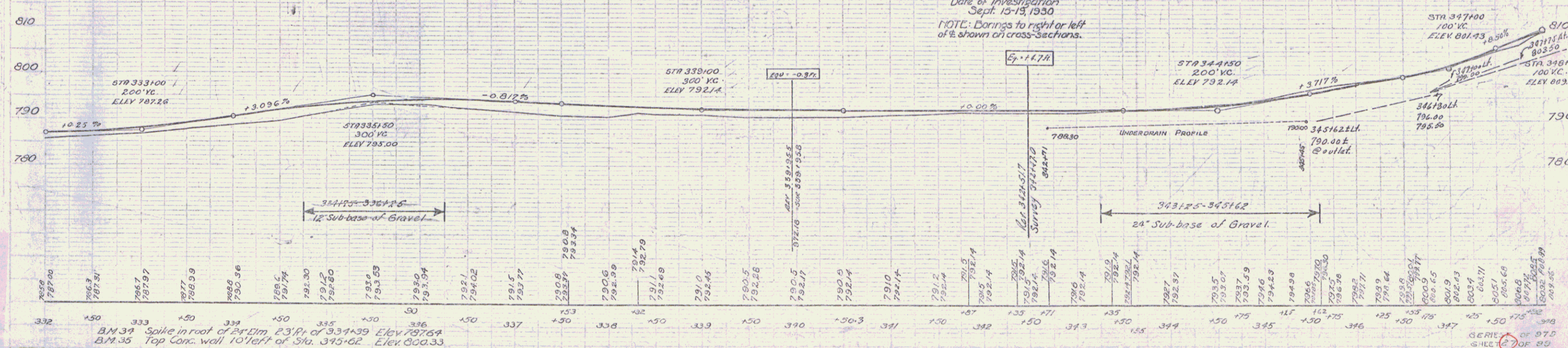
STATION	LEFT	RIGHT	LENGTH	CONC. R.	STEEL
334+25	335+90	L	165'	10.8cy	297"



SUB-SOIL CLASSIFICATION
 H-humus
 S-sand
 C-clay
 L-lodge
 Q-quick sand

LEGEND
 Dry
 Moist
 Wet

Date of Investigation
 Sept. 15-19, 1930
 NOTE: Borings to right or left of & shown on cross-sections.



WOOD CURB AND RAIL REQUIRED
CULV. STA. LEFT-RIGHT
360+75 24'

SPECIAL TIMBER GUARD RAIL REQUIRED

STA. - STA. LOOK LENG. CONC. R. STEEL

358+12 - 361+24 R 312' 3 ex 222' 2.253 M.M.

355+75 - 356+75 L 100' 1.1 ex 67'

356+75 - 357+30 R 75' 0.8 ex 50'

359+60 - 361+75 L 215' 2.4 ex 144'

CONCRETE CURB REQUIRED

STA. STA. LOOK LENG. CONC. R. STEEL

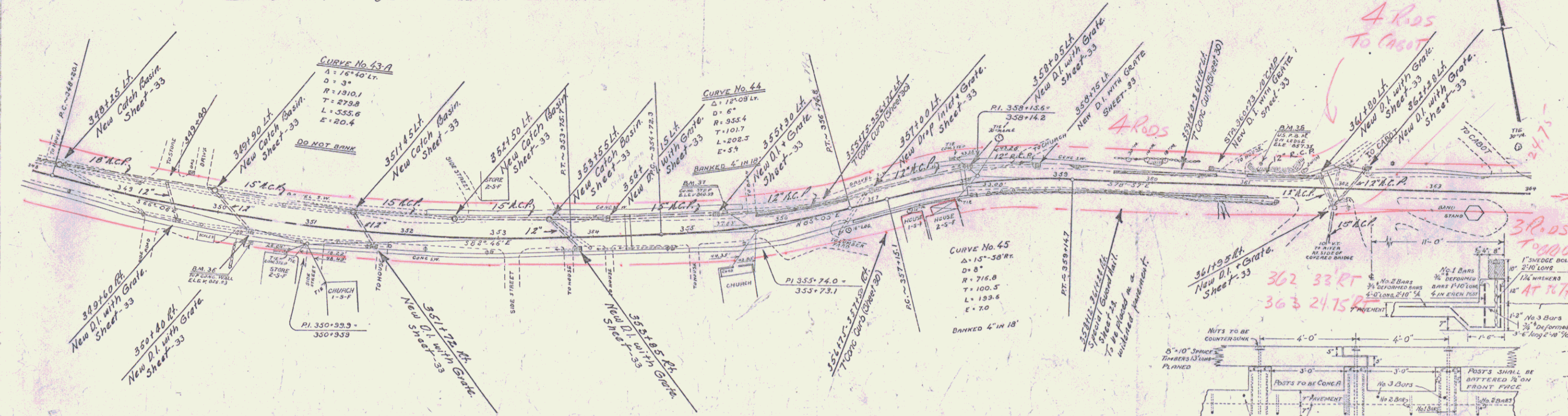
355+75 - 356+75 L 100' 1.1 ex 67'

356+75 - 357+30 R 75' 0.8 ex 50'

359+60 - 361+75 L 215' 2.4 ex 144'

STATE OF NEW YORK
COUNTY OF ALBANY
TOWN OF MARSHFIELD
VILLAGE OF MARSHFIELD
SHEET NO. 28 OF 29
DATE 1970

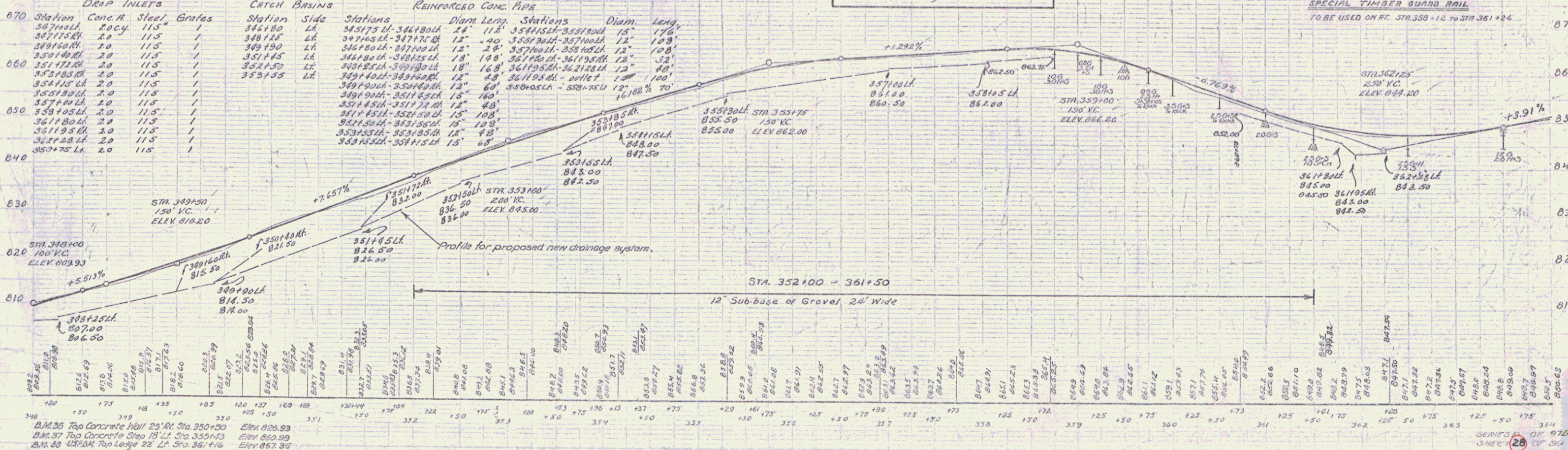
Recd. Int. Date Grantor Grantee Recorded Book Rec Date Remarks
B 358+100 - 361+75 W.D.E. 8-15-52 R.C. E. Trans-Fairington St. of V. Marshfield 24 206 8-23-52 Side Right



ITEMS REQUIRED FOR DRAINAGE SYSTEM IN MARSHFIELD VILLAGE

Station	Conc. R.	Steel	Grates	Station	Side	Stations	Diam.	Length	Station	Diam.	Length
357+00	2.0	11.5	1	358+100	LA	357+00 - 358+100	12"	112'	358+100	12"	112'
357+15	2.0	11.5	1	358+115	LA	357+15 - 358+115	12"	100'	358+115	12"	100'
357+30	2.0	11.5	1	358+130	LA	357+30 - 358+130	12"	100'	358+130	12"	100'
357+45	2.0	11.5	1	358+145	LA	357+45 - 358+145	12"	100'	358+145	12"	100'
357+60	2.0	11.5	1	358+160	LA	357+60 - 358+160	12"	100'	358+160	12"	100'
357+75	2.0	11.5	1	358+175	LA	357+75 - 358+175	12"	100'	358+175	12"	100'
357+90	2.0	11.5	1	358+190	LA	357+90 - 358+190	12"	100'	358+190	12"	100'
358+00	2.0	11.5	1	358+200	LA	358+00 - 358+200	12"	100'	358+200	12"	100'
358+15	2.0	11.5	1	358+215	LA	358+15 - 358+215	12"	100'	358+215	12"	100'
358+30	2.0	11.5	1	358+230	LA	358+30 - 358+230	12"	100'	358+230	12"	100'
358+45	2.0	11.5	1	358+245	LA	358+45 - 358+245	12"	100'	358+245	12"	100'
358+60	2.0	11.5	1	358+260	LA	358+60 - 358+260	12"	100'	358+260	12"	100'
358+75	2.0	11.5	1	358+275	LA	358+75 - 358+275	12"	100'	358+275	12"	100'
358+90	2.0	11.5	1	358+290	LA	358+90 - 358+290	12"	100'	358+290	12"	100'
359+00	2.0	11.5	1	359+000	LA	359+00 - 359+000	12"	100'	359+000	12"	100'
359+15	2.0	11.5	1	359+015	LA	359+15 - 359+015	12"	100'	359+015	12"	100'
359+30	2.0	11.5	1	359+030	LA	359+30 - 359+030	12"	100'	359+030	12"	100'
359+45	2.0	11.5	1	359+045	LA	359+45 - 359+045	12"	100'	359+045	12"	100'
359+60	2.0	11.5	1	359+060	LA	359+60 - 359+060	12"	100'	359+060	12"	100'
359+75	2.0	11.5	1	359+075	LA	359+75 - 359+075	12"	100'	359+075	12"	100'
359+90	2.0	11.5	1	359+090	LA	359+90 - 359+090	12"	100'	359+090	12"	100'
360+00	2.0	11.5	1	360+000	LA	360+00 - 360+000	12"	100'	360+000	12"	100'
360+15	2.0	11.5	1	360+015	LA	360+15 - 360+015	12"	100'	360+015	12"	100'
360+30	2.0	11.5	1	360+030	LA	360+30 - 360+030	12"	100'	360+030	12"	100'
360+45	2.0	11.5	1	360+045	LA	360+45 - 360+045	12"	100'	360+045	12"	100'
360+60	2.0	11.5	1	360+060	LA	360+60 - 360+060	12"	100'	360+060	12"	100'
360+75	2.0	11.5	1	360+075	LA	360+75 - 360+075	12"	100'	360+075	12"	100'
360+90	2.0	11.5	1	360+090	LA	360+90 - 360+090	12"	100'	360+090	12"	100'
361+00	2.0	11.5	1	361+000	LA	361+00 - 361+000	12"	100'	361+000	12"	100'
361+15	2.0	11.5	1	361+015	LA	361+15 - 361+015	12"	100'	361+015	12"	100'
361+30	2.0	11.5	1	361+030	LA	361+30 - 361+030	12"	100'	361+030	12"	100'
361+45	2.0	11.5	1	361+045	LA	361+45 - 361+045	12"	100'	361+045	12"	100'
361+60	2.0	11.5	1	361+060	LA	361+60 - 361+060	12"	100'	361+060	12"	100'
361+75	2.0	11.5	1	361+075	LA	361+75 - 361+075	12"	100'	361+075	12"	100'

NOTE: Present drainage system in Marshfield Village to be removed.

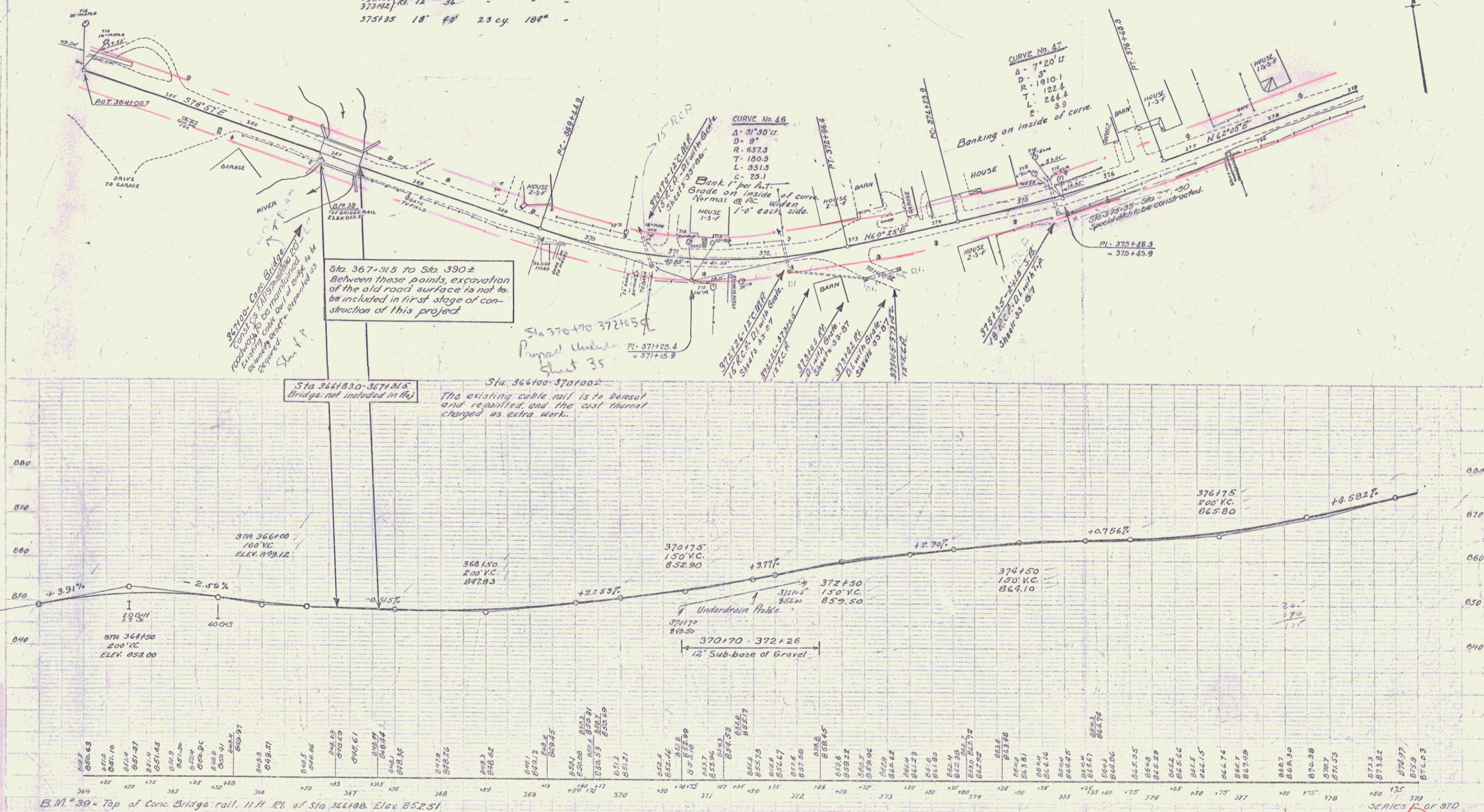


STATION	LEFT	RIGHT
370+70	—	/
372+26	—	/
373+03	—	/
373+42	—	/
375+35	—	/

NEW RAINF CONC PIPE CONVERTS REQUIRED						
Station	Diam	Length	Conc. A	Steel	DI	Grate
372170	18"	36'	18C4	95%	-	-
372126	18"	3.6'	18C4	99%	-	-
372126	18-12"	84'	-	-	-	-
373105	18"	-	-	-	-	-
373105 RT.	-	-	1.4 c.y.	95%	-	-
373142 RT.	-	-	1.0	99%	-	-
373105	18"	36'	-	-	-	-
373142	18"	-	-	-	-	-
375135	18"	48'	2.3 c.y.	100%	-	-

STD UNDERDRAIN WITH 6" P.C.G.M.F.

<u>Stations</u>	<u>Length</u>
370+70 - 372+65	140 ft.



Cur. Sta.	Left	Right
382+10	24'	
382+103	24'	
387+50	24'	
387+79	24'	

Sta.	Left	Right
381+45	382+29	LA
387+00	387+76	LA
387+00	387+76	LA
387+00	387+76	LA
387+00	387+76	LA

Sta.	Left	Right
382+10	15"	48"
382+103	18"	48"
387+50	18"	36"
387+76	21 1/2"	128"
387+00	RH	-

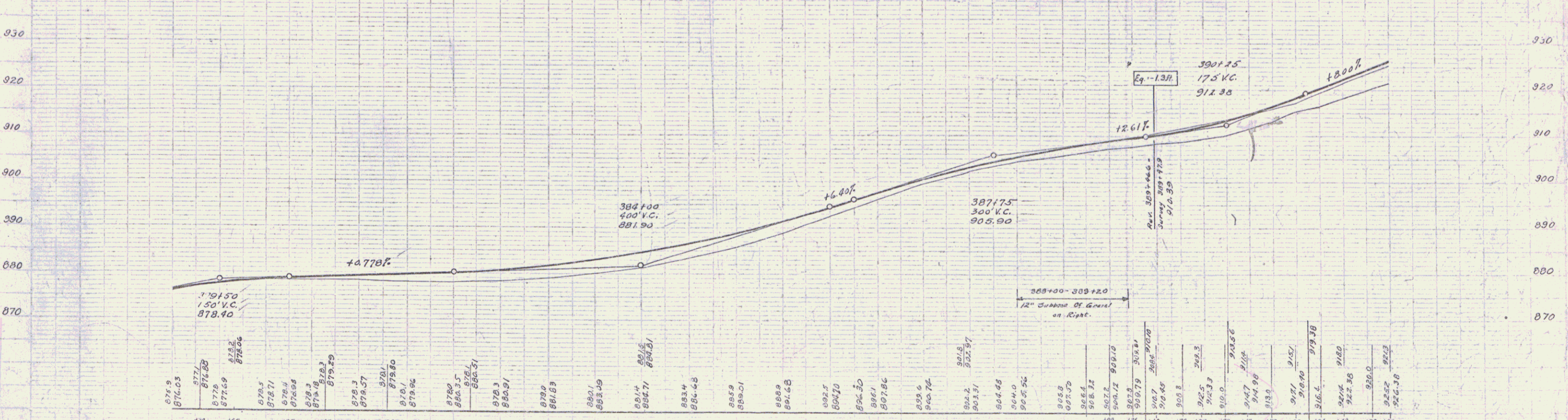
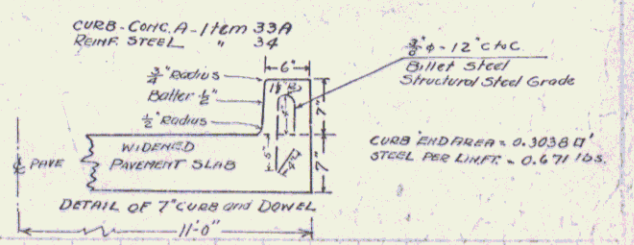
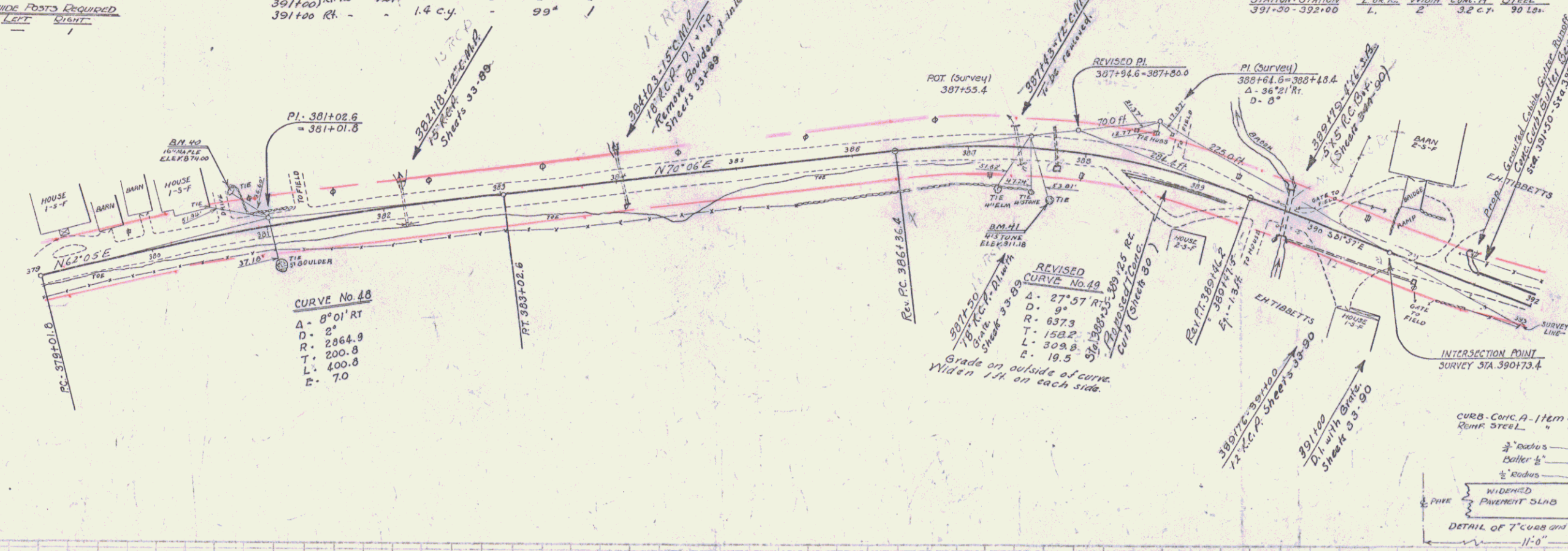
Station	Size	Conc. A	Steel
387+76	5'x5'	32.8cy	2966#

Sta.	Left	Right
387+35	387+55	90'
387+35	387+55	90'
387+35	387+55	90'
387+35	387+55	90'
387+35	387+55	90'

Sta.	Left	Right
381+50	Runoff	L
381+50	Runoff	L
381+50	Runoff	L
381+50	Runoff	L
381+50	Runoff	L

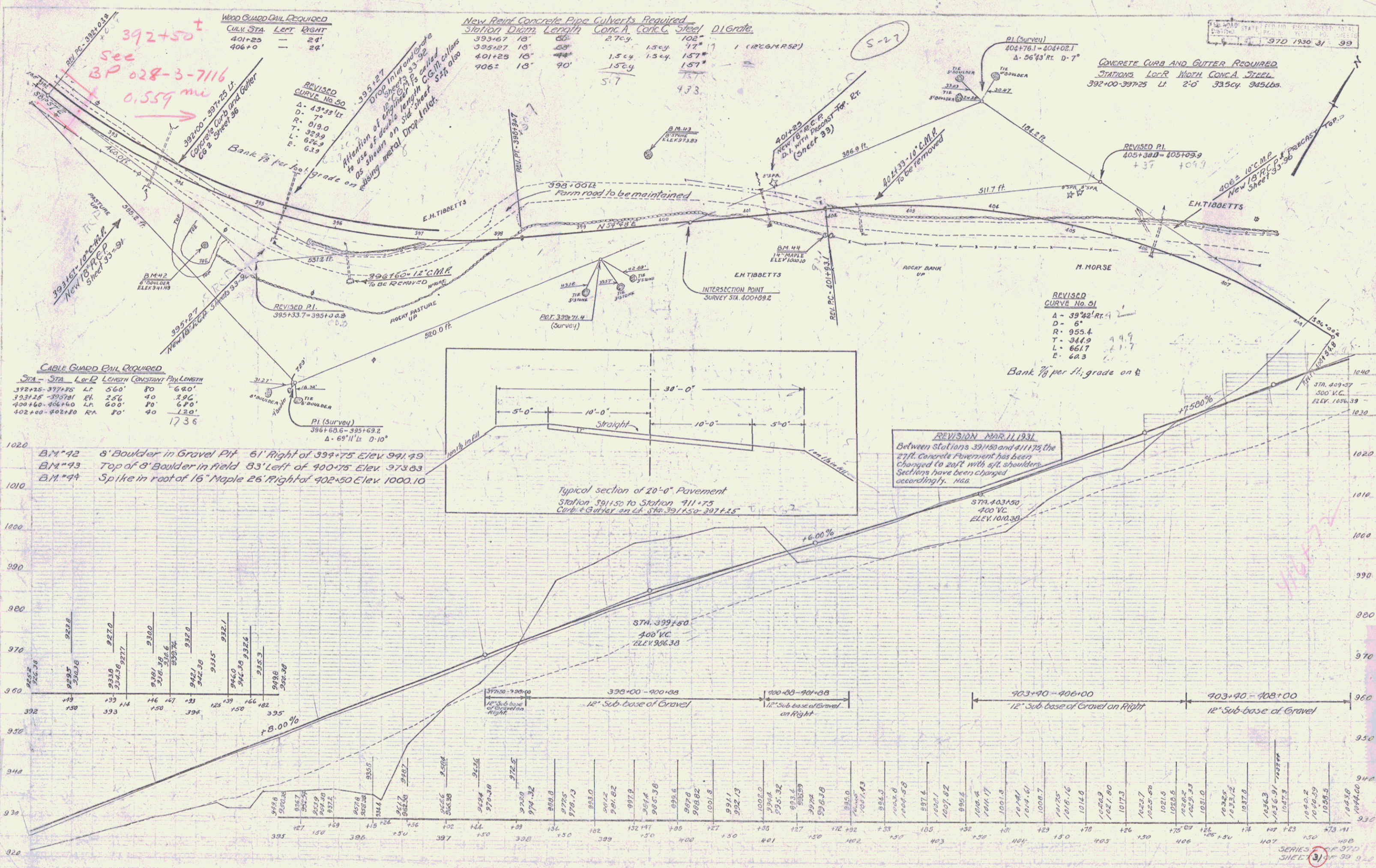
Station	Left	Right
381+50	382+00	L
381+50	382+00	L
381+50	382+00	L
381+50	382+00	L
381+50	382+00	L

Sta.	Left	Right
381+00		
381+00		
381+00		
381+00		
381+00		



B.M. No. 40, Spike in root of 16' Maple, 33 ft. L. of Sta. 380+76 Elev. 874.00
 B.M. No. 41, Top of Boulder, 41 ft. R. of Sta. 387+76 Elev. 911.18

SERIES OF 97D
 SHEET 30 OF 33



CABLE GUARD RAIL REQUIRED

STA.	STA.	LT.	RT.	LENGTH	CONSTANT	PAV. LENGTH
392+25	397+25	LT	RT	500'	80'	640'
393+25	397+25	LT	RT	256'	40'	296'
393+25	397+25	LT	RT	600'	80'	670'
402+00	402+00	LT	RT	20'	40'	120'
1736						

WOOD GUARD RAIL REQUIRED

STA.	STA.	LT.	RT.	LENGTH	CONSTANT	PAV. LENGTH
401+25	401+25	LT	RT	24'	24'	24'
406+00	406+00	LT	RT	24'	24'	24'

NEW REINFORCED CONCRETE PIPE CULVERTS REQUIRED

STATION	DIAM.	LENGTH	CONC. A	CONC. C	STEEL	DIGRATE
393+67	18"	60'	2.7cy	1.5cy	17"	1 (12'6" M.R.S.P.)
395+27	18"	60'	1.5cy	1.5cy	15"	
401+25	18"	60'	1.5cy	1.5cy	15"	
406+00	18"	90'	1.5cy	1.5cy	15"	
5.7						

CONCRETE CURB AND GUTTER REQUIRED

STATIONS	LOC.	WIDTH	CONC. A	STEEL
392+00-397+25	LT	2'-0"	3.5cy	345lbs.

B.M. 42 6' Boulder in Gravel Pit 61' Right of 394+75 Elev 991.29
B.M. 43 Top of 8' Boulder in field 83' Left of 400+75 Elev 973.83
B.M. 44 Spike in roof of 16' Maple 26' Right of 402+50 Elev 1000.10

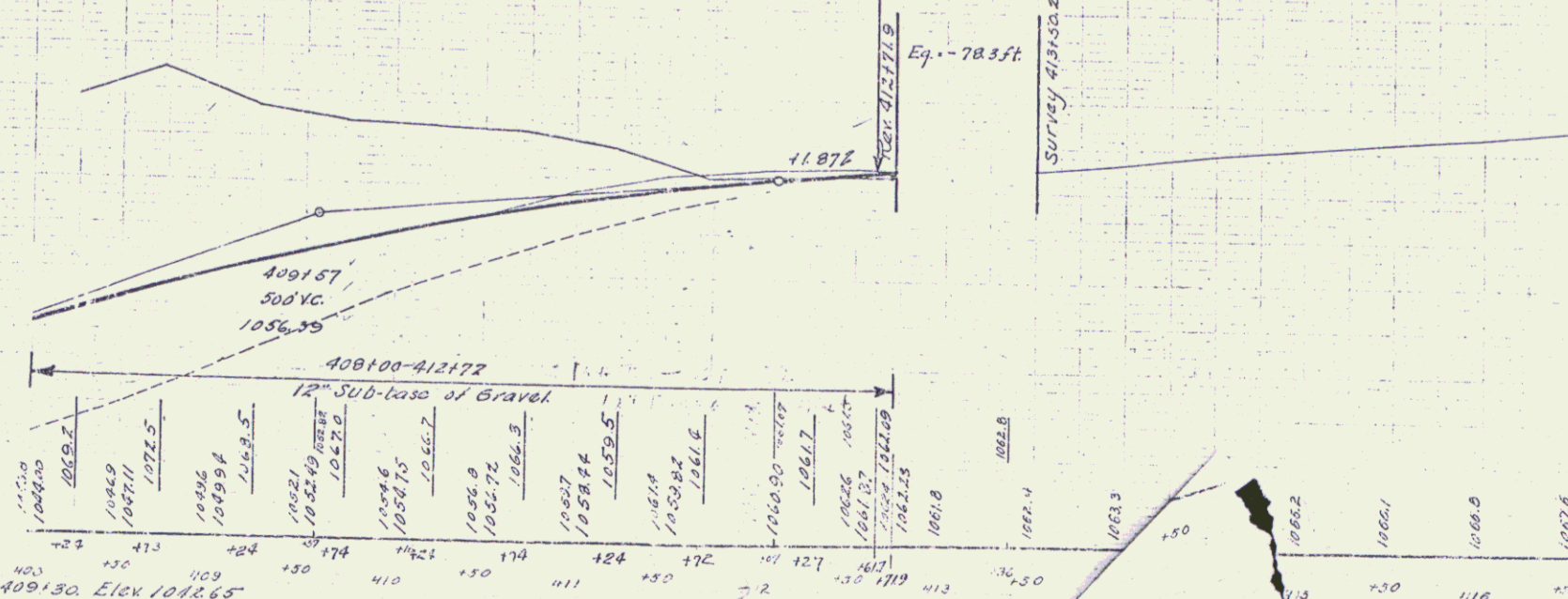
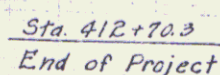
Typical section of 20'-0" Pavement
Station 391+50 to Station 411+75
Curb & Gutter on left Sta. 391+50-397+25

REVISION MAR. 11, 1931
Between Stations 391+50 and 411+75 the 27 ft. concrete pavement has been changed to 20 ft. with 6 ft. shoulders. Sections have been changed accordingly. N.E.

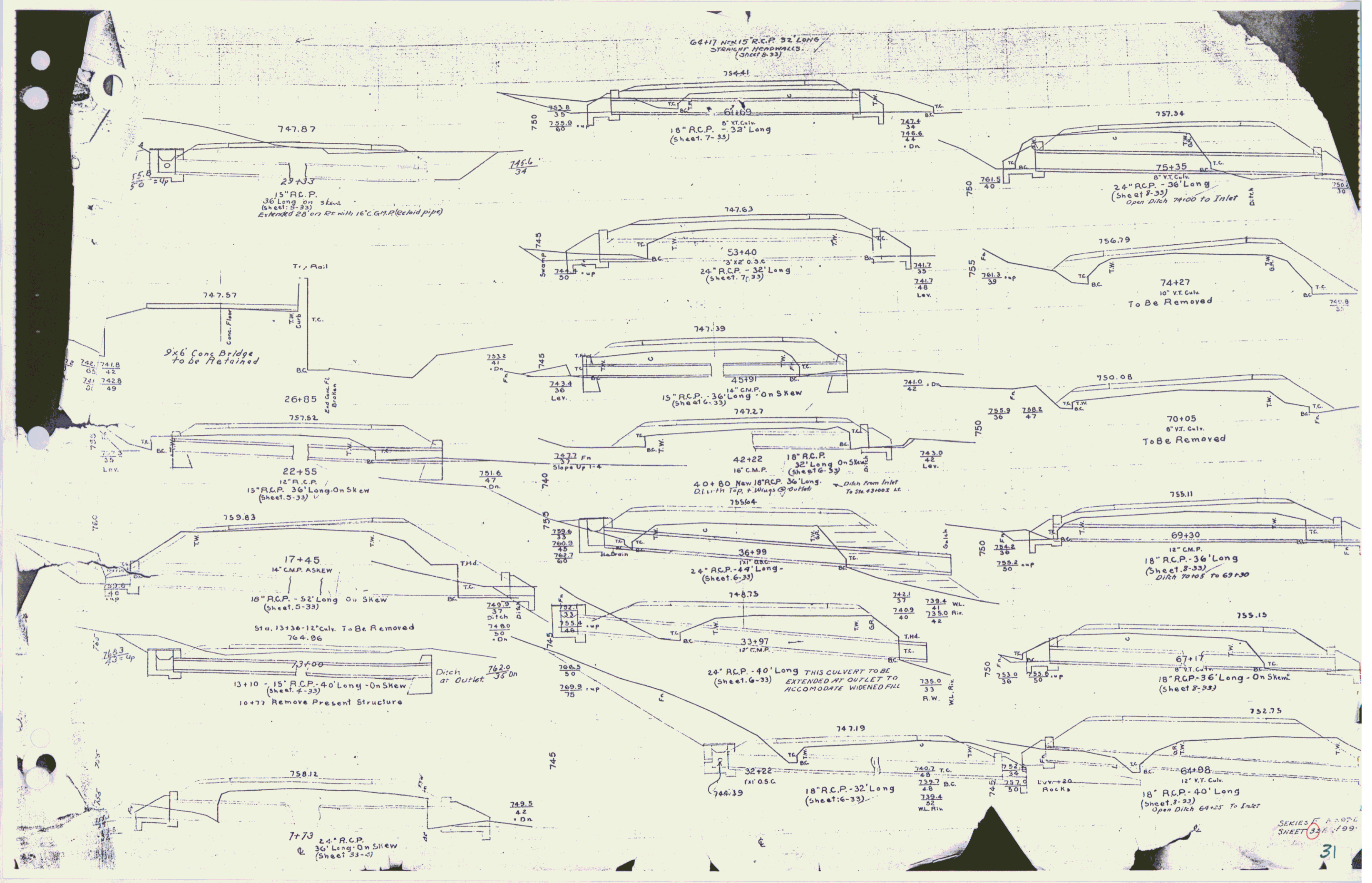
SERIES 3770
SHEET 31 OF 39

New of Concrete Pipe Culverts Required
Station Diam. Length Conc. A Steel
911+0 15" 36' 15c.u 157

Sta. 412+74.3
REVISED
CURVE No. 52
End of Project
Δ = 10° 54' 14"
D = 3"
R = 1910.1
T = 182.2
L = 363.3
E = 3.7
Do not bank



3rd No. 45. Spike in roof of 18" Cherry, 120 ft. Lt. of Sta. 409⁴⁰³ 130. Elev 1042.65⁴⁰⁹
3rd No. 46. Top of Conc. rail at bridge, 11 ft. Lt. of Sta. 41345. Elev 1065.77



POOR ORIGINAL COPY

