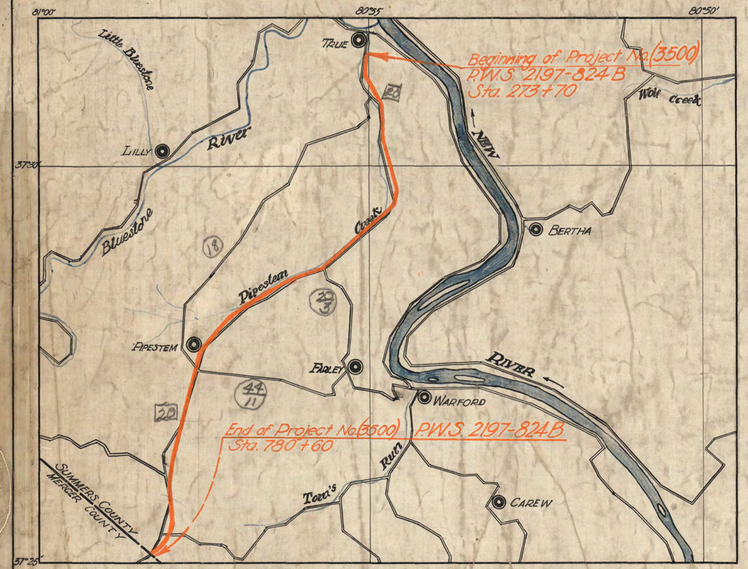


THE STATE ROAD COMMISSION
OF WEST VIRGINIA

PLAN AND PROFILE FOR CONSTRUCTION
OF
STATE ROAD

PROJECT NO. (3500) P.W.S. 2197-824 B

JUMPING BRANCH DISTRICT, SUMMERS COUNTY

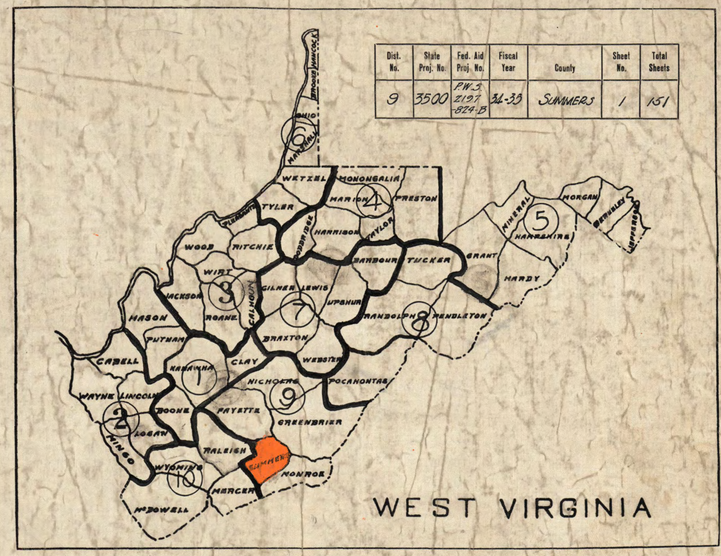
FROM TRUE TO MERCER COUNTY LINE

Sta. 273+70 To Sta. 780+68.33

Length = 8.493 Mi.

SCALES Plan 1 IN. = 50 FEET

PROFILE HOR. 1 IN. = 50' VERT. 1 IN. = 10'



Dist. No.	State Proj. No.	Fed. Aid Proj. No.	Fiscal Year	County	Sheet No.	Total Sheets
9	3500	P.W.S. 2197-824 B	38-39	SUMMERS	1	151

TYPE OF CONSTRUCTION

GRADED EARTH



LAYOUT
SCALE 1 IN. = 2000 FT.

CONVENTIONAL SIGNS

	State Line	Stone / Concrete	Wall
	County Line		Marsh
	Corporation Line		Hedge
	District Line		Drop Inlet
	Right of Way Line		Bridge
	Property Line		Present Culvert
	Fence Line		Proposed
	Guard Rail		Telegraph Pole
	Proposed Road		Trolley Pole
	Traveled Road		Power Pole
	Railroad		Tree
	Electric Railway		Brick Dwelling
	Frame Dwelling		

INDEX TO SHEETS

No.	Description

PLANS COMPLETED ..... 193 .....

PROJECT NO. (3500) P.W.S. 2197-824 B

PREPARED & RECOMMENDED L. C. Mallow
ENGINEER OF PLANS & SURVEYS-STATE ROAD COMMISSION

REVIEWED
DISTRICT ENGINEER-STATE ROAD COMMISSION

RECOMMENDED FOR APPROVAL Mortimer R. Smith
CHIEF ENGINEER-STATE ROAD COMMISSION

APPROVED Ernest L. Barley
COMMISSIONER-STATE ROAD COMMISSION

APPROVED BY OFFICIAL ORDER OF THE STATE ROAD COMMISSION OF WEST VIRGINIA. ENTERED ..... DAY OF ..... 193 .....

SECRETARY

RECOMMENDED FOR APPROVAL
DIST. ENGINEER OFFICE OF PUBLIC ROADS AND RURAL ENG.

CHIEF ENGINEER-OFFICE OF PUBLIC ROADS AND RURAL ENG.

APPROVED
SECRETARY OF AGRICULTURE-OFFICE OF PUBLIC ROADS AND RURAL ENG.

79

HW-230

Form No. 1 EUGENE HIRTZLER CO. IMPERIAL TRACING CLOTH

HW230

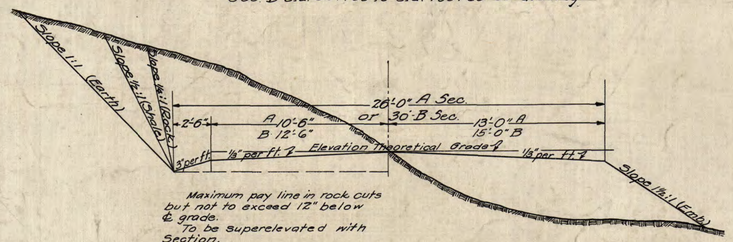
Dist. No.	State Proj. No.	Fed. Aid Proj. No.	Fiscal Year	COUNTY	Sheet No.	Total Sheets
9	3500	P.W.S. Z.197 B24-B	1934 1935	SUMMERS	2	151

PIPE CULVERTS

STATION	SKEW	RELAID PIPE	C.M.P. 15"	18"	24"	30"	R.C.P. 15"	18"	24"	30"	EXCAVA. DRY	CONCRETE B	C	HDW'LLS R	L	DROP INLETS R	L	REMARKS
276+40									76		38.0	1.8		1				
279+00				60							30.0	1.5		1				
284+00				60							30.0	1.5		1				
287+55				86							43.0	1.5		1				
296+70							50				25.0	1.5		1				
304+16							34				17.0	1.5		1				
306+00							34				17.0	1.5		1				
311+00							44				22.0	1.5		1				
315+00							60				30.0	1.5		1				
318+50							34				17.0	1.5		1				
321+50							50				25.0	1.5		1				
328+75							60				33.0	1.5		1				Place "French Drain" Under P.
337+25							34				17.0	1.5		1				
338+80									34		17.0	2.0		1				
343+95				78							39.0	1.5		1				
346+00							60				30.0	1.5		1				
354+35							34				17.0	1.5		1				Dig outlet ditch (50 Cu Yd)
356+95									34		17.0	1.8		1				
359+20							44				22.0	1.5		1				
362+50							56				28.0	1.5		1				
365+00							56				28.0	1.5		1				
375+00							42				21.0	1.5		1				
378+50							42				21.0	1.5		1				
386+50							60				30.0	1.5		1				
391+00							46				23.0	1.5		1				
396+00							52				26.0	1.5		1				
397+75				48							24.0	1.5		1				
400+25									34		17.0	2.0		1				
403+00							36				18.0	1.5		1				
405+90									40		20.0	2.0		1				
409+25							48				24.0	1.5		1				
411+90							48				24.0	1.5		1				
417+50				58							29.0	1.5		1				
423+10							54				27.0	1.5		1				
437+90							36				18.0	1.5		1				
442+85				68							34.0	1.5		1				
446+00				42							21.0	1.5		1				
449+50				42							21.0	1.5		1				
452+00							42				21.0	1.5		1				
457+90				40							20.0	1.5		1				
461+25							50				25.0	1.5		1				
468+90							34				17.0	1.5		1				
471+25							44				22.0	1.5		1				
475+60				82						54	27.0	1.8		1				
480+06							56				28.0	1.5		1				
482+90							50				25.0	1.5		1				
491+30				36							18.0	1.5		1				
497+00				62							31.0	1.5		1				
500+00				34							17.0	1.5		1				
503+60							34				17.0	1.5		1				
505+50							50				25.0	1.5		1				
509+25							50				25.0	1.5		1				
511+50							48				24.0	1.5		1				
515+20									34		17.0	1.8		1				
517+95							62				31.0	1.5		1				
524+50				56							28.0	1.5		1				
526+95									50		25.0	2.0		1				
533+50							34				17.0	1.5		1				
535+40				48							24.0	1.5		1				
538+80				124							62.0	1.5		1				
543+00				100							50.0	1.5		1				
546+30							62				31.0	1.5		1				
549+09							38				19.0	1.5		1				
565+75							80				40.0	1.5		1				
573+40							32				16.0	1.5			1			
635+60							34				17.0	1.5			1			
639+00							38				19.0	1.5			1			
647+50						48					24.0	1.8			1			
654+30							32				16.0	1.5			1			
657+50							48				24.0	1.5			1			
665+50							36				18.0	1.5			1			
669+50							40				20.0	1.5			1			
671+00							30				15.0				1			Under Side Road
671+25							30				15.0	1.5			1			
675+50							38				19.0	1.5			1			
681+00							44				22.0	1.5			1			
683+00							42				21.0	1.5			1			
688+50						42					21.0	1.8			1			
693+75							40				20.0	1.5			1			
700+75									40		20.0	2.0			1			
714+05							36				18.0	1.5			1			Parallel to County Road
719+75							32				16.0	1.5			1			
732+12	30°						70				35.0	1.5		1				
740+00							59				29.0	1.5		1				
* 745+28							80				40.0	1.5			1			
760+00							40				20.0	1.5			1			
774+50							32				16.0	1.5			1			
* 745+28											30.0							8" Perforated Pipe Culvert Under the 18" Pipe Culvert
TOTALS				1124			2676	288	198		2176.0	134.8						

NOTE:- Remove all existing pipe and stock pile for maintenance.

Sec. A Sta. 273+70 to Sta. 564+00 26' Grading
Sec. B Sta. 564+00 to Sta. 780+60 30' Grading



Maximum pay line in rock cuts but not to exceed 12" below ℄ grade. To be superelevated with Section.

SUPERELEVATION

Roadway to be superelevated and widened in accordance with schedule given on State Standard Sheet No. 1.
For typical widened and superelevated section see State Standard Sheet No. 1.

SPECIAL NOTES

Borrow will not be made until the unclassified excavation has been completed and all possibilities of obtaining material from either slips or excess has been eliminated.

N.I.R.A.

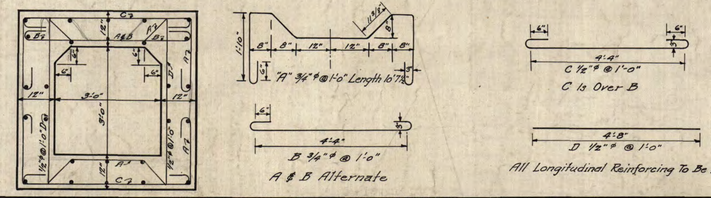
Special Provisions governing National Recovery Highway Projects under National Industrial Recovery Act, adopted by West Virginia State Road Commission July 27, 1934 will govern this project.

ROCK FILL

At points where the embankment is adjacent to a stream, the outside 10' of the embankment shall be made of rock selected from the Unclassified Excavation. No additional pay will be allowed for this, however should no rock be available within the free haul limit, Overhaul will be paid.

SPECIAL REINFORCED TYPE A CONCRETE BOX CULVERT STA. 553+85

1625 x 260 29



BOX CULVERTS

STATION	SKEW	SIZE H	W	LENGTH	TYPE	CONCRETE A	B	EXCAVATION WET	DRY	STEEL	HEADWALL R	L	WINGWALL R	L	MASONRY	REMARKS
325+65		4	5	33	B	8	6.7		45	770					23	Masonry Walls Conc Slab & Wings
423+30		5	6	46	B	9	12.8		64	1406					47.5	Masonry Walls Conc Slab & Wings
530+70	60°	5	6	84	B	28.6	12.8		106	3271					93.3	Masonry Walls Conc Slab & Wings
553+85	30°	3	3	260	SPECIAL	11.6	11.6		150	31 R&B	1	1				See Revised Sheet.
567+30		5'	20	36		57.8	12.8		45	6000					40.0	Slab Bridge
TOTALS						1034	451		260	11,447					203.8	
						266.4	57.1		410	42,287.						

BENCH MARKS

NO	ELEVATION	DESCRIPTION
12	1438.07	Nail in root of 10" Pawpaw, 40' left of Sta. 259+75
13	1487.64	Nail in root of 10" Beech 60' left of Sta. 283+95
14	1516.72	Nail in root of 14" Locust 80' left of Sta. 298+20
15	1576.68	Nail in root of 18" Apple 100' left of Sta. 328+40
16	1614.32	Nail in root of 8" Walnut 130' left of Sta. 345+85
17	1651.05	Nail in side of 8" Sycamore 70' right of Sta. 366+80
18	1693.04	Nail in root of 8" Buckeye 50' left of Sta. 387+65
19	1754.84	Nail in side of 8" Twin Buckeye 65' left of Sta. 908+05
20	1783.43	Nail in side of 6" Hemlock 75' left of Sta. 929+60
21	1810.90	Nail in root of 6" Crab Apple 70' left of Sta. 437+80
22	1852.60	Nail in root of 18" Walnut 100' left of Sta. 454+25
23	1918.90	Nail in root of 10" Locust 100' left of Sta. 475+65
24	1959.90	Nail in root of 10" Walnut 70' right of Sta. 487+85
25	2031.46	Nail in root of 20" Beech 60' right of Sta. 501+20
26	2082.19	Nail in root of 18" Beech 60' right of Sta. 519+60
27	2137.81	Nail in 20" Hemlock 95' left of Sta. 531+60
28	2262.67	Nail in side of 6" Twin White Oak 40' right of Sta. 546+20
29	2352.62	Nail in 8" Maple 100' left of Sta. 558+30
30	2391.00	Nail in 36" White Oak 15' right of Sta. 568+35
16	2387.16	Nail in root of 20" Maple 35' left of Sta. 569+70
17	2396.86	On White Oak 95' left of Sta. 640+00
18	2402.36	On 30" White Oak 32' right of Sta. 648+45
19	2409.24	On 30" White Oak 150'± right of Sta. 653+75
20	2423.33	15" Red Oak 50' left of Sta. 670+50
21	2415.18	
22	2427.73	24" Dead Chestnut 300' left of Sta. 690+00
23	2447.89	60' left of Sta. 700+08
24	2468.28	Chestnut Oak left of Sta. 709+70
25	2499.99	Dead Chestnut 70' right of Sta. 720+60
26	2539.75	99'± left of Sta. 731+50
27	2621.34	Twin White Oak 40' right of Sta. 743+00
28	2613.27	18" Chestnut 85' left of Sta. 749+50
29	2564.09	8" Poplar in fence row 75' left of Sta. 766+50
30	2546.41	30" Black Oak 30' right of Sta. 780+50

WEST VIRGINIA STATE ROAD SPECIFICATIONS OF 1933 WILL GOVERN ALL WORK AND MATERIALS.

ESTIMATE OF QUANTITIES

ITEM NO.	ITEM	UNIT	QUANTITY	
1	CLEARING RIGHT OF WAY	L.F.	44,846	
2	UNCLASSIFIED EXCAVATION	C.Y.	250,000	
3	STRUCTURE EXCAVATION	C.Y.	2700	
4	BORROW	C.Y.	5000	
5	OVERHAUL	Sta. Yds.	5000	
65	LOOSE STONE	C.Y.	30	
66	MASONRY (COURSED STONE)	C.Y.	225	388.0
40	CLASS A CONCRETE	C.Y.	115	
41	CLASS "B" CONCRETE	C.Y.	200	
44	METAL REINFORCEMENT	L.B.S.	11,500	42,287
50	8" PERFORATED METAL PIPE	L.F.	90	
47-C	18" CORRUGATED METAL PIPE (BIT. COATED)	L.F.	1,260	
51-C	18" REINFORCED CONCRETE PIPE	L.F.	2950	
51-D	24" REINFORCED CONCRETE PIPE	L.F.	320	
51-E	30" REINFORCED CONCRETE PIPE	L.F.	220	
75	PROJECT MARKERS	EACH	2	
80	RIGHT OF WAY CHARGE	LUMP SUM		

TABLE OF BALANCES

STATION	STATION	LENGTH	EXCAV. C.Y.	EMB. C.Y.	UNCLASS. C.Y.	BORROW C.Y.	BALANCE	OVERHAUL	REMARKS
273+70	275+85	215	3069	3253		509	110		Bor from Proj FA 61-A
275+85	283+05	720	7892	2316			86		
283+05	287+83	478	4975	4852			103		
287+83	292+64	481	2248	2044			110		
292+64	297+25	490	3250	2904			112		Crosses Equality
297+25	309+01	1176	2140	1945			110		
309+01	316+25	724	3237	2910			111		Crosses Equality
316+25	320+52	427	488	427			115		
320+52	322+03	151	299	269			113		
322+03	324+05	202	6	551		600	110		
324+05	327+07	302	284	259			110		
327+07	335+00	802	3787	3405			110		Crosses Equality
335+00	336+15	115	600	0				1525	Waste 257 Cu. Yds. Stored
336+15	345+50	935	4147	3740			112		
345+50	356+95	1145	7347	6389			115		
356+95	367+50	1055	5557	5200			115		
367+50	374+00	650	3764	3273			115		
374+00	378+00	400	846	736			115		
378+00	379+50	150	339	319			112		
379+50	393+50	1400	8465	7630			110	1710	
393+50	402+00	850	1980	1784			111		
402+00	406+40	440	598	515			116		
406+40	411+30	490	810	704			115		
411+30	416+50	520	1945	1517			115		
416+50	420+00	350	1798	1605			110		
420+00	429+00	900	6790	5890			115		
429+00	433+50	450	2050	1776			115		
433+50	441+70	820	6144	5627			109		
441+70	442+85	115	411	365			113		
442+85	444+65	180	702	611			115		
444+65	451+50	685	2189	1980			111		
451+50	457+90	640	1960	1930			102		
457+90	468+05	1015	3568	3374			106		Excess Borrow was in Bal. Addition to 457+50
468+05	472+50	445	660	622			106		
472+50	475+90	340	2886	2526			114		
475+90	477+52.12	163	573	498			115		
477+50.12	478+90	137	284	247			115		
478+90	485+95	705	4012	3583			112		
485+95.15	492+50	955	6831	6210			110		
492+50	497+90	540	1804	1599			113		
497+90	504+15	625	3981	3620			110		
504+15	506+87.37	272	1849	1681			110		
506+87	508+15.08	129	754	697			108		
508+15.08	509+75	159	1598	1417			109		
509+75	516+85	710	3390	3246			104		
516+85	519+75	290	2285	2064			111		
519+75	523+50	375	1101	1000			110		
523+50	525+00	150	572	520			110		
525+00	529+95	495	1978	1630			114		Obtain As Shown On X Sections
529+95	535+50	555	5117	5117			100		Crosses Equality
535+50	537+18	168	1031	1031			100		
537+18	541+64	446	4782	5393			88		
541+64	543+94	230	1870	1870			100		
543+94	549+64.11	570	1914	1967			97		
549+64.11	553+63	399	4741	4741			100		
553+63	564+00	1051	43428	41716			87		Crosses Equality
564+00	568+00	400	2008	1588			110		Waste 257 Cu. Yds.
568+00	572+50	450	348	311			112		
572+50	637+50	604	664	604			110		Crosses Equality
637+50	643+00	550	800	728			110		
643+00	647+50	450	896	815			110		
647+50	652+00	450	1048	937			112		
652+00	654+50	250	143	129			111		
654+50	657+00	250	274	241			110		
657+00	663+00	600	2012	1771			114		
663+00	664+50	150	237				110		Waste 235 Cu. Yds.
664+50	668+00	350	363	316			115		
668+00	670+00	200	388	337			115		
670+00	676+00	600	859	760			113		
676+00	680+50	450	1126	1024			110		
680+50	684+00	350	0	1863		2159	110		
684+00	686+00	200	335	291			115		
686+00	688+00	200	334	289			115		
688+00	693+00	500	1330	1150			116		
693+00	698+50	550	750	651			115		
698+50	702+50	400	1391	1184			117		
702+50	707+00	450	702	614			115		
707+00	709+00	200	61	54			112		
709+00	711+50	250	110	99			111		
711+50	719+00	750	794	745		113	115		
719+00	728+00	900	1430	2428		1362	115		
728+00	730+50	250	403	357			115		
730+50	731+50	100	134	122			110		
731+50	743+00	1150	5251	5695			103		
743+00	746+50	350	5121	4877			105		
746+50	749+50	300	1424	1349			110		
749+50	761+00	1150	1754	1593			110		
761+00	766+00	500	458	295			115		Waste 119 Cu. Yds.
766+00	773+50	750	297	308		67 Cu. Yds. From Proj. Bal.	115		
773+50	776+60	310	0	490		539	110		
776+50	780+60	410	120	109			110		
SUB TOTAL		44,846	224432	224680	600	4682		3235	
INCL. 8% SHRINKAGE FACTOR			568						
SLIPS ETC.			23400						
NEEDED			600						
TOTALS		44,846	250,000	224680		4682		3235	
Add For widening			4000						
			254,000						

Station 564+00 to 780+60 4' Widening
Add 4000 C.Y. To Balance Quantities

IMPERIAL TRACING CLOTH, S. K. ELLIOTT CO. PGH. PA.

Dist No.	State Proj No.	Fed Aid Proj No.	Fiscal Year	County	Sheet No.	Total Sheets
9	3600	FAWS 2197 624B	34 35	Summers	2	151

PLAN — SCALE 1" = 50' — HORIZ. DATUM ASSUMED — VERT. DATUM ASSUMED — NOTE: ROOT CORRECTED TO BUT HORIZ. — 56

PROFILE — SCALE HORIZ. 1" = 50' VERT. 1" = 10' — VERT. DATUM ASSUMED — NOTE: ROOT CORRECTED TO BUT HORIZ. — 58

P.I. 276+80.40
Δ 10°03'
D 4°00'
R 1432.39
T 125.95
L 251.25

P.I. 277+31.45
Δ 10°03'
D 4°00'
R 1432.6
T 125.95
L 251.26

P.I. 277+54.45

P.I. 278+62.44 - VOID

P.I. 279+18.44 - VOID

P.I. 280+05.70

P.I. 281+63.11

P.I. 282+19.44 - VOID

P.I. 283+93.40
Δ 39°50'
D 10°00'
R 573.00
T 174.26
L 398.23
P.C.C. 283+93.40
P.I. 285+92.60
Δ 35°52'
D 8°00'
R 716.20
T 232.40
L 449.58

P.I. 287+42.98

Sta. 273+05
Build 18" RCP Culvert
38' Long Skd. Hdwll on Rt.

Sta. 276+40
Build 24" RCP Culvert
76' Long Skd. Hdwll on Rt.

Sta. 279+00
Build 18" RCP Culvert
60' Long Skd. Hdwll on Rt.

Sta. 284+00
Build 18" RCP Culvert
60' Long Skd. Hdwll on Rt.

4" Hickory

5" Elm

Twin Maple

3" Ash

5" Dogwood

10" Beech

W. R. NEELY

APPALACHIAN ELECTRIC POWER CO

Creek Change

PIPESTEM Ft. CREEK

S 6° 47' E

S 16° 49' 30" E.

S 52° 48' E

ADOPTED LINE: S 31° 50' E

End Project F.A. 61 Sta. 273+70.00
Beg. Project 3500-FAWS.2197-624B

W. R. NEELY

Excav 348 Cu Yds
Embank 820 " "
Balance 116 %

Waste 509 C.Y.

Excav 3069
Embank 3253
Balance 110 %
Borrow 509 from Proj. 61

Excav 7892 Cu Yds
Embank 8316 " "
Balance 95 %

+5.188 %

-3.651 %

+3.307 %

400' V.C.

400' V.C.

P.I. 1496.80

273+025 P.I. 1474.80

B.M. No 13, Elev. = 1487.64
Nail in root of Beech, 60' left Sta. 283+95.

1500
1490
1480
1470

1481.09 1483.53 1486.42 1488.74 1490.50 1491.97 1492.38 1492.50 1492.57 1492.04 1491.29 1490.12 1469.13 1488.17 1487.49 1486.39 1485.44 1484.39 1483.11 1481.31 1479.86 1479.90 1476.47 1478.38 1478.43 1478.89 1480.05 1480.80 1482.26 1483.58 1484.71 1486.39 1488.3 1489.83 1491.54 1493.27 1494.96

270 271 272 273 +30 +70 274 +40 +82 275 +20 +20 +55 +85 276 +19 +40 277 +55 +71 278 +75 +45 279+025 +53 280+03 +53 281 +28 +60 282 +53 283+055 +57 284+085 +61 285 +12

PLATE 11 PLAN-PROFILE U.S.B.R. STANDARD

Dist. No.	State Proj. No.	Fed. Aid Proj. No.	Fiscal Year	County	Sheet No.	Total Sheets
9	3500	RW-S 2197 8248	34 35	Summers	4	151

APPALACHIAN ELECTRIC POWER CO

P.I. 283+95.60
Δ 35°53'
D 8°00'
R 716.20
T 232.49
L 440.58

VOID
P.I. STA. 283+93.40
Δ 33°50'
D 10°00'
R 573.00
T 174.26
L 338.33

VOID P.T. 286+12.09

REV. P.T. 286+57.47

Pl. N 27°39 E

W.R. NEELY

285+00.

Sta 287+55 Build 18" R.C.P. Culvert 86' Long Skd. Hdwll. on Rt.

Sta 289+80 R.C.P. Culvert 60' Long Skd. Hdwll. on Rt.

Centerline Shaw Creek Change

Pipestem

200.00

75' Str. Fr. Dwg.

ADOPTED LINE

S 52°48' E

Creek Change

30'

95'

271°37'

76.22

R 60.46

325

6" Hemlock.

Appalachian Electric Power Co.

Pl. 287+74
57.93 NW

Prop. Line S 43°00' W 287+60.0

W.R. NEELY

REV. P.C. 291+96.10

VOID P.C. 292+16.91

VOID
P.I. STA. 294+40.30
Δ 42°36'
D 10°00'
R 573.00
T 223.39
L 426.00

℄
P.I. 294+31.96
Δ 44°44'
D 10°00'
R 572.96
T 235.77
L 447.33

8" Sycamore.

15" Sycamore.

58.82

58.25

300+00.

Sta 296+70 Build 18" R.C.P. Culvert 50' Long Skd. Hdwll. on Rt.

75' Str. Fr. Dwg.

Coal House

Creek Change

30'

90'

REV. P.T. 296+43.52

P.O.T. 296+42.91

Eqv. 1851

Appalachian Electric Power Co.

Creek.

S 8°04' E

300+00

1491.96 1495.80 1496.91 1498.10 1498.43 1505.53 1501.77 1503.09 1503.92 1505.08 1506.90 1507.59 1508.42 1509.03 1510.57 1512.06 1513.71 1514.87 1516.14 1517.27 1518.04 1518.65 1519.38 1519.74 1519.85 1519.96 1519.96 1519.96 1519.96 1519.96 1519.96 1519.96 1519.96 1519.96 1519.96 1519.96 1519.96 1519.96 1520.42 1521.79

Excav 4975
Emb 4852
Bal 103 %

Excav 2248
Embank 2044
Balance 110 %

Excav 3250
Embank 2904
Balance 112 %

EQUALITY

1530 1520 1510 1500 1490 1480

+3.307%

+0.00%

+1.84%

Pl. 1579.96
300 VC

200 VC

296+42.91
1509.3

Pl. 1581.11
B.M. No. 14 Elev. 1516.72
Nail in root 14" locust 60 left sta. 298+20.

285 +12 1497.5
+325 1498.8
+71 1496.8
286 +07 1497.3
+17 1496.5
+62 1493.3
287 +18 1493.0
+58 1490.2
+83 1496.3
288 +18 1495.0
+73 1513.7
+94 1512.5
289 +9 1510.2
+39 1511.3
+84 1509.7
290 +29 1507.3
+79 1513.2
291 +44 1517.6
+64 1523.3
+57 1523.9
292 +31 1525.0
+64 1523.8
293 +16 1530.1
+55 1522.3
294 +065 1525.6
+65 1518.0
+97 1513.5
295 +42 1520.6
+65 1515.5
296 +23 1511.1
+42.91 1509.3
+6.42 1509.3
+30 1510.0
297 1512.6
1514.0
1516.8
298 1517.4
299 1518.7
300

PLATE I PLAN-PROFILE P. P. E. STANDARD

SUSSMAN DIETZGEN CO. / SYRACUSE, N.Y.

Dist No.	State Proj No	Fed Aid Proj No	Fiscal Year	County	Sheet No.	Total Sheets
9	3500	P.W.S. 2197 824B	34 35	Summers	5	157

PLAN — SURVEYED / PLOTTED / DRAWN / CHECKED / NOTE BOOK / No. — 56

PROFILE — SURVEYED / PLOTTED / DRAWN / CHECKED / NOTE BOOK / No. — 58

18"Sycamore.
4"Hemlock.
Creek.
Pipestem
Appalachian Electric Power Co.
Appalachian Electric Power Company
W. D ENES
W. D. Enes.
300+00
306+00
310+00
Sta. 304+16 Build 18" R.C.P. Culvert 34' Long Std. Howilan Rt
Sta. 306+00 Build 18" R.C.P. Culvert 34' Long Std. Howilan Rt
Sta. 311+00 Build 18" R.C.P. Culvert 44' Long Std. Howilan Rt
ADOPTED LINE
S 8°04' E
VOID-P.C. 306+93.47
REV. P.C. 307+60.21
P.I. 309+60.40
Δ 31°14'
D 8°00'
R 716.20
T 200.19
L 390.42
VOID
P.I. 309+60.40
Δ 31°14'
D 6°00'
R 955.0
T 266.93
L 520.53
REV. P.T. 311+59.69
Proj. Line - N 30°45' W
311+72.1
P.T. 312+14.00 = Ahead
P.O.T. 312+47.37 Back
S 23°10' E
VOID-P.C. 313+13.35
REV. P.C. 314+71.20
Sta. 315+00 Build 18" R.C.P. Culvert 60 Long Std. Howilan Rt
5"Sycamore.
18"Apple
Creek Change
P.O.T. 314+56.76
P.I. 324+18.38
Δ 40°02'
D 2°15'
R 2549.77
T 927.64
L 1779.25
EXCAV 2140
EMBANK 1945
BALANCE 110%
EXCAV 3237
EMBANK 2910
BALANCE 111%
EQUALITY
+1.8344%
+1.563%
266 YE
312+14.40 PT = 312+47.37 POT
1560
1550
1540
1530
1520
1510
300 301 302 303 304 305 306 307 308 309+01 310+02.5 311+03 312 313 314 315
+46.32 +99 +51.5 +52.5 +53.2 +85 +14
1518.7 1520.9 1522.4 1523.4 1527.4 1530.5 1534.1 1535.2 1534.9 1534.6 1534.7 1535.1 1534.8 1536.8 1538.5 1543.2 1546.8 1542.6 1540.2 1539.2 1540.3 1542.3 1548.0 1546.5 1546.4 1548.5 1548.9 1540.4 1539.9 1541.0 1542.4
1521.78 1523.71 1525.45 1526.36 1527.28 1528.20 1529.41 1530.03 1530.95 1531.87 1532.79 1533.70 1534.62 1535.54 1536.45 1537.38 1538.91 1539.28 1540.16 1541.09 1542.01 1542.93 1543.67 1544.11 1544.11 1544.75 1545.62 1546.45 1547.65 1548.43 1549.24

Dist. No.	State Proj. No.	Fed. Aid Proj. No.	Fiscal Year	County	Sheet No.	Total Sheets
9	3500	F.W.S. 297 824 B	34 35	Summers	16	151

Rev. P.C. 314+31.22

315+00

70'

70'

30'

30'

P.C. 314+35.15

Pipestem

320+00

325+00

330+00

P.I. 324+18.98
Δ 40°02'
D 2°15'
R 2549.97
T 927.69
L 1779.25

VOID
P.I. 324+18.98
Δ 40°02'
D 2°00'
R 2865.50
T 1043.65
L 2001.67

W. D. Enes.

Sta 318+50
Build 18" R.C.P. Culvert
34' Long Std. Hdwl. on Rt.

Sta 321+50
Build 18" R.C.P. Culvert
50' Long Std. Hdwl. on Rt.

Sta. 325+65
Build Std 4:1 5 Conc. Box Culvert Type "A"
33' Long Wingwalls both ends.

Creek.

W. D. Enes.

Sta 328+75
Build 18" R.C.P. Culvert
60' Long Std. Hdwl. on Rt.
1'-2' French Drain
Under Pipe.

ADOPTED LINE

S 23°10' W 944.6

N 78°35' W. 342.80

W. D. Enes.

W. D. Enes.

P.O.S.T.

29.28

311.20

P.O.S.T.

732.45

S 16°52' E

EXCAV 488 C.Y.
EMBANK 407 C.Y.
BALANCE 115 %

Exc 299
Emb 264
Bal 113%

Exc 6
Emb 551
Bal 110%
Needed 600

EXCAV 284 C.Y.
EMBANK 259 C.Y.
BALANCE 110 %

400' V.C.

+1.563%

+1.563%

+4.984%

P.I. 1563.74

C.M. No. 15 Elev. 1576.64
Nail in root of apple, 100' left sta 328+40.

1590
1580
1570
1560
1550
1540

| | | |

Dist. No.	State Proj. No.	Fed. Aid Proj. No.	Fiscal Year	County	Sheet No.	Total Sheets
9	3500	Rw-3 2197 B248	34 35	Summers	7	151

330+00

VOID
P.I. 324+18.98
Δ 40°02'
D 2°00'
R 2865.50
T 1043.65
L 2001.07

P.I. 324+18.98
Δ 40°02'
D 2°15'
R 2549.97
T 927.69
L 1779.25

Rev. P.T. 332+70.54

333+86.50 Back =
P.T. 333+77.02 Ahead

335+00

W. D. Enes.

Sta 337+25
Build 18" R.C.P. Culvert
34' Long Slathill on Rt.

P.O.T. 338+38.77

340+00

Sta 338+80
Build 36" R.C.P. Culvert
34' Long Slathill on Rt.

G. F. Wyatt.

P.O.T. 342+15.22

Sta 343+45
Build 18" R.C.P. Culvert
Rt. Long Slathill on Rt.

345+00

pipestem

creek.

ADOPTED LINE.

S-16°52'E.

254°07'

244°06'

Dig ditch along top of slope on Right from Sta 331+50 to 337+00

3" Hickory.

5" Paw Paw.

6" Paw Paw.

4" Poplar.

3" W. Oak.

6" Sourwood

Prop. Line N 68°35' E
333+50

W. D. Enes.

G. F. Wyatt.

EXCAV 3787 C.Y.
EMBANK 3405 C.Y.
BALANCE 110 %

Exc 600
Emb 0
Bal 110%

Waste - 438 at
sta 321+03 - 324+05
Overhaul 1521 Sta. Yds.

EQUALITY

EXCAV 4187 C.Y.
EMBANK 3740 C.Y.
BALANCE 112 %

+4.984

+4.984

-1.762%

P.I. 1628.72

300 V.C.

333+77.02 P.T. =
= 333+86.50 P.O.T.

1600
1590
1580

1630
1620
1610
1600

1591.27 1593.77 1596.28 1598.78 1601.29 1603.79 1606.30 1608.78 1610.14 1612.02 1616.27 1619.01 1621.96 1624.01 1625.73 1626.54 1626.74 1626.64 1626.39 1626.08 1625.20 1624.32 1623.44 1622.63 1621.67 1620.73 1619.82 1618.77 1618.24 1617.27 1616.34 1615.51

1594.6 1587.8 1591.0 1598.5 1606.1 1611.5 1609.5 1616.4 1618.8 1621.1 1623.3 1622.1 1626.3 1627.6 1626.2 1623.7 1627.8 1629.8 1629.5 1628.5 1628.5 1622.9 1622.6 1619.9 1618.6 1617.8 1610.8 1611.7

330+08 +82 331 +85 +87 332 +92 333 +09.5 +53.2 334 +15 335 +55 336 +15 +65 337 338 +38.77 +55 339 +80 340 341 342 +22.32 +55 343 +15 +45 344 345

PLATE I PLAN-PROFILE S. P. R. STANDARD

EUGENE DIETZGEN CO. CHGO. N. Y.

Dist. No.	State Proj. No.	Fed. Aid Proj. No.	Fiscal Year	County	Sheet No.	Total Sheets
9	3500	P.W.S. 2197 8248	34 35	Summers	8	151

345+00

350+00

355+00

360+00

O. F. Wyatt.

John L. Neely.

pipestem

Creek.

Sta. 346+00
Build 18" R.C.P. Culvert
60' Long Std Hdw. Il on Rt

CREEK CHANGE

70'

70'

25'

30'

30'

40'

40'

40'

30'

S-16°52'E.

Spring.

Sta 354+35 Dig Outlet Ditch.
Build 18" R.C.P. Culvert
34' Long Std Hdwll on Rt

1-Sty Fr. bng.

Sta 356+95
Build 24" R.C.P. Culvert
34' Long Std Hdwll on Rt

P.O.T. 357+41.960

Well.

268°42'

Sta 339+20
Build 18" R.C.P. Culvert
44' Long Std Hdwll on Rt

Fr. Shed

40'

30'

10' Apple.

4' Apple.

15' Apple.

S 70°00' W. 208.0' to Property Line. Sta 348+00

O. F. Wyatt.

John L. Neely.

EXCAV 7347 C.Y.
EMBANK 6389 C.Y.
BALANCE 115 %

B.M. No. 16 Elev. = 1614.32
Nail in root 8" walnut 130' left sta. 345+45

600' V.C.

500' V.C.

+7.0%

-4.085%

P.I. 1610.22

P.I. 1671.47

Change to 3%

1670
1660
1650
1630
1620
1610

345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360

Dist. No.	State Proj. No.	Fed. Aid Proj. No.	Fiscal Year	County	Sheet No.	Total Sheets
9	3500	RWS. 217 824B	34 35	Summers	9	151

Revised 1/23/35

PLAN — SURVEYED ____ DRAWN ____ TRACED ____ CHECKED ____ NOTE BOOK ____ NO. 56

PROFILE — DRAWN ____ TRACED ____ CHECKED ____ NOTE BOOK ____ NO. 58

360+00

Sta 362+50 Build 18" RCP Culvert 36' Long Skid Headwall on Rt.

P.O.T. 363+95.50

P.O.T. 364+11.71

365+00 Sta 365+25 Build 18" RCP 36' Long Skid Headwall on Rt.

John L. Neely.

Creek.

pipestem

370+00

John L. Neely.

S-16°52'E.

191°05'

275°56'

Fe Stable

30'

30'

200.00

203°06'

6" Buckeye.

5" Hemlock.

24" Elm

P.C. 365+26.05

John L. Neely.

John L. Neely.

3'

3.5'

3'

30'

Sta 375+00 Build 18" RCP Culvert 42' Long Skid Headwall on Rt.

P.I. 376+91.01
Δ 68°18'
D 9°20'
R 1718.87
T 1163.99
L 2049.00

EXCAV. 5557 C.Y.
EMBANK 5200 C.Y.
BALANCE 115 %

EXCAV. 3764 C.Y.
EMBANK 3273 C.Y.
BALANCE 115 %

P.I. Vc. 17 E(ex)-1651.05 is 0.8' ey(above) 18° right sta 366+90.

400' V.C.

-4.085 %

+2.2 %

362+752 P.I. 1646.96

200 V.C.

+3.5 %

Adopted Grade

Orig. Grade

P.T. 1669.51

1680
1670
1660
1650

360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375

EUGENE DIETZGEN CO., CHGO., N.Y.

PLATE I-PLAN-PROFILE U. S. F. A. STANDARD

Dist. No.	State Proj. No.	Fed. Aid Proj. No.	Fiscal Year	County	Sheet No.	Total Sheets
9	3500	A.W.S. 2197 B248	34 35	Summers	10	15

Revised 1/23/35

PLAN
SURVEYED
PLOTTED
GRADES CHECKED
ALIGNMENT CHECKED
RIT. OF WAY CHECKED
NOTE BOOK
NO. 56

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
ALIGNMENT CHECKED
RIT. OF WAY CHECKED
NOTE BOOK
NO. 58

Sta. 375+00 Build 18' R.C.P. Culvert 42' Long Skd Headwall on Rt.

Sta. 376+50 Build 18' R.C.P. Culvert 42' Long Skd Headwall on Rt.

Sta. 386+50 Build 18' R.C.P. Culvert 60 Long Skd Headwall on Rt.

John L. Neely.

John L. Neely.

J. C. Farley.

Mrs. Willie Martin.

Hip Roof Line

Pipestem

Creek Change

Creek.

Prop. Line N 50° 15' W. 380+20.0

60.83

82.00

504.36

311.77

S 87° 26' W.

P.I. 385+74.02

4" Hickory.

6" Maple.

8" Maple.

P.I. 376+91.01
Δ 68° 18'
D 3° 20'
R 1718.87
T 1163.99
L 2043.0

EXCAV 846 C.Y.
EMBANK 736 C.Y.
BALANCE 115 %

Exc 367
Emb 319
Bal 115%

EXCAV 8465 C.Y. (Inc 2050 C.Y. Cr. Change)
EMBANK 7680 C.Y.
BALANCE 110 %
Overhaul

Adopted Grade
Original Grade
+3.5%
+2.65%
+0.92%
+0.92%
+1.6%
+1.6%
200' V.C.
200 V.C.
Elev. in Grade

B.M. No. 18 Elev. - 1623.06
Nail in root 8" Buckeye, 50 left sta. 387+65.

EUGENE DIETZGEN CO. / CHGO. N. Y.

PLATE I-PLAN-PROFILE U. S. STANDARD

Dist. No.	State Proj. No.	Fed. Aid Proj. No.	Fiscal Year	County	Sheet No.	Total Sheets
9	3500	P.W.S 2197 B2AB	34 35	Summers	11	151

330+00

Sta. 391+00
Build 18" RCP Culvert
46' Long Std. Hdwll on Rt.

Mrs. Willie Martin.

395+00

Sta. 395+10
Build 18" RCP Culvert
52' Long Std. Hdwll on Rt.

Sta. 397+75
Build 18" RCP Culvert
48' Long Std. Hdwll on Rt.

400+00

Sta. 400+25
Build 30" RC.P.C. Culvert
34' Long Std. Hdwll on Rt.

J. C. Farley.

405+00

Sta. 403+00
Build Std. 18" RCP Culvert
36' Long Std. Hdwll on Rt.

2-Sty. Fr. Dwg.

pipestem

Creek.

263°15'

S-51°26'W.

Fr. Barn.

8" Walnut

J. C. Farley.

EXCAV 1980 C.Y.
EMBANK 1784 C.Y.
BALANCE 111 %

EXCAV 598 C.Y.
EMBANK 515 C.Y.
BALANCE 116 %

1704.06 1704.86 1705.66 1706.53 1707.53 1708.66 1709.93 1711.33 1712.86 1714.46 1716.06 1717.66 1719.26 1720.86 1722.98 1725.26 1724.86 1726.46 1728.06 1729.66 1730.78 1732.22 1733.66 1735.26 1736.86 1738.40 1740.06 1741.66 1743.26 1744.86 1746.46 1748.06

Pl 1708.06

300' V.C.

+1.6%

+3.20%

1720
1710
1700

1702.2 1703.2 1703.0 1703.2 1704.2 1706.5 1707.8 1710.1 1710.7 1712.5 1714.0 1715.7 1718.0 1719.3 1716.6 1719.2 1719.8 1725.5 1733.7 1736.7 1735.7 1733.0 1737.1 1738.0 1742.2 1741.9 1741.1 1740.1 1741.6 1743.5 1741.6 1750.3

390 391 392 393 394 395 396 485 397 398 399 460 400 401 402 403 404 405

1760
1750
1740

PLATE 1-PLAN-PROFILE U. S. P. R. STANDARD

PLAN
SURVEYED
LOCATION
PLANS CHECKED
R. R. L. NOTE
STRUCTURES CHECKED
RT. OF WAY CHECKED
NOTE BOOK
NO. 36

PROFILE
NOTE BOOK
NO. 58

DATE
BY

EUGENE DIETZGEN CO. CHGO. N. Y.

Dist. No.	State Proj. No.	Fed. Aid Proj. No.	Fiscal Year	County	Sheet No.	Total Sheets
9	3500	RW-S 2197 (8) 28 D	34 35	Summers	12	151

2-Sty. F.F. Dwg.

405+00

Sta. 405+92 Build 36" R.C.P. Culvert 40' Long Std. Hdwll. on Rt.

P.O.T. 408+45.67

Sta. 409+25 Build 18" R.C.P. Culvert 48' Long Std. Hdwll. on Rt.

410+00

J. C. Farley.

Sta. 411+90 Build 18" R.C.P. Culvert 48' Long Std. Hdwll. on Rt.

S- 51° 26' W.

415+00

P.O.T. 416+50.00

248°28'

Sta. 416+50 Build 18" R.C.P. Culvert 58' Long Std. Hdwll. on Rt.

R. W. Keaton.

Pipestem Creek.

420+00

30'

35'

40'

J. C. Farley.

12" Twin Chas. Oak.

417+22.0

Prop. Line N. 37°-25 W.

R. W. Keaton

1748.06 1749.66 1751.26 1751.74 1752.54 1754.46 1756.06 1757.63 1758.43 1759.43 1759.99 1760.30 1760.59 1761.72 1762.22 1762.56 1763.40 1764.04 1764.63 1765.14 1765.63 1766.33 1766.86 1767.22 1767.83 1768.36 1768.90 1769.22 1769.60 1769.91 1770.61 1771.05 1771.58

Exc 810
Emb 704
Bal 115%

B.M. N° 19 Elev. 1754.84
Nail in side 8" Iron Buckeye
65' left Sta. 408+05.

EXCAV 1745 C.Y.
EMBANK 1517 C.Y.
BALANCE 115 %

EXCAV 1798
EMBANK 1605
BALANCE 110 %

+ 3.20%

+ 1.073 %

PI 1753.27

200 VC

1760
1750
1740

1780
1770
1760

1750.3 1748.8 1746.8 1749.5 1753.1 1757.5 1759.0 1757.6 1756.3 1762.0 1758.1 1762.8 1756.6 1757.5 1760.0 1757.8 1757.3 1758.4 1761.0 1764.0 1765.1 1768.1 1765.1 1776.2 1776.0 1778.5 1776.3 1773.0 1772.9 1763.0 1770.5 1758.8 1758.7 1758.9

405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420

EUGENE DIETZGEN CO., CHGO. N. Y.

PLATE I-PLAN-PROFILE A. P. R. STANDARD

Dist. No.	State Proj. No.	Fed. Aid Proj. No.	Fiscal Year	County	Sheet No.	Total Sheets
9	3500	RW-S 2(97 34 B248 35		Summers	13	151

Revised 10/24/35

PLAN
SURVEYED
NOTE BOOK
NO. 56
BY
DATE
ALIGNMENT CHECKED
RT. OF WAY CHECKED

PROFILE
PLOTTED
NOTE BOOK
GRADES CHECKED
P.I. NOTE BOOK
NO. 58
BY
DATE
STRUCTURES CHECKED

420+00

R. W. Keaton.

Sta 423+30
Build 36"x51"Conc Box Culvert Type A"
46 Long Wingwalls both ends

425+00

P.O.T. 425+97.16

430+00
P.O.T. 430+05.00

John A. Hill

Sta 433+10
Build 18" R.C.P. culvert
54' Long 30° Hdwll on Rt

435+00

Pipestem

40'
30'
70'

Creek Change

25'

Creek.

S 51° 26' W.

Creek Change

25'
70'
30'

R. W. Keaton.

431+20.0
Prop. Line
N 47° 10' W.

John A. Hill.
DB 67/347

Original Balance
Exc. 6790 Cu. Yd.
Emb. 5890 Cu. Yd.
Bal. 115%

Original Balance
Exc. 2050 Cu. Yd.
Emb. 1776 Cu. Yd.
Bal. 115%

400 V.C.

V.C. 1000'

+5.00%

+1.073%

Adopted Grade Line

P.I. 1781.81
P.N.N.° 20 Elev. 1793.43
Null 17 Side 6" hemlock, 45° left
Sta. 429+80.

P.I. 1782.58

Revised Balance
Exc. 909 Cu. Yd.
Emb. 826 Cu. Yd.
Bal. 110%

909

1810
1800
1790
1780
1770
1760
1750

1771.58 1772.62 1773.59 1774.11 1774.54 1774.85 1774.91 1775.14 1775.59 1776.82 1776.72 1777.03 1777.32 1778.11 1778.82 1779.46 1780.20 1780.91 1781.67 1782.39 1782.96 1783.17 1783.59 1784.13 1784.80 1785.38 1785.73 1786.43 1786.38 1786.49 1786.81 1787.27 1787.81 1788.25 1788.43 1788.73 1788.81 1788.67 1789.07

1758.9 1761.2 1762.4 1765.7 1765.1 1767.6 1765.1 1766.2 1770.2 1775.2 1776.1 1776.6 1777.5 1791.6 1800.8 1774.5 1774.6 1774.8 1778.3 1779.6 1780.4 1782.0 1786.1 1784.2 1787.0 1789.1 1790.0 1792.0 1793.5 1793.3 1796.2 1793.0 1800.8

420 | +85 | A21 | +40 | +80 | 422 | +30 | +80 | 423 | +80 | 424 | +80 | 425 | +25 | 426 | 427 | 428 | 429 | 430 | +05 | 431 | 432 | 433 | +10 | 434 | 435

EUGENE DIETZGEN CO. CHGO. N. Y.

PLATE 1-PLAN PROFILE S. P. R. STANDARD

Dist. No.	State Proj. No.	Fed. Aid Proj. No.	Fiscal Year	County	Sheet No.	Total Sheets
9	3500	RW-S 2197 B248	34 35	Summers	14	151

Grade Revised 10/24/35.

PLAN — SURVEYED: PLOTTED: ALIGNMENT CHECKED: REPORT CHECKED: NOTES: — DATE: BY: — SHEET NO. 56

PROFILE — SURVEYED: NOTE BOOK: PLOTTED: NOTES: — DATE: BY: — SHEET NO. 58 & 59

435+00

Creek.

70' Pipestem

Sta 437+90 Build 18" R.C.P. Culvert 36' Long Std. Hdwll. on Lt.

5-51°26' W.

262°05'

P.O.T. 439+09.10

440+00

John A. Hill.

Sta 442+85 Build 18" R.C.P. Culvert 68' Long Std. Hdwll. on Rt.

5" Hickory.

10" W. Oak.

4.36

18.80

66.31

11°25

135°07'

445+00

Sta 446+00 Build 18" R.C.P. Culvert 42' Long Std. Hdwll. on Rt.

Pipestem

5-76°32' W.

John A. Hill.

450+00

Sta 449+50 Build 18" R.C.P. Culvert 42' Long Std. Hdwll. on Rt.

Creek Change

Creek.

15" Hickory.

4" W.O.

4" W.O.

41.82

41.82

0.00

4.00

4" W.O.

John A. Hill.

P.C. 440+35.27

1740

P.I. 444+14.15
Δ 25°06'
D 4°00'
R 1432.50
T 318.88
L 627.50

P.T. 447+22.77

John A. Hill.

Original Balance
Exc. 614.4 Cu. Yds.
Emb. 5627 Cu. Yds.
Bal. 109 %

Original Balance
Exc. 411 CY.
Emb. 365 C.Y.
Bal. 113 %

Original Balance
Exc. 702 CY.
Emb. 611 C.Y.
Bal. 115 %

Original Balance
Exc. 2189 Cu. Yds.
Emb. 1980 Cu. Yds.
Bal. 111 %

B.M. No. 21 Elev. 1810.32
Nail in root 6" Crab-apple 70' left Sta. 437+80.

Revised Balance
Exc. 1294 Cu. Yd.
Emb. 1164 Cu. Yd.
Bal. 111 %

Adopted Grade

+5.806%

+5.00%

-4.00%

+3.30%

300' V.C.

P.I. 1856.81

P.I. 1853.81

V.C. 850' 760' V.C.

P.I. 1835.21

Revised Balance
Exc. 938 Cu. Yd.
Emb. 907 Cu. Yd.
Bal. 110%

1850
1840
1830
1820
1810
1800

1800.8 1803.9 1804.9 1803.8 1804.5 1802.8 1811.8 1827.7 1828.4 1834.9 1843.0 1842.8 1834.10 1847.4 1852.1 1835.27 1848.7 1848.7 1850.0 1842.10 1841.9 1837.6 1840.2 1834.56 1851.3 1854.2 1855.6 1853.6 1847.8 1847.3 1848.8 1849.8 1847.7 1850.8 1844.0 1842.7 1837.1 1842.0 1838.0 1834.8 1835.8 1839.2

435 436 438 439 440 441 442 443 444 445 446 447 448 449 450

EUGENE DIETZGEN CO., CHGO., N. Y.

PLATE I-PLAN-PROFILE S. P. R. STANDARD

Dist. No.	State Proj. No.	Fed. Aid Proj. No.	Fiscal Year	County	Sheet No.	Total Sheets
9	3500	RW,S 8197 8248	34 35	Summers	15	157

~~Grade Revised 10/24/35.~~

PLAN — SURVEYED, PLOTTED, NOTE BOOK, GRADES CHECKED, R. W. NOTES, DETAILS CHECKED, RT. OF WAY CHECKED, DATE, BY — NOTE BOOK No. 56

PROFILE — SURVEYED, PLOTTED, NOTE BOOK, GRADES CHECKED, R. W. NOTES, DETAILS CHECKED, DATE, BY — NOTE BOOK No. 59

450+00

Creek Protection Enrockment

Little Pipestem Creek.

Sta 452+00 Build 18" R.C.P. Culvert 42' Long Std Headwall on Rt

John A. Hill.

455+00

P.C. 455+71.19

P.I. 458+17.55
Δ 14°42'
D 3°00'
R 1910.00
T 246.36
L 490.00

Sta 457+90 Build 18" R.C.P. Culvert 40' Long Std Headwall on Rt.

460+00

P.T. 460+61.19

Sta 461+25 Build 18" R.C.P. Culvert 50' Long Std Headwall on Rt.

John A. Hill.

Sta 464+05 Build 18" R.C.P. Culvert 34' Long Std Headwall on Rt

465+00

Creek Change

Pipestem Creek

S-76°32'W.

S-61°50'W.

230°30'

8" Apple.

John A. Hill.

John A. Hill.

BB 67/347

Original Grade elev. good.

EXCAV 1960 C.Y.
EMBANK 1930 C.Y.
BALANCE 102 %

C.M. No. 22 Elev. 1852.60 16" I.P. 18" walnut 100' Rt. Sta. 452+25.

+3.30%

Original Balance
Excav. 3568 Cu. Yds.
Embank. 3374 Cu. Yds.
Bal. 106%

+5.355

Revised Balance
Exc. 1518 Cu. Yds.
Emb. 1300 Cu. Yds.
Bal. 117%

1850
1840
1830
1900
1890
1880
1870

450 1838.2 | 1838.2 | 1837.7 | 1839.8 | 451 | 1838.8 | 1841.0 | 1842.0 | 1842.7 | 452 | 1847.1 | 1849.4 | 453 | 1852.9 | 1857.5 | 1858.9 | 454 | 1859.2 | 1861.4 | 1863.5 | 455 | 1866.1 | 1864.1 | 1865.8 | 456 | 1859.1 | 1860.0 | 1862.1 | 457 | 1862.5 | 1864.4 | 1864.0 | 458 | 1866.4 | 1867.4 | 1870.0 | 459 | 1870.5 | 1872.1 | 460 | 1873.9 | 1880.5 | 1880.5 | 461 | 1885.8 | 1885.6 | 462 | 1871.0 | 1871.8 | 463 | 464 | 465

EUGENE DIETZGEN CO. CHGO. N. Y.

PLATE I-PLAN-PROFILE S. P. R. STANDARD

Dist. No.	State Proj. No.	Fed. Aid Proj. No.	Fiscal Year	County	Sheet No.	Total Sheets
9	3500	P.W.S. 2197 824B	34 35	Summers	16	151

~~Grade Revised 10/24/35.~~ " " 3/23/36

B&P Engineering Production

LEVI NEELY

John A. Hill.

John A. Hill.

Mrs. Mose Meadows.
D B 66/206

4+85+00

P.O.T. 468+62.40

4+70+00

P.O.T. 473+30.80

4+75+00

P.O.T. 477+52.75

Creek

Pipestem

Sta 468+30
Build 18" R.C.P. Culvert
44' Long Std. Hdwll. on Rt.

Sta 471+25
Build 24" R.C.P. Culvert
54' Long Std. Hdwll. on Rt.

Sta 475+60
Build 18" R.C.P. Culvert
82' Long Std. Hdwll. on Rt.

Sta 480+05.97
Build 18" R.C.P. Culvert
56' Long Std. Hdwll. on Rt.

4" Maple.

6" Apple.

6" Apple.

100.00

18.70

100.20

43°-30'

S-61°-50'-W.

Channel Change

Channel Change

Creek is Pl.

1-Sty. Fr. Dwg.

Apple Orchard.

Creek.

Prop. Line N 17°-35' W.
470+63.00

P.C. 480+05.97

P.I. 482+75

30' 35' 30' 35' 30' 35' 30' 90' 30' 90' 30' 30' 70' 70' 30'

Original Elev. good to →

1903.10 1903.50 1907.61 1909.16 1910.33 1913.19 1916.38 1919.47 1922.56 1925.65 1927.19 1928.67 1931.33 1933.52 1934.35 1936.12 1937.12 1937.69 1937.83 1937.72 1937.38 1936.54 1935.69 1934.66 1933.73 1933.40 1933.23 1933.00 1932.95 1932.95 1933.09 1933.28 1933.65

Original Balance
Excav. 660 Cu. Yds.
Embank. 622 Cu. Yds.
Bal. 106 %

Revised Balance
Exc. 893 Cu. Yds.
Emb. 768 Cu. Yds.
Bal. 117 %

EXCAV 2886 C.Y.
EMBANK 2526 C.Y.
BAL 114 %

EXC. 573
EMB 498
BAL 118%

Exc 284
Emb 247
Bal 115%

V.C. 200'

Rev. -1.898%

Rev. -0.73%

800' V.C.
V.C. 650'

Rev. +6.18%

+5.355%

400' V.C.
V.C. 450'

Rev. 1934.10

Elev. 1907.11

B.M. No. 23 Elev. = 1916.30
Nail in root, 0 Yacust, 100 left sta. 475+65.

Pl. 1928.75

1940
1930
1920
1910
1900
1890

465 +15 1927.8 | 466 +30 1923.3 | 467 +30 1910.5 | 468 +30 1908.2 | 469 +30 1907.0 | 470 +30 1912.1 | 471 +05 1907.3 | 471 +30 1905.3 | 471 +55 1909.2 | 472 +30 1912.0 | 473 +30 1913.8 | 474 +30 1918.0 | 475 +30 1922.5 | 476 +30 1921.5 | 476 +60 1918.3 | 477 +30 1922.6 | 478 +30 1920.1 | 479 +30 1934.5 | 480 +30 1938.0 | 480.88 1943.3 | 481 +30 1942.3 | 482 +30 1938.2 | 483 +30 1934.5 | 484 +15 1926.1 | 485 +40 1921.1 | 486 +60 1916.4 | 487 +30 1923.6 | 488 +40 1930.0 | 489 +30 1934.5 | 490 +32.75 1938.0 | 491 +30 1936.6 | 492 +05 1928.9 | 493 +30 1920.3 | 494 +30 1928.8 | 495 +15 1928.8 | 496 +40 1922.5 | 497 +30 1924.2 | 498 +30 1926.6

PLAN — NOTE BOOK NO. 56 57

PROFILE — NOTE BOOK NO. 59

EUGENE DIETZGEN CO., CHGO., N. Y.

Dist No.	State Proj. No.	Fed. Aid Proj. No.	Fiscal Year	County	Sheet No.	Total Sheets
9	3500	P.W.S. 2197 8248	39 35	Summers	17	151

Grade Revised 5-25-36

PLAN — SURVEYED / PLOTTED / PLAT CHECKED / BLUE PRINT CHECKED — DATE — BY — JOB BOOK No. 57

PROFILE — SURVEYED / PLOTTED / PROFILE CHECKED / BLUE PRINT CHECKED — DATE — BY — NOTE BOOK No. 59

Sta 480+00
Sta 480+0397
Build 18' RC.P. Culvert
36' Long Std. Headwall on Rt.

4" Pom Pom.
11.20 6" Apple Tree
31.40
12.17

Creek Change
S-61°50'W
100'
70'
30'
40'
3°

Mrs. Mose Meadows.

P.C. 480+05.91
D 3°00'
R 1910.00
T 276.80
L 588.89
P.I. 483+02.77
Δ 17°40'
P.T. 485+34.62

485+00

pipestem

creek is Pk.

Sta 486+40
Build 18' RC.P. Culvert
30' Long Std. Headwall on Rt.

LEVI NEELY

Creek Change
creek.
S-79°30'W.
70'
40'
30'

Mrs. Mose Meadows.

490+00
P.O.T. 490+08.10

Sta 491+50
Build 18' RC.P. Culvert
36' Long Std. Headwall on Rt.

120'
70'
30'
40'

N 20°30' W.
1291.6 Ch.

N 20°30' W.
1289.6 Ch.

P.O.T. 485+00

Mrs. Mose Meadows.

271°30'
30'
50'
40'

I-51 Y Rec.

6" Beech
6" W. Walnut
8" Hemlock.

Mrs. Mose Meadows.

Levi Neely

P.O.L. 485+40.00
N 20°30' W.

EXCAV 4012 C.Y. (Inc 1148 C.Y. Cr. Ch.)
EMBAN 3583 C.Y.
BALANCE 112 %

EXCAV 6831 C.Y. (Inc 691 C.Y. Cr. Ch.)
EMBANK 6210 C.Y.
BALANCE 110 %

P.I. 483+02.77
Δ 17°40'
D 3°00'
R 1910.00
T 276.80
L 588.89

P.I. 485+34.62

P.I. 486+56.30
Δ 17°40'
D 3°00'
R 1910.00
T 276.80
L 588.89

P.I. 490+08.10
Δ 17°40'
D 3°00'
R 1910.00
T 276.80
L 588.89

P.I. 491+96.98
Δ 17°40'
D 3°00'
R 1910.00
T 276.80
L 588.89

P.I. 485+00.00
Δ 17°40'
D 3°00'
R 1910.00
T 276.80
L 588.89

P.O.T. 485+00

P.I. 2009.56

P.I. 1928.76

P.I. 1950.76

300' V.C.

200' V.C.

NC = 6.90

+6.19%

+1.00%

Rev. 7

200' V.C.

1950
1940
1930

2020
2010
2000

1926.6 1931.1 1931.5 1930.2 1931.9 1932.8 1936.7 1933.6 1932.1 1932.4 1933.4 1934.9 1940.7 1948.0 1954.5 1955.1 1955.6 1957.6 1955.6 1949.8 1951.2 1952.2 1954.7 1956.3 1958.9 1963.7 1964.8 1975.2 1968.10 1973.1 1972.4 1982.7 1984.5 1989.4 1990.1 1996.3 2003.2 2007.7 2005.7 2014.0 2021.2 2023.2

480 +05 481 +40 +70 482 +35 +60 +90 483 +30 +60 484 +45 485 +65 +85 486 +40 487 +60 488 +85 489 +85 490 +08.10 +73.1 +20 491 +80 492 +35 +20 +56.3 +70 493 +80 494 +60 495

1923.76 1932.37 1935.09 1935.58 1936.36 1937.46 1937.46 1934.33 1939.33 1939.35 1941.96 1943.16 1944.56 1945.36 1946.76 1949.25 1950.07 1951.31 1953.11 1956.34 1960.5 1963.76 1969.33 1972.43 1975.52 1977.59 1979.11 1981.71 1983.97 1985.11 1987.90 1990.07 1992.23 1995.33 1998.42 2000.50 2003.37 2006.13 2008.21

Rev. 7

EUGENE DIETZGEN CO. CHGO.

PLATE I. PLAN-PROFILE. 8" x 8" STANDARD

Dist. No.	State Proj. No.	Fed. Aid Proj. No.	Fiscal Year	County	Sheet No.	Total Sheets
9	3500	PWS 2197 824B	34 35	Summers	18	151

Revised May 26, 1936

Sta 497+00 Build 18" R.C.P. Culvert 62' Long Std. Hdwll. on Rt.

S. H. Snuffer.

P.O.T. 496+38.35

P.C. 497+63.64 ℄

P.C. 499+73.75 ℄

500+00

Sta 500+50 Build 18" R.C.P. Culvert 34' Long Std. Hdwll. on Rt.

Sta 503+60 Build 18" R.C.P. Culvert 34' Long Std. Hdwll. on Rt.

P.I. 503+48.11 ℄

~~P.I. 503+38.00 ℄~~

Δ 36°11'

D 5°00'

R 1146.0

T 374.36

L 723.67

505+00

Sta 505+50 Build 18" R.C.P. Culvert 50' Long Std. Hdwll. on Rt.

P.I. 506+19.42 ℄

P.O.T. 508+15.81

Sta 509+25 Build 18" R.C.P. Culvert 50' Long Std. Hdwll. on Rt.

510+00

Meadows

Mrs. Mose

LEVI NEELY

Pipestem

6" Beech.

6" W. Walnut.

8" Hemlock.

Property Line N 20°30' W. 408+40.0

N 60° 19' W. 307.40 feet

Old Lot

Levi Neely.

Free Deed

S. H. Snuffer.

Creek.

Creek Change

S 79°30' W.

S 28°10' W. Adopted ℄

18" Gum.

4" Poplar.

18" Maple.

P.I. 510+69.88 ℄

P.I. 510+95.85 ℄

Δ 11°33'

D 3°00'

R 1910.0

T 193.16

L 385.33

P.C. 508+76.84

S. H. Snuffer, LOB 16/9

EXCAV 18.04 C.Y.
EMBANK 1599 C.Y.
BALANCE 113 %

EXCAV. 3981 C.Y.
EMBANK 3620 C.Y.
BALANCE 1.10 %

Rev.
Excav. 3964
Emb 3611
Bal. 110%

EXCAV 1849 C.Y.
EMBANK 1681 C.Y.
BALANCE 110 %

EXCAV 759 C.Y.
EMB 697 C.Y.
BAL 108%

Exc 1598
Emb 1417
Bal 109 %

Rev.
Excav 4121 C.Y.
Emb. 9215 C.Y.
Bal. 110%
Need 6016 C.Y.

P.I. 2009.56

+0.79 3%

200 V.C.

P.I. 2015.11

B.M. No. 25 Elev. 2031.46
Nail in root 20' Beech, 80' right Sta. 501+20

200 V.C.

Rev. Grade + 4.6
+ 3.70 %

V.C. = 200'

+2.62%

2030
2020
2010
2000

2050
2040
2030

2023.0 2023.0 2019.8 2015.4 2010.1 2000.9 2004.4 2001.7 2003.2 2002.3 2003.7 2001.4 2002.8 2009.0 2013.2 2013.7 2017.8 2023.6 2028.3 2028.2 2033.5 2028.7 2022.2 2032.0 2028.0 2025.7 2019.1 2020.5 2023.8 2026.8 2027.8 2028.6 2030.6 2034.8 2037.7 2032.6 2034.1 2032.1 2034.2 2034.4

495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510

EUGENE DIETZGEN CO. Chgo N. Y.

PLATE I PLAN-PROFILE

Dist. No.	State Proj. No.	Fed. Aid Proj. No.	Fiscal Year	County	Sheet No.	Total Sheets
9	3500	FAP-S 2197 824(B)	34 35	Summers	19	151

Revised May 26, 1936

PLAN — SURVEYED: A. COTTEY; COMPUTED: ; NOTE BOOK: ; NO. 57 — DATE; ALIGNMENT CHECKED: ; PROFILE CHECKED: ; R. W. NOTED: ; CONSTRUCTION NOTES CHECKED: ; PROFILE — SURVEYED: ; COMPUTED: ; NOTE BOOK: ; NO. 59 — DATE; ALIGNMENT CHECKED: ; PROFILE CHECKED: ; R. W. NOTED: ; CONSTRUCTION NOTES CHECKED: ;

5" Poplar.

@ 5.53

4" Poplar.

Sta 511+50 Build 18" RCP Culvert 48' Long Std Headwall on Rt.

Sta 515+20 Build 24" RCP Culvert 34' Long Std Headwall on Rt.

Sta 517+45 Build 18" RCP Culvert 62' Long Std Headwall on Rt.

Void P.I. 523+15.98 Δ 21°36' D 2°00' R 2865.0 T 546.50 L 1080.0

Sta 524+50 Build 18" RCP Culvert 36' Long Std Headwall on Rt.

Void P.C. 522+69.48

510+00 515+00 520+00 525+00

pipestem

Creek Change

Creek.

Creek Change

Creek Change

S. H. Snuffer.

S. H. Snuffer.

P.I. 510+69.88 ℄
P.I. 510+99.85 ℄
Δ 11°33'
D 3°00'
R 1910.0
T 193.16
L 385.33

P.T. 512+62.05 ℄

P.T. 512+91.69 ℄

S-54°52'W.

℄ of Creek is P.I.

Prop. Line N 42°00' W. 515+56.0

George Albert.

Pearl Dillon.

Prop. Line N 47°00' W. 523+

B.M.; N° 28 Elev.: 2082.18 No. 11 in root 18" beech; 60' right Sta. 515+60.

EXCAV	3390	C.Y.
EMBANK	3246	C.Y.
BALANCE	104	%

Exc 2285
Emb 2069
Bal 111 %

Exc. 572
EMB. 520 C.Y.
BAL 110 %

Exc 1101
Emb 1000
Bal. 110 %

Excav 2208 C.Y.
Emb 1998 C.Y.
Bal 111 %

V.C. 500'

200' V.C.

+ 2.62 %

+ 3.70 %

+ 4.87 %

Rev. Grade

P.I. 2063.37

P.I. 2070.61

2110
2100
2090
2050
2040
2030

510+25 2034.4 | 510+45 2038.1 | 511 2041.2 | 511+20 2043.0 | 511+95 2045.5 | 512 2053.7 | 512+60 2054.7 | 512+95 2055.6 | 513 2057.6 | 513+20 2060.6 | 514 2057.3 | 514+00 2051.8 | 514+85 2054.1 | 515 2068.2 | 515+95 2065.2 | 516 2065.7 | 516+20 2072.5 | 516+35 2076.5 | 516+85 2076.2 | 517 2070.6 | 517+15 2064.0 | 517+60 2064.2 | 518 2072.5 | 518+40 2076.4 | 519 2078.5 | 519+40 2072.8 | 520 2074.2 | 520+20 2076.3 | 520+85 2086.2 | 521 2083.7 | 521+40 2084.2 | 522 2085.2 | 522+40 2100.2 | 523 2104.2 | 523+20 2102. | 523+85 2112.2 | 524 2110. | 524+40 2108.7 | 525 2110.

Dist. No.	State Proj. No.	Fed. Aid Proj. No.	Fiscal Year	County	Sheet No.	Total Sheets
9	3500	RW-3 2197 8248	34 35	Summers	20	151

525+00

P.I. 528+15.98
Δ 21°36'
D 4°00'
R 1432.39
T 273.23
L 540.00

V.O.I.O
P.I. 528+15.98
Δ 21°36'
D 2°00'
R 2865.0
T 546.50
L 1080.0

530+00

REV. P.I. 530+62.75

Sta 530+70
Build Std 5'x6' Conc. Box Culvert Type 'A'
84' Long Wing Walls both ends

Creek.

P.I. 533+48.43 = Ahead
533+62.82 = Post Back

Sta 533+80
Build 18" R.C.P. Culvert
36' Long Std. Hdwll on Rt.

535+00

P.I. 534+87.30

Sta 535+40
Build 18" R.C.P. Culvert
48' Long Std. Hdwll on Rt.

B. D. Trail.

S. H. Snuffer.

Sta. 526+45
Build 30" R.C.P. Culvert
50' Long Std. Hdwll on Rt.

REV. P.I. 525+42.75

Pipestem.

S 54°52' W.

ADOPTED LINE.

8" Hemlock.
3" Poplar.
10" Hemlock.

Pearl Dillon.

Post Line N 40°00' W. 58' +/-

John Meadows.

Post Line N 82°00' W. Flathook Branch. 590' +/-

B. D. Trail.

REV. P.I. 534+90.78
REV. P.C. 535+03.20

1010' - R.C. 535+03.20

P.I. 537+76.71
Δ 53°03'
D 10°00'
R 573.0
T 285.28
L 530.50

302+20'

720'

P.I. 538+71.46

117.81

136.78

227.50

168.17

Sta 538+80
Build 18" R.C.P. Culvert
124' Long Std. Hdwll on Rt.

P.O.S.T.

ADOPTED LINE.

540+00

265°14'

120'

30'

2" Hickory.
2" Sourwood.
18" Oak.

3" Oak.
3" Oak.
10" Dogwood.

REV. P.I. 540+33.79
REV. P.T. 540+71.29

EXCAV 1478 C.Y.
EMBANK 1630 C.Y.
BALANCE 114 %
Needed 375 CY
obtain as shown on X sects.

EXCAV 5117 C.Y.
EMBANK 5117 C.Y.
BALANCE 100%

Sta 533+33.80 Elev. = 2137.84
N 61°15'20" E Hemlock, 45' left
Sta 533+88

EQUALITY 2163.67

Sta 533+12.2 P.I. 2164.5

533+19.48 P.T. = 2166.02

+8.00%

+6.535%

+4.92%

200 VC

298 VC

Exc 1031
Emb 1031
Bal 100%

Transfer Point
Break in Profile

EXCAV 4792 C.Y.
EMBANK 5593 C.Y.
BALANCE 88 %

P.I. 2116.68.96

2200
2190
2180
2120
2110
2100
2220
2210
2200
2190
2180

525 +50.5 2104.3 +31 2104.4 526 +21 2113.5 +65 2108.5 +62 2115.2 527 +03 2121.5 +25 2126.0 528 +03 2129.9 +35 2133.7 529 +04 2139.5 +45 2143.2 +05 2141.8 530 +30 2136.7 +15 2126.8 +35 2126.3 2133.8 531 +30 2136.9 +30 2137.9 532 +28 2143.5 +05 2143.3 +06 2149.0 +48.45 2158.02 2136 533 +06 2162.6 534 +03.29 2187.5 535 +03.29 2186.2 +1.59 2185.8 536 +34 2186.3 +68 2187.8 537 +18 2190.4 +67 2193.3 538 +07 2203.3 +31 2209.4 +46 2218.5 539 +16 2214.8 +36 2225.2 +55 2224.3 540 +85 2222.7

PLATE - PLAN-PROFILE

EUGENE DIETZGEN CO. CHGO. N.Y.

Dist. No.	State Proj. No.	Fed. Aid Proj. No.	Fiscal Year	County	Sheet No.	Total Sheets
9	3500	F-053 2197 8248	34 35	Summers	21	157

Rev. May. 27, 1936

P.I. 554+29.22
Δ = 17° 29'
D = 4° 00'
R = 220.26
T = 437.00
L = 432.00

P.I. = 546+97.80
Δ = 56° 16'
D = 10° 00'
R = 573.0
T = 306.36
L = 562.67

P.I. 547+12.66
Δ = 56° 16'
D = 10° 00
T = 306.42
L = 562.67
R = 573.0

P.I. 553+68.26
Δ = 17° 29'
R = 1432.0
T = 220.26
L = 437.08
D = 4° 00'

P.I. 540+33.79 Bal Pt. 542+32.28

P.O.T. 542+02.10

Sta. 543+00 Build 18" R.C.P. Culvert 100 Long Std. Headwall on Rt

Sta. 546+30 Build 18" R.C.P. Culvert 62' Long Std. Headwall on Rt

Sta. 549+09 Build 18" R.C.P. Culvert 38' Long Std. Headwall on Rt

Sta. 553+25 Build Special 3'x3' Conc. Box Culvert 35° Skew 260' Long Wingwalls both ends

Sta. 554+34 W

Rev. P.C. 544+06.24

Rev. P.C. 551+39.72

Rev. P.C. 555+22

S 66° 51' W

S 30° 03' W

Adopted Line

Dipstem

Property Line

Change

Channel

Creek

Line

B.D. TRAIL

B.D. TRAIL

Exc 1870
Emb 1870
Bal 100%

EXCAV 1914 C.Y.
EMBANK 1967 C.Y.
BALANCE 97 %

EXCAV 4741 C.Y.
EMBANK 4741 C.Y.
BALANCE 100 %

B.M. No. 28 Elev. 2762.67
Nail in side 6" tree with white oak
40' right Sta. 548+20.

Sta. 547+52 PI 2259.65

P.I. 2232.55

P.I. 2303.84

P.I. 2296.52

P.I. 2302.37

+8.00%

+5.007%

+6.9505%

+6.3926%

+8.07%

200 VC

P.C. 200'

P.T. +18.07%

3° Oak
10" Dogwood
4" W. Oak
4" B. Oak
W. Walnut Cluster
5" Pon Pan
4" Hickory
6" Hickory
N.C. R. Oak
2" Maple
18" Hemlock

PLAN
SURVEYED
NOTE BOOK
NO. 51
SCALE
BY
DATE
CORRECT CHECKED
RT. OF WAY CHECKED

PROFILE
PLOTTED
NOTE BOOK
NO. 59
SCALE
BY
DATE
CHECKED
R. W. L. NOTES
DOCUMENTATION

EUGENE DIETZGEN CO. CHICAGO N. Y.

PLATE 1 PLAN-PROFILE & DATA

Dist No	State Proj No	Fed Aid Proj No	Fiscal Year	County	Sheet No	Total Sheets
9	3500	P.W.S 2197 8248	34 35	Summers	22	151

Grade Rev. May 27, 1936

D.B. TRAIL

P.I. 557+42.02
Δ 7°40'
D 4°00'
T 95.98
L 191.67
R 1432.7

555+00 North Mark

PT. 555+76.80

PT. 556+60.01 Back = PT. 556+46.04 Ahead 13.97

PT. 558+37.71

150'

Pipe stem Creek

45.79'

20" Hickory

10" Oak St.

18" Dead Chs.

6.89

5.91

180.08'

105°00'

J.L. ELLISON

560+00

P.I. 561+00

S 49°54' W

40

30

24" Black Pine

8" Leaning W.O.

4" Lynn

14.42'

94°50'

X on Rock

7.90

5 Pine Stumps

15" W.O. Stump

12" B.O. Stump

565+00

Pipe stem Creek

I-Beam Bridge

570+00 North Mark

PC. 567+59.46

P.I. 571+13.86
Δ 10°36'
D 1°30'
T 354.40
L 706.66
R 3819.83

S 12°34' W

120'

D.B. TRAIL

Station 565+25
Build 18" Pipe Culvert
80' long, Headwall on Right
40° Skew

Station 567+30
Build 5'x 2' Conc. S166 Bridge
36' long, Type B wings to be
Class "B" Concrete

2420
2410
2400
2390
2380
2370
2360
2350
2340
2330
2320

+8.0%

Exc 43428
Emb 49774
Bal. 87%

Break in Profile
BM 29 Nail in 8" Maple 100' Left Sta. 538+30 Elv. 2352.62

#561+46.04 Ahead
#556+60.01 Back

Proj. Rev. Grade +8%

+6.0%

+0.55%

P.I. 2381.64

Exc 2004
Emb 1588
Bal. 110%
Waste 257

23752

Exc. 348
Emb. 311
Bal. 112%

Break in Grade

P.I. 2384.66

BM No. 30 Nail in 36" W Oak 15' Right Sta. 568+35
Elv. 2381.00

BM No. 16 Nail in 30" Maple root 35' left Sta 569+70
Elv. 2387.16

2520 2310 2500 2290 2280 2270 2260 2250 2240

555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570

1976

Dist. No.	State Proj No	Fed Aid Proj No	Fiscal Year	County	Sheet No.	Total Sheets
9	3500	RW-S 237 B248	34 35	Summers	23	151

Station 572+50
Build 18" Pipe Culvert
32' long. Headwall on Left.

Station 635+60
Build 18" Pipe Culvert
34' long. Headwall on Left.

Station 639+00
Build 18" Pipe Culvert
38' long. Headwall on Left.

J.L. ELLISON

J.N. NEELEY

J.N. NEELEY

J.L. ELLISON

J.L. ELLISON

Tackin 12" Apple Tree across fence
Pipestem RD
T.P.
37.26
19"
Ft. Bldg.
Ft. Barn
Ft. Barn
12" C.I. Pipe
15" C.I. Pipe
20" 15" C.I. Pipe
23" 15" C.I. Pipe
12" Pine
42.84
5.92
15" B. Oak
93°40'
35.32
S 75° 30 W.
30°
30°
30°
30°
N 67°30 E
Hor. Line
635+00
640+00
645+00
Match
Match
570+00
Match
Match
P.O.T. 642+04.82

P.I. 571+13.86
Δ 10°36
D 1°30'
T 354.40
L 706.66
R 3819.83

P.T. 574+66.12 Back =
633+62.50 Ahead

Exc. 348
Emb. 311
Bal. 112 %

Exc. 664
Emb 604
Bal 110 %

Exc 800
Emb 728
Bal. 110 %

300 V.C.

300 V.C.

+1.0%

+1.6%

+0.5%

Ahead
633+62.50

Back
574+66.12

Fl. 2393.2

Fl. 2402.8

BM. No. 17 in White Oak 45' Left Sta. 640+10
Elev. 2396.86

85.16
86.66
86.16
86.66
87.16
87.66
88.16
88.66
90.20 89.16
Adj. 1.16 Overlaps
90.70 89.66
91.20
91.70
92.22
92.80
93.42
94.10
94.82
95.60
96.40
97.20
98.00
98.80
99.60
00.40
01.15
01.82
02.39
02.87
03.25
03.55
03.80

2400
90
2380

2384.9
2386.9
2387.8
2388.7
2389.2
2387.6
2388.9
2390.6
2392.9
2392.9
2390.9
2389.5
2389.0
2389.8
2390.5
2391.5
2393.3
2394.1
2393.6
2393.3
2393.7
2394.9
2399.5
2403.5
2403.3
2404.4
2404.5
2404.6
2404.6
2404.9
2405.6
2406.3

570 71 72 633 (573) 634 635 36 37 38 39 640 41 42 43 44 645

PLATE 1—PLAN-PROFILE C. P. R. R. STANDARD

Dist No	Sta/o Pg No	Fed Aid Pel No	Fiscal Year	County	Sheet No	Total Sheets
9	3500	Pwsp 2/37 824B	34 35	Summers	24	151

PLAN
NOTED
CORRECTED
EXCEPTIONS TAKEN
DEPARTMENT CHECKED
NOT CHECKED
1894

PROFILE
NOTED
EXCEPTIONS TAKEN
DEPARTMENT CHECKED
NOT CHECKED
1944

645+00

Match Mark

J.N. NEELEY

Station 647+50
Build 24" Pipe Culvert
48' long. Headwall on Left.

650+00

Station 654+80
Build 18" Pipe Culvert
32' long. Headwall on Left.

655+00

Station 657+50
Build 18" Pipe Culvert
48' long Headwall on Left.

660+00

235° 00'

S 15° 35' W

30'

30'

18" C.I.P.pe
20' long.

J.L. ELLISON
Prop Line
N 45° 30' W

J.N. NEELEY

1.74
5" Oak

11.34
8" W. Oak

6" B. Oak

P.O.T. 651+91.82

P.C. 658+71.05

Match Mark

03.80 04.05 04.30 04.55 04.80 05.05 05.30 05.55 05.80 06.05 06.26 06.38 06.42 06.37 06.24 06.02 05.76 05.50 05.24 04.98 04.83 04.91 05.21 05.74 06.50 07.48 08.69 10.13 11.79 13.68 15.68

Exc. 896
Emb. 815
Bal. 110 %

Exc 1049
Emb. 937
Bal. 112 %

Exc. 143
Emb 129
Bal. 111 %

Exc. 274
Emb. 241
Bal. 110 %

Exc. 2012
Emb. 1771
Bal. 114 %

500 V.C.

Sta. 659+75

+4.0 %

+0.5 %

32' Right Sta 648+45

-0.52 %

2420
10
2400
2390

BM. No. 18 in 30" White Oak
Elv. 2402.36

Pl. 2406.80

300 V.C.

Pl. 2403.68

BM. No. 19 in 30" White Oak 150' ± Right
Elv. 2403.24

24063 24051 24037 24020 23985 23964 23976 24045 24087 24091 24111 24101 24066 24069 24078 24056 24061 24049 24044 24046 24051 24072 24079 24016 24002 23991 24012 24037 24086 24148 24193 24215

645 46 47 48 49 650 51 52 53 54 655 56 57 58 59 660

17.05

PLATE 1—PLAN-PROFILE U.S.P.R.A. R.E. STANDARD
KEUFFEL & ESSER CO., NEW YORK.

Dist. No.	State Proj No	Fed Aid Proj No	Fiscal Year	County	Sheet No.	Total Sheets
9	3500	RWS 2/97 8248	34 35	Sullivan	28	157

Tack in Dead Chestnut Stump

Tack in Dead Chestnut Snag

22.76

66.83

98.04

1946'

109°22'

P.I. 662+28.20

J.N. NEELEY

660+00

Match Mark

J.N. NEELEY

P.I. 662+28.20
Δ 10°41
D 1°30'
T 357.15
L 712.22
R 3819.71

665+00

Station 665+50
Build 18" Pipe Culvert
36' long. Headwall on Left.

P.I. 665+83.27

P.O.T. 668+75.32

S 26°11' W

Station 669+50
Build 18" Pipe Culvert
40' long. Headwall on Left.

670+00

Station 671+00
Build 18" Pipe Culvert
30' long under side road
Headwall on Inlet end.

Side Road

Station 671+75
Build 18" Pipe Culvert
30' long. Headwall on Left.

J.N. NEELEY

675+00

Match Mark

2-Sty Fr. Dwg.

4" Apple

Prop Line S 64°30' E

P.O.T.

Prop Line S 64°00' W

673+09.52

2-Sty Fr. Dwg.

W.H. ELLISON

R.V. VEST

Exc 2012
Emb 1771
Bal. 114 %

Exc 237
Emb 1
Waste 235
Bal. 110%

Exc 363
Emb 316
Bal. 110 %

Exc 388
Emb 337
Bal. 115 %

Exc 859
Emb 760
Bal. 113 %

+4.0 %

P.I. 2427.66

400 V.C.

- 0.16 %

P.I. 2426.98

200 V.C.

- 1.23 %

BM No. 20 15" Rock
30' Left Sta 670+30
Elev. 2423.33

2430
20
2410

2420
10
2400

15.68 17.68 19.68 21.55 23.16 24.51 25.60 26.43 27.00 27.31 27.36 27.28 27.20 27.12 27.04 26.96 26.88 26.80 26.72 26.64 26.43 25.95 25.73 25.25 24.63 24.01 23.40 22.78 22.16 21.55 20.93

2421.5 2423.0 2423.1 2425.1 2425.8 2426.4 2427.3 2427.8 2428.6 2427.6 2426.0 2424.4 2425.9 2427.9 2429.5 2430.2 2430.2 2429.2 2425.5 2421.9 2426.2 2427.8 2426.2 2423.3 2423.2 2425.5 2426.9 2425.5 2422.8 2419.7 2416.7

660 61 62 63 64 665 66 67 68 69 670 71 72 73 74 675

PLATE 1—PLAN-PROFILE C. P. R. & B. E. STANDARD
HARTIG & ESSER CO., NEW YORK

Dist. No	State Proj No	Fed Aid Proj No	Fiscal Year	County	Sheet No	Total Sheets
9	3500	RW-S 2197 824B	34 34	Summers	26	151

675+00 Mark

Prop. Line S 44° 30' E

FINNEY LILLY

Fr. Mill

12"V.C.P. Pipe

Fr. Dwg.

Stone Wall

Shed

Stone Foundation

30'

Match

680+00

P.O.T. 679+07.2

S 26° 11' W

FINNEY LILLY

Station 675+50
Build 18" Pipe Culvert
36' long, Headwall on Left.

Station 681+00
Build 18" Pipe Culvert
44' long, Headwall on Left.

685+00

20'-12" C.I. Pipe

20'-18" C.I. Pipe

Station 683+00
Build 18" Pipe Culvert
42' long, Headwall on Left.

Prop. Line

FRED NEELEY

FRED NEELEY

690+00 Mark

20'-24" C.I. Pipe

Station 688+50
Build 24" Pipe Culvert
42' long, Headwall on Left.

Match

20.93 20.31 19.60 18.70 17.98 17.08 16.08 15.08 14.08 13.08 12.58 12.08 11.10 10.24 09.53 08.96 08.54 08.25 08.12 08.13 08.28 08.57 09.00 09.59 10.31 11.18 12.19 13.35 14.63 15.93 17.23 18.53

Exc 1126
Emb 1024
Bal 110%

Exc 0
Emb 1963
Bal 110%
Borrow 2159

Exc 335
Emb 291
Bal 115%

Exc 344
Emb 299
Bal 115%

1200 V.C.

-1.23%

2420
10
2400

P.I. 2419.08

200 V.C.

-2.0%

BM No 21 Elev 2415.18
No description

P.I. 2403.58

+2.6%

2420
10
2400

BM No 22 in 24" Dead Chestnut
300' Lt. of Sta 690+00 Elev 2427.73

2416.7 2416.1 2418.6 2420.5 2422.2 2421.8 2420.4 2418.2 2414.8 2409.2 2405.6 2405.6 2405.6 2405.3 2406.0 2406.0 2405.5 2405.3 2406.0 2402.0 2409.9 2412.6 2412.1 2414.8 2414.7 2412.2 2410.4 2409.5 2409.6 2409.8 2411.9 2418.7

675 76 77 78 79 680 81 82 83 84 685 86 87 88 89 690

PLATE I - FILM-PROFILE O. E. P. R. S. E. STANDARD

Dist No.	State Proj No	Fed Aid Proj No	Fiscal Year	County	Sheet No	Total Sheets
9	3500	R.W.S. 2197 8348	34 35	Summers	27	154

Spike in 18" W. Oak

690+00 Mark

690+00

FRED NEELEY

Prop. Line S 34°30 E

GERTIE THOMPSON

Station 693+75 Build 18" Pipe Culvert 40' long. Headwall on Left.

P.C. 694+18.05

695+00

P.I. 696+68.68
Δ 10°00'
D 2°00'
T 250.64
L 500.00
R 2864.79

S 45°30 E

Apple Tree

Apple Tree

Apple Tree

18.60

24.92

64°35'

37.42

P.T. 699+18.05

700+00

Gertie Thompson

S 26°11" W

S 16°11' W

P.O.T. 702+42.80

37.21

8" W. oak

10" W. Oak 14.79

12.85

64.62

62°54'

Mark

700+00

Match

47.70

Tacks on Fence

Apple Tree

Gertie Thompson

Station 700+75 Build 30" Pipe Culvert 40' long. Headwall on Left.

Match

| | | |

Dist No.	State Proj No	Fed Aid Proj No	Fiscal Year	County	Sheet No	Total Sheets
9	3500	RW-3 2/97 8248	34 35	Summers	28	151

Spike in 18" W Oak
10" W Oak
37.21
14.79
12.85
W Oak
64.62
GERTIE THOMPSON
703+00
P.O.T. 703+66.92
P.C. 707+07.46
Match Mark
30'
30'
S 16° 11' W
GERTIE THOMPSON
P.I. 710+03.61
Δ 17°17'
D 3°00'
T 295.95
L 687.22
R 1909.86
710+00
P.I. 710+03.61
Prop. Line N 55° 00' E
P.T. 712+94.88
ALICE WOOD
Tack in Corner of Cellar House
Hub by Stump
97.94
6" Apple
47.30
48.74
6" Apple
Prop. County Road Line
N 66° 30' W
715+00
Station 714+05
Build 18" Pipe Culvert
Parallel to County Road
36' long. Headwall on Left.
J.A. WOOD Heirs
J.A. WOOD Heirs.
S 01° 06' E
720+00
60'
60'
30'
30'
Match Mark
Station 719+75
Build 18" Pipe Culvert
32' long. Headwall on Left

51.63 53.93 56.17 58.30 60.31 62.20 63.97 65.63 67.23 68.83 70.43 72.03 73.63 75.23 76.83 78.43 80.03 81.63 83.23 84.83 86.43 88.03 89.63 91.16 92.56 93.83 94.96 95.96 96.83 97.63 98.43

Exc 708
Emb 616
Bal. 115%

Exc. 61
Emb 54
Bal. 112%

Exc 110
Emb 99
Bal 111%

Exc 744
Emb 745
Bal. 115%
Borrow 113

2500 90 80 70 60 2450

P.I. 2460.83
B.M. No 24 Chestnut Oak Left 316 709+70 E/a. 2468.28
+4.6%
+3.2%
+1.6%
300 V.C.
P.I. 2494.43
300 V.C.

2452.1 2454.6 2459.2 2461.2 2461.4 2462.1 2463.6 2465.0 2466.4 2468.1 2470.8 2472.5 2474.2 2475.3 2476.7 2477.8 2477.7 2479.4 2481.0 2482.9 2484.7 2485.8 2489.1 2491.7 2494.2 2496.7 2498.3 2499.1 2499.1 2497.3 2497.5

705 6 7 8 9 710 11 12 13 14 715 16 17 18 19 720

PLATE 4 - PLAN-PROFILE C.P.R.S.A.R.E. STANDARD
REDFIELD & CLARK CO., NEW YORK

Dist No	State Proj No	Fed Aid Proj No	Fiscal Year	County	Sheet No	Total Sheets
9	3500	RWS 2197 8248	34 35	Summers	29	151

J. A. WOOD HEIRS

D. C. NEELEY

725+00

Pipe Line

730+00

Station 732+12
Build 18" Pipe Culvert
70' long. Headwall on
Right 30° skew

Match Mark

720+00

735+00

Match Mark

PI 734+93.72

S 01°06' E

60'

40'

30'

Sta. 720+00 to Sta. 729+00
Dig special ditch on each side
as shown on X-Sections

S 72°00' W

J. A. WOOD HEIRS

D. C. NEELEY

D. C. NEELEY

2580
70
60
50
40
30
20
10
2500

9843 9923 25+00.03 00.83 01.63 02.55 03.73 05.15 06.83 08.63 10.43 12.23 14.03 15.83 17.76 19.95 22.41 25.13 28.11 31.35 34.86 38.63 42.53 46.43 50.33 54.23 58.13 62.03 65.93 69.73 73.73

Exc 1430
Emb 2428
Bal 115%
Borrow 1362

Exc 403
Emb 357
Bal 118%

Exc 134
Emb 122
Bal 110%

B.M. No 25 Dead Chestnut 70 Rt. Sta 720+60
Elv. 2499.99

PI 2703.23

200 V.C.

+1.6%

+3.6%

400 V.C.

PI 2523.03

+7.8%

B.M. No 26 93'+ Lt. Sta 731+50
Elv. 2539.75

2407.5 2399.0 2398.9 2500.4 2501.6 2502.7 2504.3 2505.8 2506.8 2508.4 2510.3 2511.8 2513.5 2515.6 2517.6 2519.2 2521.5 2523.6 2527.8 2531.9 2535.8 2540.8 2542.4 2541.9 2537.4 2543.5 2545.7 2554.0 2564.7 2577.8 2585.0

720 21 22 23 24 725 26 27 28 29 730 31 32 33 34 735

PLATE 1 — PLAN-PROFILE O. P. C. & R. E. STANDARD
STRUTHERS & FANS CO., NEW YORK

Dist. No	State Proj No	Fed Aid Proj No	Fiscal Year	County	Sheet No	Total Sheets
9	3500	BWS 2(9) 8298	34 35	Summers	30	151

D. C. NEELEY

Station 740+00
Build 18" Pipe Culvert
39' long. Headwalls on Right.

740+00

P.O.T. 742+06.88

745+00

J. N. NEELEY HRS.

10" Locust

56.8'

35.45'

33.2'

P.I. 746+54.69

Ft. Dwlg.

County Road

10" Oak

16" Oak

18" Oak

750+00

735+00

Match Mark

30'

45'

S 01° 06' E

122.36'

10.8'

Apple Tree

Peach Tree

S 16° 20' W

Church

D. C. NEELEY

P.C. 743+61.88

Station 745+28
Build 18" Pipe Culvert
80' long. Headwall on Lt. fl.
80' of 8" Perforated pipe to
be placed under 18" Culvert.

P.I. 746+54.69
Δ 17° 26'
D 3° 00
T 292.81
L 581.11
R 1909.86

D. C. NEELEY

P.T. 749+42.99

Pr. 5°45' F.

J. N. NEELEY HEIRS

Match Mark

1155

73.73 77.63 81.32 84.58 87.41 89.83 91.81 92.38 94.52 95.23 95.73 96.23 96.73 97.23 97.73 98.23 98.73 99.29 99.73 2600.23 00.73 01.01 01.23 01.73 02.23 02.73 03.23 03.64 03.87 03.91 03.78 03.46

Exc 5851
Emb 5695
Bal 103%

Exc 5121
Emb 4877
Bal 105%

Exc 1484
Emb 1349
Bal. 110%

2630 20 10 2600 2590 2580

P.I. 2593.23

+ 7.8%

400 V.C.

+ 1.0%

B.M. No 27 Twin White Oak 40' Rt. Sta 743+0
Elv. 2621.34

P.T. 2604.73

300 V.C.

-1.18%

Lt. Sta. 749+30 85'

18" Chestnut

B.M. No 28
Elv. 2613.37

2585.0 2583.7 2582.1 2588.4 2594.0 2596.0 2594.1 2592.5 2590.8 2588.7 2584.6 2594.8 2606.4 2615.8 2623.0 2623.8 2619.9 2612.4 2596.5 2594.9 2584.5 2583.3 2584.0 2589.0 2582.8 2598.3 2601.2 2606.2 2613.3 2614.2 2611.3 2607.2

735 36 37 38 39 740 41 42 43 44 745 46 47 48 49 750

Dist No.	State Proj No	Fed Aid Proj No	Fiscal Year	County	Sheet No	Total Sheets
9	3500	F.W.S. 297 8248	33 34	Summers	31	151

PLAN — SURVEYED / PLOTTED / QUANTITY CHECKED / NOTE BOOK / R.W. CHECKED / NO. / PT. OF WAY CHECKED / DATE / BY

PROFILE — NOTE BOOK / NO. 1035 / SURVEYED / PLOTTED / GRADES CHECKED / R.W. NOTED / STRUCTURE NOTATIONS CHKD. / DATE / BY

P.I. Sta 750+00
S 63°00'E

MRS. M. C. LILLY

750+00

755+00

P.O.T. Sta 752+32

760+00

765+00

MRS. M. C. LILLY

297°11'

30'

30'

30'

30'

30'

S 16°30'W

54.28'

10.73

W. Oak

22.84

W. Oak

12" W. Oak

Match Mark

J. N. NEELEY HEIRS

J. N. NEELEY HEIRS

Match Mark

Station 760+00
Build 18" Pipe Culvert
40' long, Headwall on Left.

03.46 02.96 02.37 01.78 01.19 00.60 00.01 99.42 98.83 98.16 97.35 96.38 95.26 93.99 92.57 90.99 89.27 87.47 85.67 83.87 82.07 80.27 78.47 76.67 74.87 73.07 71.27 69.53 67.87 66.37 64.96

Exc 1754
Emb 1593
Bal. 110 %
(Excess Used)

Exc ~~458~~
Emb 295
Bal ~~115~~ %
Waste 119
Rev. Balances
Exc. 367 C.Y.
Emb. 304 C.Y.
Bal. 110 %
Excess 33 C.Y.

-1.18 %

P.I. 2596+17

400 VC

-3.6 %

300 V.C.

P.I. 256+87

-2.267 %
~~-2.34 %~~

2600 90 80 70 2560

2607.2 2604.7 2603.4 2602.8 2601.9 2601.3 2600.4 2599.7 2598.9 2598.4 2598.0 2597.4 2597.6 2597.4 2595.3 2591.0 2587.2 2583.9 2580.8 2578.3 2577.8 2577.9 2578.6 2578.9 2575.3 2574.9 2572.3 2569.1 2566.5 2564.9 2562.6

750 51 52 53 54 755 56 57 58 59 760 61 62 63 64 765

PLATE 1 — PLAT, PROFILE & P.O.A.B.E. STAKES

Dist. No.	State Proj No.	Fed Aid Proj No.	Fiscal Year	County	Sheet No.	Total Sheets
9	3500	P.W.S. 2197 824 B	33 34	SUMMERS	32	151

Revised Dec. 10, 1935

MRS. M.C. LILLY

MRS. M.C. LILLY
D 186 Page 205

MRS. M.C. LILLY

J. N. NEELEY HEIRS

Fr. Store Bldg.

10.34

85°18'

20'

20'

RDT.

℄ Present Road is P.L.

Motorway

S 16° 20' W

P.C. 768+01.80 ℄

P.C. 768+20.5 ℄

20'

30'

765+00

770+00

775+00

6"B.Oak

6"B.Oak

8"Locust

42.73

59.30

87.21

96.92

8"B.Oak

S 71°58' W

S 72°42' W

℄

℄ P.I. = 774+73.5
Δ = 55°38' Rt.
D = 4°30'
T = 671.70
L = 1236.29
R = 1273.24

Sta. 774+50
Build. 18" Pipe Culvert
32' long. To Will on Lt.

℄ P.I. = 775+06.20
Δ = 56°22' Rt.
D = 4°33'
T = 676.07
L = 1238.83
R = 1257.25

780+00

SUMMERS CO.
County Line

MERCER CO.

30'

30'

To Athens

2 Pipe Culv.

P.I. 780+38.07 ℄

Excav. 173 C.Y.
Embank. 156 C.Y.
Bal. 110 %

Excav. 0 C.Y.
Embank. 187 C.Y.
Bal 110 %
Borrow 206 C.Y.

Excav. 345 C.Y.
Embank. 314 C.Y.
Bal. 110 %

End of Project (3500) P.W.S. 2197-824-B
Station 780+68.38 Begin P.W.S. 2197-824-C.

-2.267 %

300' V.C.

+1.245 %

-1.21 %

300' V.C.

D = 3°42'.01

B.M. #29 Elev. 2564.09
8" Poplar in fence row
75' Lt. Sta. 766+50

B.M. #30 Elev. 2546.41
30" Black Oak
30' Rt. Sta. 780+50

2570
60
50
2540

2562.6 2563.4 2562.6 2561.7 2559.9 2559.7 2558.4 2557.0 2555.4 2554.0 2553.5 2552.7 2551.0 2549.7 2547.2 2546.3 2545.0 2543.4 2542.0 2541.4 2540.9 2541.2 2541.8 2543.3 2542.1 2544.7 2546.0 2546.6 2546.4 2546.1 2546.2

765 66 67 68 69 770 71 72 73 74 775 76 77 78 79 780

+75.5 +49 +99 +35.5 +91 +48 +77.5 +47.5 +97 +46 +95.5 +45 +95.5 +44.5 +94.5 +44 +96 +43 +93 +42.5 +92.5 +43.5 +92 +41.5

RAILWAY PLAN & PROFILE PLATE
THE H. COLE CO. COLUMBUS, OHIO

PLAN — DATE — BY — PLOTTED — TRACED — ALIGNMENT CHECKED — PT. OF MAP CHECKED — NOTE BOOK — No.

PROFILE — DATE — BY — PLOTTED — LINES CHECKED — NOTE BOOK — No. 1855 — FIGURES CHECKED BY CO.

Dist. No.	State Proj. No.	Fed. Aid Proj. No.	Fiscal Year	County	Sheet No.	Total Sheets
9	3500	FAP-S 217 824B	33 34	Summers	32	151

Revised Dec. 10-1935

MRS. M. C. LILLY

MRS. M. C. LILLY.

MRS. M. C. LILLY

J. N. NEELEY HEIRS

Match Mark

Ft. Store Bldg.

Ft. Store Bldg.

10" Oak

6" B. Oak

8" B. Oak

6" B. Oak

8" B. Oak

24.92'

97.81'

42.73'

58.90'

S 16°20' W

S 71°58' W

& Present Road is P.L.

40 ft.

30 ft.

30'

20'

770+00

775+00

780+00

County Line 780+60

℄ P.I. 775+06.20

P.I. 774+73.58

℄
P.I. 774+73.5
Δ 55°38'
D 4°30'
T 671.70
L 1236.29
R 1273.24

℄
P.I. 775+06.20
Δ 56°22'
D 4°33'
T 676.07
L 1238.83
R 1257.25

P.C. 768+01.88

Rev. P.C. 768+02.25

Station 774+50
Build 18"-9 pc. C.V. Hart
32' long. Headwall on Left.

P.T. 780+38.25

Rev. P.T. 780+60.13
780+59.57

Exc. 287
Emb 308
67 C.Y. from previous Bal.
Bal. 115%

Revised Balances
C-0
F-187
B-110%
Bor-206 C.Y.

Exc 0
Emb 490
Borrow 539
Bal 110%

Exc 120
Emb 109
Bal 110%

300 v.c.

300 v.c.

End of Project 3500
Station 780+60

C-173
F-156
B-110%

C-345
F-314
B-110%

2.2666+%
- 2.94 %

+1.245%
+ 1.42 %

- 1.21 %

P.I. 2541.27
Rev. P.I. 2542.07

P.I. 2539.95
Rev. P.I. 2540.10

B.M. No. 29
8" Poplar in fence row
75' Lt. Sta. 766+50
Elev. 2564.09

B.M. No. 30
30" Black Oak
780+38.33 Ahead
Elev. 2546.41
780+68.33 Back

2570
60
50
2540

765 66 67 68 769 770 71 772 73 774 775 76 77 78 779 780

64.91 63.58 62.36 61.18 60.01 58.84 57.67 56.57 55.34 54.17 52.99 51.82 50.65 49.48 48.31 47.14 45.97 44.79 43.78 43.08 42.68 42.61 42.85 43.40 44.11 44.82 45.42 45.80

2562.6 2563.4 2562.6 2561.7 2559.9 2559.7 2558.4 2557.0 2555.4 2554.0 2553.5 2552.7 2551.0 2549.7 2547.2 2546.3 2545.0 2543.4 2542.0 2541.4 2540.9 2541.2 2541.8 2543.3 2542.1 2544.7 2546.0 2546.6 2546.4 2546.1 2546.2

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