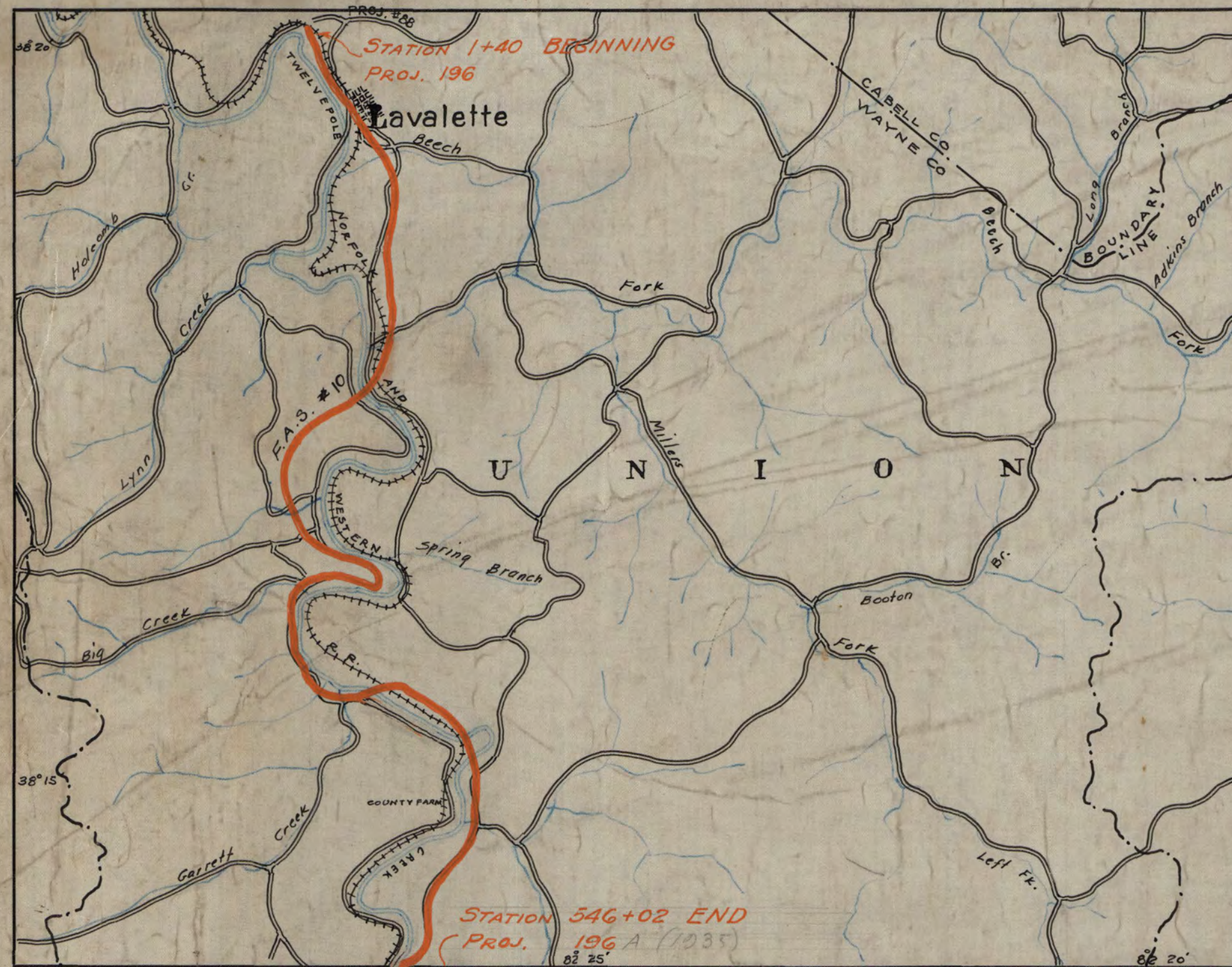




THE STATE ROAD COMMISSION OF WEST VIRGINIA

PLAN AND PROFILE FOR CONSTRUCTION OF STATE ROAD

PROJECT NO. N.R.H. 196 A Extended & Reopened
N.R.H. 196 C

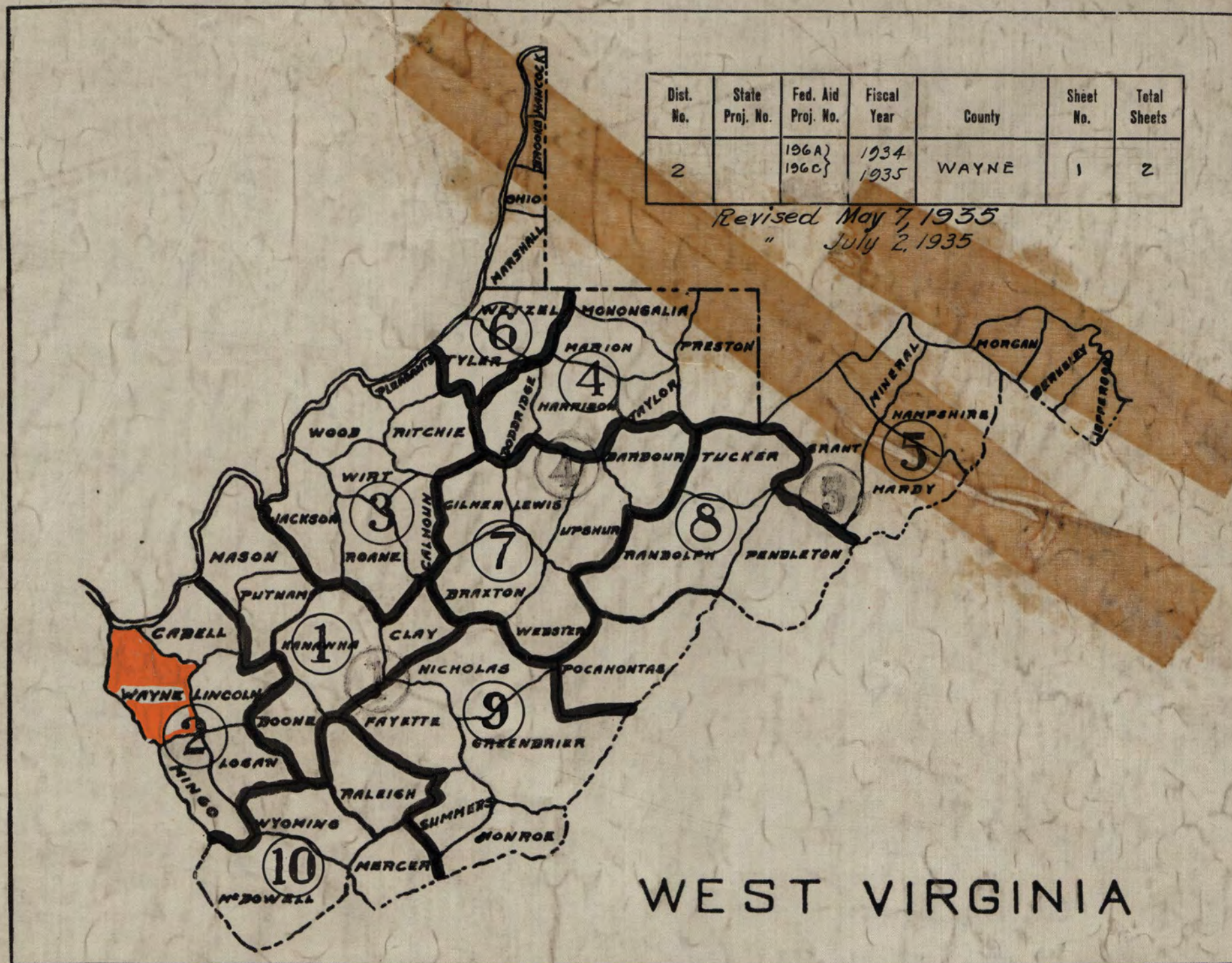
UNION DISTRICT WAYNE COUNTY

FROM
LAVALETTE TO WAYNE

Sta. To Sta.
Length 10.209 Mi.

Scale 1 IN. =
Profile HOR. 1 IN. = VERT. 1 IN. =

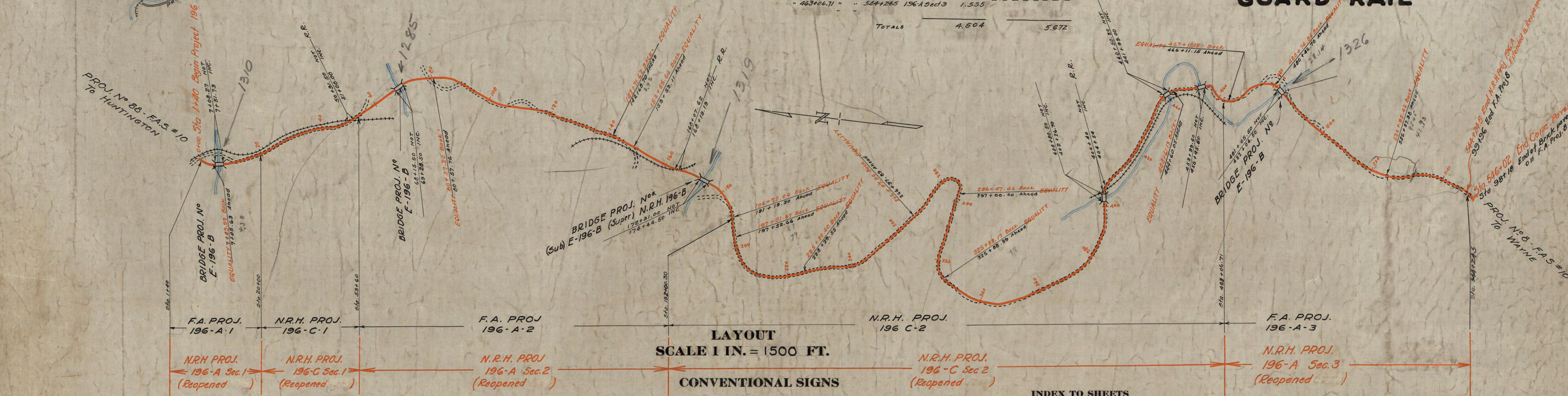
Sta.	To Sta.	196 A	196 C
Sta. 1+40	To Sta. 20+00	196 A Sect 1 .344	196 C Sect 1 .634
" 20+00 "	" 33+60 "	196 A Sect 2 2.624	196 C Sect 2 5.038
" 33+60 "	" 463+00.71 "	196 A Sect 3 1.535	
" 463+00.71 "	" 544+24.5 "		
TOTALS		4.504	5.672



Dist. No.	State Proj. No.	Fed. Aid	Fiscal Year	County	Sheet No.	Total Sheets
2	196A 196C	1934 1935		WAYNE	1	2

Revised May 7, 1935
July 2, 1935

TYPE OF CONSTRUCTION
GUARD RAIL



LAYOUT
SCALE 1 IN. = 1500 FT.

CONVENTIONAL SIGNS

State Line	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	

No.	Description

PLANS COMPLETED March 23, 1935

PROJECT NO. N.R.H. 196-A (Extended & Reopened)
N.R.H. 196-C

PREPARED & RECOMMENDED

E. O. Madden
ENGINEER OF PLANS & SURVEYS-STATE ROAD COMMISSION

REVIEWED

DISTRICT ENGINEER-STATE ROAD COMMISSION

RECOMMENDED FOR APPROVAL

Wm. H. Smith
CHIEF ENGINEER-STATE ROAD COMMISSION

APPROVED

Ernest L. Bailey
CHAIRMAN-STATE ROAD COMMISSION

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

SECRETARY

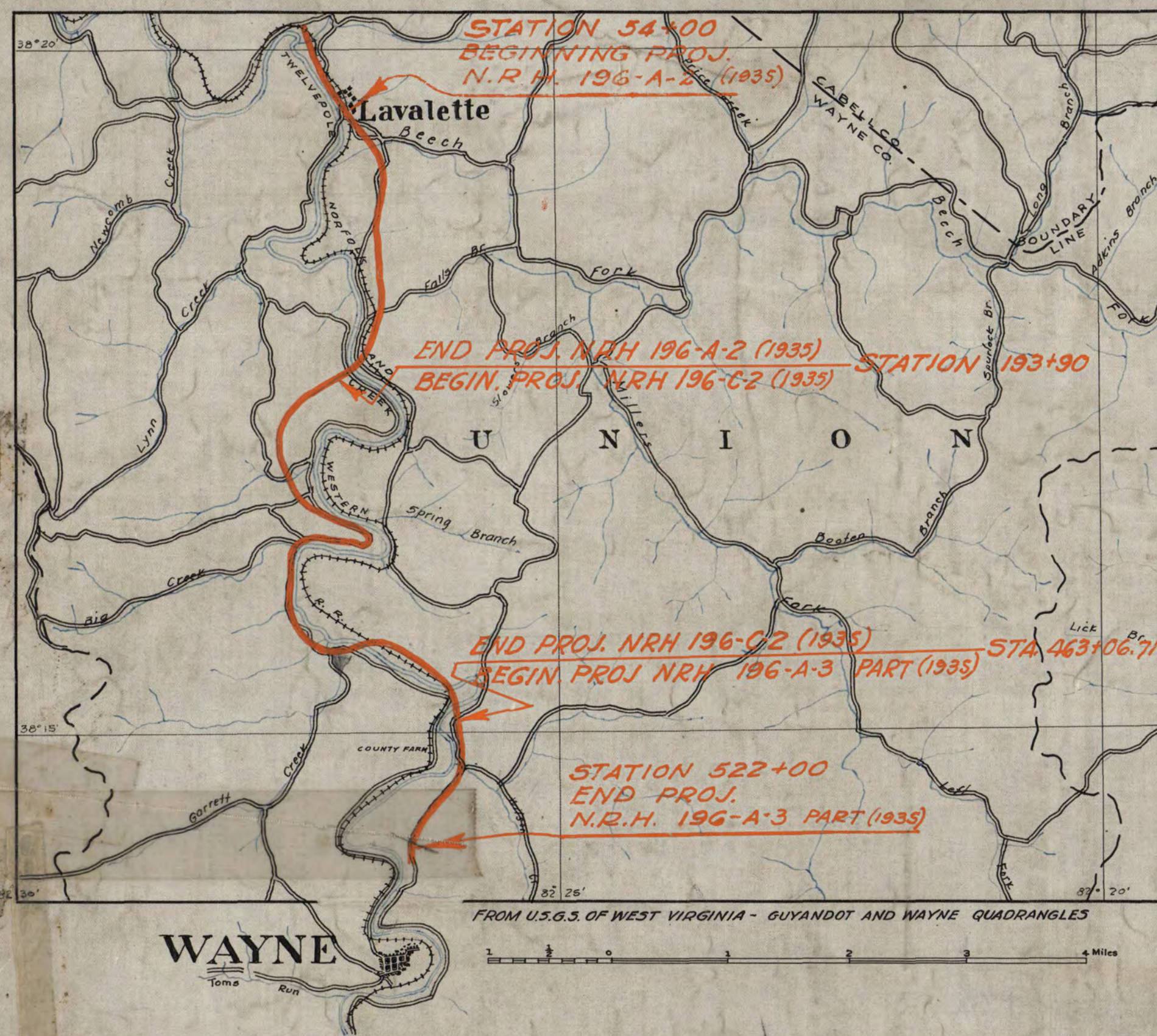
RECOMMENDED FOR APPROVAL

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.



THE STATE ROAD COMMISSION OF WEST VIRGINIA

PLAN AND PROFILE FOR CONSTRUCTION OF STATE ROAD

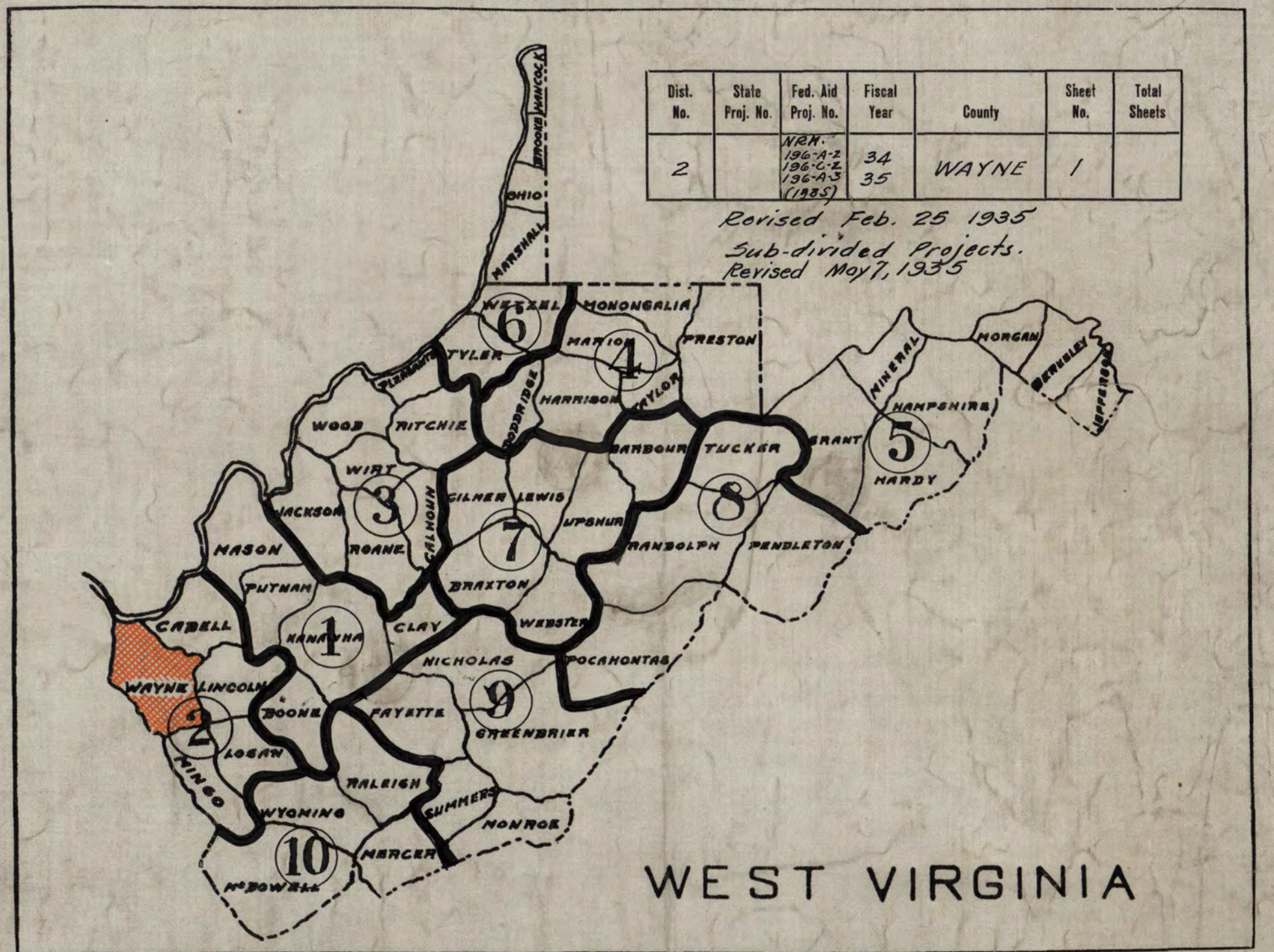
PROJECT NO. N.R.H. { 196-A-2
196-C-2
196-A-3 PART } (1935)

UNION DISTRICT WAYNE COUNTY

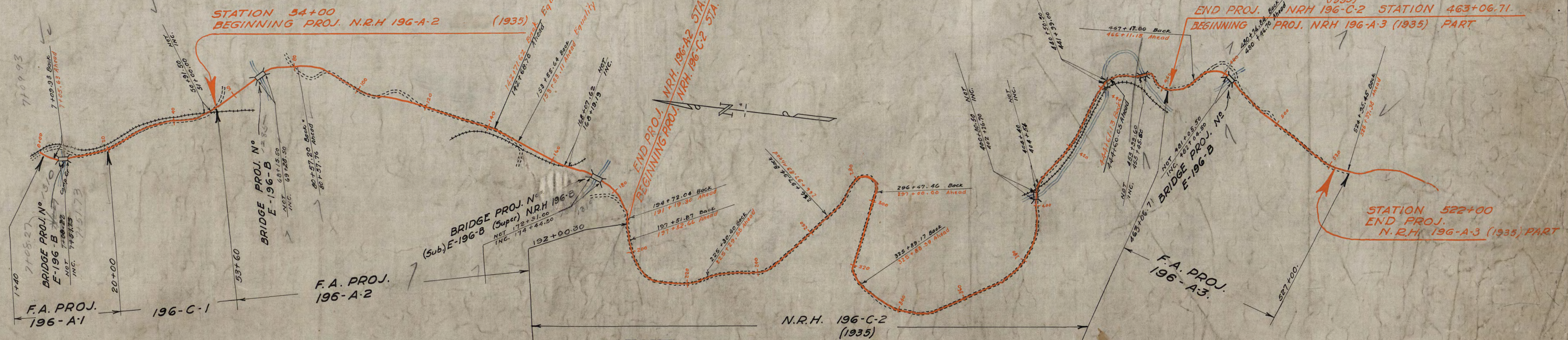
FROM LAVALETTE TO WAYNE

Sta. 54+00 To Sta. 522+00 = 196-A-2 = 2.617 Mi.
Sta. 463+06.71 To Sta. 522+00 = 196-C-2 = 5.037 Mi.
Length = 8.774 Mi. 196-A-3 = 1.126 Mi.
8.774 Mi.

Plan 1 IN. =
PROFILE HOR. 1 IN. = VERT. 1 IN. =



TYPE OF CONSTRUCTION HIGHWAY BEAUTIFICATION



LAYOUT
SCALE 1 IN. = 1000 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

PROJECT NO. N.R.H. { 196-A-2
196-C-2
196-A-3 PART } (1935)

PREPARED & RECOMMENDED
E. C. Mallick
ENGINEER OF PLANS & SURVEYS-STATE ROAD COMMISSION

REVIEWED

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

APPROVED
Ernest L. Bailey
STATE ROAD COMMISSION

APPROVED BY OFFICIAL ORDER OF THE STATE ROAD COMMISSION
WEST VIRGINIA. ENTERED DAY OF 1935
Edgar F. [Signature]
SECRETARY

PLANS COMPLETED 1935

Revised Feb. 25 1935
Subdivided Project

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.

Revised July 2, 1935

PROJECT N.R.H. 196-A (Reopened)					
STATIONS		LENGTH		END ANCHOR FITTINGS	REMARKS
FROM	TO	RIGHT	LEFT		
1+50	7+10	560		2	
2+00	7+10		510	2	Bridge at 7+10
7+50	14+00	650		2	
7+50	13+00		550	2	
63+00	68+10	510		2	
63+50	68+10		460	2	Beech Fork Branch at 68+10
69+40	73+10	370		2	
69+40	79+60		1020	4	
73+30	73+80	50		2	
78+10	80+00	190		2	
80+30	81+60		130	2	
88+70	94+30		560	2	
89+00	90+30	130		2	
97+70	104+70	700		2	
108+80	116+20	740		2	
108+80	111+80		300	2	
113+30	114+60		130	2	
120+40	133+50	1310		4	
134+10	138+60	450		2	
141+00	144+00	300		2	
149+80	150+60		80	2	
168+60	169+60	100		2	
168+60	169+60		100	2	
172+50			50	2	
172+50		50		2	
174+10	176+30		280	2	
174+10	174+60	50		2	
177+40	185+40		800	2	
178+20	181+00	280		2	
185+40	189+70	430		2	
189+00	193+30		490	2	
462+50	464+50	200		2	
464+50	467+20	270		2	
474+00	481+30	730		2	
475+00	481+30		630	2	
482+30	485+00	270		2	
482+30	484+40		210	2	
493+50	500+00	650		2	
495+30	504+20		890	2	
515+00	516+50		150	2	
516+20	520+20	400		2	
528+10	543+50	1540		4	
528+10	530+30		210	2	
544+30	545+30		100	2	
TOTALS		10,990	7650	94	

PROJECT N.R.H. 196-C					
STATIONS		LENGTH		END ANCHOR FITTINGS	REMARKS
FROM	TO	RIGHT	LEFT		
22+50	23+40	90		2	
29+60	35+30	570		2	
39+20	44+40	520		2	
40+20	42+30		210	2	
47+30	48+80	150		2	
49+00	50+30	130		2	
193+30	196+40		250	2	
207+00	215+10		810	2	
224+70	281+00	630		2	
230+50	232+00		150	2	
236+50	239+80		330	2	
236+50	239+80	330		2	
255+00	262+80		780	2	
263+60	269+40		580	2	
297+00	306+20		920	2	
307+20	319+00		1180	4	
323+80	327+50		370	2	
331+00	333+80		280	2	
350+50	351+50	100		2	
351+20	360+70		950	2	
354+40	360+70	630		2	
372+00	381+20		920	2	
371+50	373+00	150		2	
374+70	382+60	790		2	
383+30	386+60	330		2	
383+40	386+20		280	2	
398+80	400+80	200		2	
402+20	403+20	100		2	
402+20	402+50		30	2	
419+50	427+00	750		2	
439+50	440+50		100	2	
438+50	440+50	200		2	
441+30	442+60		70	2	
441+30	442+30	40		2	
453+50	454+00		50	2	
455+40	456+00	60		2	
448+00	250+40		240	2	
TOTALS		5770	8500	76	

ESTIMATE OF QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	PROJ. NRH 196-A	PROJ. NRH 196-C	TOTAL
72	Wire Rope Guard Rail	L.F.	18,700	14,300	33,000
72A	End Anchor Fittings	Ea.	100	80	180
72C	Extra Length Posts	L.F.	270	200	470

PUBLIC WORKS PROJECT
This project is being financed with Federal funds for highway construction authorized by the Public Works Title of the Recovery Act.

WAGE SCALE
Scale Minimum Rates \$1.40, \$1.50, \$1.00.

GUARD RAIL NOTE

No section of Guard Rail shall be more than 1000' in length. Posts to be of Round Locust.

NOTE

Guard rail specification (Par. 56.2) shall be amended to read as follows: For outside curing the posts must be cut for at least one (1) month before being placed in the ground, and must be cut for at least three (3) months before painted. Projects under the National Industrial Recovery Act, adopted by the State Road Commission of West Virginia, July 27, 1934, revised, will govern this project.

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

PREPARED & RECOMMENDED

ENGINEER OF PLANS & SURVEYS-STATE ROAD COMM.

REVIEWED

DISTRICT ENGINEER-STATE ROAD COMM.

RECOMMENDED FOR APPROVAL

CHIEF ENGINEER-STATE ROAD COMM.

APPROVED

COMMISSIONER

PLANS COMPLETED MARCH 1, 1935

APPROVED BY OFFICIAL ORDER OF THE STATE ROAD COMMISSION OF WEST VIRGINIA, ENTERED DAY OF _____ 1935

SECRETARY

Dist. No.	State Proj. No.	Fed. Aid Proj. No.	Fiscal Year	County	Sheet No.	Total Sheets
2		NRH 196-A-2 (1935)	35	WAYNE	2	

Revised Feb. 25 1935
-Sub-divided Projects-

STATION TO STATION	DISTANCE	RIGHT OR LEFT	REMARKS	DOG- WOOD EACH	MAPLE TREE EACH	SOUR GUM EACH	PER- SIMMON EACH	STONE WALL CU. YD.	GLAR. CLEAN LIN. FT.	IND. CURRANT EACH	EXCAV- ATION LIN. FT.	TOP SOIL CU. YD.	HONEY SUCKLE EACH	VA. CREEPER EACH	RED CEDAR EACH	RED BUD EACH	LOCUST TREE EACH	TRUMPET CREEPER EACH	SPICE WOOD EACH	SEEDING SQ. FT.	EXCAV- FOR STRUCT. CU. YD.
PROJECT NRH 196-A-2 (1935)																					
54+00	56+00	200	R									2	200								
53+60	58+00	440	L									8	800								
69+00	72+00	300	L									1	100								
69+00	72+00	300	R									3	300								
75+00	76+00	100	L									2			25	15					
74+00	77+00	300	R									6	300				300				
76+00	79+00	300	L	On Bank								3						300			
84+00	88+00	400	R									4	400					400			
84+00	88+00	400	L									4	400					400			
97+00	99+00	200	R									1	200								
102+00	103+50	100	R									1							25		
104+00	105+00	100	R									1			15						
97+00	108+00	1100	L									15	2200								
114+00	117+00	300	R									3	300								
114+00	118+00	400	L	Round Slope							400	4	400								
121+00	128+00	700	R									7						700			
126+00	128+00	200	L									2	200								
128+00	133+25	525	R									5						525			
137+00	140+00	300	R	In groups								2			25				100		
133+25	140+00	675	L									13	2000								
144+00	152+00	800	L	Round Slopes							800	8			100	100				4300	
152+85	155+00	215	R									5	515								
152+85	158+00	515	L									4						425			
162+50	166+75	425	L									5	515								
177+00	185+00	800	R	3' to 4' High - In groups						1000	20				25	25					
175+00	185+00	1000	L									30	1000								
186+00	190+00	400	L									4	400								
190+00	193+90	390	L							390	4										
190+00	193+90	390	R	Round slope							390	4		390							
TOTAL										1390	1590	166	3415	6690	190	140	1100	1950	125	4300	
PROJECT NRH 196-C-2 (1935)																					
197+00	201+00	400	L	Round Slope							400	8		800							
198+00	202+00	400	R	"							400	4		400							
206+00	208+00	200	R	"								4	400								
219+00	221+00	200	R	"							200	2		200							
225+00	231+40	640	L	"							300	6	640								
242+25	247+50	525	L	"								10	1050								
243+25	245+25	200	R	"								2	200								
264+50	269+00	450	L	Open view of Stream					450												
279+00	284+00	500	L	" " " "					500												
287+00	292+00	500	L	2'-3' 5' apart								4				100				7500	
285+00	290+00	500	R	"							500	5		500							
295+00	300+00	447	R	"							447	3						295			
305+00	318+00	1300	L	Open view of stream					1300												
346+00	350+50	450	L	"							450	3	450								
365+00	371+00	600	R	"							600	6		600							
375+00	380+00	500	L	Open view of stream					500												
412+50	422+00	950	L	"							950	9						950			
461+00	462+00	210	L	"								4	200								
279+00	284+00	500	R	"						500											
308+00	318+00	1000	R	"						1000											
TOTAL										4250	4247	70	4740	2700	100		1245		7500		
PROJECT 196-A-3 PART (1935)																					
462+06.71	466+00	390	L									11	599								
466+11	473+50	739	L	Clean up slides.					739		739	20		739						14780	
466+11	473+50	739	R	Scarify and Seed																14780	
473+50	481+30	806	L	Clear & Clean up.					806	525		13	700								
473+50	481+30	806	R	"								8	800								
481+30	485+00	370	L	"								2	200								
481+30	485+00	370	R	Clean up.								2	200								
484+00			L	Build Dry Stone Wall - 30' Long				14	370												14.
485+60	492+00	640	L	Slope Banks							640	6	640								
485+60	492+00	640	R	Remove Banks - Grade & Seed							640									12000	
492+00	495+00	300	L	"								1	100								
492+00	495+00	300	R	Remove old Headwall							300	2	200								
495+00	500+00	500	L	Scarify							500	4							100	10000	
495+00	496+00	100	L	Round Banks - Plant on fill	10	10	10	10			100	5					10				
495+00	500+00	500	R	"								5						500			
500+00	511+00	1100	L	"					1100												
500+00	510+00	1000	R	Scarify and Seed							1000									25000	
510+00	514+00	400	R	Round Slope							400	4		400							
511+00	514+00	300	L	"							300	3	300								
514+00	522+00	800	R	Scarify and seed - Lespedeza mixture.	25				800		150	20			25		100		20000		
TOTAL					35	10	10	10	14	3815	525	4769	106	3040	1838	25	10	600	100	96560	14.
TOTAL ALL PROJECTS																					

ESTIMATE OF QUANTITIES					
ITEM NO	DESCRIPTION	UNIT	QUANTITY NRH 196-A-2	QUANTITY NRH 196-C-2	QUANTITY NRH 196-A-3
	Dogwood Trees 5' - 8'	Each			35
	Maple Trees 8' - 10'	"			10
	Sour Gum Trees 8' - 10'	"			10
	Persimmon Trees 8' - 10'	"			10
	Stone Wall - Dry	Cu. Yd.			14
	Cleaning & Clearing	Lin. Ft.		4250	3815
	Indian Currant Shrubs - Nursery grown 18"-24"	Each	1390		525
	Excavation	Lin Ft.	1590	4247	4769
	Topsoil	Cu. Yd.	166	70	106
	Honeysuckle - Strong Collected	Each	3415	4740	3040
	Virginia Creeper	"	6690	2700	1838
	Red Cedar Trees 3' - 4'	"	190		190
	Red Bud Trees 6' - 8'	"	140	100	25
	Locust Trees 1-3 yr. Seedlings	"	1100		10
	Trumpet Creeper Strong Collected	"	1950	1245	600
	Spicewood - Nursery grown 3' - 4'	"	125		100
	Seeding	Sq. Ft.	4300	7500	96560
	Excavation for Structures	Cu. Yd.			14

DRY RUBBLE RETAINING WALL									
STATION TO STATION	KIND	SIDE	LENGTH	SIZE		STRUCTURE EXCAVATION Cu. Yds.	DRY RUBBLE MASONRY Cu. Yds.		REMARKS
				H	W				
484+00	Grav.	Lt.	30'	3'	1.5' & 3.5'	14	14		

GENERAL NOTES

Extend Pipe at Station 485+62. 20 feet on Right. - to be done by Maintenance Forces of State.

All plants to be collected in region except Indian Currant, and Spicewood.

All trees to be tied to tall stake equal to three-fourths the height of tree.

Trees to be planted a minimum of 25 feet from center of Roadway.

Seed mixture to be of the following Analysis

50 Lb	Kentucky Blue Grass	36 %
15 "	Red Top	12 %
15 "	Dutch Clover	12 %
10 "	Perennial Rye	08 %
10 "	Orchard Grass	08 %
10 "	Timothy	08 %
10 "	Canada Blue Grass	08 %
10 "	Korean Lespedeza	08 %

SPECIAL PROVISIONS GOVERNING PUBLIC WORKS HIGHWAY PROJECTS UNDER NATIONAL INDUSTRIAL RECOVERY ACT ADOPTED BY STATE ROAD COMMISSION JULY 27 1934 REVISED WILL GOVERN THIS PROJECT

SCALE MINIMUM RATES TO BE .45