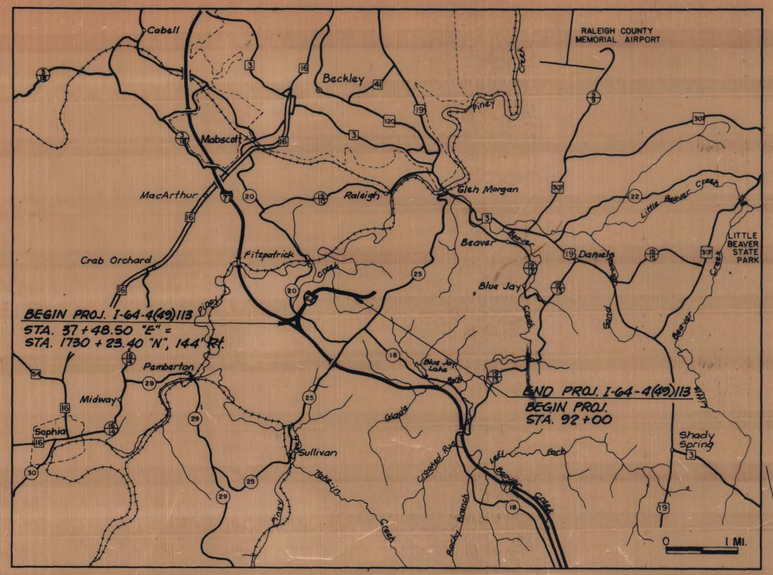
WEST VIRGINIA
DEPARTMENT OF HIGHWAYS

RIGHT OF WAY PLANS
FOR
STATE HIGHWAY

STATE PROJECT NO. X341-64-113.00
FEDERAL PROJECT NO. I-64-4(49)113
ROUTE NO. I-64

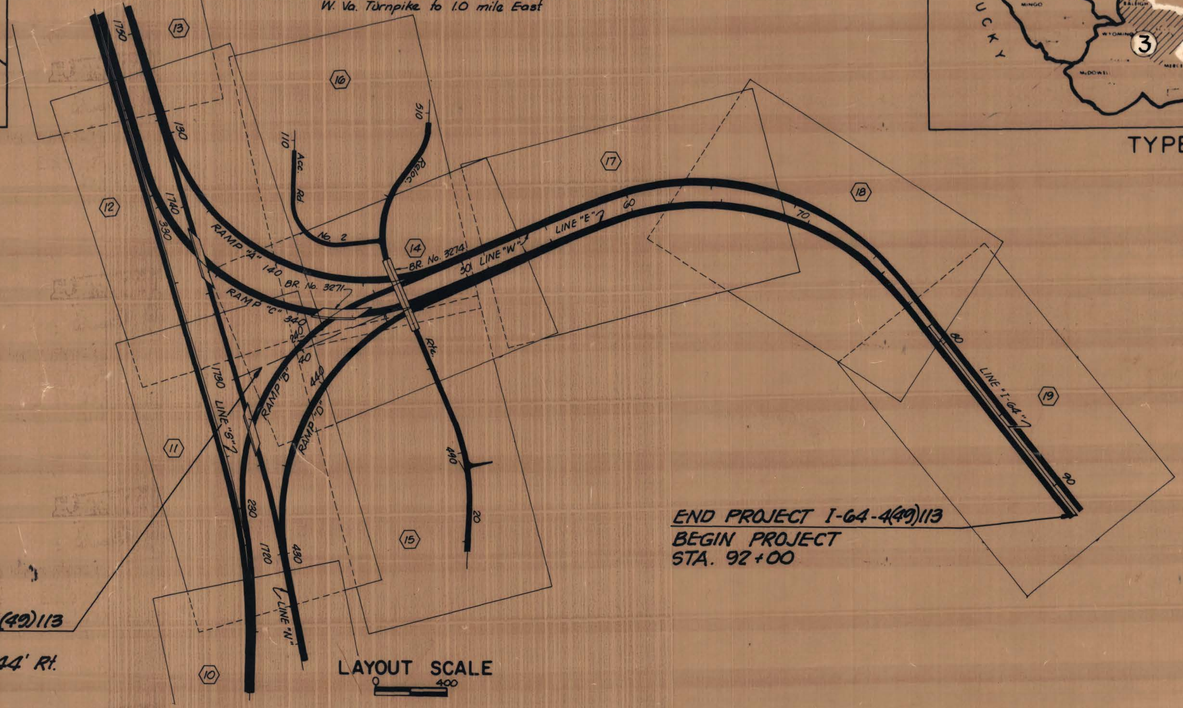
RALEIGH COUNTY
SHADY SPRINGS DISTRICT

Sta. 37+48.50 to Sta. 92+00 = 5,451.50 feet = 1.03 miles
W. Va. Turnpike to 1.0 mile East



VICINITY MAP
THIS PROJECT IS A FULLY CONTROLLED ACCESS FACILITY

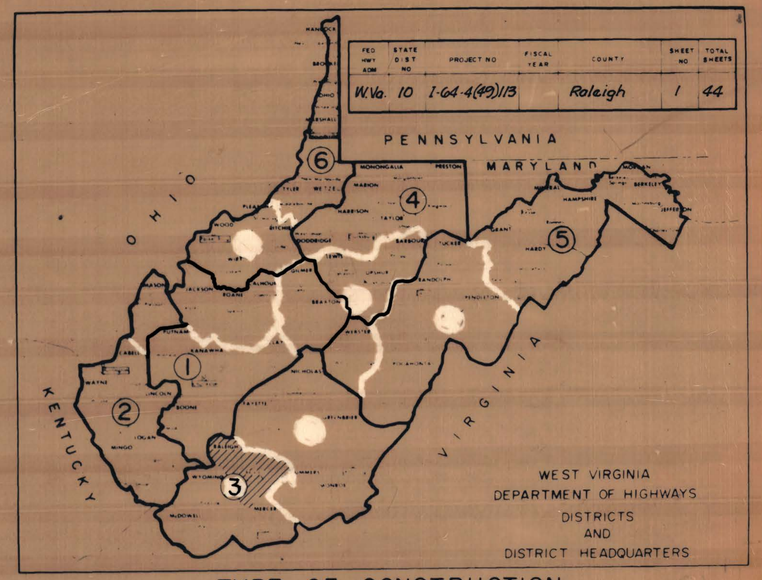
UTILITIES ENCOUNTERED	RELOC. PLANS
Appalachian Power Company	
Chesapeake and Potomac Telephone Company	



BEGIN PROJECT I-64-4(49)113
STA. 37+48.50 "E" =
STA. 1730+23.40 "N", 144' Rt.

END PROJECT I-64-4(49)113
BEGIN PROJECT
STA. 92+00

LAYOUT SCALE 0 400



TYPE OF CONSTRUCTION
RIGHT OF WAY

PLANS PREPARED BY
NEFF, LONGEST & BEAM AND ASSOC.
CONSULTING ENGINEERS
INDIANAPOLIS, INDIANA – CHARLESTON, WEST VIRGINIA

Hubert L. Longest III
REGISTERED
NO. 5546
STATE OF
WEST VIRGINIA
PROFESSIONAL ENGINEER
3/3/83

SCALES
PLAN HOR. 0 50
PROFILE VERT 0 10
HOR. 0 50

DESIGN DESIGNATION	
A.D.T. ( ) =	
A.D.T. ( ) =	
D.H.V.	=
D	=
T	=
V	=

CONVENTIONAL SIGNS

- State Line
- County Line
- Corporation Line
- Proposed R/W Line
- Property Line
- Existing Fence
- Proposed Fence
- Edge of Stream
- Proposed Guard Rail
- Existing Guard Rail
- Railroad
- Gas Line
- Water Line
- Telephone Line
- Electric Line
- Telephone Pole
- Power Pole
- Combined Power and Telephone Pole
- Tree
- Shrub
- Right of Way Marker

INDEX TO SHEETS

No.	DESCRIPTION	No.	DESCRIPTION
1	TITLE SHEET		
2	OWNERSHIP INDEX		
3	UTILITY INDEX		
4-8	TYPICAL SECTIONS		
9	PROPERTY MAP		
10-19	PLAN SHEETS		
20-44	PROFILE SHEETS		

REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

March 29, 19 83

I HEREBY CERTIFY THAT THIS IS A CORRECT COPY OF THE PLANS OF PROJECT I-64-4(49)113.

EXECUTIVE SECRETARY-PLANNING MANAGER

RECOMMENDED J.E. Bailey — DIRECTOR RIGHT OF WAY DIVISION
RECOMMENDED — DIRECTOR ROADWAY DESIGN DIVISION
RECOMMENDED Norman H. Trout — DEVELOPMENT ENGINEER
RECOMMENDED FOR APPROVAL Fred Van Pelt — STATE HIGHWAY ENGINEER
APPROVED — COMMISSIONER OF HIGHWAYS

APPROVED

DIVISION ADMINISTRATOR DATE

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

PROJECT NO. I-64-4(49)113, X341-64-113.00

12
13

PUBLIC ROADS DIV.	STATE DIST. NO.	STATE PROJ. NO.	FEDERAL PROJ. NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
W.Va.	10		I-64-4(49)113	1980	Raleigh	2	44

PARCEL NO.	PLAN SHEET NO.	TITLEHOLDER	RECORDED DEED BOOK	RECORDED PAGE NO.	AREA CONTROLLED ACCESS	AREA NON CONTROL ACCESS	AREA EASEMENT TYPE	AREA EASEMENT AREA	AREA REMAINING LEFT	AREA REMAINING RIGHT	AREA REMAINING TOTAL	AREA TOTAL TAKEN	AREA PARCEL TOTAL	REMARKS	R/W DEED RECORD DEED BOOK	R/W DEED RECORD PAGE NO.
1	14	Frederick Richmond												~~House owned, property leased; house to be removed~~ House Destroyed by Fire		
2	14	Elbert Young												House owned, property leased; house to be removed		
3	11,12,14-19	Beaver Coal Company Ltd.	K 463/29	169 363/183	Tr. 1-23.26 Tr. 2-54.88	Tr. 1-0.29 Tr. 2-3.49 Tr. 3-1.57 Tr. 4-1.05	Perm.-Tr. 1	0.24			7411.23	88.02	7499.25		676	260
							Perm.-Tr. 2	2.89								
							Temp.-Tr. 1	0.07								
							Temp.-Tr. 2	2.57								
							Perm.-Tr. 3	0.09								
							Perm.-Tr. 4	0.07								
							Perm.-Tr. 5	0.19								

REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

THE WEST VIRGINIA
DEPARTMENT OF HIGHWAYS

OWNERSHIP INDEX

PUBLIC ROADS DIV.	STATE DIST. NO.	STATE PROJ. NO.	FEDERAL PROJ. NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
W. VA.	10		I-64-4(49)113	1980	Raleigh	3	44

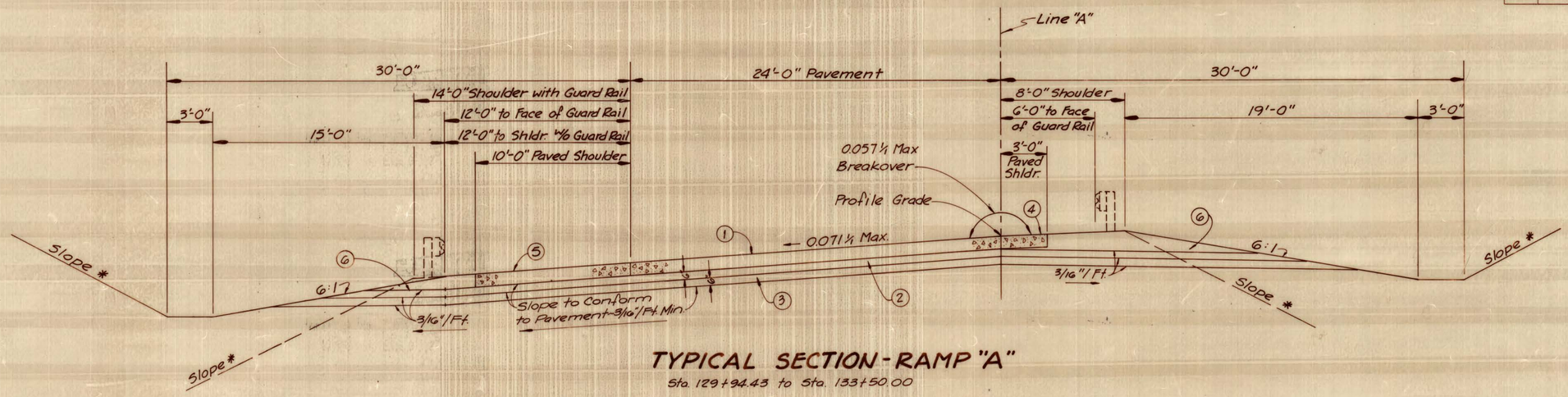
UTILITIES

STATION	SHEET Nº	DESCRIPTION	DISPOSITION
140+50 to 145+00 "Ramp A"		Appalachian Power Company	
140+50 to 145+00 "Ramp A"		C & P Tepephone	
245+05 "Ramp B"		Appalachian Power Company	
245+05 "Ramp B"		C & P Telephone	
245+80 "Ramp B"		Appalachian Power Company	
245+80 "Ramp B"		C & P Telephone	
146+00 "Ramp A."		Appalachian Power Company	
146+00 "Ramp A"		C & P Telephone	
500+95 "Reloc. Rte. 20"		Appalachian Power Company	
500+95 "Reloc. Rte. 20"		C & P Telephone	

UTILITY INDEX

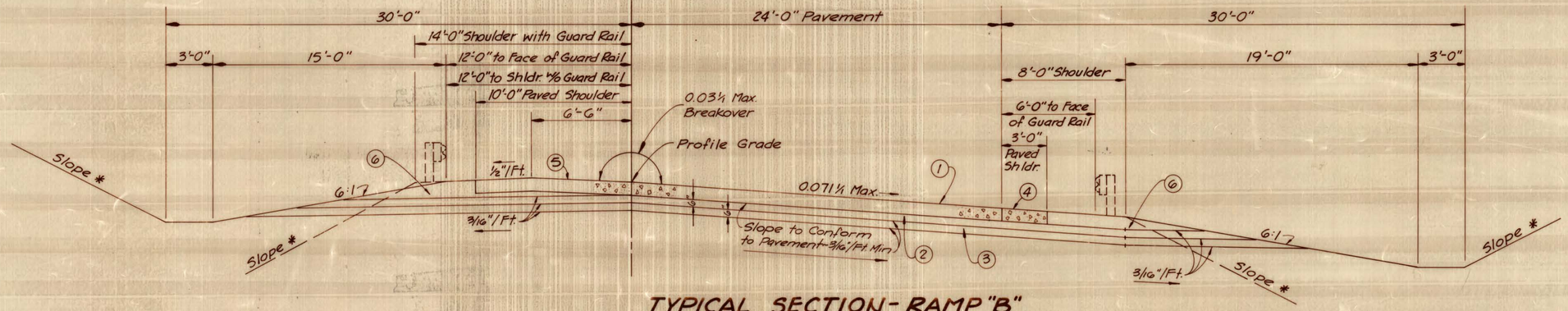
REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

PUBLIC ROADS DIV.	STATE DIST. NO.	STATE PROJ. NO.	FEDERAL PROJ. NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
W.VA	3		I-64-4(49)13	198	Raleigh	4	44



TYPICAL SECTION - RAMP "A"

Sta. 129+94.43 to Sta. 133+50.00



TYPICAL SECTION - RAMP "B"

Sta. 229+08.40 to Sta. 232+00.00

* See Cross Sections

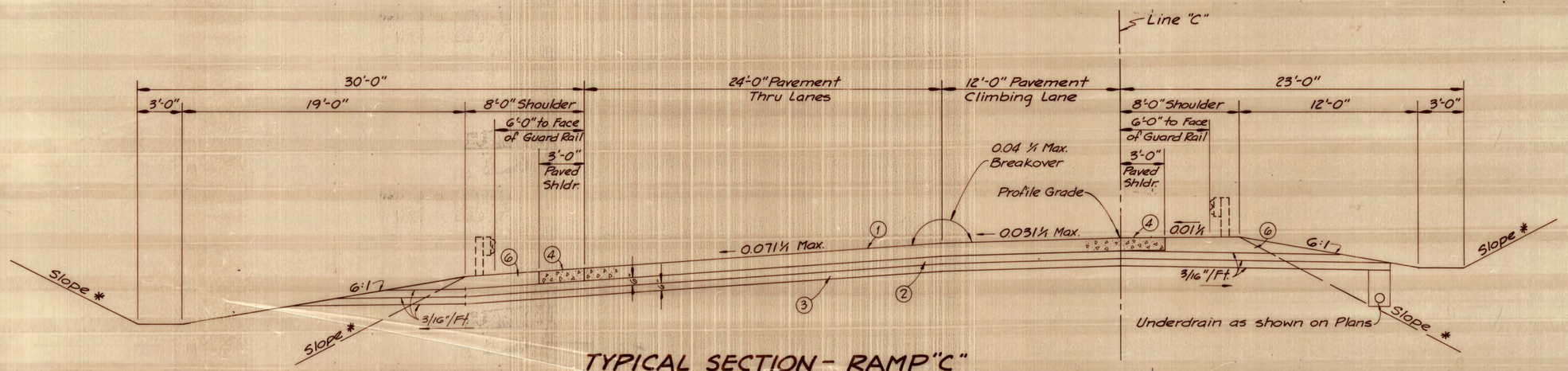
See Sheet No. 2 for Legend
See Sheet No. 2 for Rounding Detail

TYPICAL SECTIONS RAMPS A & B

Scale: 1/4" = 1'

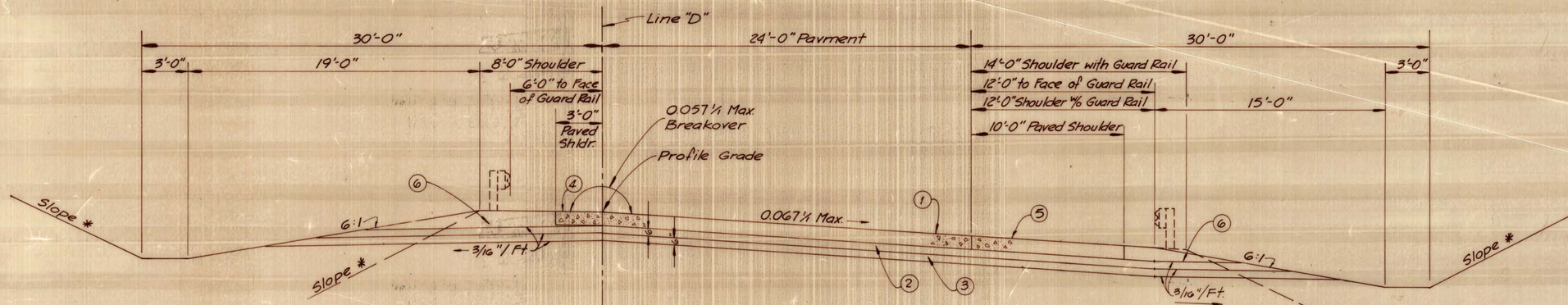
REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

Public Roads Div.	State Dist. No.	State Proj. No.	Federal Proj. No.	Fiscal Year	County	Sheet No.	Total Sheets
W.VA	3		I-64-1(99)113	198	Raleigh	5	41



TYPICAL SECTION - RAMP "C"

Sta. 327+94.40 to Sta. 331+00.00



TYPICAL SECTION - RAMP "D"

Sta. 429+76.91 to Sta. 443+50.00

* See Cross Sections

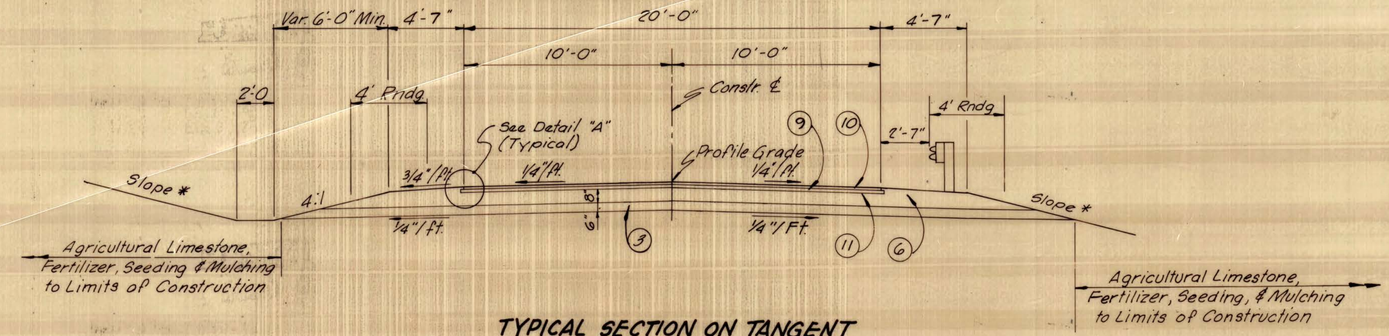
See Sheet No. 2 for Legend
See Sheet No. 2 for Rounding Detail

TYPICAL SECTIONS RAMPS C & D

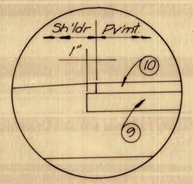
Scale: 1/4" = 1'

Revision Number	Sheet Number	Revisions	Date	By

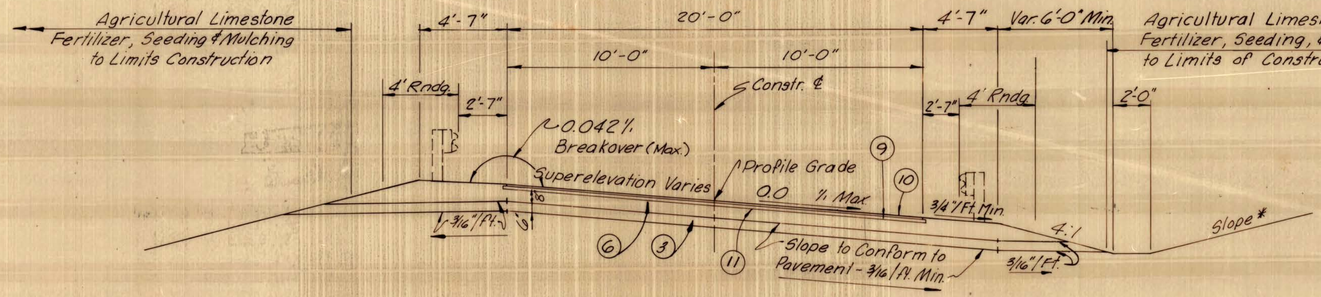
PUBLIC ROADS DIV.	STATE DIST. NO.	STATE PROJ. NO.	FEDERAL PROJ. NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
W.Va.	10	X341-77-35.10	I-77-2(35)35	198	Raleigh	6	44



TYPICAL SECTION ON TANGENT
RELOC. RTE. 20
Sta. 492+80 to Sta. 499+75



DETAIL "A"
NOT TO SCALE



TYPICAL SECTION IN SUPERELEVATION
RELOC. RTE. 20
Sta. 486+00 to Sta. 492+80
Sta. 499+75 to Sta. 509+50

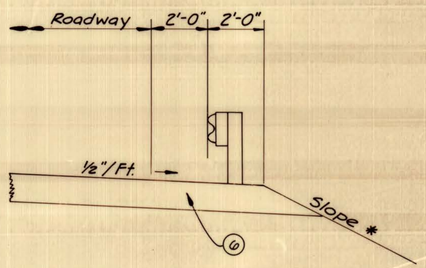
* See Cross Sections

See Sheet Nº 2 For Legend
See Sheet Nº 2 For Rounding Detail

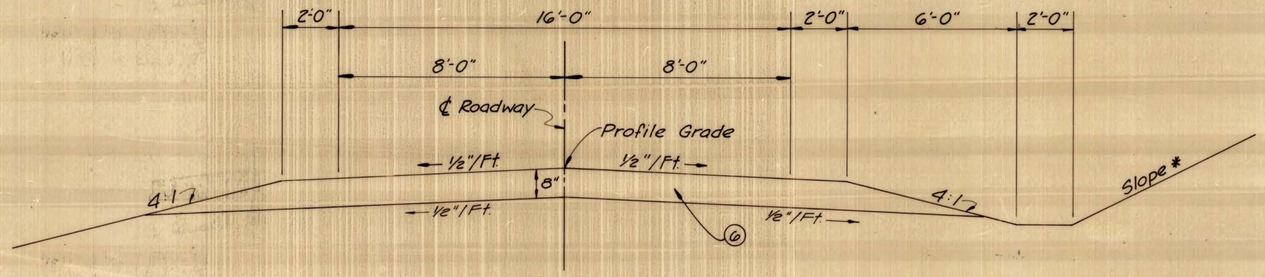
TYPICAL ROAD SECTIONS
RELOC. RTE. 20
Scale: 1/4" = 1'-0"

REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

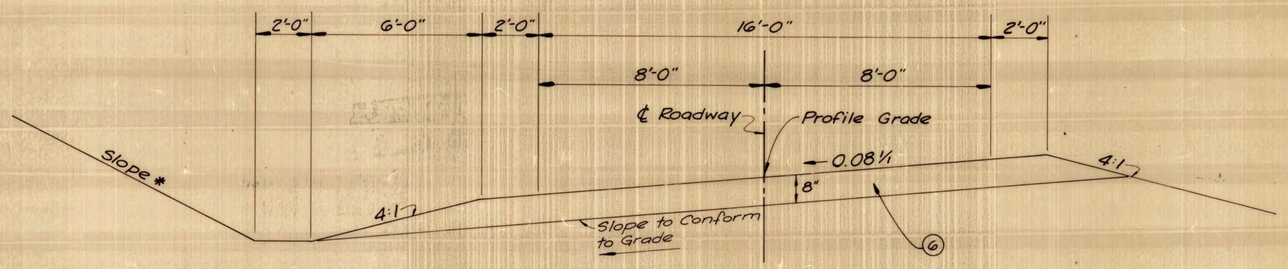
PUBLIC ROADS DIV.	STATE DIST. NO.	STATE PROJ. NO.	FEDERAL PROJ. NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
W.Va	10	X341 -64- 13.00	I-64-4(49)113	198	Raleig	7	44



SHOULDER WITH GUARDRAIL
ACC. RD. Nº 2



TYPICAL SECTION ON TANGENT
ACC. RD. Nº 2
Sta. 100+10 to Sta. 100+75
Sta. 108+00 to Sta. 109+50



TYPICAL SECTION IN SUPERELEVATION
ACC RD. Nº 2
Sta. 100+75 to Sta. 108+00

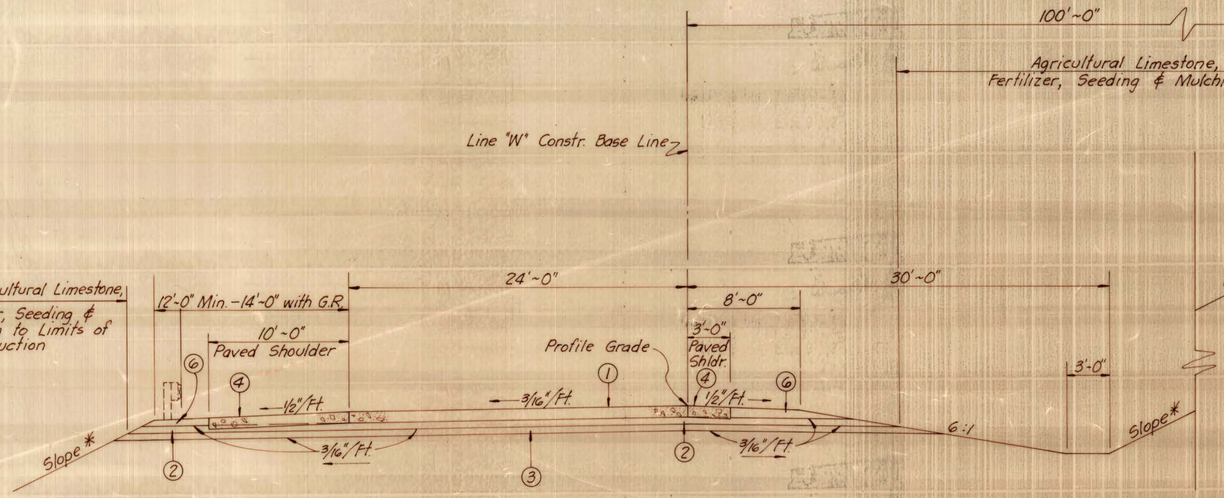
* See Cross Sections

For Legend See Sheet Nº 2
For Rounding Details See Sheet Nº 2

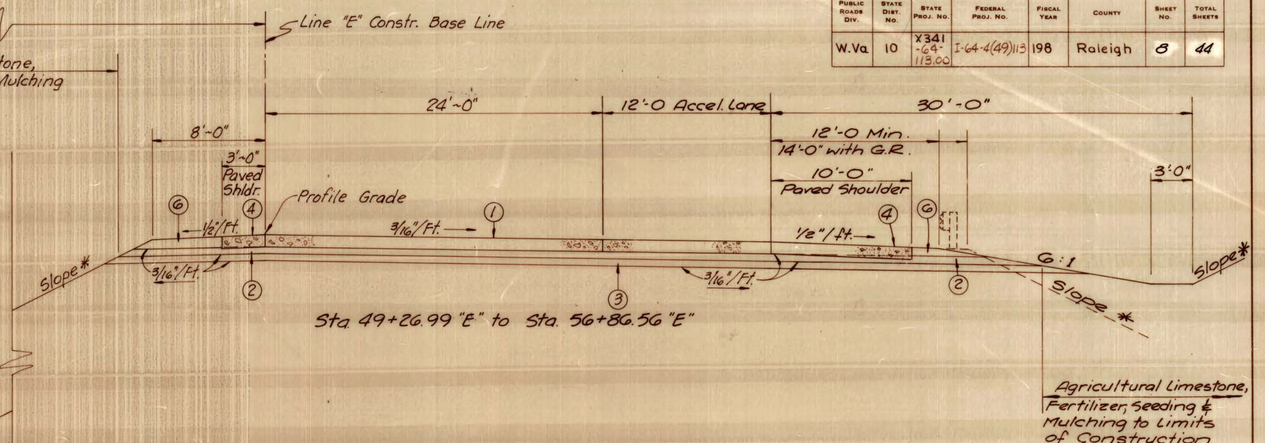
TYPICAL SECTIONS
ACC. RD. Nº 2
Scale: 3/8"=1'

REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

PUBLIC ROADS DIV.	STATE DIST. NO.	STATE PROJ. NO.	FEDERAL PROJ. NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
W.Va	10	X341 -64- 113.00	I-64-4(49)113	198	Raleigh	8	44

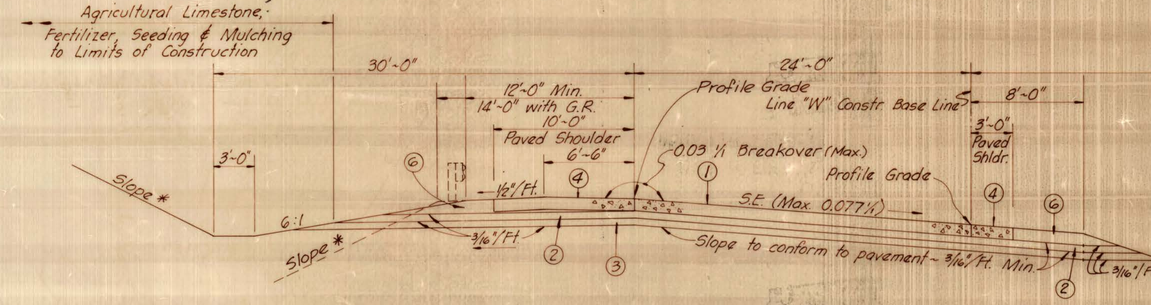


Sta. 49+26.99 "W" to Sta. 55+39.06 "W"

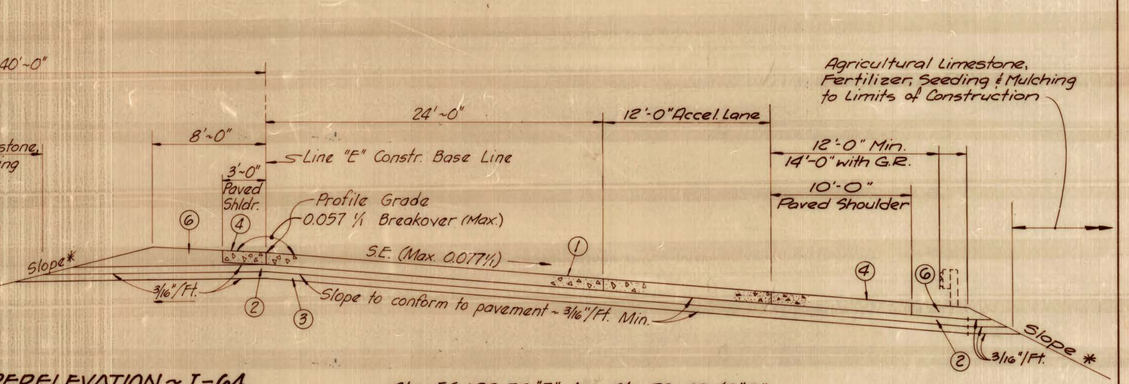


Sta. 49+26.99 "E" to Sta. 56+86.56 "E"

TYPICAL SECTION ON TANGENT ~ I-64 (100' SEPARATION)



Sta. 55+39.06 "W" to Sta. 79+79.67 "W"



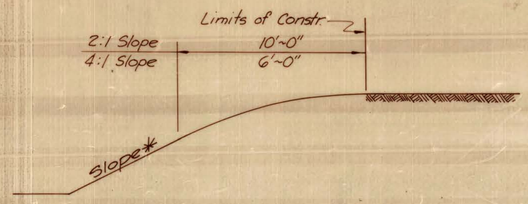
TYPICAL SECTION IN SUPERELEVATION ~ I-64 (VARIABLE SEPARATION)

Sta. 56+86.56 "E" to Sta. 78+02.49 "E"

* See Cross Sections

LEGEND

	ITEM	DESCRIPTION	UNIT
(1)	501-1(10")	Portland Cement Concrete Pavement	S.Y.
(2)	307-1	Class 1 Aggregate Base Course	C.Y.
Alt. 1	301-1	Cement Treated Base Course Aggregate	C.Y.
	301-2	Portland Cement	C.W.T.
	301-3	Bituminous Material	GAL.
Alt. 2	302-1	(6") Hot Mixed, Hot Laid Bit. Treated Base Course Aggregate	C.Y.
	302-2	Bituminous Material	GAL.
(3)	207-2	Subgrade	C.Y.
(4)	501-5(10")	Portland Cement Concrete Pavement (Non-Reinf.)	S.Y.
(5)	501-5(10")	Portland Cement Concrete Pavement (Non-Reinf.)	S.Y.
Alt. 1	501-5(10"-6")	Portland Cement Concrete Pavement (Non-Reinf.)	S.Y.
	307-1	Class 1 Aggregate Base Course	C.Y.
(6)	307-1	Class 1 Aggregate Base Course	C.Y.
(7)	307-1(1)	Class 1 Aggregate Base Course	TON
	301-1(1)	Cement Treated Base Course Aggregate	TON
(8)	301-2	Portland Cement	C.W.T.
	301-3	Bituminous Material	GAL.
(9)	401-1(1)	2" Hot-Laid Bituminous Concrete Base Course	TON
(10)	401-2(1)	1" Hot-Laid Bituminous Concrete Wearing Course	TON
(11)	409-2	Bituminous Material	GAL.



ROUNDING DETAIL

TYPICAL ROAD SECTIONS

Scale: 3/16" = 1'-0"

REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

PUBLIC ROADS DIV.	STATE DIST. NO.	STATE PROJ. NO.	FEDERAL PROJ. NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
W.Va.	10	X341 -64- 113.00	I-64-4(49)113	1980	Raleigh	9	44

Perm. Drainage Easement Tract 3

C.A. R/W

Line "W"

Line "M"

Perm. Drainage Easement Tract 4

Perm. Drainage Easement Tract 1

Temp. Dr. Constr. Easement Tract 2

Acc. Rd. No. 2

BRIDGE NO. 3278

BRIDGE NO. 3271

BRIDGE NO. 3274

Line "E"

Line "F"

Line "G"

Line "H"

Line "I"

Line "K"

Line "L"

Line "N"

Line "O"

Line "P"

Line "Q"

Line "R"

Line "S"

Line "T"

Line "U"

Line "V"

Line "X"

Line "Y"

Line "Z"

Line "AA"

Line "AB"

Line "AC"

Line "AD"

Line "AE"

Line "AF"

Line "AG"

Line "AH"

Line "AI"

Line "AJ"

Line "AK"

Line "AL"

Line "AM"

Line "AN"

Line "AO"

Line "AP"

Line "AQ"

Line "AR"

Line "AS"

Line "AT"

Line "AU"

Line "AV"

Line "AW"

Line "AX"

Line "AY"

Line "AZ"

Line "BA"

Line "BB"

Line "BC"

Line "BD"

Line "BE"

Line "BF"

Line "BG"

Line "BH"

Line "BI"

Line "BJ"

Line "BK"

Line "BL"

Line "BM"

Line "BN"

Line "BO"

Line "BP"

Line "BQ"

Line "BR"

Line "BS"

Line "BT"

Line "BU"

Line "BV"

Line "BW"

Line "BX"

Line "BY"

Line "BZ"

Line "CA"

Line "CB"

Line "CC"

Line "CD"

Line "CE"

Line "CF"

Line "CG"

Line "CH"

Line "CI"

Line "CJ"

Line "CK"

Line "CL"

Line "CM"

Line "CN"

Line "CO"

Line "CP"

Line "CQ"

Line "CR"

Line "CS"

Line "CT"

Line "CU"

Line "CV"

Line "CW"

Line "CX"

Line "CY"

Line "CZ"

Line "DA"

Line "DB"

Line "DC"

Line "DD"

Line "DE"

Line "DF"

Line "DG"

Line "DH"

Line "DI"

Line "DJ"

Line "DK"

Line "DL"

Line "DM"

Line "DN"

Line "DO"

Line "DP"

Line "DQ"

Line "DR"

Line "DS"

Line "DT"

Line "DU"

Line "DV"

Line "DW"

Line "DX"

Line "DY"

Line "DZ"

Line "EA"

Line "EB"

Line "EC"

Line "ED"

Line "EE"

Line "EF"

Line "EG"

Line "EH"

Line "EI"

Line "EJ"

Line "EK"

Line "EL"

Line "EM"

Line "EN"

Line "EO"

Line "EP"

Line "EQ"

Line "ER"

Line "ES"

Line "ET"

Line "EU"

Line "EV"

Line "EW"

Line "EX"

Line "EY"

Line "EZ"

Line "FA"

Line "FB"

Line "FC"

Line "FD"

Line "FE"

Line "FF"

Line "FG"

Line "FH"

Line "FI"

Line "FJ"

Line "FK"

Line "FL"

Line "FM"

Line "FN"

Line "FO"

Line "FP"

Line "FQ"

Line "FR"

Line "FS"

Line "FT"

Line "FU"

Line "FV"

Line "FW"

Line "FX"

Line "FY"

Line "FZ"

Line "GA"

Line "GB"

Line "GC"

Line "GD"

Line "GE"

Line "GF"

Line "GG"

Line "GH"

Line "GI"

Line "GJ"

Line "GK"

Line "GL"

Line "GM"

Line "GN"

Line "GO"

Line "GP"

Line "GQ"

Line "GR"

Line "GS"

Line "GT"

Line "GU"

Line "GV"

Line "GW"

Line "GX"

Line "GY"

Line "GZ"

Line "HA"

Line "HB"

Line "HC"

Line "HD"

Line "HE"

Line "HF"

Line "HG"

Line "HH"

Line "HI"

Line "HJ"

Line "HK"

Line "HL"

Line "HM"

Line "HN"

Line "HO"

Line "HP"

Line "HQ"

Line "HR"

Line "HS"

Line "HT"

Line "HU"

Line "HV"

Line "HW"

Line "HX"

Line "HY"

Line "HZ"

Line "IA"

Line "IB"

Line "IC"

Line "ID"

Line "IE"

Line "IF"

Line "IG"

Line "IH"

Line "II"

Line "IJ"

Line "IK"

Line "IL"

Line "IM"

Line "IN"

Line "IO"

Line "IP"

Line "IQ"

Line "IR"

Line "IS"

Line "IT"

Line "IU"

Line "IV"

Line "IW"

Line "IX"

Line "IY"

Line "IZ"

Line "JA"

Line "JB"

Line "JC"

Line "JD"

Line "JE"

Line "JF"

Line "JG"

Line "JH"

Line "JI"

Line "JJ"

Line "JK"

Line "JL"

Line "JM"

Line "JN"

Line "JO"

Line "JP"

Line "JQ"

Line "JR"

Line "JS"

Line "JT"

Line "JU"

Line "JV"

Line "JW"

Line "JX"

Line "JY"

Line "JZ"

Line "KA"

Line "KB"

Line "KC"

Line "KD"

Line "KE"

Line "KF"

Line "KG"

Line "KH"

Line "KI"

Line "KJ"

Line "KK"

Line "KL"

Line "KM"

Line "KN"

Line "KO"

Line "KP"

Line "KQ"

Line "KR"

Line "KS"

Line "KT"

Line "KU"

Line "KV"

Line "KW"

Line "KX"

Line "KY"

Line "KZ"

Line "LA"

Line "LB"

Line "LC"

Line "LD"

Line "LE"

Line "LF"

Line "LG"

Line "LH"

Line "LI"

Line "LJ"

Line "LK"

Line "LL"

Line "LM"

Line "LN"

Line "LO"

Line "LP"

Line "LQ"

Line "LR"

Line "LS"

Line "LT"

Line "LU"

Line "LV"

Line "LW"

Line "LX"

Line "LY"

Line "LZ"

Line "MA"

Line "MB"

Line "MC"

Line "MD"

Line "ME"

Line "MF"

Line "MG"

Line "MH"

Line "MI"

Line "MJ"

Line "MK"

Line "ML"

Line "MM"

Line "MN"

Line "MO"

Line "MP"

Line "MQ"

Line "MR"

Line "MS"

Line "MT"

Line "MU"

Line "MV"

Line "MW"

Line "MX"

Line "MY"

Line "MZ"

Line "NA"

Line "NB"

Line "NC"

Line "ND"

Line "NE"

Line "NF"

Line "NG"

Line "NH"

Line "NI"

Line "NJ"

Line "NK"

Line "NL"

Line "NM"

Line "NN"

Line "NO"

Line "NP"

Line "NQ"

Line "NR"

Line "NS"

Line "NT"

Line "NU"

Line "NV"

Line "NW"

Line "NX"

Line "NY"

Line "NZ"

Line "OA"

Line "OB"

Line "OC"

Line "OD"

Line "OE"

Line "OF"

Line "OG"

Line "OH"

Line "OI"

Line "OJ"

Line "OK"

Line "OL"

Line "OM"

Line "ON"

Line "OO"

Line "OP"

Line "OQ"

Line "OR"

Line "OS"

Line "OT"

Line "OU"

Line "OV"

Line "OW"

Line "OX"

Line "OY"

Line "OZ"

Line "PA"

Line "PB"

Line "PC"

Line "PD"

Line "PE"

Line "PF"

Line "PG"

Line "PH"

Line "PI"

Line "PJ"

Line "PK"

Line "PL"

Line "PM"

Line "PN"

Line "PO"

Line "PP"

Line "PQ"

Line "PR"

Line "PS"

Line "PT"

Line "PU"

Line "PV"

Line "PW"

Line "PX"

Line "PY"

Line "PZ"

Line "QA"

Line "QB"

Line "QC"

Line "QD"

Line "QE"

Line "QF"

Line "QG"

Line "QH"

Line "QI"

Line "QJ"

Line "QK"

Line "QL"

Line "QM"

Line "QN"

Line "QO"

Line "QP"

Line "QQ"

Line "QR"

Line "QS"

Line "QT"

Line "QU"

Line "QV"

Line "QW"

Line "QX"

Line "QY"

Line "QZ"

Line "RA"

Line "RB"

Line "RC"

Line "RD"

Line "RE"

Line "RF"

Line "RG"

Line "RH"

Line "RI"

Line "RJ"

Line "RK"

Line "RL"

Line "RM"

Line "RN"

Line "RO"

Line "RP"

Line "RQ"

Line "RR"

Line "RS"

Line "RT"

Line "RU"

Line "RV"

Line "RW"

Line "RX"

Line "RY"

Line "RZ"

Line "SA"

Line "SB"

Line "SC"

Line "SD"

Line "SE"

Line "SF"

Line "SG"

Line "SH"

Line "SI"

Line "SJ"

Line "SK"

Line "SL"

Line "SM"

Line "SN"

Line "SO"

Line "SP"

Line "SQ"

Line "SR"

Line "SS"

Line "ST"

Line "SU"

Line "SV"

Line "SW"

Line "SX"

Line "SY"

Line "SZ"

Line "TA"

Line "TB"

Line "TC"

Line "TD"

Line "TE"

Line "TF"

Line "TG"

Line "TH"

Line "TI"

Line "TJ"

Line "TK"

Line "TL"

Line "TM"

Line "TN"

Line "TO"

Line "TP"

Line "TQ"

Line "TR"

Line "TS"

Line "TT"

Line "TU"

Line "TV"

Line "TW"

Line "TX"

Line "TY"

Line "TZ"

Line "UA"

Line "UB"

Line "UC"

Line "UD"

Line "UE"

Line "UF"

Line "UG"

Line "UH"

Line "UI"

Line "UJ"

Line "UK"

Line "UL"

Line "UM"

Line "UN"

Line "UO"

Line "UP"

Line "UQ"

Line "UR"

Line "US"

Line "UT"

Line "UU"

Line "UV"

Line "UW"

Line "UX"

Line "UY"

Line "UZ"

Line "VA"

Line "VB"

Line "VC"

Line "VD"

Line "VE"

Line "VF"

Line "VG"

Line "VH"

Line "VI"

Line "VJ"

Line "VK"

Line "VL"

Line "VM"

Line "VN"

Line "VO"

Line "VP"

Line "VQ"

Line "VR"

Line "VS"

Line "VT"

Line "VU"

Line "VV"

Line "VW"

Line "VX"

Line "VY"

Line "VZ"

Line "WA"

Line "WB"

Line "WC"

Line "WD"

Line "WE"

Line "WF"

Line "WG"

Line "WH"

Line "WI"

Line "WJ"

Line "WK"

Line "WL"

Line "WM"

Line "WN"

Line "WO"

Line "WP"

Line "WQ"

Line "WR"

Line "WS"

Line "WT"

Line "WU"

Line "WV"

Line "WW"

Line "WX"

Line "WY"

Line "WZ"

Line "XA"

Line "XB"

Line "XC"

Line "XD"

Line "XE"

Line "XF"

Line "XG"

Line "XH"

Line "XI"

Line "XJ"

Line "XK"

Line "XL"

Line "XM"

Line "XN"

Line "XO"

Line "XP"

Line "XQ"

Line "XR"

Line "XS"

Line "XT"

Line "XU"

Line "XV"

Line "XW"

Line "XX"

Line "XY"

Line "XZ"

Line "YA"

Line "YB"

Line "YC"

Line "YD"

Line "YE"

Line "YF"

Line "YG"

Line "YH"

Line "YI"

Line "YJ"

Line "YK"

Line "YL"

Line "YM"

Line "YN"

Line "YO"

Line "YP"

Line "YQ"

Line "YR"

Line "YS"

Line "YT"

Line "YU"

Line "YV"

Line "YW"

Line "YX"

Line "YY"

Line "YZ"

Line "ZA"

Line "ZB"

Line "ZC"

Line "ZD"

Line "ZE"

Line "ZF"

Line "ZG"

Line "ZH"

Line "ZI"

Line "ZJ"

Line "ZK"

Line "ZL"

Line "ZM"

Line "ZN"

Line "ZO"

Line "ZP"

Line "ZQ"

Line "ZR"

Line "ZS"

Line "ZT"

Line "ZU"

Line "ZV"

Line "ZW"

Line "ZX"

Line "ZY"

Line "ZZ"

Perm. Drainage Easement Tract 2

Temp. Dr. Constr. Easement Tract 1

BEGIN PROJ. I-64-4(49)113
STA. 37+48.50 "E"

END PROJ. I-64-4(49)113
BEGIN PROJ. I-64-4( )
STA. 92+00

83+78
462.5' Rt.

85+00
484' Rt.

86+00
790' Rt.

84+00
350' Rt.

85+78
850' Rt.

86+50
1320' Rt.

87+00
1300' Rt.

THIS AREA TO BE ACQUIRED ON PROJ. I-77-2(41)35

1230106.6 N
9604004.2 E

Piney

SHADY SPRING DISTRICT

TOWN DISTRICT

Howard Burned

Existing Turnpike

Exist. T.P.R/W

C.A.R/W & Exist. T.P.R/W

PROPERTY MAP

REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

PUBLIC ROADS DIV.	STATE DIST. NO.	STATE PROJ. NO.	FEDERAL PROJ. NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
W.Va.	10	X341	I-64-4(69)18 R/W	198	Raleigh	10	44

MATCH LINE STA. 1702+50 "S"

1703+25 141' Lt

1703+25 111' Lt

C.A. R/W & Exist. T.P. R/W

1707+46 130' Lt

1707+46 110' Lt

1709+76 180' Lt

1709+76 130' Lt

1709+00 109' Lt

1711+00 109' Lt

1713+25 180' Lt

1713+25 110' Lt

R/W Fence

P.O.T. 1713+74.54 "S" =
T.S. 1713+74.54 "S-1"
T.S. 1714+87.82 "S"

S.C. 1716+74.54 "S-1"

MATCH LINE STA. 1717+00 "S"

1705

Line "S"

Limits of Constr.

1710

70:1 Taper

N 46° 17' 21" W

1715

1705+32.54 "S" End Taper

Exist. T.P. R/W

1713+74.54 "S" End Ramp Lanes Begin Acceleration Lane

MATCH LINE STA. 1703+00 "N"

896-C-21

N 58° 14' 16" W

Line "N"

896-C-20 855/8

R/W Fence

1708+75 135' Rt

1711+00 230' Rt

CA R/W

MATCH LINE STA. 1717+50 "N"

SHEET 11

THIS SHEET IS FOR INFORMATION ONLY

SEE PROJECT I-77-2(61)35

R/W PLAN I-64
Sta. 1702+50 to Sta. 1717+00 "S"
Sta. 1703+00 to Sta. 1717+50 "N"

Scale: 1"=50'

REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

PUBLIC ROADS DIV.	STATE DIST. NO.	STATE PROJ. NO.	FEDERAL PROJ. NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
W.Va.	10	X341 -64- 113.00	I-64-4(49)113 R/W	198	Raleigh	11	44

CURVE DATA (Line "S")

P.I. Sta. 1719 + 98.70

Δ = 17° 29' 26.46" Lt.	Lc = 574.53'
Dc = 2° 00' 00"	Ts = 590.88'
Rc = 2,864.79'	Es = 35.02'
Ls = 300.00'	L.T. = 200.03'
θs = 3° 00' 00"	S.T. = 100.03'
Δc = 11° 29' 26.46"	S.E. = 0.051 ft

DESIGN SPEED = 60 M.P.H.

CURVE DATA (Line "N")

P.I. Sta. 1723 + 15.59

Δ = 5° 32' 51.77" Lt.	
Dc = 1° 00' 00"	
Rc = 5,729.58'	
Tc = 277.60'	
Lc = 554.77'	
Ec = 6.72'	
S.E. = 0.029 ft	

DESIGN SPEED = 60 M.P.H.

CURVE DATA (Line "S-1")

P.I. Sta. 1719 + 65.42

Δ = 17° 29' 26.44" Lt.	Lc = 574.53'
Dc = 2° 00' 00"	Ts = 590.88'
Rc = 2,864.79'	Es = 35.02'
Ls = 300.00'	L.T. = 200.03'
θs = 3° 00' 00"	S.T. = 100.03'
Δc = 11° 29' 26.46"	S.E. = 0.051 ft

DESIGN SPEED = 60 M.P.H.

MATCH LINE STA. 1717 + 00 "S"

S.C. 1717 + 07.82 "S"

1719+00 "S" 90' Lt.

C.A. R/W

R/W Fence

Limits of Constr.

N 46° 17' 41" W

Line "S"

Line "S-1"

1720

230

C.S. 1722 + 49.07 "S-1"

C.S. 1722 + 82.35 "S"

1723+00 110' Lt.

1725+00 280' Lt.

S.T. 1725 + 49.07 "S-1"

P.O.T. 1725 + 80.81 "S-1" = S.T. 1725 + 82.35 "S", 10' Lt.

1729+50 350' Lt.

R/W Fence

896-A-11

FOR THIS AREA SEE PROJECT I-77-2(61)35

1725

Line "S"

N 63° 47' 07" W

1730

Exist. T.P. R/W

MATCH LINE STA. 1731 + 00 "S"

SHEET 12

SHEET 10

MATCH LINE STA. 1717 + 50 "N"

Exist. T.P. R/W

Limits of Constr.

P.C. 1720 + 37.99 "N"

1720+85 "N" 4' Lt.

P.O.C. 1721 + 10.29 "S" = P.C. 229 + 08.39 Line "B"

1730+06.61 "N" 36+03.04 "E"

N 58° 14' 16" W

1720

430

P.T. 1725 + 92.76 "N"

BRIDGE NO. 3272

Line "N"

1725

1730

N 63° 47' 07" W

235

CHARLES J. HALSTEAD et. ux.

BEGIN PROJECT I-64-4(49)113 R/W

STA. 37+48.50 "E"

STA. 1730+23.40 "N", 144' R.T.

Limits of Constr.

Line "D"

(Ch = S 56° 29' E, 1533.69')(R = 5879.65')

PROJECT LIMITS I-64-4(49)113

Limits of Constr.

Limits of Constr.

Line "B"

Exist. T.P. R/W

Line "E"

(N 87° 50' E, 1476.69')

1717+56 "N" 205' Rt.

P.O.T. 1719 + 68.44 "N" = P.C. 429 + 76.91 Line "D" 172' Lt.

End Deceleration Lane

Begin Ramp Lanes

Limits of Constr.

3

BEAVER COAL COMPANY, LTD.

Tract 1

MATCH LINE STA. 238 + 00 "B"

430+50 180' Rt.

C.A. R/W

R/W Fence

MATCH LINE STA. 438 + 50 "D"

SHEET 14

437+00 "D" 190' Rt.

MATCH LINE STA. 1732 + 00 "N"

SHEET 13

CURVE DATA (Line "D")

P.I. Sta. 440 + 04.73

Δ = 77° 49' 27.51" Rt.	
Dc = 4° 30' 00"	
Rc = 1,273.24'	
Tc = 1,027.82'	
Lc = 1,729.43'	
Ec = 363.08'	
S.E. = 0.067 ft	

DESIGN SPEED = 50 M.P.H.

CURVE DATA (Line "B")

P.I. Sta. 238 + 18.77

Δ = 76° 55' 51.23" Rt.	
Dc = 5° 00' 00"	
Rc = 1,145.92'	
Tc = 910.38'	
Lc = 1,538.62'	
Ec = 311.61'	
S.E. = 0.071 ft	

DESIGN SPEED = 50 M.P.H.

R/W PLAN I-64

Sta. 1717+00 to Sta. 1731+00 "S"
Sta. 1717+50 to Sta. 1732+00 "N"
Ramps "B" & "D"

Scale: 1"=50'

REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

Public Roads Div.	State Dist. No.	State Proj. No.	Federal Proj. No.	Fiscal Year	County	Sheet No.	Total Sheets
W.Va.	10	X341 -64- 113.00	I-64-4(49)113 R/W	198	Raleigh	12	44

MATCH LINE STA. 1731+00 "S"

MATCH LINE STA. 1745+50 "S"

SHEET 11

SHEET 13

C.A. R/W

R/W Fence

1734+50"S"
240' Lt.

1737+00"S"
150' Lt.

896-A-12

896-A-13

872-B-35

872-B-36

872-B-37

Limits of Constr.

872-B-24 FOR THIS AREA SEE PROJECT I-77-2(61)35

1735

Line "S"

N 63° 47' 07" W

1740

1745

330

Exist. T.P. R/W

P.O.T. 1741+44.25 "S" =
P.C. 327+94.40 Line "C", 4' Rt.

Road

48" R.C.P.

BRIDGE NO. 3273

335

Line "C"

Exist. T.P. R/W (Ch=S 56°29'E; 1533.69')(R=5879.65)

(S 63°58'15.9" E; 1109.37')

Line "A"

135

130

70:1 Taper

P.O.T. 1744+08.93 "N" =
P.C. 129+94.43 Line "A", 24' Rt.

1744+08.93 "N"
End Ramp Lands
Begin Acceleration Lane

1743+00"N"
172' Rt.

C.A. R/W & Exist. T.P. R/W

R/W Fence

STA. 1732+00 "N"

MATCH LINE

STA. 1746+50 "N"

MATCH LINE

Private

Ft. shed

Outhouse

STA. 339+00 "C"

SHEET 14

MATCH LINE STA. 140+00 "A"

3

BEAVER COAL COMPANY, LTD.
Tract 1

PROJECT LIMITS
I-64-4(49)113

Limits of Constr.

C.A. R/W

139+00"A"
200' Lt.

CURVE DATA (Line "C")
P.I. Sta. 340+81.18
Δc = 96° 37' 40.72" Lt.
Dc = 5° 00' 00"
Rc = 1,145.92'
Tc = 1,286.78'
Lc = 1,932.56'
Ec = 577.14'
S.E. = 0.071 ft.
DESIGN SPEED = 50 M.P.H.

CURVE DATA (Line "A")
P.I. Sta. 142+81.21
Δc = 96° 37' 40.71" Lt.
Dc = 5° 00' 00"
Rc = 1,145.92'
Tc = 1,286.78'
Lc = 1,932.56'
Ec = 577.14'
S.E. = 0.071 ft.
DESIGN SPEED = 50 M.P.H.

R/W PLAN I-64

Sta. 1731+00 to Sta. 1745+50 "S"
Sta. 1732+00 to Sta. 1746+50 "N"
Ramps "A" & "C"

Scale: 1"=50'

Revision Number	Sheet Number	Revisions	Date	By

Public Roads Div.	State Dist. No.	State Proj. No.	Federal Proj. No.	Fiscal Year	County	Sheet No.	Total Sheets
W. Va.	10	X341-64-113.00	I-64-4(49)113 R/W	198	Raleigh	13	44



THIS SHEET IS FOR INFORMATION ONLY

SEE PROJECT I-77-2(61)35

CURVE DATA (Line "S")

P.I. Sta. 1761 + 73.90

Δ = 36° 29' 54.34" Rt.	Lc = 1,524.92'
Dc = 2° 00' 00"	Ts = 1,095.04'
Rc = 2,864.79'	Es = 153.10'
Ls = 300.00'	L.T. = 200.03'
θs = 3° 00' 00"	S.T. = 100.03'
Δc = 30° 29' 54.34"	S.E. = 0.051 1/1

DESIGN SPEED = 60 M.P.H.

CURVE DATA (Line "N")

P.I. Sta. 1762 + 31.70

Δ = 36° 29' 54.35" Rt.	Lc = 1,524.92'
Dc = 2° 00' 00"	Ts = 1,095.04'
Rc = 2,864.79'	Es = 153.10'
Ls = 300.00'	L.T. = 200.03'
θs = 3° 00' 00"	S.T. = 100.03'
Δc = 30° 29' 54.35"	S.E. = 0.051 1/1

DESIGN SPEED = 60 M.P.H.

R/W PLAN I-64

Sta. 1745+50 to Sta. 1760+50 "S"

Sta. 1746+50 to Sta. 1761+00 "N"

Scale: 1" = 50'

REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

PUBLIC ROADS DIV.	STATE DIST. NO.	STATE PROJ. NO.	FEDERAL PROJ. NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
W.Va.	10	X-341 -77- 35.10	I-64-4(49)113 R/W	198	Raleigh	14	44

FOR RELOC. RTE. 20 R/W SEE SHEET No 16

CURVE DATA (Line "A")
P.I. Sta. 142+81.21
Δ=96° 37' 40.71" Lt.
Dc=5° 00' 00"
Rc=1,145.92'
Tc=1,286.78'
Lc=1,932.56'
Ec=577.14'
S.E.=0.071 ft
DESIGN SPEED=50 M.P.H.

CURVE DATA (Line "C")
P.I. Sta. 340+81.18
Δ=96° 37' 40.72" Lt.
Dc=5° 00' 00"
Rc=1,145.92'
Tc=1,286.78'
Lc=1,932.56'
Ec=577.14'
S.E.=0.071 ft

CURVE DATA (Line "B")
P.I. Sta. 238+18.77
Δ=76° 55' 51.23" Rt.
Dc=5° 00' 00"
Rc=1,145.92'
Tc=910.38'
Lc=1,538.62'
Ec=317.61'
S.E.=0.071 ft
DESIGN SPEED=50 M.P.H.

CURVE DATA (Line "D")
P.I. Sta. 440+04.73
Δ=77° 49' 27.51" Rt.
Dc=4° 30' 00"
Rc=1,273.24'
Tc=1,027.82'
Lc=1,729.43'
Ec=363.08'
S.E.=0.067 ft
DESIGN SPEED=50 M.P.H.

FOR RELOC. RTE. 20 R/W SEE SHEET No 15

SHEET 12 MATCH LINE STA. 140+00 "A"

SHEET 11 MATCH LINE STA. 339+00 "C"

MATCH LINE STA. 239+00 "B"

MATCH LINE STA. 438+50 "D"

SHEET 17 MATCH LINE STA. 52+50

Line "A"

Line "B"

Line "C"

Line "D"

Line "E"

Line "W"

Limits of Constr.

C.A. R/W

R/W Fence

Tie R/W Fence to Abutments

Retaining Wall

Private Road

Acc. Rd. No. 2

Reloc. Rte. 20

Raleigh Co. Rte. 20

Perm. Drainage Easement

Tract 1

Tract 2

BEAVER COAL COMPANY, LTD.

House Burned

FREDERICK RICHMOND, homeowner

ELBERT YOUNG homeowner

BRIDGE NO. 3271

BRIDGE NO. 3274

Mailbox

Exist. T.P. R/W

PROJECT LIMITS I-64-4(49)35

Sta. 238+00 to 239+70 Lt.
Constr. 192 L.F.~Conc. Gutter Type 4, W=3', D=1'

Sta. 239+88 "B" (Skew-7°30' Rt. Fwd.)
178 L.F.~54" C.I.S.P. (Th.=0.064)
See Detail, Sht No 173

141+50 "A" 155' Lt.

P.O.T. 246+40 "B"
P.O.T. 500+00 "Reloc. Rte. 20"

143+50 "A" 140' Lt.

145+50 "A" 154' Lt.

146+50 "A" 149' Lt.

148+50 "A" 270' Lt.

148+50 "A" 146' Lt.

147+50 "A" 140' Lt.

49+50 "W" 280' Lt.

49+50 "W" 156' Lt.

P.O.T. 249+26.99 "B" =
P.T. 149+26.99 "A" 18' Lt.
P.O.T. 49+26.99 "W" 24' Lt.
End Deceleration Lane
Begin Ramp Lanes

Sta. 147+50 to 148+95 "A" Lt.
Constr. 145 L.F. Conc. Gutter, Type 4, W=3', D=1'

Sta. 248+95 "B" 48' Lt.
Grade El. 2508.10
Inv. El. 2501.52
Inv. El. 2501.02

18 L.F.~S.E. Ditch W=10', D=2' T.S.
Sta. 249+00 "B" 124' Lt.
End Section
Inv. El. 2473.00

6" U drain
Inv. El. 2508.4

88 L.F.~36" C.I.S.P. (Th.=0.064")

N 19° 35' 12" E - 216 L.F.~6" U drain

6" U drain-90° Bend
Inv. El. 2507.06

Sta. 248+90 "B" 52' Rt.
1-Type "G" Inlet
Grade El. 2508.52
Inv. El. 2503.12
Inv. El. 2502.62
See Detail, Sht No 174

6" U drain
Inv. El. 2530.1

92 L.F.~36" C.I.S.P. (Th=0.064")

70:1 Taper

N 19° 35' 12" E

30 L.F.~18" C.I.S.P. (Th=0.064)

Sta. 348+80 "C" 144' Rt.
End Section
Inv. El. 2506.00

240 L.F.~36" C.I.S.P. (Th=0.064)

25 L.F.~Conc. Gutter, Type I W=6 D=1'

52+00 "E" 135' Rt.

Sta. 494+75 to 496+82 "Reloc. Rte. 20"
Constr. 287 L.F.~D.R. Gutter W=4', D=2', T=2'

Sta. 447+25 to 448+75 "D" Rt.
Constr. 178 L.F.~D.R. Gutter W=4', D=2' T=2'

P.O.T. 349+26.99 "C"
P.O.T. 49+26.99 "E", 24' Rt.

Sta. 436+75 to 444+25 "D" Rt.
Install 750 L.F.~Guardrail Cl. I
1~B.C.T. & 1~B.C.T. (Special) Req'd.

Sta. 1716+00 "N" to Sta. 447+08 "D"~Rt.
Install 2,100 L.F.~Guardrail-Cl. I
1~B.C.T. & 1~B.C.T. (Special) Req'd.

Sta. 1717+00 "N" to 440+90 "D" Rt.
Constr. 1386 L.F.~D.R. Gutter W=4', D=2', T=2'

Sta. 445+65 "D" Rt.
1-Type G Inlet
Grade El. 2539.38
Inv. El. 2537.38
Inv. El. 2536.88

82 L.F.~18" C.I.S.P. (Th. 0.064")
Headwall
Inv. El. 2537.00

25 L.F.~Conc. Gutter, Type I, W=4', D=1"
445+75 "D" 192' Rt.

Sta. 440+93 "D" (Skew 2°30' Rt. Fwd.)
170 L.F. 48" C.I.S.P. (Th. 0.079")
See Detail, Sht No 173

40 L.F.~Conc. Gutter Type I, W=8', D=2'

HW El. 2525.8

444+00 "D" 160' Rt.

185 L.F.~18" C.I.S.P. (Th.=0.064")

495+50 "Reloc. Rte. 20" 110' Lt.

Sta. 447+00 "D" Rt.
1-Type G Inlet
Grade El. 2538.37
Inv. El. 2534.86
Inv. El. 2534.36

446+75 "D" 201' Rt.

349+00 "C" 210' Rt.

HW El. 2509.4

P.O.T. 447+26.96 "D" =
P.T. 347+26.96 "C"
End Ramp Lanes
Begin Acceleration Lane

P.T. 447+06.34 "D"

P.T. 244+47.01 "B"

872-B-17
872-B-18
872-B-19
872-B-20
872-B-21

R/W PLAN I-64
Interchange to Sta. 52+50
Scale: 1"=50'

REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

PUBLIC ROADS DIV.	STATE DIST. NO.	STATE PROJ. NO.	FEDERAL PROJ. NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
W. Va.	10	X341 -64 113.00	I-64-4(49)113 R/W	198	Raleigh	15	44

CURVE DATA
P.I. Sta. 489 + 42.34
Δ = 25° 56' 00.00" Lt.
Dc = 6° 00' 00"
Rc = 954.93'
Tc = 219.88'
Lc = 432.22'
Ec = 24.99'
S.E. = 0.043 ft.
DESIGN SPEED = 30 M.P.H.

3
BEAVER COAL COMPANY, LTD.

Raleigh Co. Rte. 20

BEGIN WORK STA. 485+50

485+25 25' Lt.

486+00 55' Lt.

487+50 55' Lt.

489+75 65' Lt.

490+50 72' Lt.

485+25 18' Rt.

486+00 55' Rt.

487+50 75' Rt.

488+75 60' Rt.

488+75 115' Rt.

490+50 90' Rt.

489+40 72' Rt.

489+40 115' Rt.

P.C. 487 + 22.46

P.T. 491 + 54.68

N 42° 24' 48" W

Tract 1

Tract 1

Tract 2

R/W

Limits of Constr.

490 ℄ Reloc. Rte. 20

Road

Temp. Drive Constr. Easement

Private

Remove Pvmt. & Site Grade

Raleigh Co. Rte. 20

444+00 "D" 160' Rt.

445+15 "D" 185' Rt.

495+50 110' Lt.

496+53 57' Lt.

494+50 70' Rt.

N 70° 24' 48" W

495

CA R/W

LINE "D"

Limits of Constr.

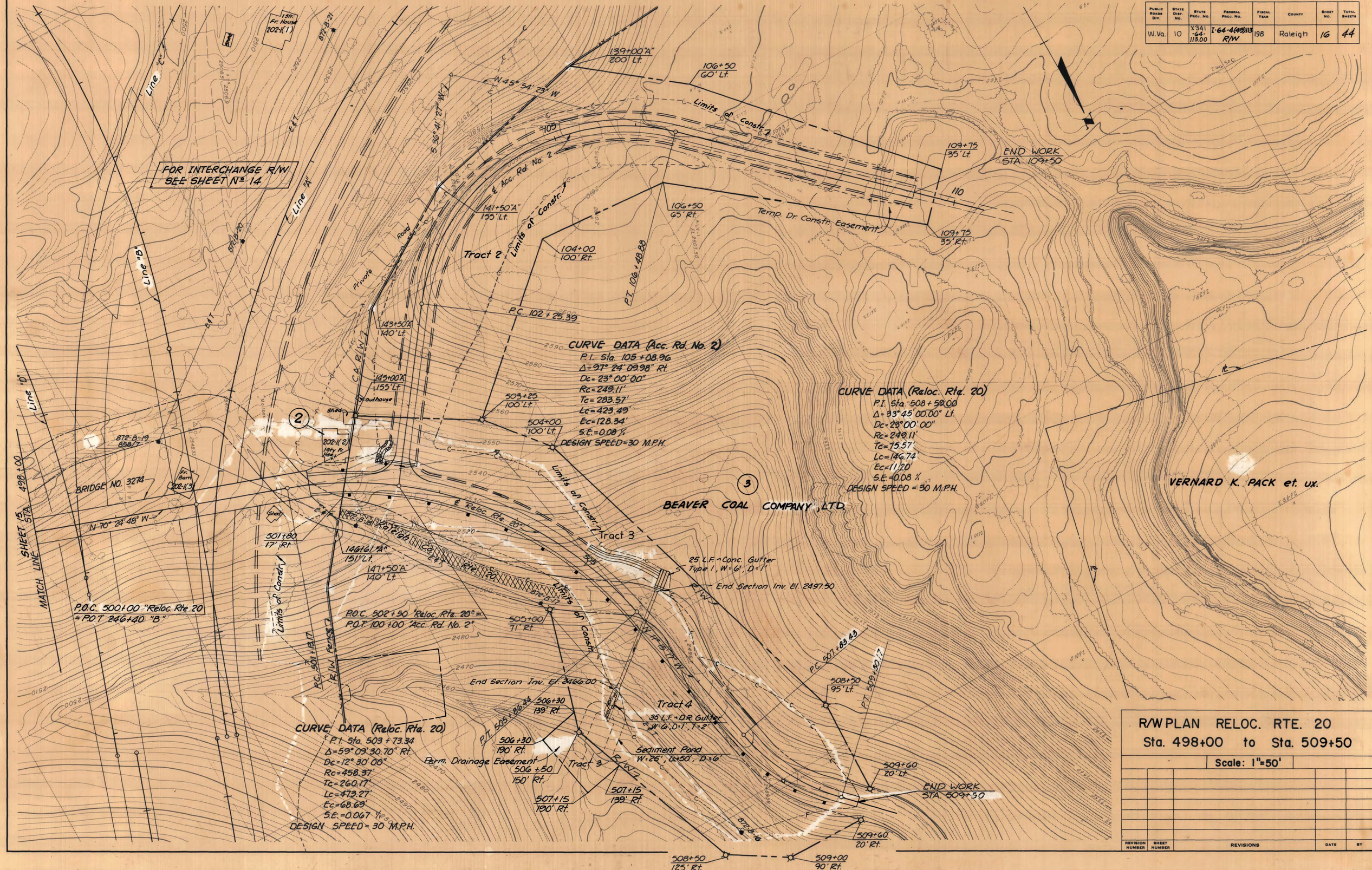
498+00 STA. MATCH LINE SHEET 16

R/W PLAN RELOC. RTE. 20
Sta. 485+50 to Sta. 498+00

Scale: 1" = 50'

REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

Public Roads Div.	State Dist. No.	State Proj. No.	Federal Proj. No.	Fiscal Year	County	Sheet No.	Total Sheets
W.Va.	10	X341-64-113.00	I-64-4(49)113 R/W	198	Raleigh	16	44



R/W PLAN RELOC. RTE. 20
Sta. 498+00 to Sta. 509+50

Scale: 1"=50'

REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

PUBLIC ROADS DIV.	STATE DIST. NO.	STATE PROJ. NO.	FEDERAL PROJ. NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
W.Va.	10	X341 -64- 113.00	I-64-4(49)113 R/W	198	Raleigh	17	44

60+00 "W"
360' Lt.

60+25 "W"
300' Lt.

60+90 "W"
360' Lt.

Tract 5

Perm. Drainage Easement
60+90 "W"
269' Lt.

60+00 "W"
280' Lt.

Perm. Drainage Easement

54+60 "W"
170' Lt.

53+70 "W"
170' Lt.

53+70 "W"
139' Lt.

Tract 4

54+60 "W"
130' Lt.

R/W Fence

C.A. R/W

57+50 "W"
125' Lt.

Limits of Constr.

3

BEAVER COAL COMPANY, LTD.

Tract 2

R/W Fence

C.A. R/W

N 19° 35' 12" E

MATCH LINE STA. 65+00

MATCH LINE

SHEET 14

Line "W"

60

55

S.C. 60+20.23 "W"

N 19° 35' 12" E

T.S. 56+20.23 "W"

Line "E"

60

55

70:1 Taper

12' 12' 12'

70:1 Taper

55+66.96 "E"
End Tapers

Limits of Constr.

60+00 "E"
125' Rt.

R/W Fence

C.A. R/W

STA. 52+50

T.S. 56+05.39 "E"

S.C. 60+05.39 "E"

64+00 "E"
175' Rt.

MATCH LINE STA. 65+00

SHEET 18

CURVE DATA (Line "W")

P.I. Sta. 69+25.39

Δ = 75° 07' 50.66" Rt.	Lc = 1,478.27'
Dc = 4° 00' 00"	Ts = 1,305.16'
Rc = 1,432.39'	Es = 380.55'
Ls = 400.00'	L.T. = 266.94'
θs = 8° 00' 00"	S.T. = 133.58'
Δc = 59° 07' 50.66"	S.E. = 0.077 ft/ft

DESIGN SPEED = 60 M.P.H.

CURVE DATA (Line "E")

P.I. Sta. 69+10.55

Δ = 75° 07' 50.66" Rt.	Lc = 1,478.27'
Dc = 4° 00' 00"	Ts = 1,305.16'
Rc = 1,432.39'	Es = 380.55'
Ls = 400.00'	L.T. = 266.94'
θs = 8° 00' 00"	S.T. = 133.58'
Δc = 59° 07' 50.66"	S.E. = 0.077 ft/ft

DESIGN SPEED = 60 M.P.H.

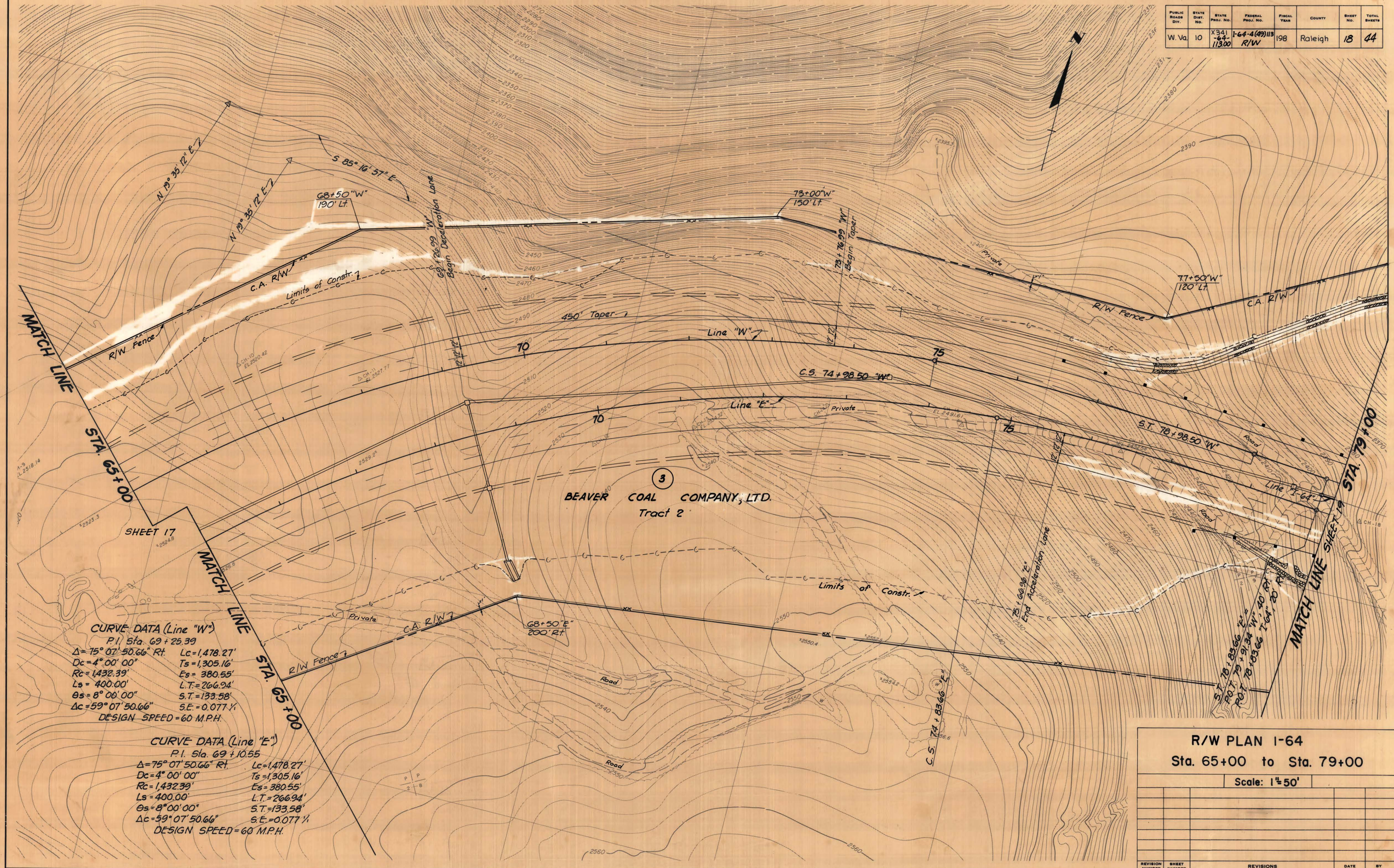
R/W PLAN I-64

Sta. 52+50 to Sta. 65+00

Scale: 1"=50'

REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

Public Roads Div.	State Dist. No.	State Proj. No.	Federal Proj. No.	Fiscal Year	County	Sheet No.	Total Sheets
W. Va.	10	X341-64-113.00	I-64-4(49)113 R/W	198	Raleigh	18	44



CURVE DATA (Line "W")
P.I. Sta. 69+25.39

Δ = 75° 07' 50.66" Rt.	Lc = 1,478.27'
Dc = 4° 00' 00"	Ts = 1,305.16'
Rc = 1,432.39'	Es = 380.55'
Ls = 400.00'	L.T. = 266.94'
θs = 8° 00' 00"	S.T. = 133.58'
Δc = 59° 07' 50.66"	S.E. = 0.077 ft

DESIGN SPEED = 60 M.P.H.

CURVE DATA (Line "E")
P.I. Sta. 69+10.55

Δ = 75° 07' 50.66" Rt.	Lc = 1,478.27'
Dc = 4° 00' 00"	Ts = 1,305.16'
Rc = 1,432.39'	Es = 380.55'
Ls = 400.00'	L.T. = 266.94'
θs = 8° 00' 00"	S.T. = 133.58'
Δc = 59° 07' 50.66"	S.E. = 0.077 ft

DESIGN SPEED = 60 M.P.H.

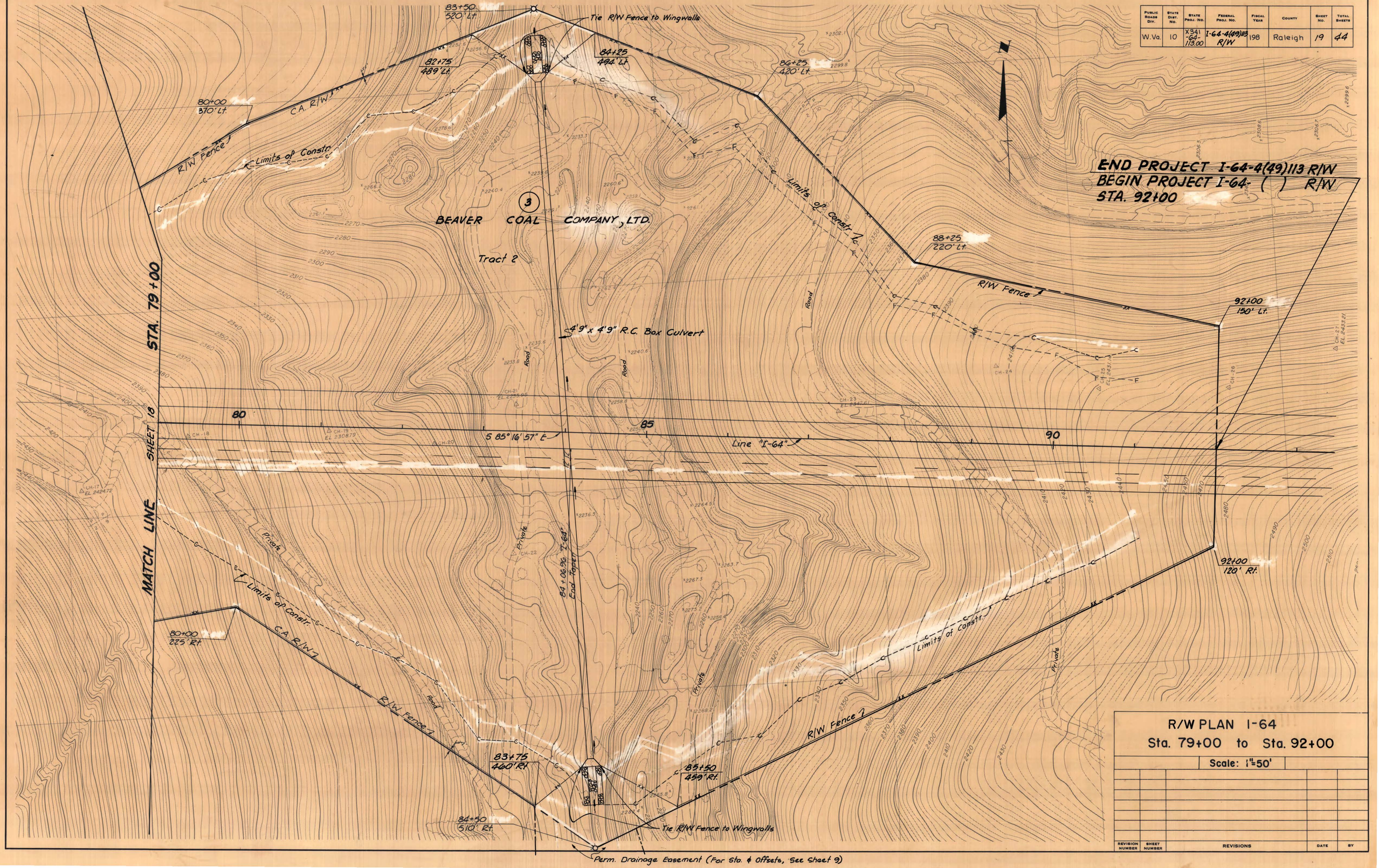
R/W PLAN I-64

Sta. 65+00 to Sta. 79+00

Scale: 1" = 50'

Revision Number	Sheet Number	Revisions	Date	By

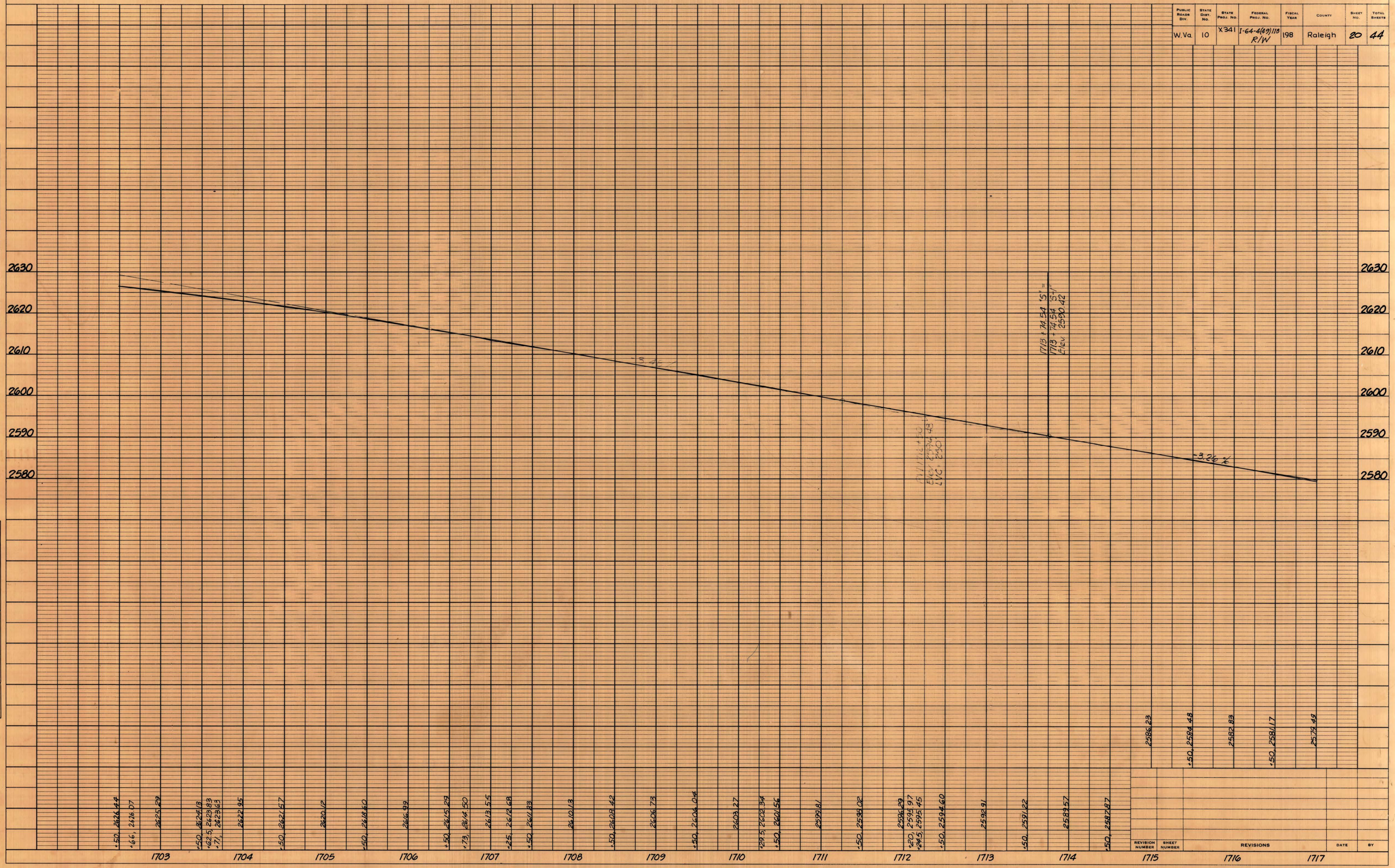
Public Roads Div.	State Dist. No.	State Proj. No.	Federal Proj. No.	Fiscal Year	County	Sheet No.	Total Sheets
W.Va.	10	X341 -64- 113.00	I-64-4(49)113 R/W	198	Raleigh	19	44



R/W PLAN I-64
Sta. 79+00 to Sta. 92+00
Scale: 1"=50'

REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

Public Roads Div.	State Dist. No.	State Proj. No.	Federal Proj. No.	Fiscal Year	County	Sheet No.	Total Sheets
W.Va.	10	X341	I-64-4(49)118 R/W	198	Raleigh	20	44



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

PROFILE
NOTE BOOK NO.
SURVEYED
PLOTTED
GRADES CHECKED
B.M.'s NOTED
STRUCTURE NOTATNS CH'KD
BY
DATE

REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

PUBLIC ROADS DIV.	STATE DIST. NO.	STATE PROJ. NO.	FEDERAL PROJ. NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
W.Va.	10	X341	I-64-4(69)118 R/W	198	Raleigh	21	44

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

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
B. M.= NOTED
STRUCTURE NOTATNS CHKD
NOTE BOOK
NO.
BY
DATE

2650
2640
2630
2620
2610
2600
2590
2580
2570

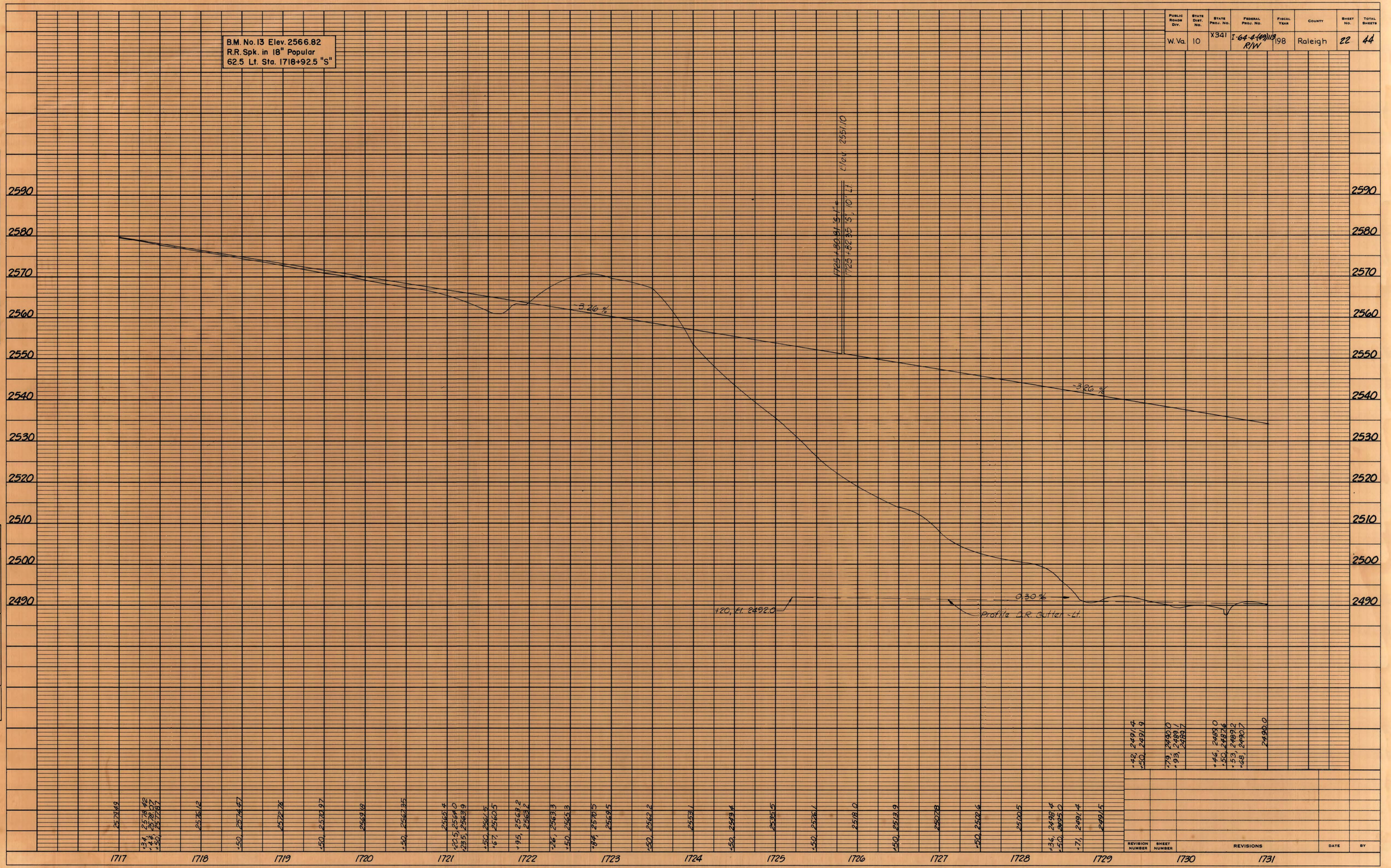
Barn

-1.00 %

	1703	1704	1705	1706	1707	1708	1709	1710	1711	1712	1713	1714	1715	1716	1717	1718
	2572.0		2594.9		2601.0											
		2579.8		2602.3		2599.0	2587.5	2601.3	2622.7	2632.0	2637.0	2640.0	2643.3	2641.3	2608.2	2592.0
		+28		+50		+98	+50		+22						+50	
		2580.2		2603.8		2599.2	2588.1		2623.7	2632.9			2643.9			
		+43		+63			+63			+21			+58			
		2580.5								2632.9			2644.0			
		+60					+85		+75	+31			+88			
		2580.8					2588.8		2631.5	2633.1			2644.8			
	2579.9	+79		2601.9			2589.4		2632.8	+50			+50			
		2581.9								2633.4			2642.6			
		+97														
		2582.1														
	2583.7	+113														
	2584.2	+128														
	2584.2	+150			2601.0											
						2600.1										
						+98										
						2600.2										
						+155										
						2602.2										
						+29										
						2601.5										
						+148										
						2600.1										
						+168										
						2600.2										
						+195										
						2600.2										
						+222										
						2600.2										
						+250										
						2600.2										
						+275										
						2600.2										
						+300										
						2600.2										
						+325										
						2600.2										
						+350										
						2600.2										
						+375										
						2600.2										
						+400										
						2600.2										
						+425										
						2600.2										
						+450										
						2600.2										
						+475										
						2600.2										
						+500										
						2600.2										
						+525										
						2600.2										
						+550										
						2600.2										
						+575										
						2600.2										
						+600										
						2600.2										
						+625										
						2600.2										
						+650										
						2600.2										
						+675										
						2600.2										
						+700										
						2600.2										
						+725										
						2600.2										
						+750										
						2600.2										
						+775										
						2600.2										
						+800										
						2600.2										
						+825										
						2600.2										
						+850										
						2600.2										
						+875										
						2600.2										
						+900										
						2600.2										
						+925										
						2600.2										
						+950										
						2600.2										
						+975										
						2600.2										
						+1000										
						2600.2										

REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

Public Roads Div.	State Dist. No.	State Proj. No.	Federal Proj. No.	Fiscal Year	County	Sheet No.	Total Sheets
W. Va.	10	X341	I-64-4-(49)113 R/W	198	Raleigh	22	44



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

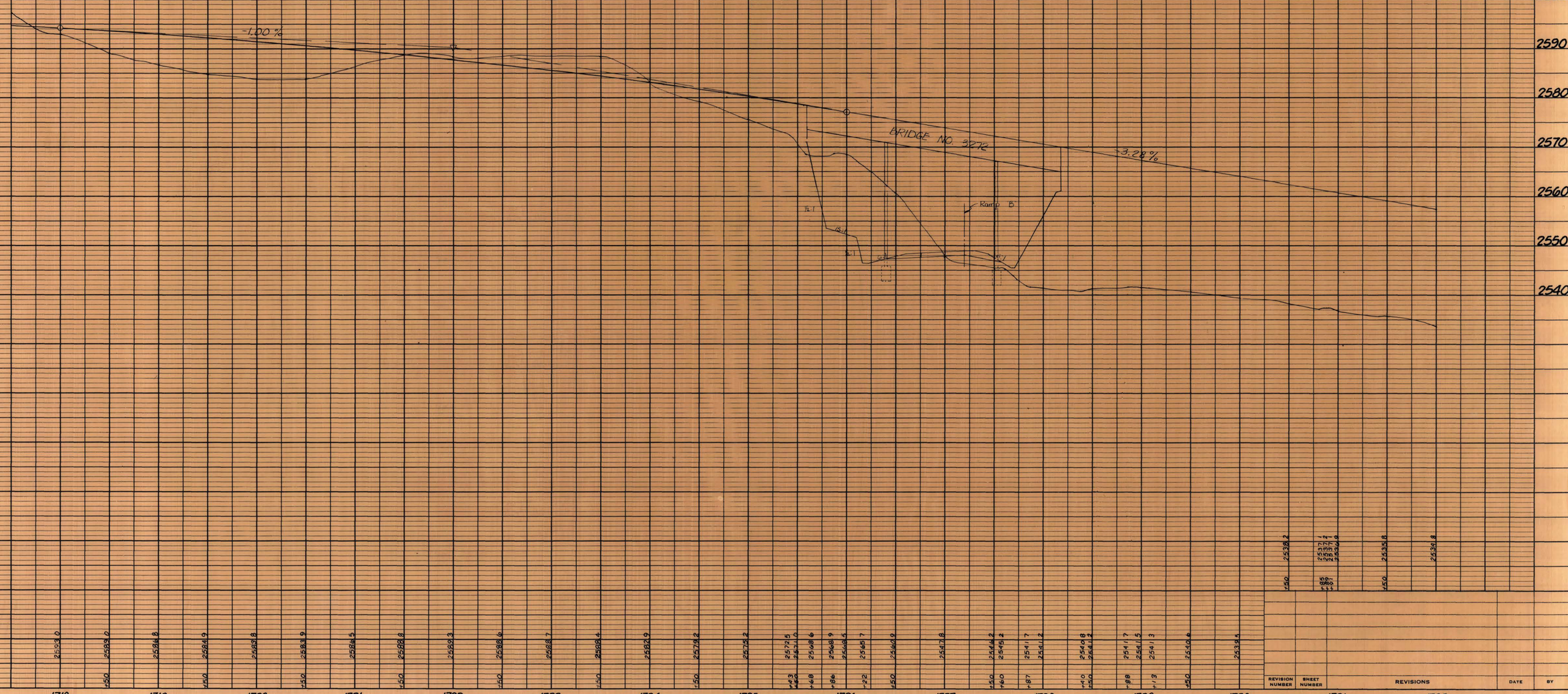
PROFILE
NOTE BOOK NO.
SURVEYED
PLOTTED
GRADES CHECKED
B.M.'s NOTED
STRUCTURE NOTAT'NS CH'KD
BY
DATE

REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

PUBLIC ROADS DIV.	STATE DIST. NO.	STATE PROJ. NO.	FEDERAL PROJ. NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
W.Va.	10	X 341	I-64-4(49)113 R/W	198	Raleigh	23	44

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

PROFILE
NOTE BOOK NO.
SURVEYED
PLOTTED
GRADES CHECKED
BASE SHEET
STRUCTURE NOTATNS CHKD
BY
DATE

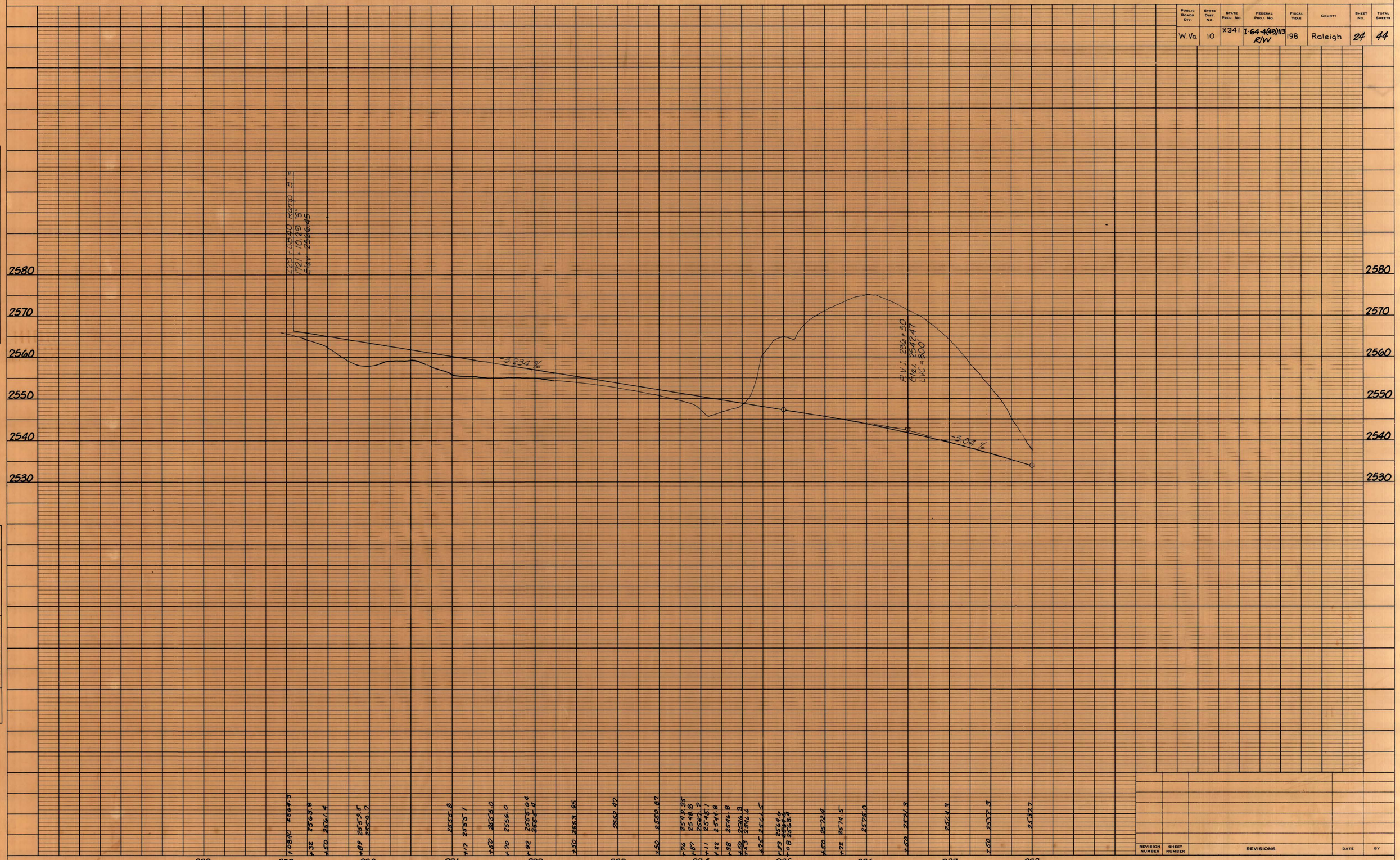


REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

PUBLIC ROADS DIV.	STATE DIST. NO.	STATE PROJ. NO.	FEDERAL PROJ. NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
W.Va.	10	X341	I-64-4(40)113 R/W	198	Raleigh	24	44

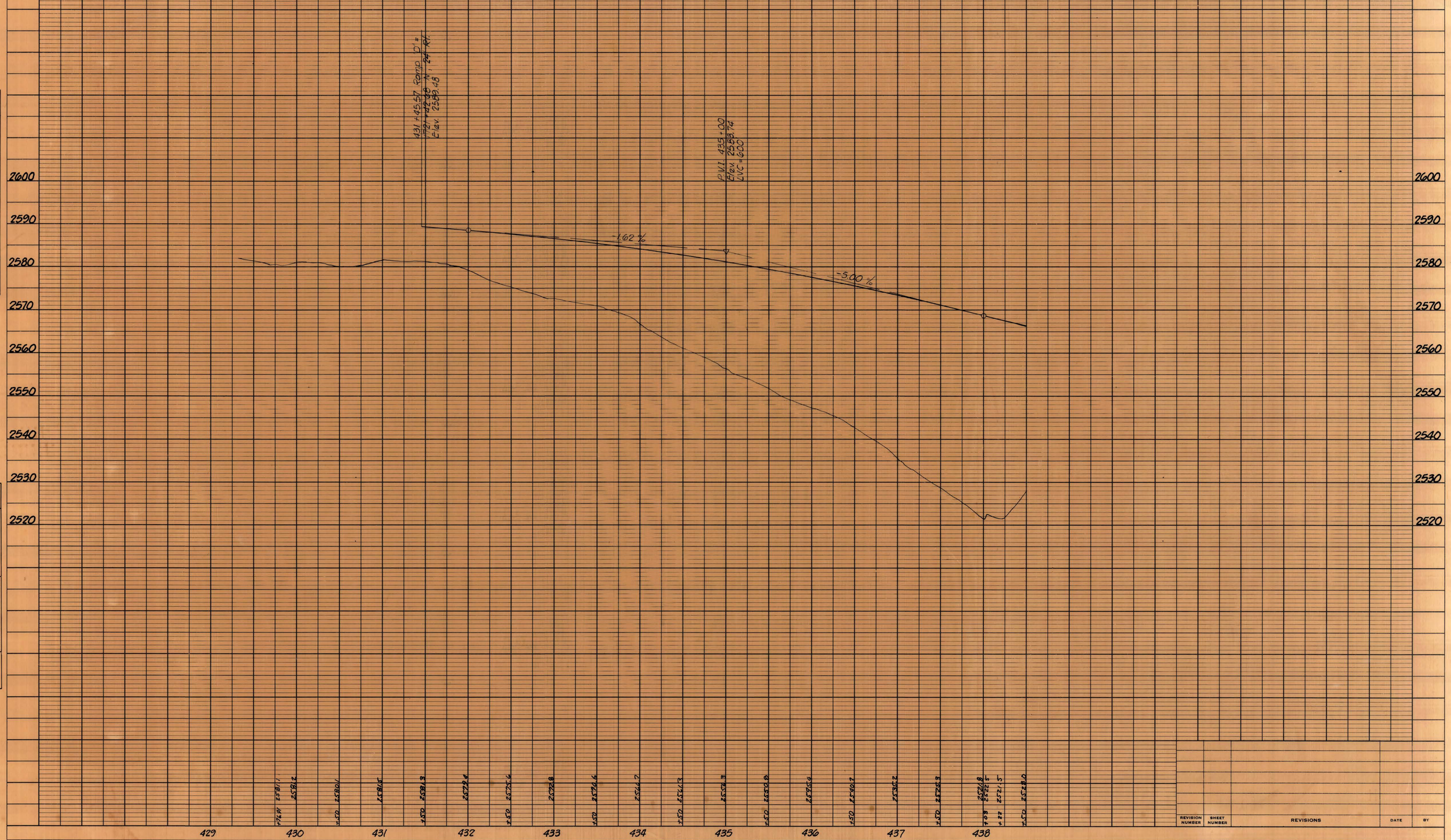
PLAN
NOTE BOOK NO.
SURVEYED.
PLOTTED.
ALIGNMENT CHECKED.
RT. OF WAY CHECKED.
BY
DATE

PROFILE
NOTE BOOK NO.
SURVEYED.
PLOTTED.
GRADES CHECKED.
B. M.s NOTED.
STRUCTURE NOTATNS CHKD
BY
DATE



REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

Public Roads Div.	State Dist. No.	State Proj. No.	Federal Proj. No.	Fiscal Year	County	Sheet No.	Total Sheets
W.Va.	10	X341	I-64-4(49)113 R/W	198	Raleigh	25	44



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

PROFILE
NOTE BOOK NO.
SURVEYED
PLOTTED
GRADES CHECKED
B.M.s NOTED
STRUCTURE NOTAT'NS CH'KD
BY
DATE

REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

PUBLIC ROADS DIV.	STATE DIST. NO.	STATE PROJ. NO.	FEDERAL PROJ. NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
W.Va.	10	X341	I-64-4(69)113 R/W	198	Raleigh	26	44

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

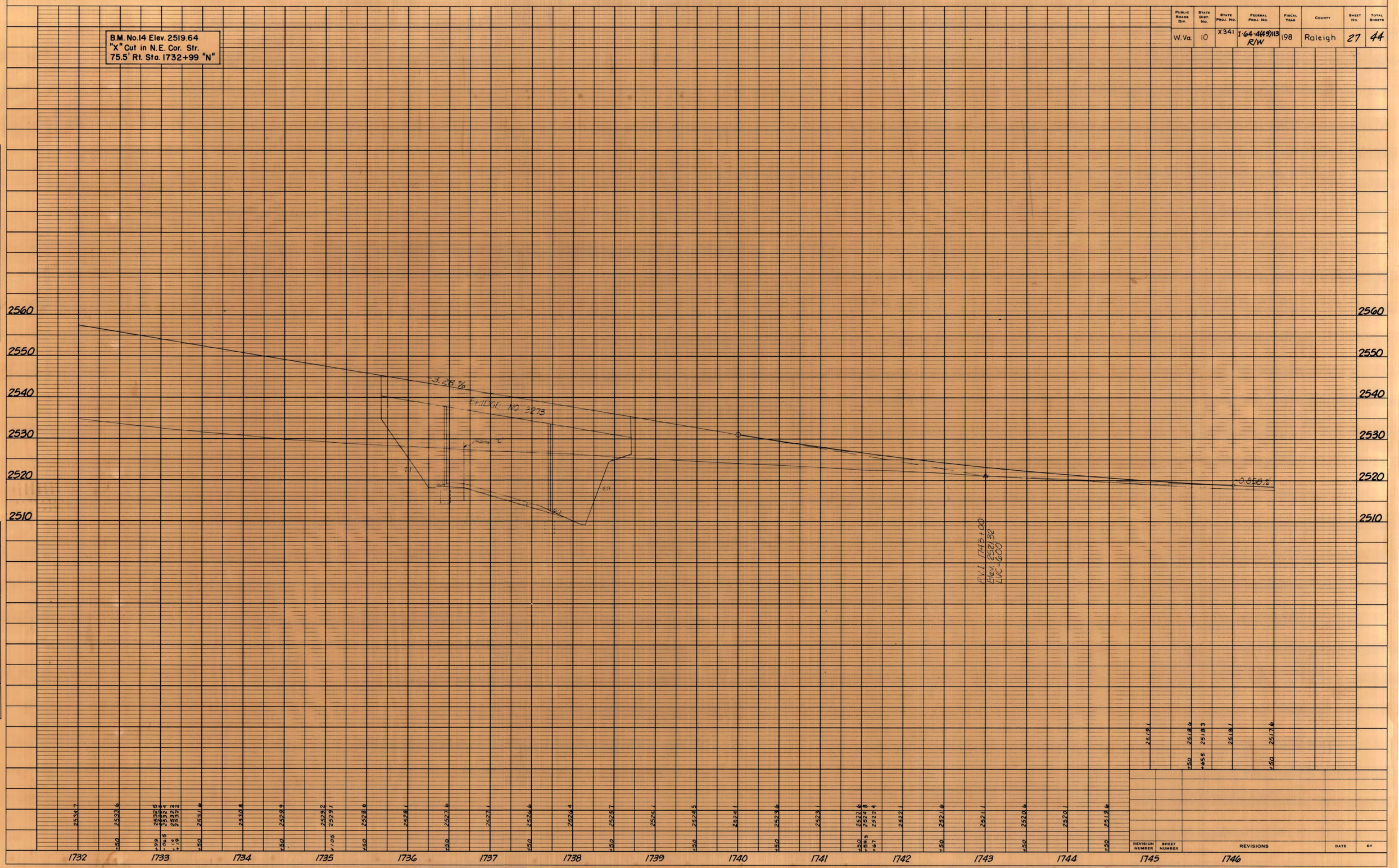
PROFILE
NOTE BOOK NO.
SURVEYED.
PLOTTED
DRAWN
CHECKED
B.M.'s NOTED.
STRUCTURE NOTATNS CK'KD
BY DATE

2540
2530
2520
2510
2500
2490
2480
2470
2460

-3.86 %
0.80 %
+00, El. 2488.46
3.30 %
Prof'le D.R. Gutter-Lt.
+00, El. 2475.26
2.30 %

| | | |

Public Roads Div.	State Dist. No.	State Proj. No.	Federal Proj. No.	Fiscal Year	County	Sheet No.	Total Sheets
W.Va.	10	X341	I-64-4(49)113 R/W	198	Raleigh	27	44

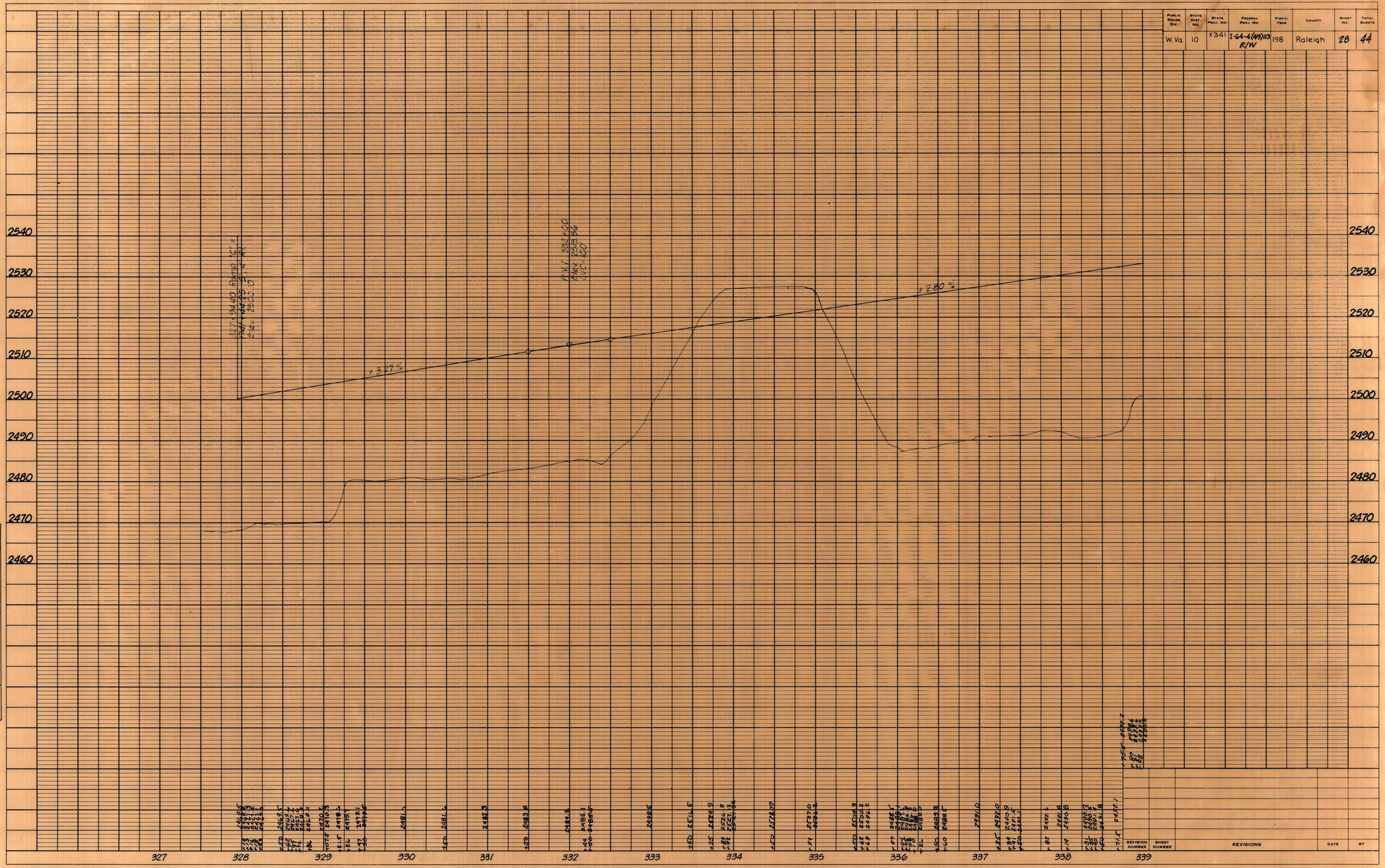


PLAN
NOTE BOOK NO.
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
BY
DATE

PROFILE
NOTE BOOK NO.
SURVEYED
PLOTTED
GRADES CHECKED
B.M.'s NOTED
STRUCTURE NOTAT'NS CH'KD
BY
DATE

REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

Public Roads Div.	State Dist. No.	State Proj. No.	Federal Proj. No.	Fiscal Year	County	Sheet No.	Total Sheets
W. Va.	10	X341	I-64-4(49)113 R/W	198	Raleigh	28	44



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

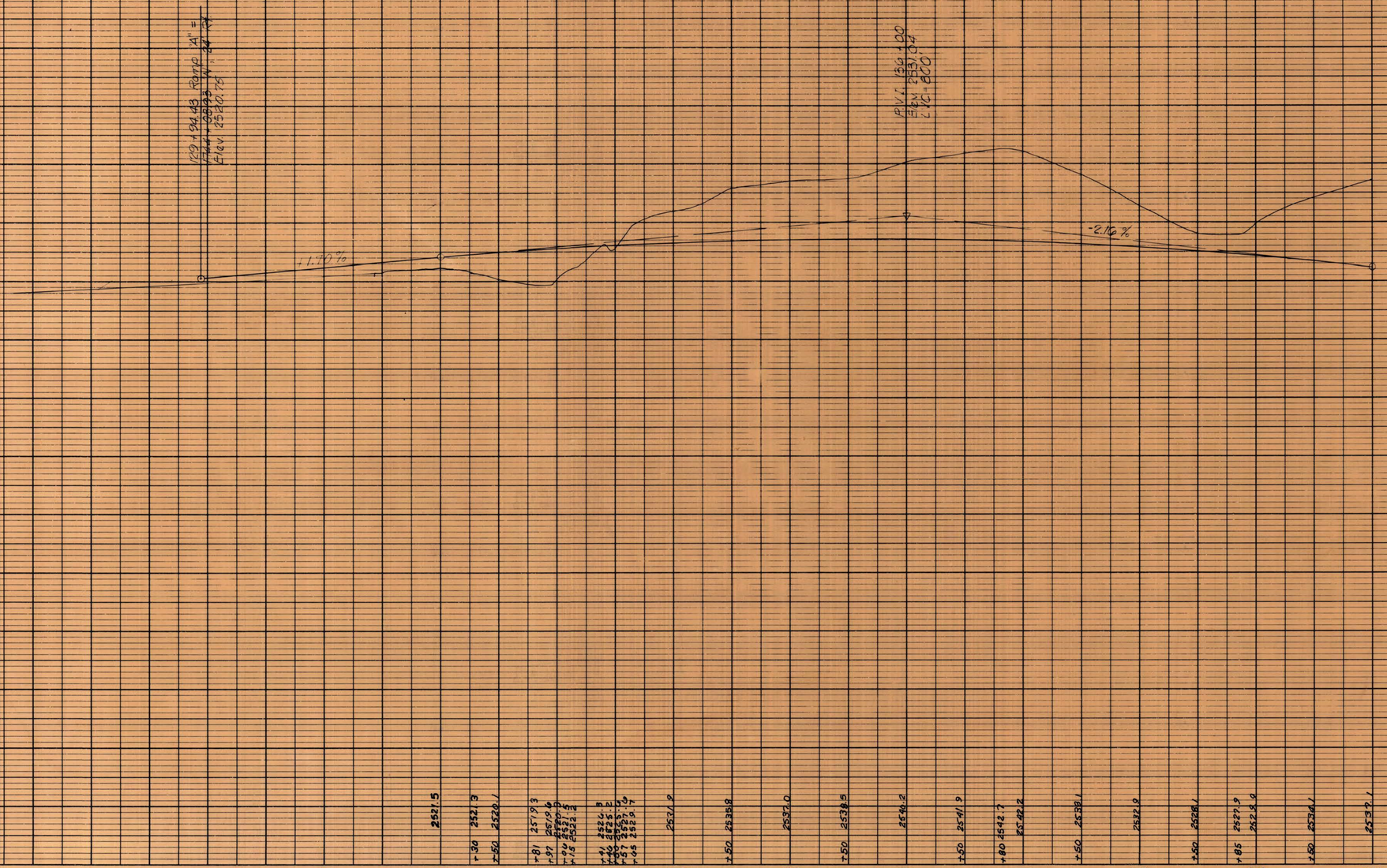
PROFILE
NOTE BOOK NO.
SURVEYED
PLOTTED
GRADES CHECKED
B.M.s NOTED
STRUCTURE NOTATNS CH'KD
BY
DATE

REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

PUBLIC ROADS DIV.	STATE DIST. NO.	STATE PROJ. NO.	FEDERAL PROJ. NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
W.Va.	10	X341	I-64-4(49)113 R/W	198	Raleigh	29	44

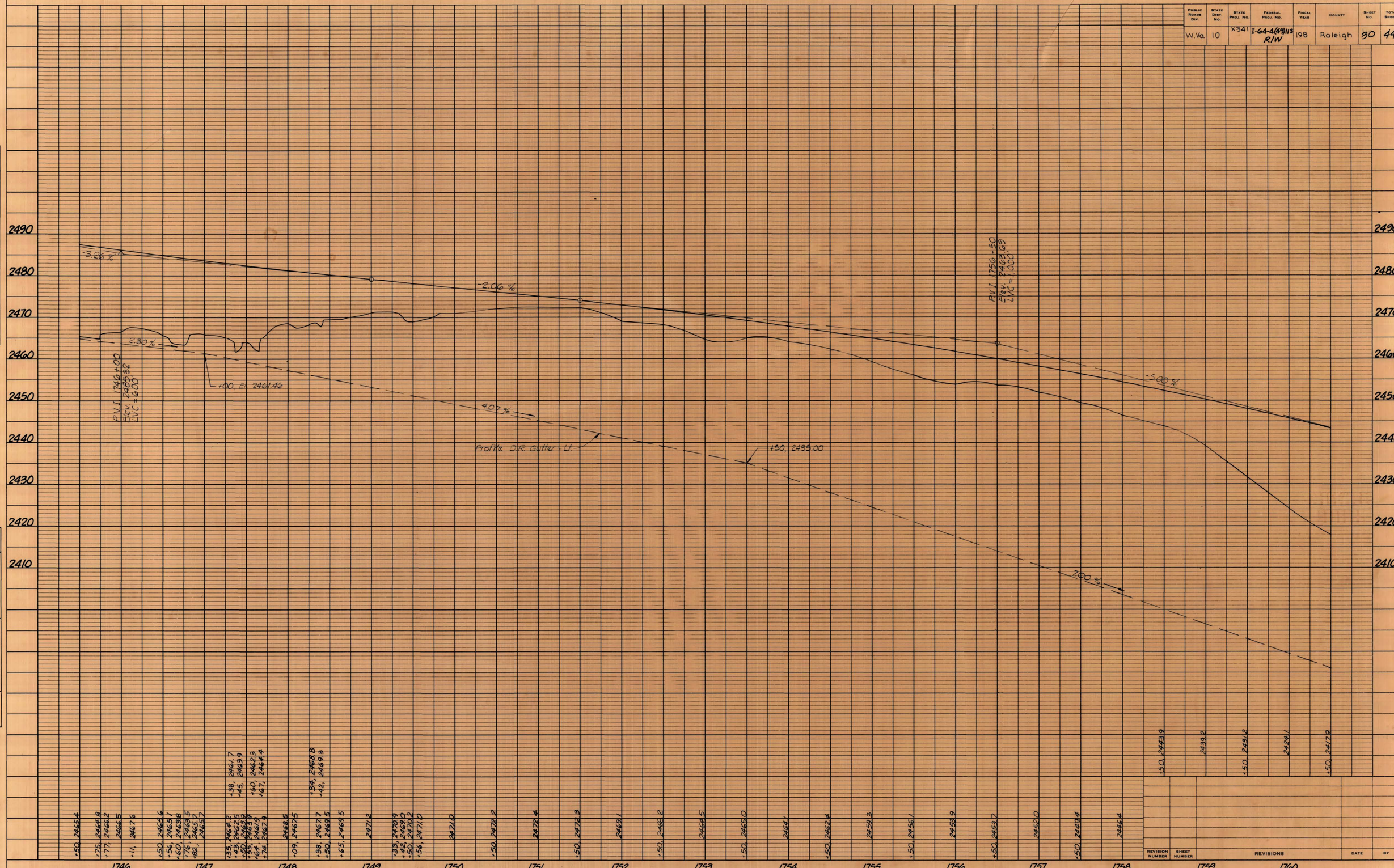
PLAN
SURVEYED.
PLOTTED.
ALIGNMENT CHECKED.
RT. OF WAY CHECKED.
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED.
PLOTTED.
GRADES CHECKED.
B. M.'s NOTED.
NOTE BOOK
NO.
STRUCTURE NOTATNS CHKD
BY
DATE



REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

Public Roads Div.	State Dist. No.	State Proj. No.	Federal Proj. No.	Fiscal Year	County	Sheet No.	Total Sheets
W.Va.	10	X341	I-64-4(49)113 R/W	198	Raleigh	30	44



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

PROFILE
NOTE BOOK NO.
SURVEYED
PLOTTED
GRADES CHECKED
B. M.s NOTED
STRUCTURE NOTAT'NS CH'KD
BY
DATE

REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

PUBLIC ROADS DIV.	STATE DIST. NO.	STATE PROJ. NO.	FEDERAL PROJ. NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
W.Va.	10	X341	I-64-4(43)113 R/W	198	Raleigh	31	44

B.M. No. 15 Elev. 2516.26
R.R. Spk. in 15" Tree
89' Rt. Sta. 1747+46 "N"

B.M. No. 16 Elev. 2479.70
R.R. Spk. in 18" Popular
38.5' Lt. Sta. 1759+75 "N"

PLAN

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

PROFILE

BY	DATE
SURVEYED.	
PLOTTED	
GRADES CHECKED.	
B.M.'s NOTED.	
STRUCTURE NOTATNS CHKD	
NOTE BOOK	
NO.	

2520
2510
2500
2490
2480
2470

0.858%

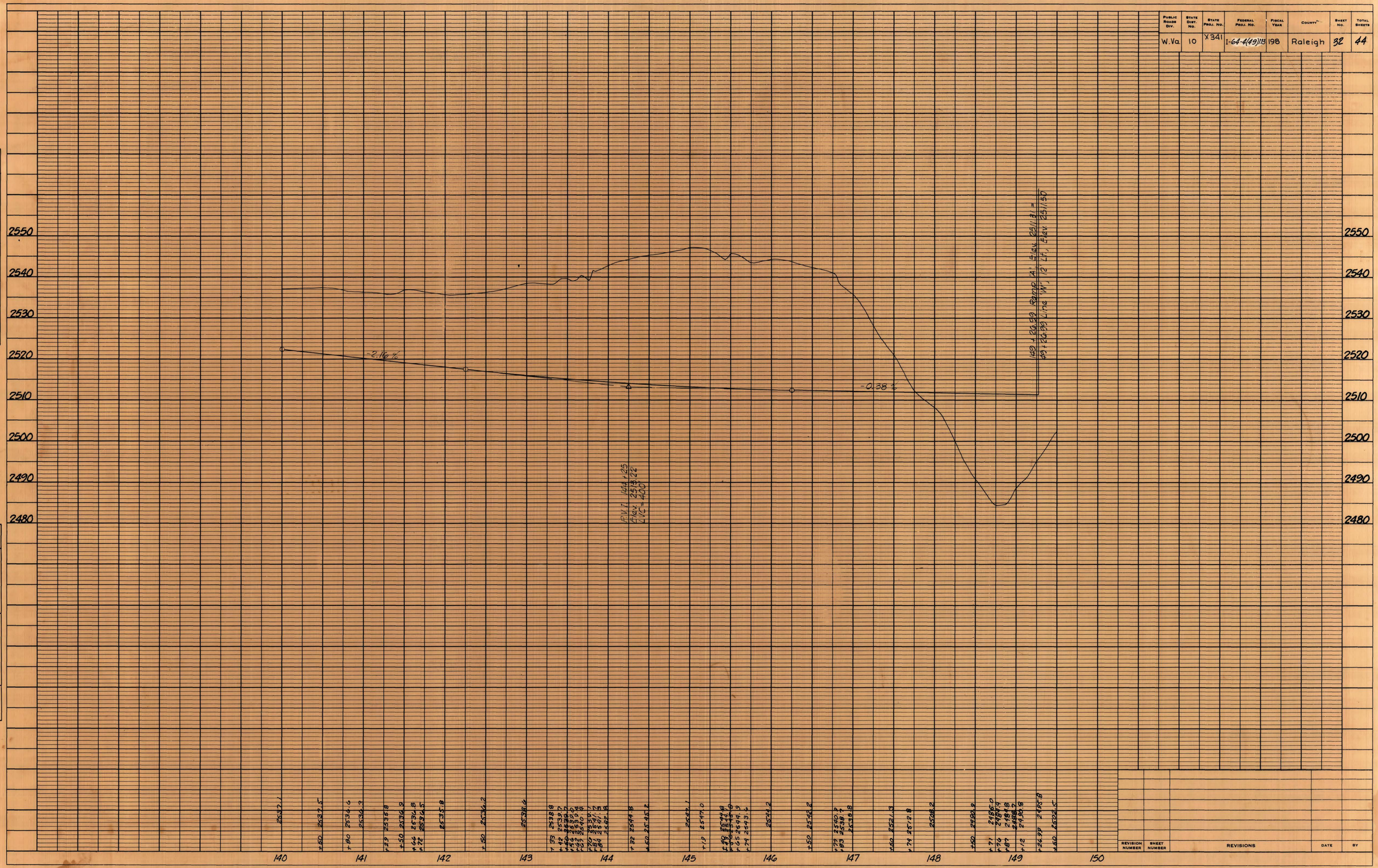
PVI 1754+25
Elev. 2511.67
LVC = 2000'

-5.07%

1747 1748 1749 1750 1751 1752 1753 1754 1755 1756 1757 1758 1759 1760 1761

| | | |

Public Roads Div.	State Dist. No.	State Proj. No.	Federal Proj. No.	Fiscal Year	County	Sheet No.	Total Sheets
W.Va.	10	X341	I-64-4(49)113	198	Raleigh	32	44



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

PROFILE
NOTE BOOK NO.
SURVEYED
PLOTTED
GRADES CHECKED
B.M.s NOTED
STRUCTURE NOTAT'NS CH'KD
BY
DATE

REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

PUBLIC ROADS DIV.	STATE DIST. NO.	STATE PROJ. NO.	FEDERAL PROJ. NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
W.Va.	10	X341	I-64-4(69)115	198	Raleigh	33	44

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

PROFILE
SURVEYED
PLOTTED
NOTE BOOK
NO.
GRADES CHECKED
B.M.'s NOTED
STRUCTURE NOTATNS CHKD
BY
DATE

2560
2550
2540
2530
2520
2510
2500
2490
2480

-5.04 %
-0.50 %
Hse.
P.V.I. 242+00
Elev. 2514.75
L.V.C. = 600'
249+26.99 Ramp 'B' Elev 2511.12 =
49+26.99 Line 'W', 24' Lt. Elev 2511.50

238 239 240 241 242 243 244 245 246 247 248 249 250

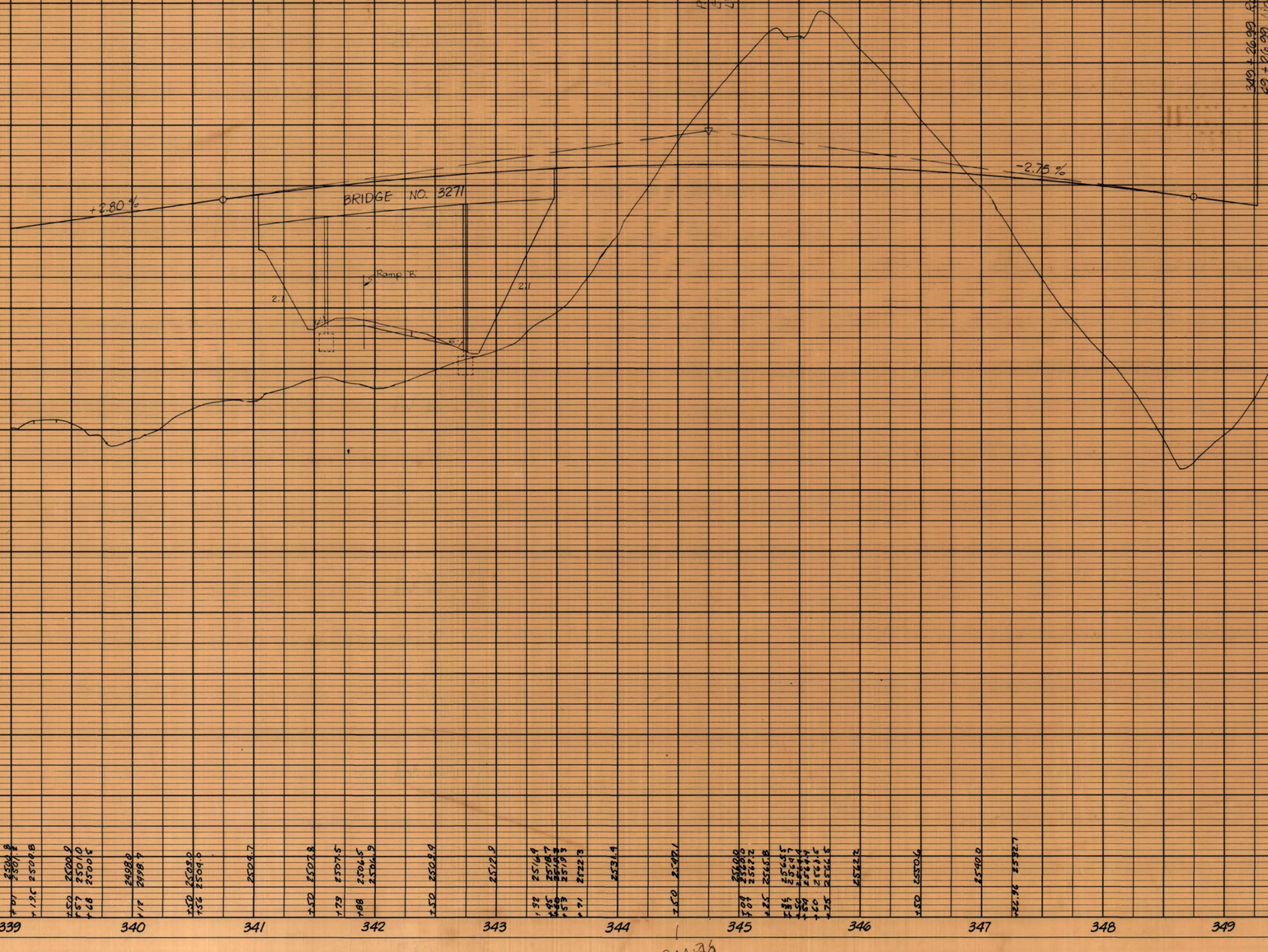
REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

Ramp 'B'

PUBLIC ROADS DIV.	STATE DIST. NO.	STATE PROJ. NO.	FEDERAL PROJ. NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
W.Va.	10	X341	I-64-4(49)113	198	Raleigh	34	44

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

PROFILE
SURVEYED. BY
PLOTTED. DATE
GRADES CHECKED.
B.M.s NOTED.
STRUCTURE NOTATNS CHKD
NOTE BOOK
NO.



REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

344+79

Ramp "C"

PUBLIC ROADS DIV.	STATE DIST. NO.	STATE PROJ. NO.	FEDERAL PROJ. NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
W.Va.	10	X341	I-64-4(49)113	198	Raleigh	35	44

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

PROFILE
SURVEYED. BY
PLOTTED DATE
GRADES CHECKED
B.M.'s NOTED
STRUCTURE NOTATNS CHKD
NOTE BOOK
NO.

Grade Controlled by Ramp "C"

347+26.96 Ramp "D" Elev 2541.37 =
347+26.96 Ramp "C" Elev 2541.37

-5.00 %

-1.71 %

P.V.I 441+50
Elev. 2551.24
L/VC = 700'

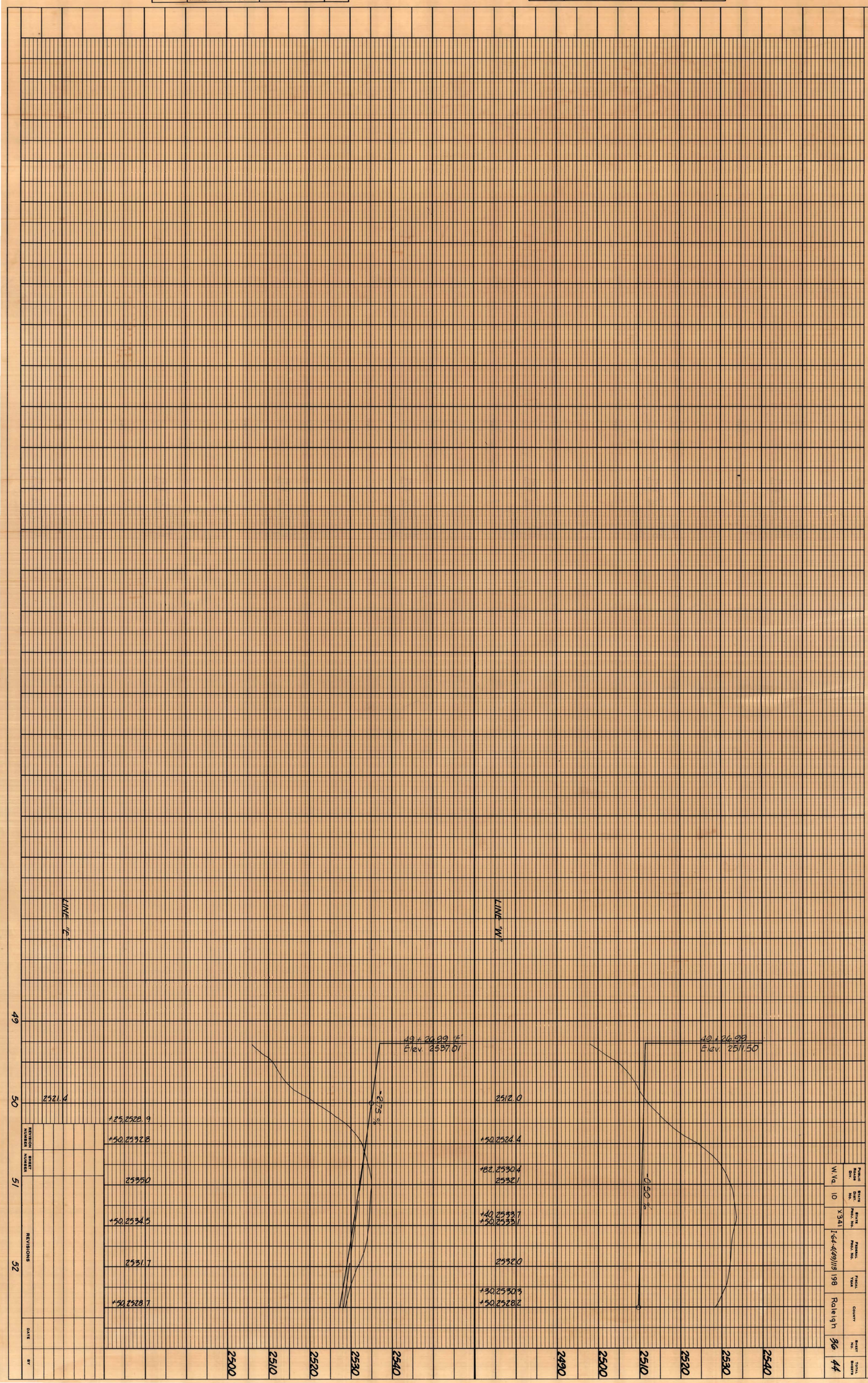
2570 2560 2550 2540 2530 2520 2510 2500 2490

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

REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

PROFILE		BY	DATE
NOTE BOOK NO.	SURVEYED		
	PLOTTED		
	GRADES CHECKED		
	B. M.s NOTED		
	STRUCTURE NOTAT'NS CH'KD		

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



PUBLIC ROADS DIV.	STATE DIST. NO.	STATE PROJ. NO.	FEDERAL PROJ. NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
W.Va.	10	X341	I-64-4(49)113	198	Raleigh	37	44

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

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
B.M.'s NOTED
STRUCTURE NOTAT'NS CHK'D
NOTE BOOK
NO.
BY
DATE

BEGIN WORK
STA. 485+50

P.V.I. 490+50
Elev. 2634.00
LVC = 600

-1.36%

-8.35%

1%

1%

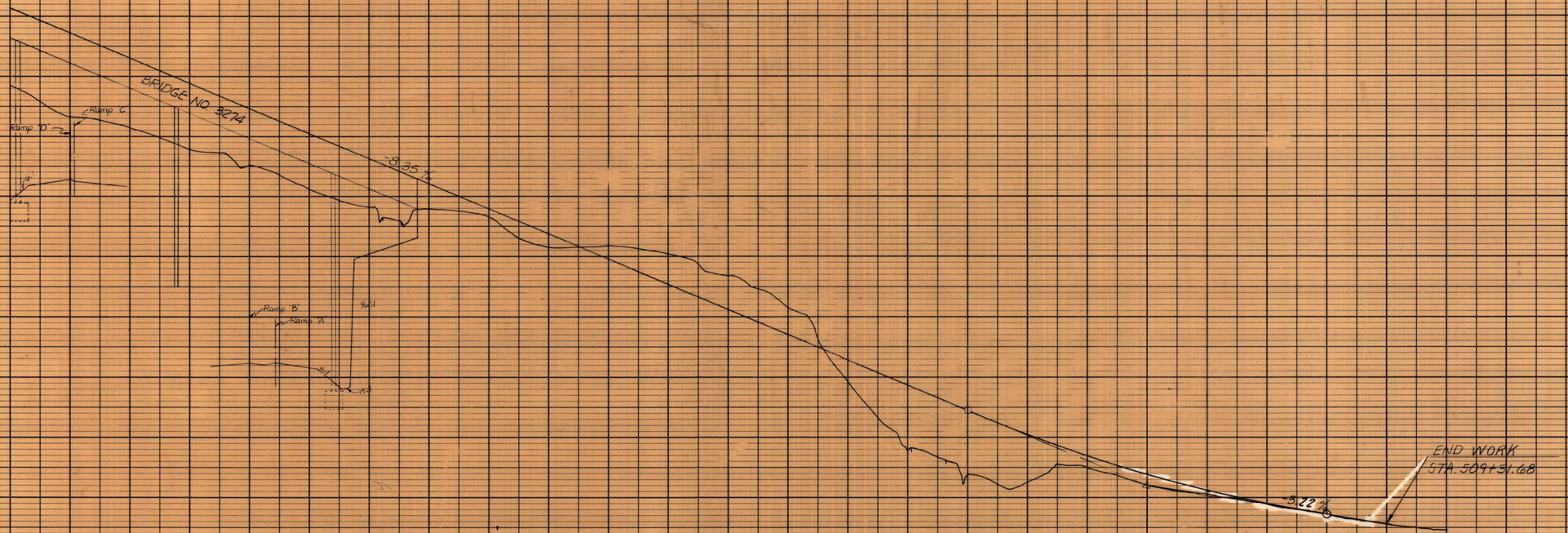
1%

REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

PUBLIC ROADS DIV.	STATE DIST. NO.	STATE PROJ. NO.	FEDERAL PROJ. NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
W. Va.	10	X341	I-64-4(69)118	198	Raleigh	38	44

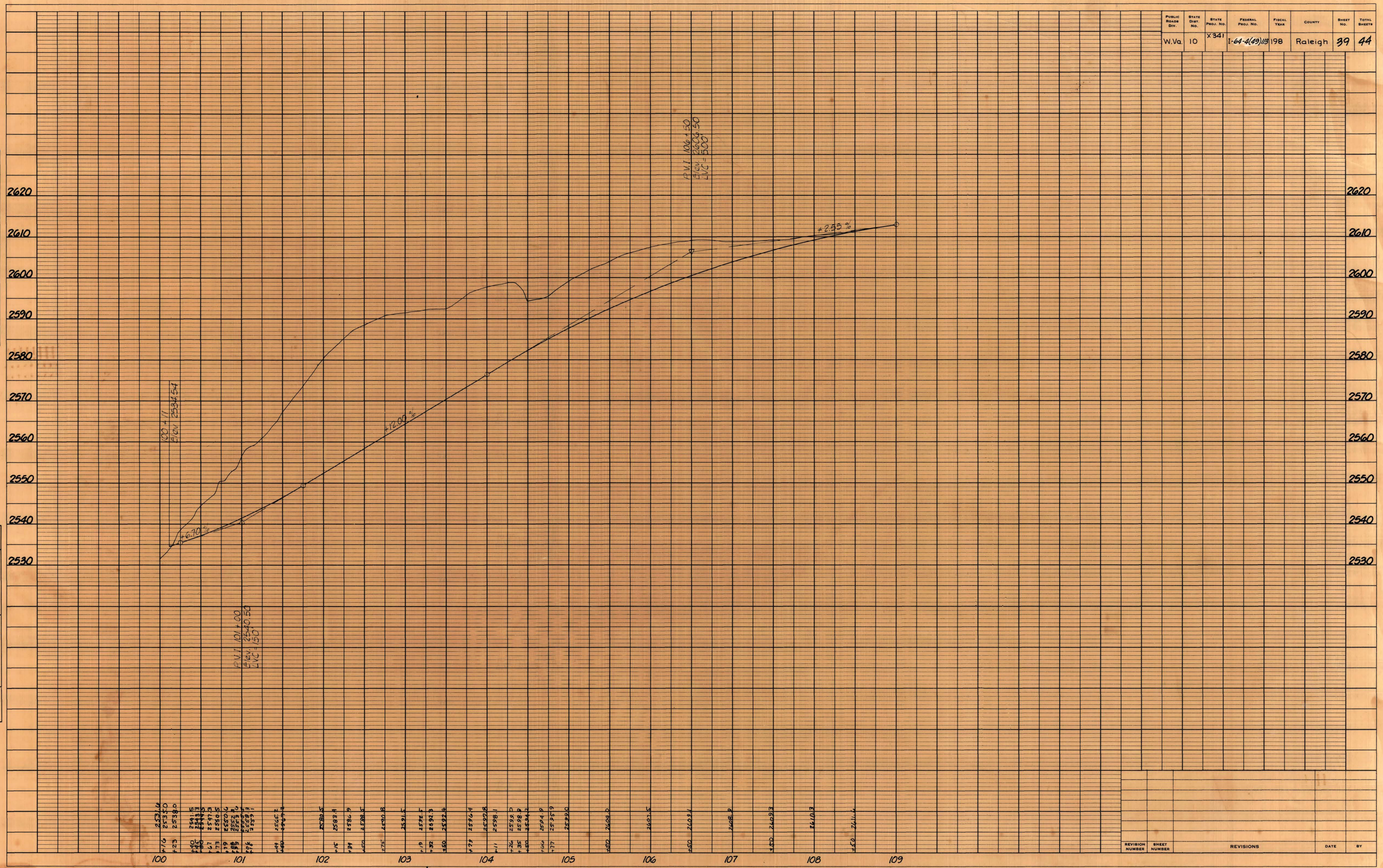
PLAN
NOTE BOOK NO.
SURVEYED.
ALIGNMENT CHECKED.
RT. OF WAY CHECKED.
BY
DATE

PROFILE
NOTE BOOK NO.
SURVEYED.
PLOTTED.
CROSS CHECKED.
B. M.'s NOTED.
STRUCTURE NOTATNS CHKD
BY
DATE



REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

Public Roads Div.	State Dist. No.	State Proj. No.	Federal Proj. No.	Fiscal Year	County	Sheet No.	Total Sheets
W.Va.	10	X341	I-64-4(49)113	198	Raleigh	39	44



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

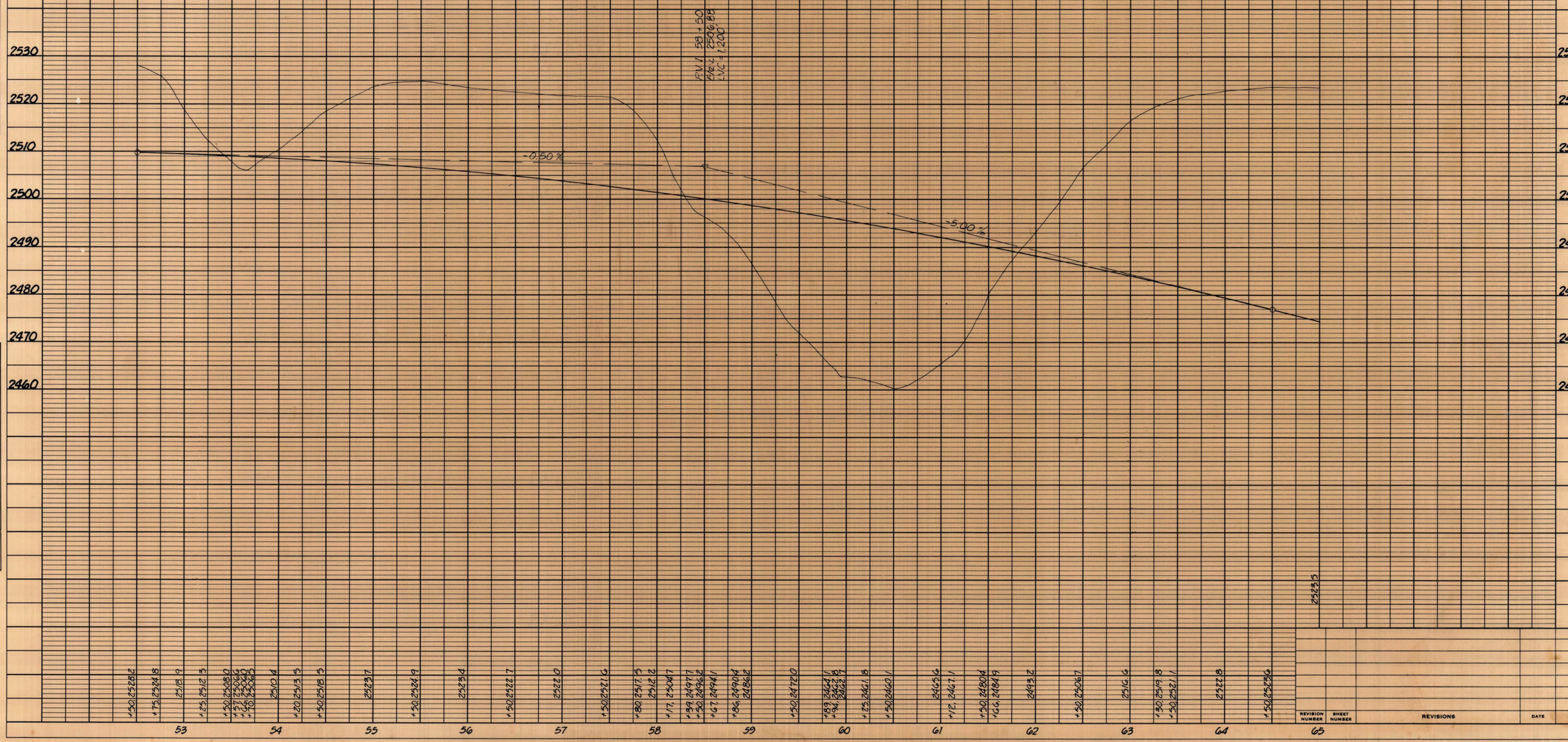
PROFILE
NOTE BOOK NO.
SURVEYED
PLOTTED
GRADES CHECKED
B.M.s NOTED
STRUCTURE NOTAT'NS CH'KD
BY
DATE

REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

Public Roads Div.	State Dist. No.	State Proj. No.	Federal Proj. No.	Fiscal Year	County	Sheet No.	Total Sheets
W.Va.	10	X341	I-64-4(49)113	198	Raleigh	40	44

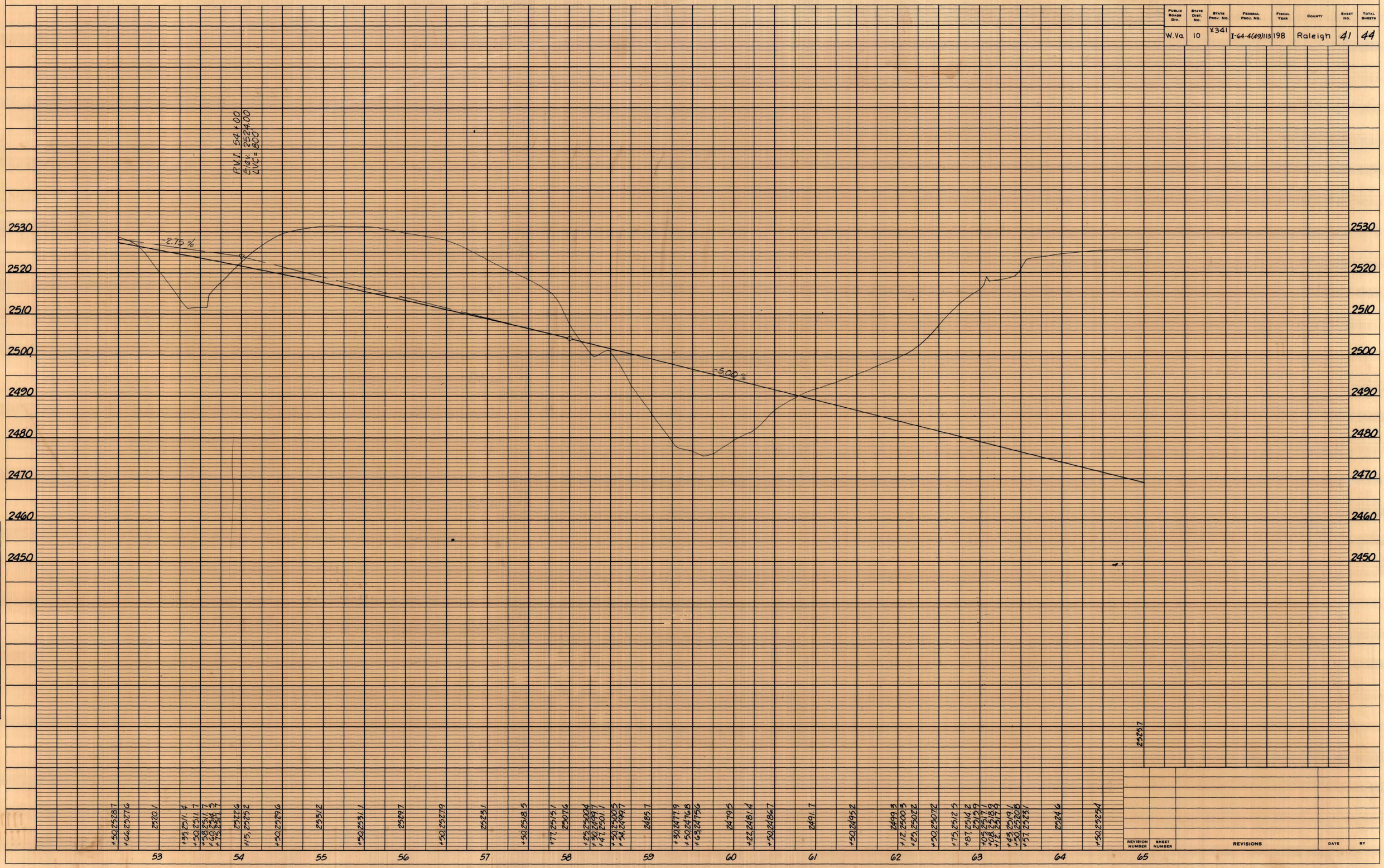
PLAN
NOTE BOOK NO.
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
BY
DATE

PROFILE
NOTE BOOK NO.
SURVEYED
PLOTTED
GRADES CHECKED
B. M.s NOTED
STRUCTURE NOTAT'NS CH'KD
BY
DATE



Revision Number	Sheet Number	Revisions	Date	By

Public Roads Div.	State Dist. No.	State Proj. No.	Federal Proj. No.	Fiscal Year	County	Sheet No.	Total Sheets
W.Va.	10	X341	I-64-4(49)113	198	Raleigh	41	44



Revision Number	Sheet Number	Revisions	Date	By

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

PROFILE
NOTE BOOK NO.
SURVEYED
PLOTTED
GRADES CHECKED
B. M.s NOTED
STRUCTURE NOTAT'NS CH'KD
BY
DATE

PUBLIC ROADS DIV.	STATE DIST. NO.	STATE PROJ. NO.	FEDERAL PROJ. NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
W.Va.	10	X341	I-64-4(49)113	198	Raleigh	42	44

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

PROFILE
NOTE BOOK NO.
SURVEYED
PLOTTED
GRADES CHECKED
BM'S NOTED
STRUCTURE NOTATNS CHKD
BY
DATE

2530 2520 2510 2500 2490 2480 2470 2460 2450 2440 2430 2420 2410 2400 2390

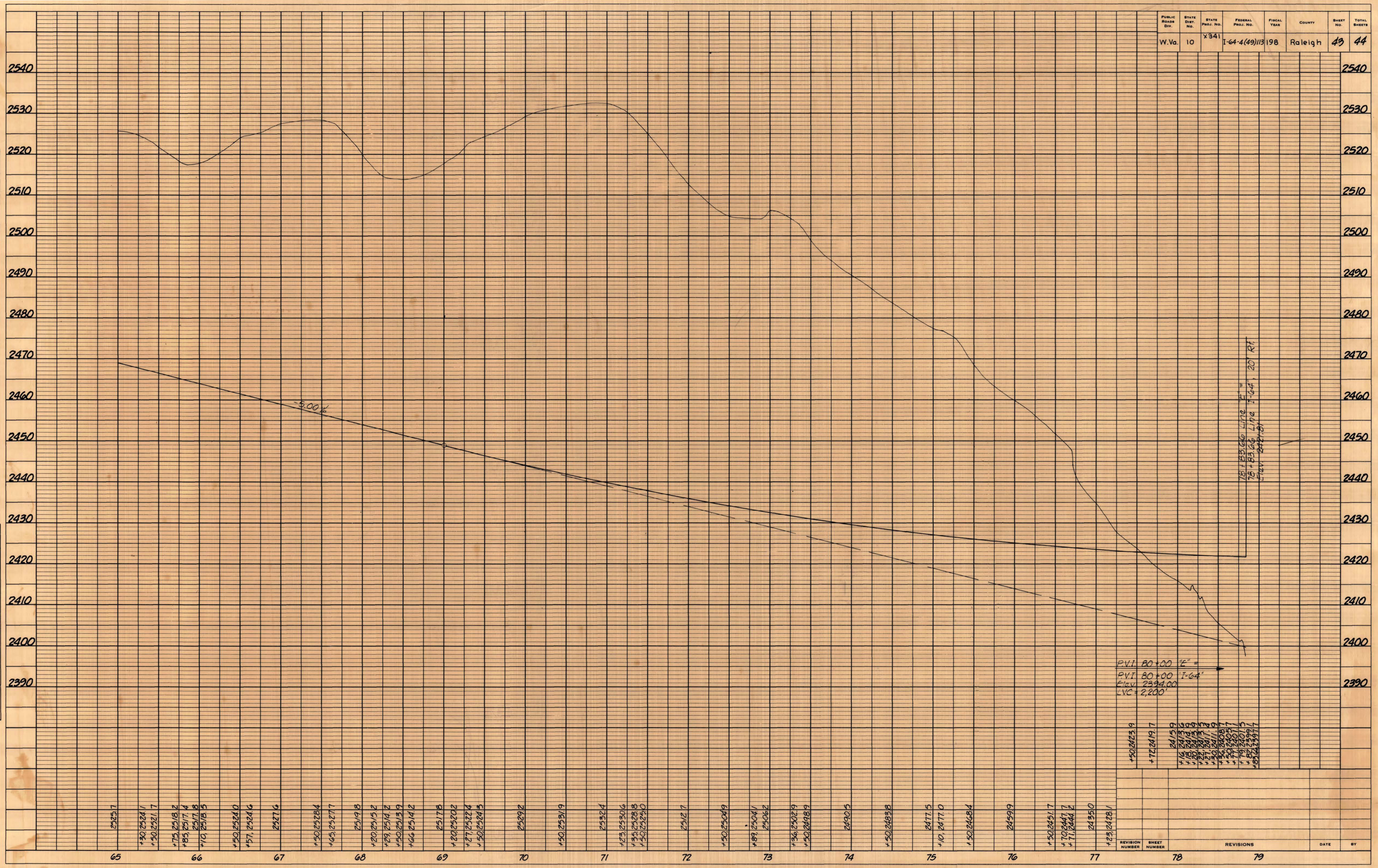
-5.00 %

P.V.I. 72+91.34 Line "W" Elev. 2421.81 =
P.V.I. 78+63.66 Line "I-64" Elev. 2421.81

P.V.I. 81+07.68 "W" =
P.V.I. 80+00 "I-64"
Elev. 2394.00
L.V.C. = 2,200'

| | | |

Public Roads Div.	State Dist. No.	State Proj. No.	Federal Proj. No.	Fiscal Year	County	Sheet No.	Total Sheets
W.Va.	10	X341	I-64-4(49)113	198	Raleigh	43	44



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

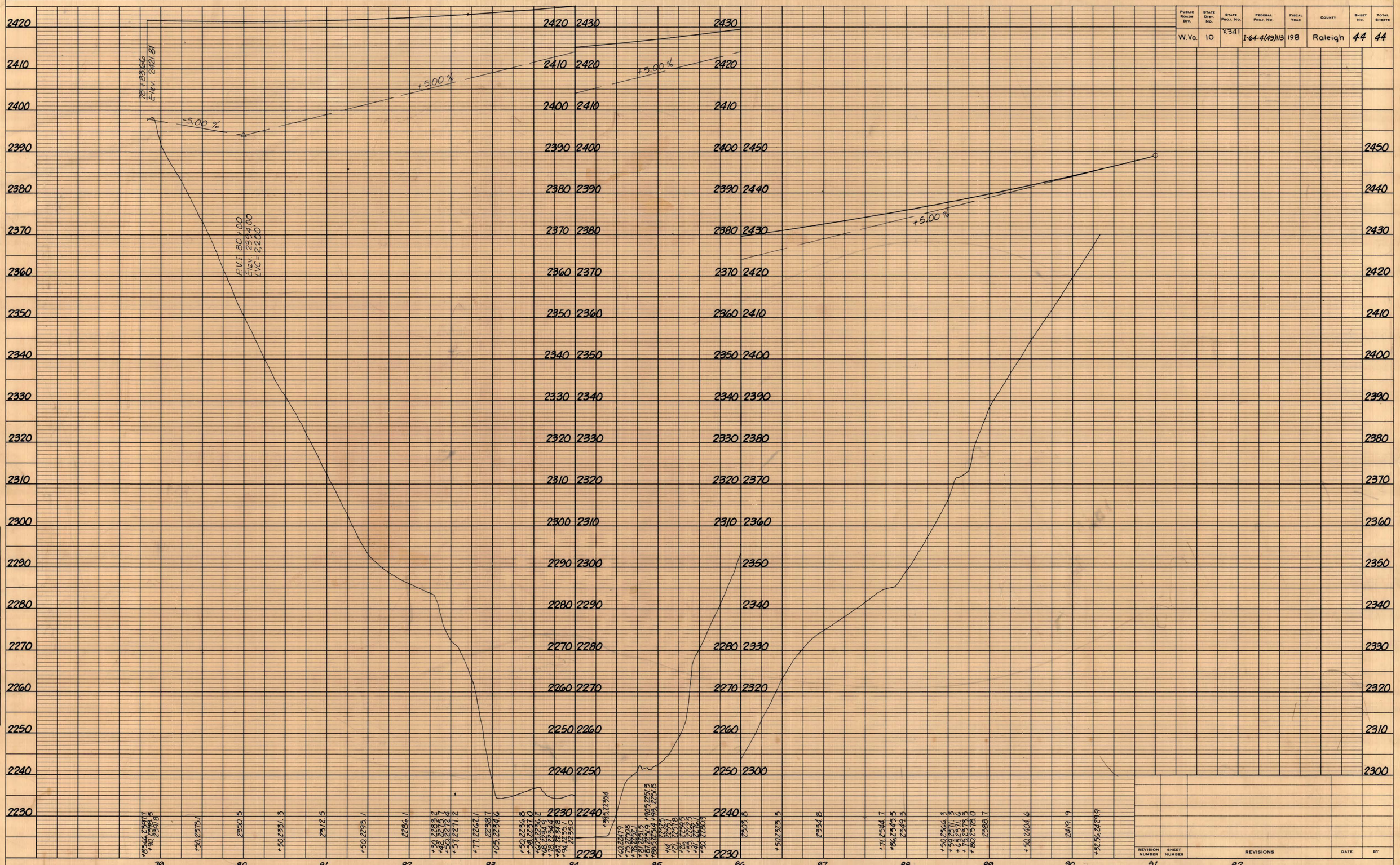
PROFILE
NOTE BOOK NO.
SURVEYED
PLOTTED
GRADES CHECKED
B.M.'s NOTED
STRUCTURE NOTAT'NS CH'KD
BY
DATE

REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

PUBLIC ROADS DIV.	STATE DIST. NO.	STATE PROJ. NO.	FEDERAL PROJ. NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
W.Va.	10	X341	I-64-4(49)113	198	Raleigh	44	44

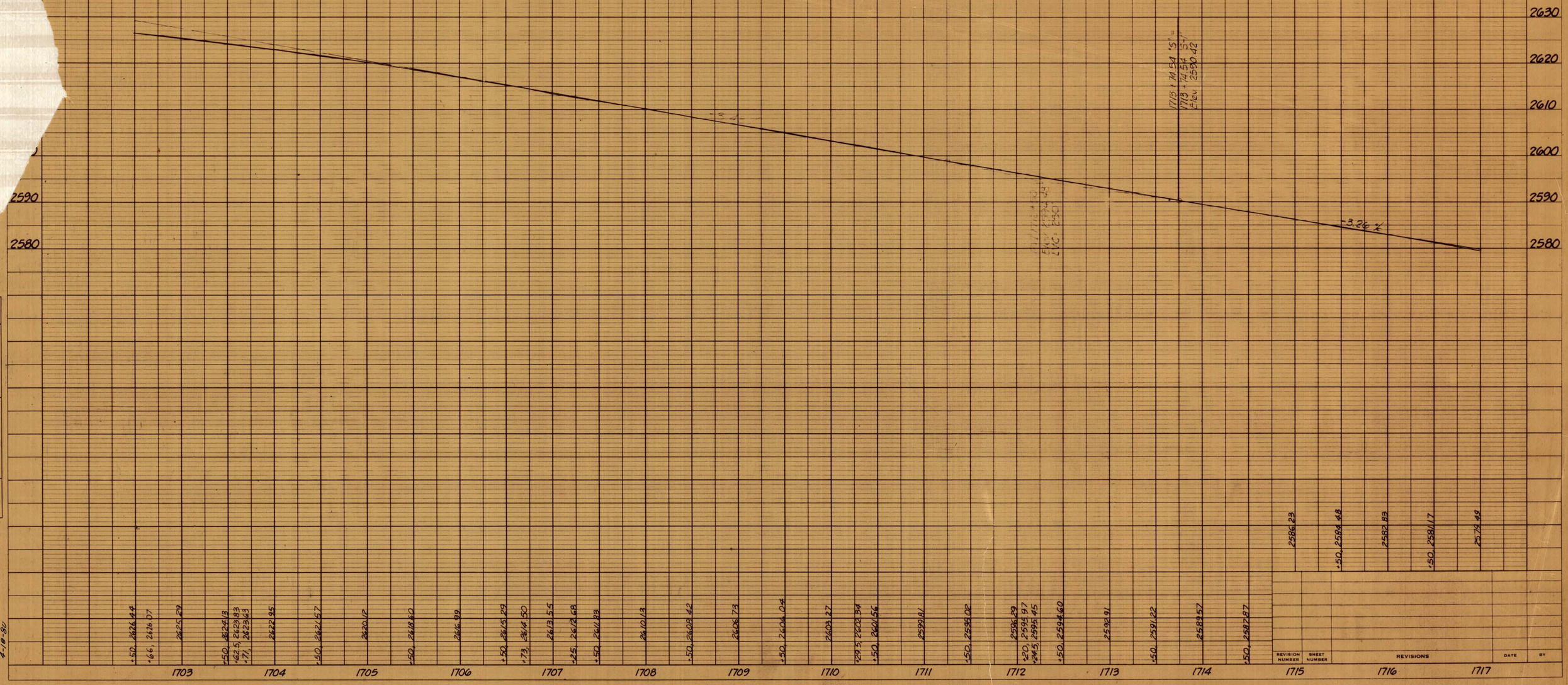
PLAN
SURVEYED
PLOTTED
NOTE BOOK
NO.
ALIGNMENT CHECKED
RT. OF WAY CHECKED
BY
DATE

PROFILE
SURVEYED
PLOTTED
NOTE BOOK
NO.
GRADES CHECKED
B. M.'s NOTED
STRUCTURE NOTATIONS CHKD
BY
DATE



REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

Public Roads Div	State Dist No	State Proj No	Federal Proj No	Fiscal Year	County	Sheet No	Total Sheets
W.Va.	10	X341	I-64-4(49)113 R/W	198	Raleigh	20	44



PROFILE

NOTE BOOK NO.

SURVEYED
PLOTTED
GRADES CHECKED
B.M.'s NOTED
STRUCTURE NOTAT'NS CH'KD

BY

DATE

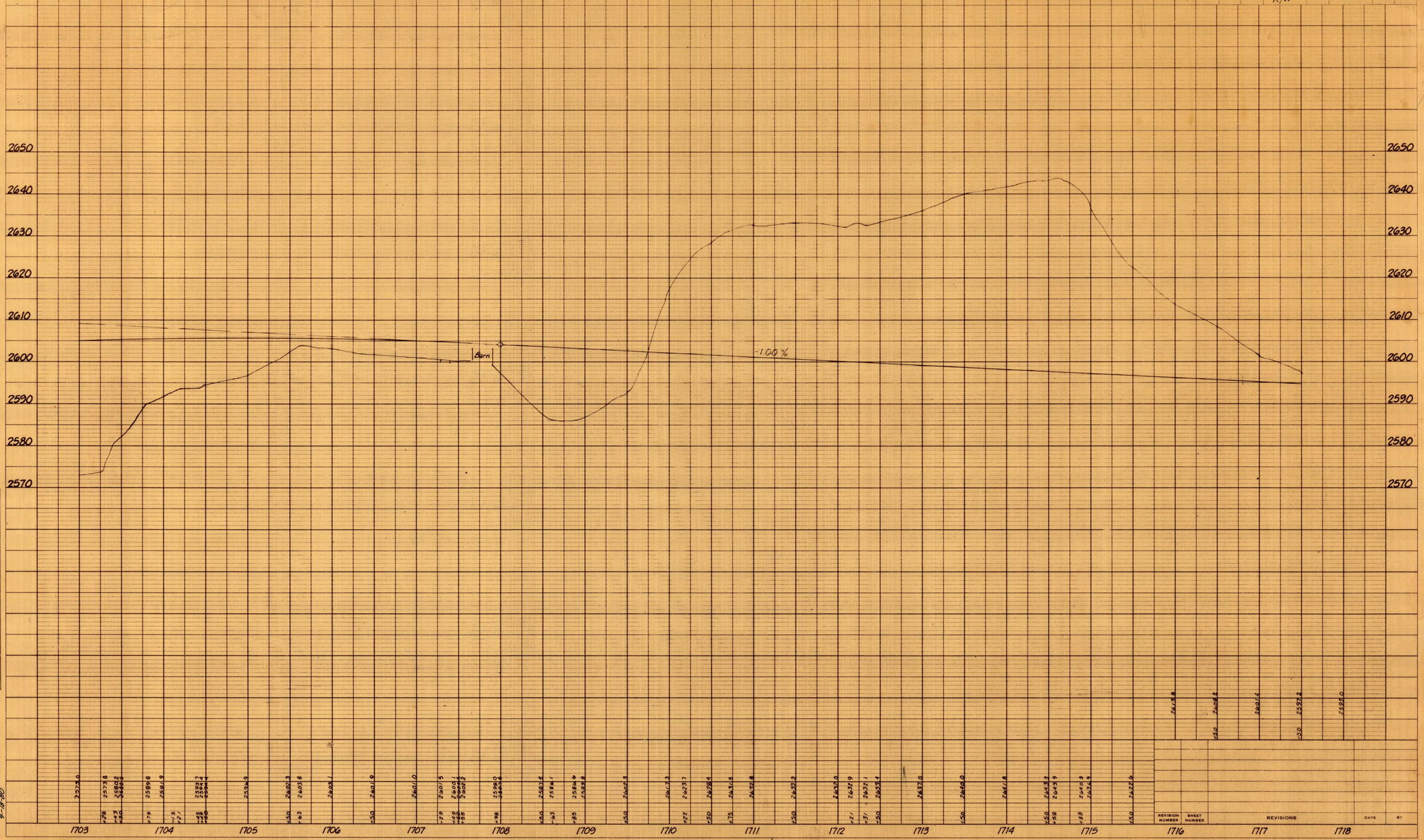
4-18-80

REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

Public Roads Div.	State Dist. No.	State Proj. No.	Federal Proj. No.	Fiscal Year	County	Sheet No.	Total Sheets
W.Va.	10	X341	I-64-4(49)113 R/W	198	Raleigh	21	44

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

PROFILE
NOTE BOOK NO.
SURVEYED
PLOTTED
GRADES CHECKED
B.M.s NOTED
STRUCTURE NOTATNS CH'KD
BY
DATE



REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

4-18-80

PUBLIC ROADS DIV.	STATE DIST. NO.	STATE PROJ. NO.	FEDERAL PROJ. NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
W.Va.	10	X341	I-64-4(49)113 R/W	198	Raleigh	17	44

B.M. No. 13 Elev. 2566.82
R.R. Spk. in 18" Popular
62.5 Lt. Sta. 1718+92.5 "S"

PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
R/T OF WAY CHECKED
NOTE BOOK NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
B.M.'s NOTED
STRUCTURE NOTATNS CHKD
NOTE BOOK NO.
BY
DATE

4-18-80

2590 2580 2570 2560 2550 2540 2530 2520 2510 2500 2490

-3.26%

-3.20%

-0.30%

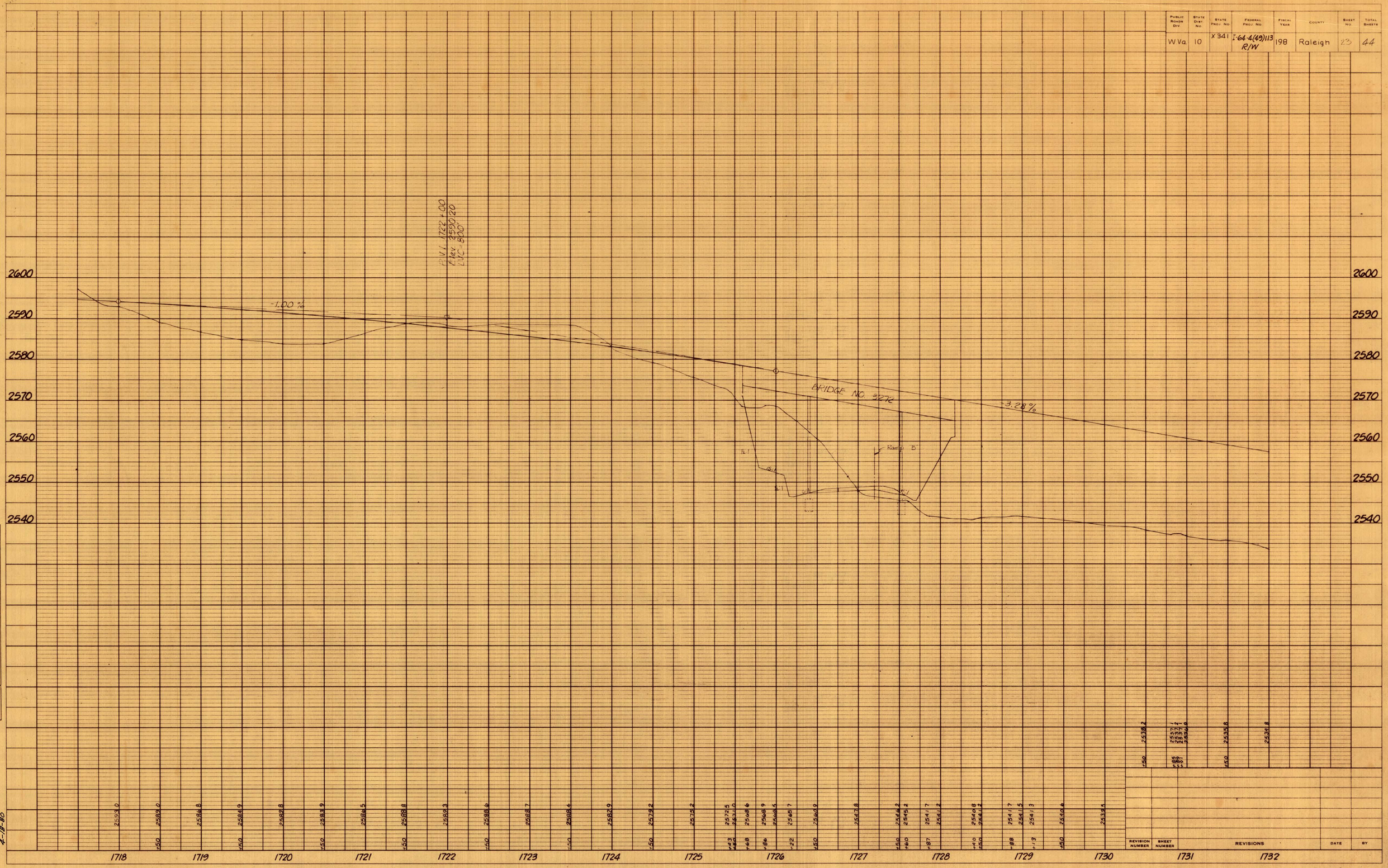
+20, Et. 2498.0

Profile 3R Sutter -Lt

1717+80.81 = 1760.25 Ahd
253.16 Ft. 35° Lt.

| | | |

Public Roads Div	State Dist. No.	State Proj. No.	Federal Proj. No.	Fiscal Year	County	Sheet No.	Total Sheets
W.Va.	10	X 341	I-64-4(49)113 R/W	198	Raleigh	23	44



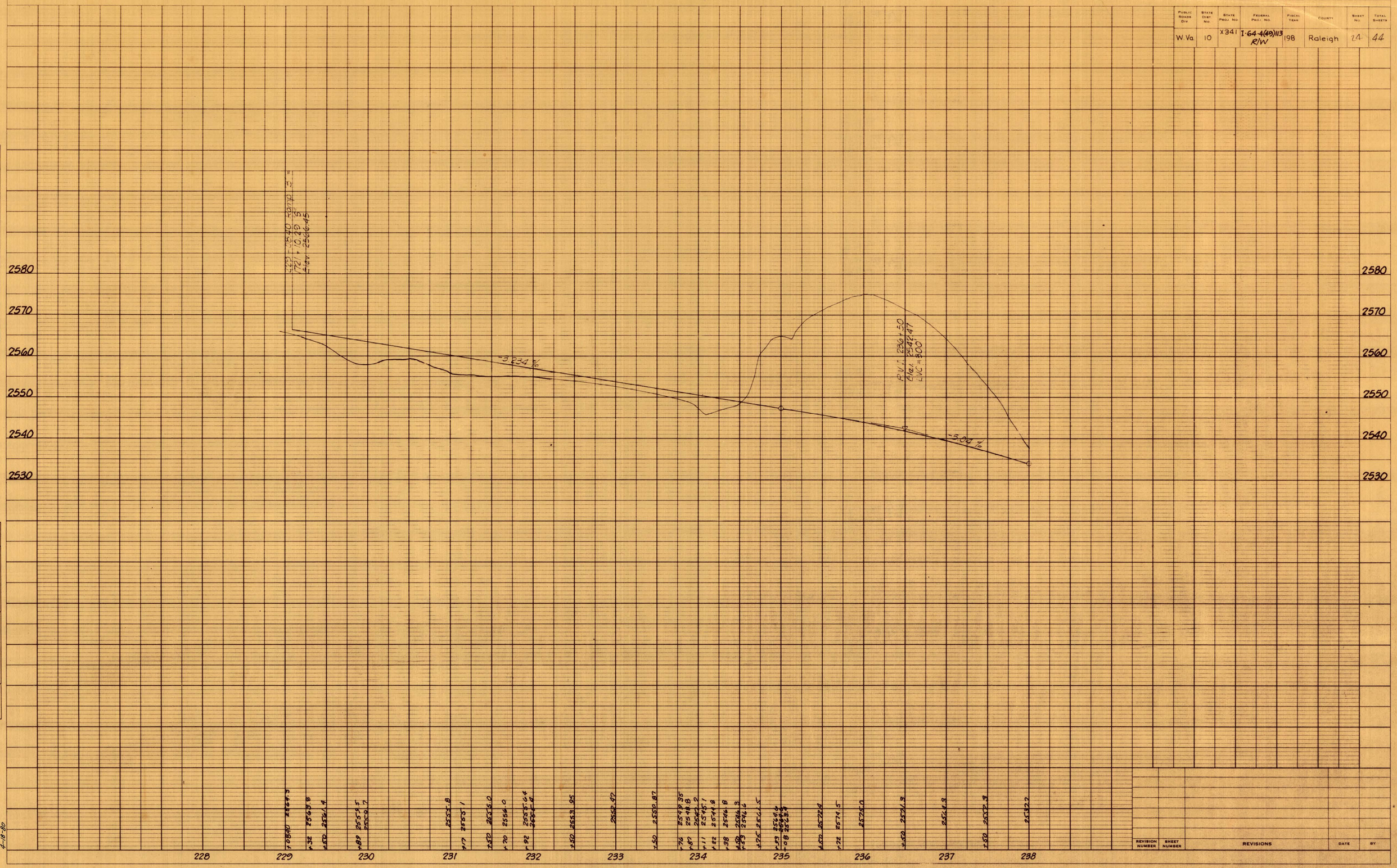
PLAN
NOTE BOOK NO.
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
BY
DATE

PROFILE
NOTE BOOK NO.
SURVEYED
PLOTTED
GRADES CHECKED
B.M.'s NOTED
STRUCTURE NOTAT'NS CH'KD
BY
DATE

4-18-80

REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

Public Roads Div	State Dist No	State Proj No	Federal Proj No	Fiscal Year	County	Sheet No	Total Sheets
W.Va.	10	X341	I-64-4(49)113 R/W	198	Raleigh	24	44



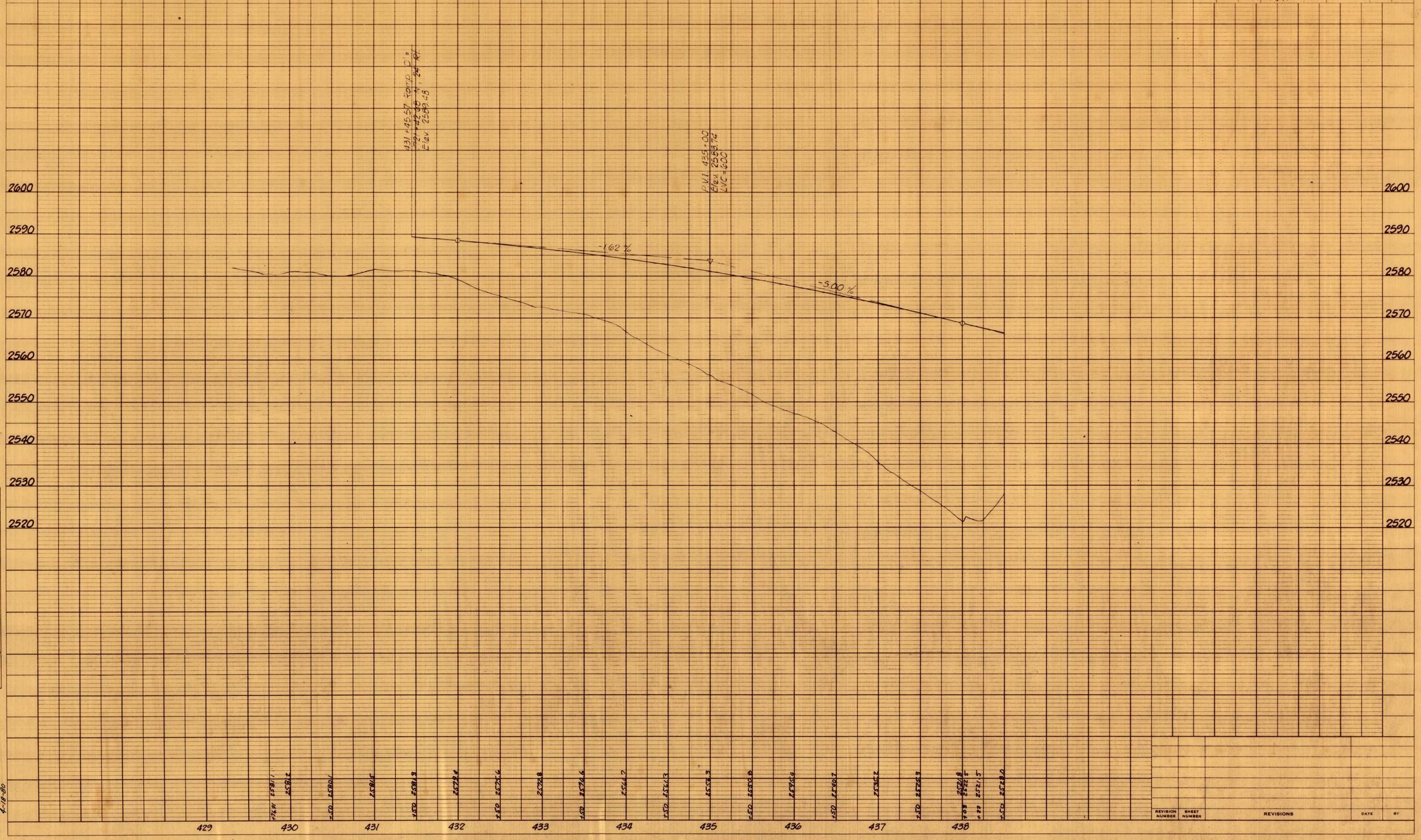
PLAN
NOTE BOOK NO.
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
BY
DATE

PROFILE
NOTE BOOK NO.
SURVEYED
PLOTTED
GRADES CHECKED
B.M.'s NOTED
STRUCTURE NOTAT'NS CH'KD
BY
DATE

4-18-80

REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

Public Roads Div.	State Dist. No.	State Proj. No.	Federal Proj. No.	Fiscal Year	County	Sheet No.	Total Sheets
W.Va	10	X341	I-64-4(49)113 R/W	198	Raleigh	25	44



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

PROFILE
NOTE BOOK NO.
SURVEYED
PLOTTED
GRADES CHECKED
B.M.'s NOTED
STRUCTURE NOTATNS CH'KD
BY
DATE

4-18-80

REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

PUBLIC ROADS DIV.	STATE DIST. NO.	STATE PROJ. NO.	FEDERAL PROJ. NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
W.Va.	10	X341	I-64-4(49)113 R/W	198	Raleigh	26	44

PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
GRADES CHECKED
B.M.'s NOTED
RT. OF WAY CHECKED
STRUCTURE NOTATNS CHKD
NOTE BOOK NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
B.M.'s NOTED
STRUCTURE NOTATNS CHKD
NOTE BOOK NO.
BY
DATE

4-18-80

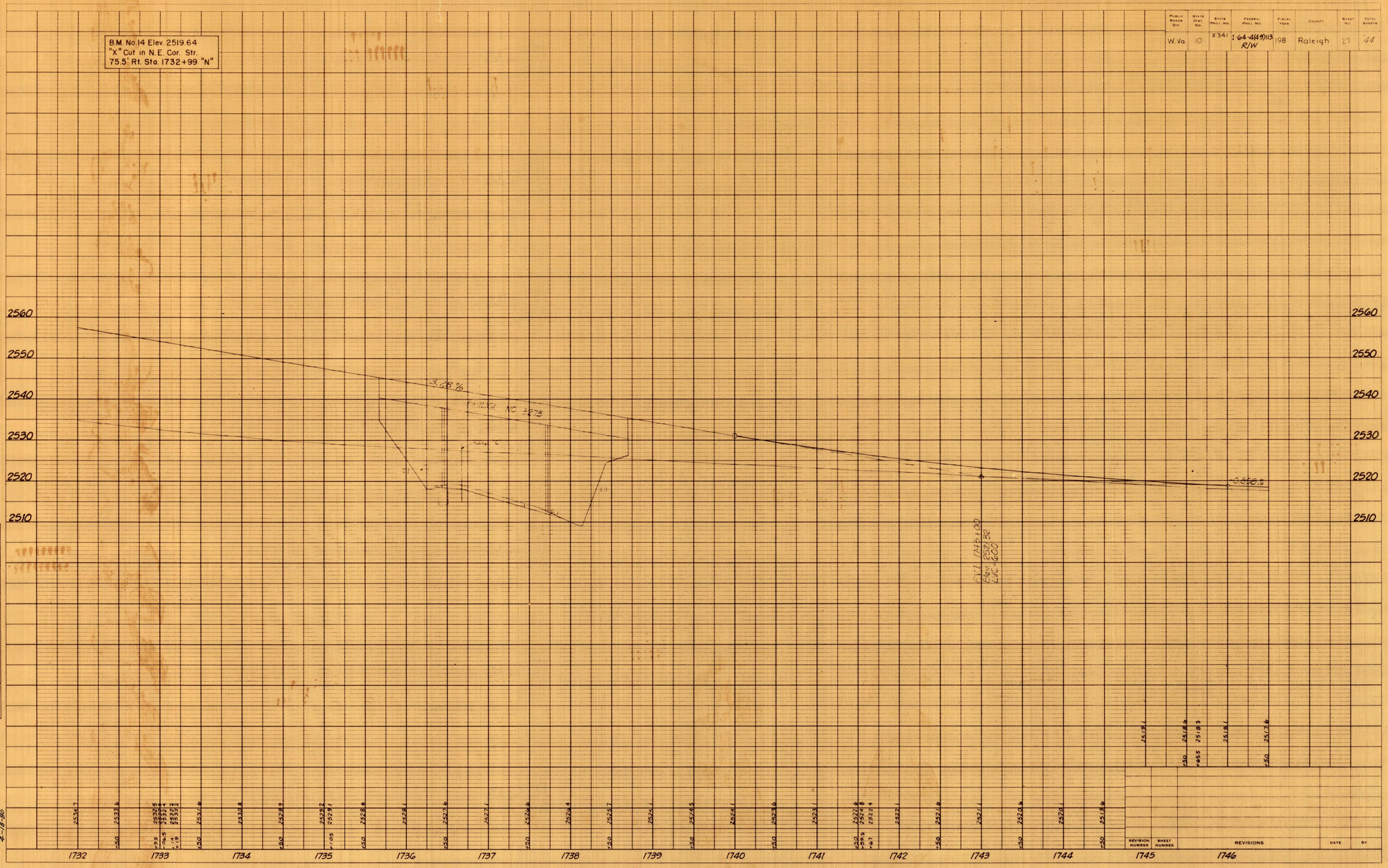
2540
2530
2520
2510
2500
2490
2480
2470
2460

3.06 %
0.80 %
+00, El. 2488.46
3.30 %
Profile D.R. Gutter-Lt.
+00, El. 2475.26
2.30 %

1731 1732 1733 1734 1735 1736 1737 1738 1739 1740 1741 1742 1743 1744 1745

REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

Public Roads Div.	State Dist. No.	State Proj. No.	Federal Proj. No.	Fiscal Year	County	Sheet No.	Total Sheets
W.Va.	10	X341	I-64-4(49)113 R/W	198	Raleigh	27	44



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

PROFILE
NOTE BOOK NO.
SURVEYED
PLOTTED
GRADES CHECKED
B.M.'s NOTED
STRUCTURE NOTAT'NS CH'KD
BY
DATE

4-18-80

REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

PUBLIC ROADS DIV	STATE DIST. NO.	STATE PROJ. NO.	FEDERAL PROJ. NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
W. Va.	10	X341	I-64-4(69)113 R/W	198	Raleigh	28	44

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

PROFILE
SURVEYED:
PLOTTED:
GRADES CHECKED:
BM & NOTE:
STRUCTURE NOTATNS CHKD:
NOTE BOOK NO.:
BY:
DATE:

4-18-80

2540
2530
2520
2510
2500
2490
2480
2470
2460

+3.27%
+2.80%

PWI 332+00
Elev 2519.86
LVC 100

Sta 327+00
Elev 2509.57

2509.6 2509.7 2509.8 2509.9 2510.0 2510.1 2510.2 2510.3 2510.4 2510.5 2510.6 2510.7 2510.8 2510.9 2511.0 2511.1 2511.2 2511.3 2511.4 2511.5 2511.6 2511.7 2511.8 2511.9 2512.0 2512.1 2512.2 2512.3 2512.4 2512.5 2512.6 2512.7 2512.8 2512.9 2513.0 2513.1 2513.2 2513.3 2513.4 2513.5

PUBLIC ROADS DIV	STATE DIST NO	STATE PROJ NO	FEDERAL PROJ NO	FISCAL YEAR	COUNTY	SHEET NO	TOTAL SHEETS
W.Va	10	X341	I-64-4(49)113 R/W	198	Raleigh	29	44

PLAN — SURVEYED; PLOTTED; ALIGNMENT CHECKED; R/W CHECKED; NOTE BOOK; NO.; BY; DATE

PROFILE — SURVEYED; PLOTTED; GRADES CHECKED; R/W MARKED; STRUCTURE NOTATNS CHKD; NOTE BOOK; NO.; BY; DATE

4-18-80

2550
2540
2530
2520
2510

-1.17 %

-2.16 %

PVI 134+00.00
Elev 2531.04
L = 820.

PVI 129+94.43 Temp. 24" RCP
Elev 2528.98
L = 220.00
Elev 2522.73

2521.5

| | | |

PUBLIC ROADS DIV	STATE DIST NO	STATE PROJ NO	FEDERAL PROJ NO	FISCAL YEAR	COUNTY	SHEET NO	TOTAL SHEETS
W.Va	10	X341	I-64-4(49)113 R/W	198	Raleigh	30	44

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

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
BM & NOTES
STRUCTURE NOTATNS CHKD
NOTE BOOK NO.

4-18-80

2490
2480
2470
2460
2450
2440
2430
2420
2410

-2.00 %
1.30 %
4.07 %
-5.00 %
1.00 %

P.V.I. 1746+00
Elev. 2465.36
L.V.C. = 400.00

100. El. 2461.46

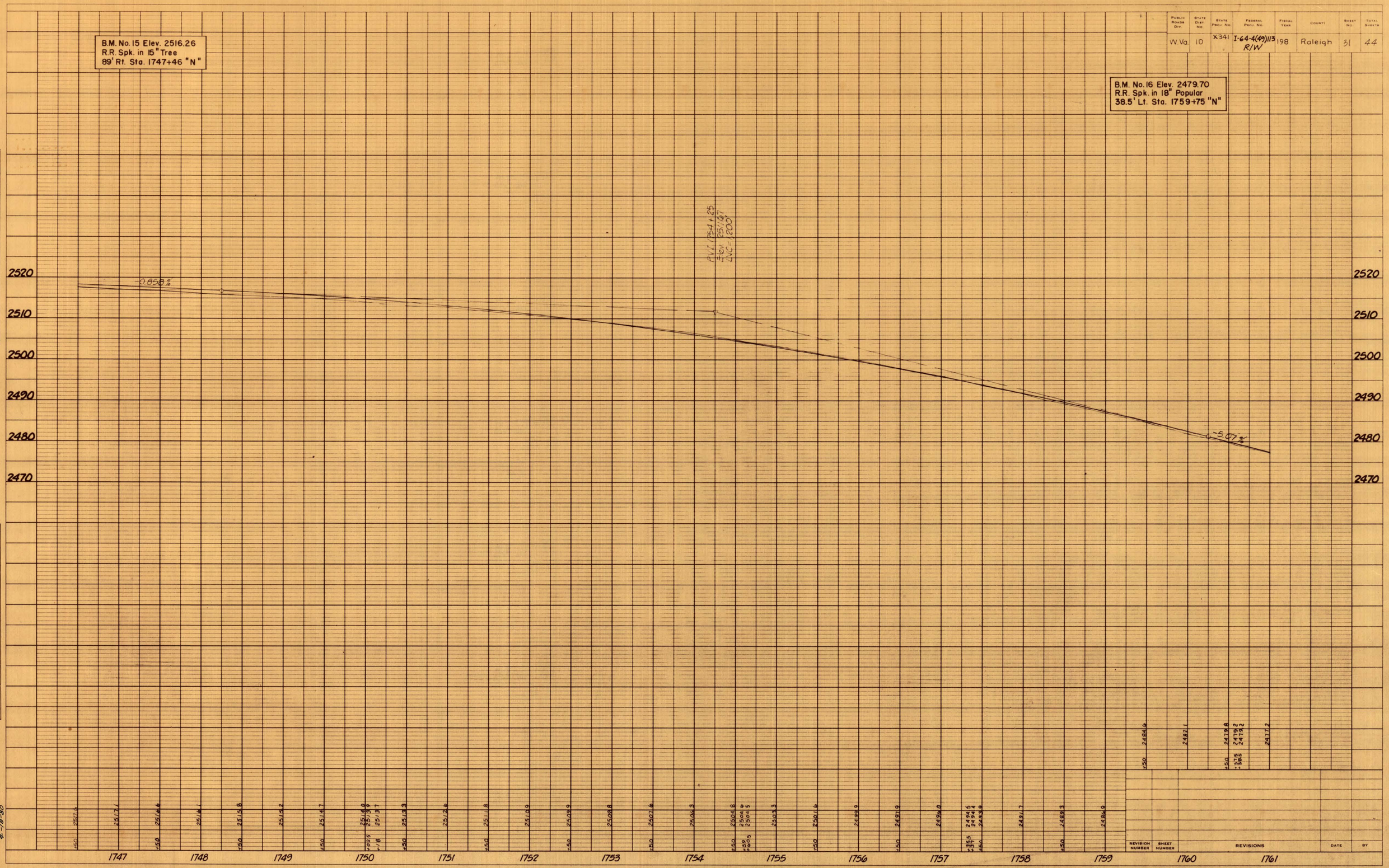
Profile O.K. Gutter Lt

150. 2485.00

P.V.I. 1750+50
Elev. 2469.68
L.V.C. = 1000.00

| | | |

Public Roads Div.	State Dist. No.	State Proj. No.	Federal Proj. No.	Fiscal Year	County	Sheet No.	Total Sheets
W.Va.	10	X341	I-64-4(49)113 R/W	198	Raleigh	31	44



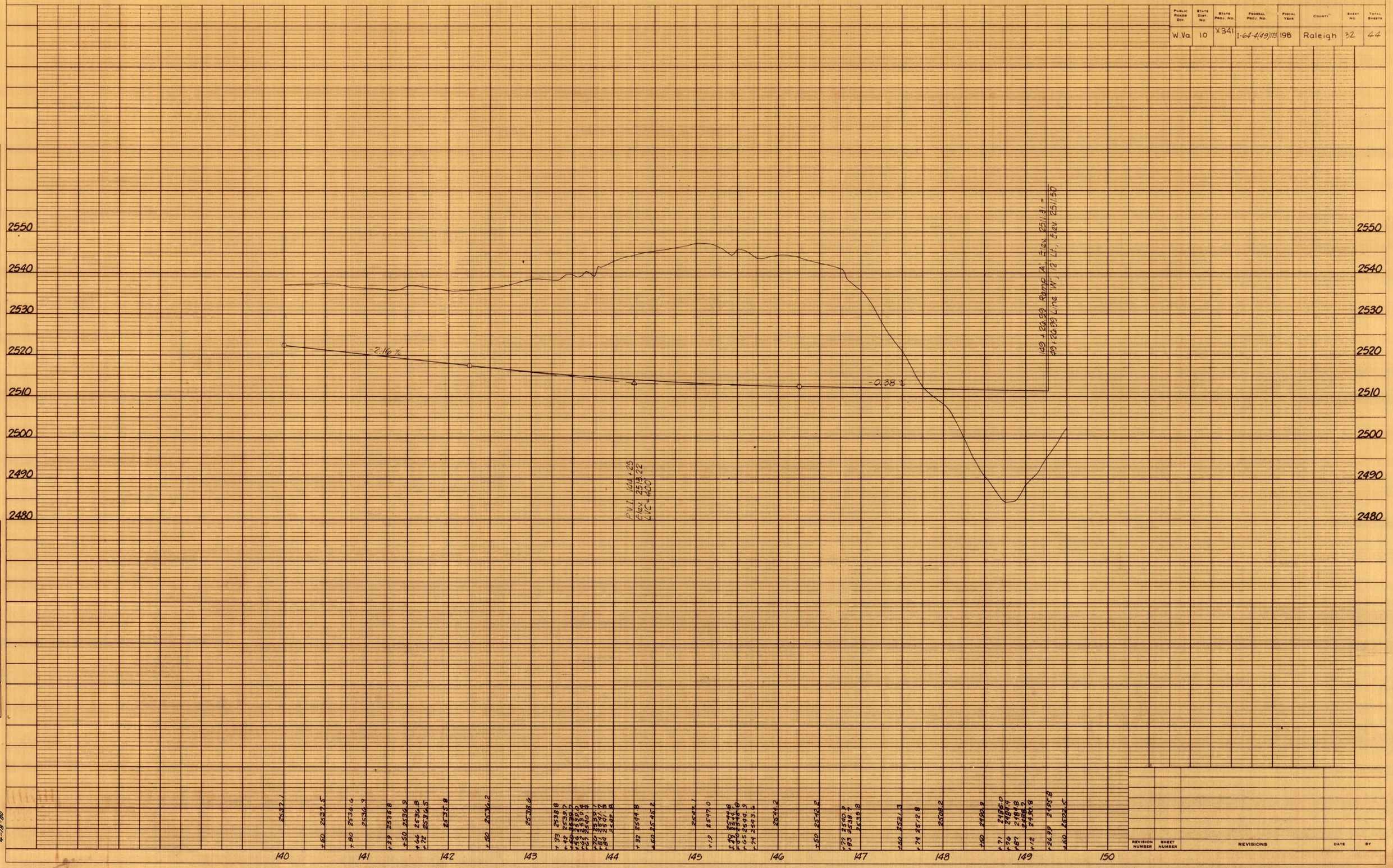
PLAN
NOTE BOOK NO.
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
BY
DATE

PROFILE
NOTE BOOK NO.
SURVEYED
PLOTTED
GRADES CHECKED
B.M.s NOTED
STRUCTURE NOTAT'NS CH'KD
BY
DATE

4-18-80

REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

Public Roads Div.	State Dist. No.	State Proj. No.	Federal Proj. No.	Fiscal Year	County	Sheet No.	Total Sheets
W.Va.	10	X341	I-64-4(49)113	198	Raleigh	32	44



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

PROFILE
NOTE BOOK NO.
SURVEYED
PLOTTED
GRADES CHECKED
B.M.s NOTED
STRUCTURE NOTATNS CHKD
BY
DATE

4-18-80

REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

PUBLIC ROADS DIV.	STATE DIST. NO.	STATE PROJ. NO.	FEDERAL PROJ. NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
W.Va.	10	X341	I-64-4(49)118	198	Raleigh	33	44

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

PROFILE
SURVEYED.
PLOTTED.
GRADES CHECKED.
BI. M's NOTED.
STRUCTURE NOTATNS CHKD
NOTE BOOK
NO.
BY
DATE

2560
2550
2540
2530
2520
2510
2500
2490
2480

-5.04 %

-0.50 %

Hsd

2149+26.99 Ramp 'B' Elev. 2511.12 =
49+26.99 L'ine 'W' 24' Lt., Elev. 2511.50

P.V.I. 242+00
Elev. 2514.75
LVC = 600.'

2530.2
2524.2
2521.9
2521.3
2515.2
2508.1
2514.1
2510.2
2514.8
2527.1
2511.2
2525.1
2519.5
2509.2
2506.5
2509.3
2506.5
2506.9
2508.0
2509.6
2513.9
2514.0
2517.1
2516.7
2517.2
2522.3
2522.3
2525.0
2534.2
2533.1
2538.3
2538.6
2538.1
2546.7
2540.5
2540.0
2540.3
2538.3
2541.2
2538.6
2538.3
2542.9
2537.9
2537.3
2538.4
2548.1
2548.7
2548.1
2547.3
2546.2
2540.5
2541.0
2541.3
2541.4
2541.7
2541.1
2541.4
2541.5
2541.6
2541.5
2541.6
2541.5
2541.6

PUBLIC ROADS DIV.	STATE DIST. NO.	STATE PROJ. NO.	FEDERAL PROJ. NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
W.Va.	10	X341	I-64-4(99)113	198	Raleigh	34	44

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

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
B. M.'s NOTED
STRUCTURE NOTATNS CHKD
NOTE BOOK NO.
BY
DATE

4-18-80

2570
2560
2550
2540
2530
2520
2510
2500
2490

-2.80 %

BRIDGE NO. 3271

Ramp 'B'

2:1

2:1

PVI 344+75
Elev 2549.06
LVC = 800'

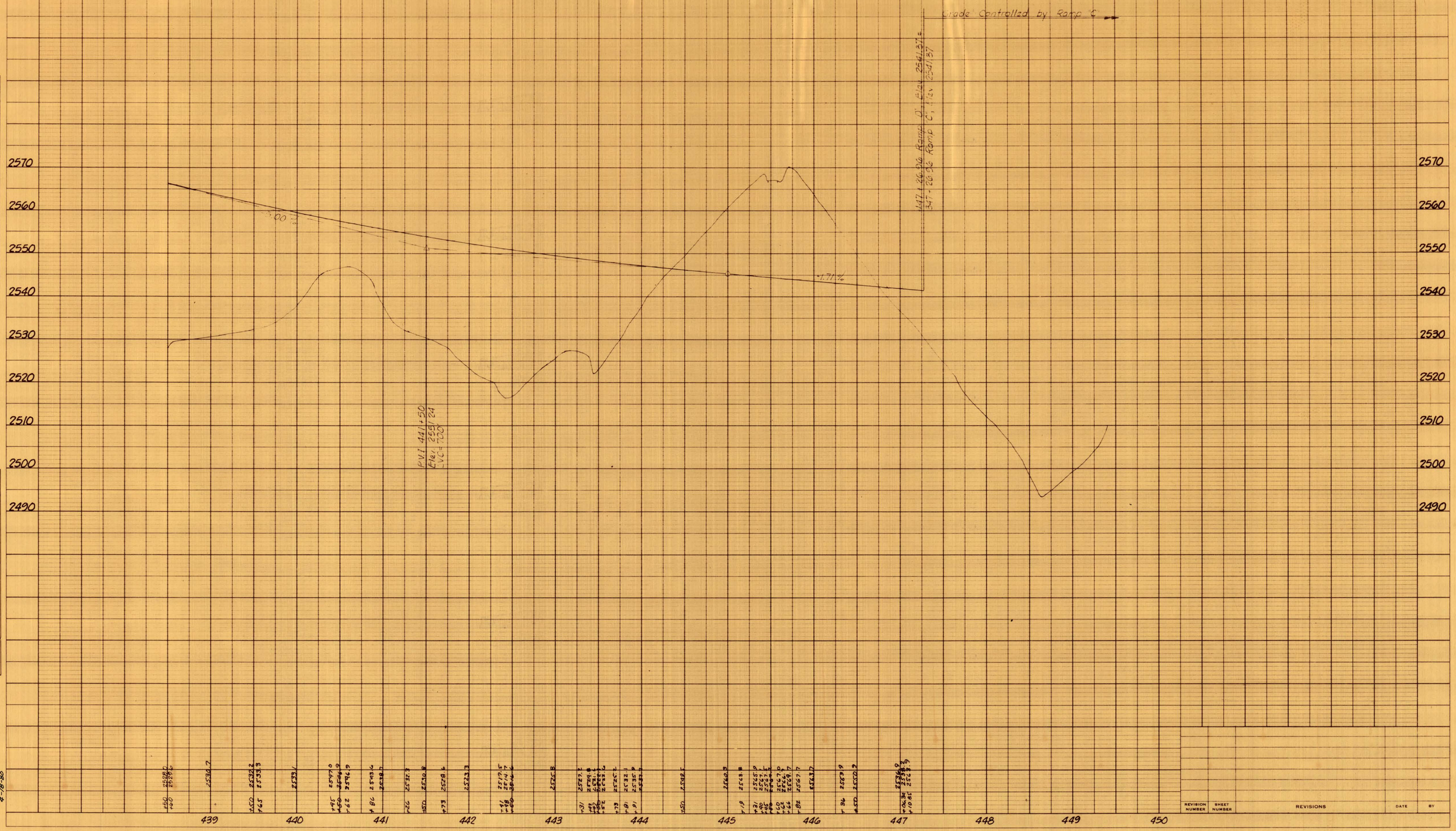
-2.75 %

349+26.99 Ramp 'C' Elev 2536.03 =
29+26.99 Line 'E', 24' Rt., Elev 2537.01

339 340 341 342 343 344 345 346 347 348 349 350

REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

Public Roads Div.	State Dist. No.	State Proj. No.	Federal Proj. No.	Fiscal Year	County	Sheet No.	Total Sheets
W.Va.	10	X341	I-64-4(49)113	198	Raleigh	35	44



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

PROFILE
NOTE BOOK NO.
SURVEYED
PLOTTED
GRADES CHECKED
B.M.'s NOTED
STRUCTURE NOTAT'NS CH'KD
BY
DATE

4-18-80

REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

PUBLIC ROADS DIV.	STATE DIST. NO.	STATE PROJ. NO.	FEDERAL PROJ. NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
W.Va.	10	X341	I-64-4(49)113	198	Raleigh	316	44

PLAN

NOTE BOOK NO.

SURVEYED
PLOTTED
ALIGNMENT CHKED
R/W WAY CHECKED

BY DATE

PROFILE

NOTE BOOK NO.

SURVEYED
PLOTTED
GRADES CHECKED
MASS HAUL
STRUCTURE NOTATNS CHKD

BY DATE

4-1080

LINE "W"

2512.0

+50 252464

+82 253304
253521

+40 253337
+50 253351

253320

+30 253503
+50 252782

-0.50 %

EL 2557.01

2540
2530
2520
2510
2500
2490

LINE "E"

2521.6

+25 252891

+50 253128

253350

+50 253345

253117

+50 252817

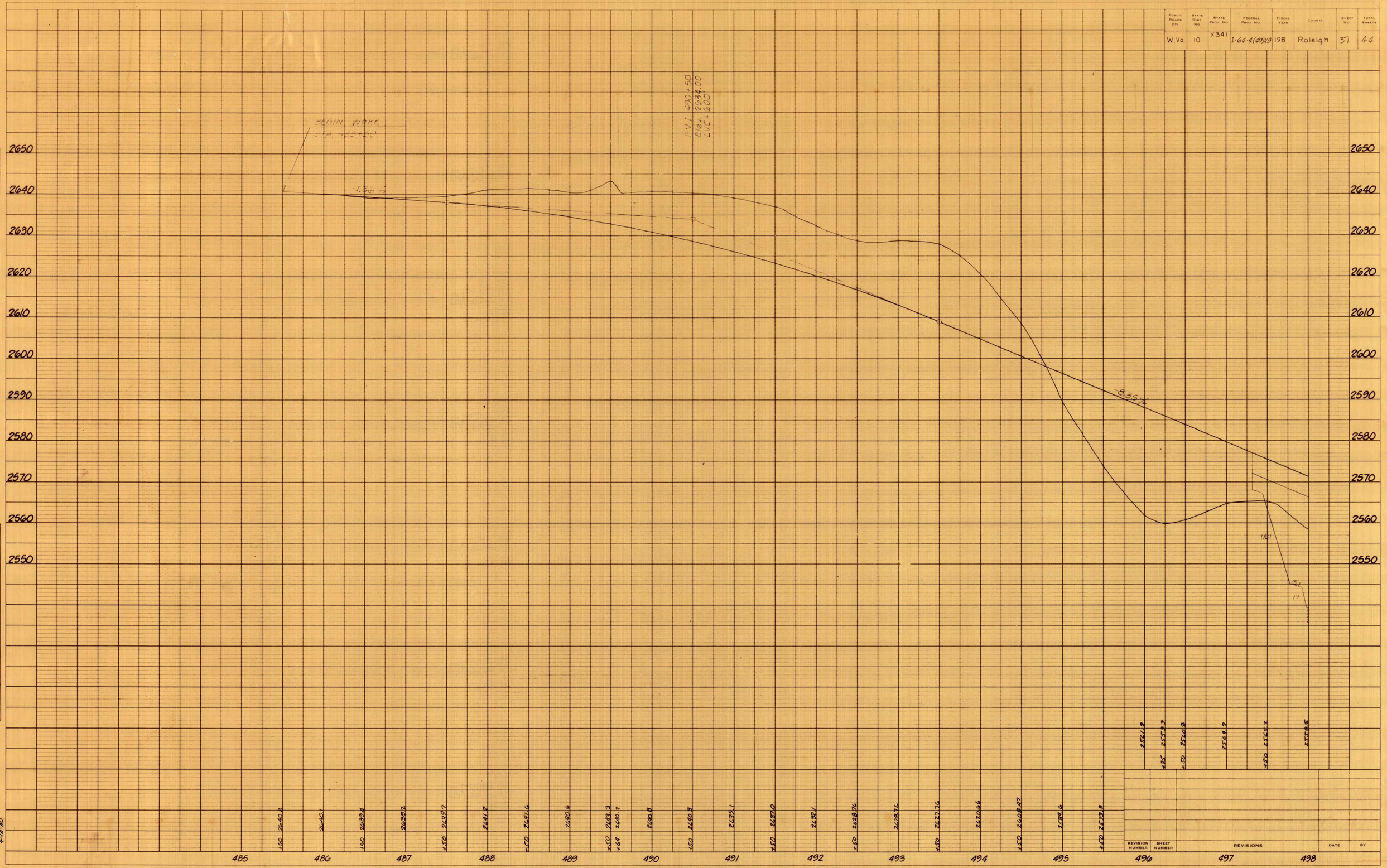
2557.01

2540
2530
2520
2510
2500

REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

49 50 51 52

Public Roads Div.	State Dist. No.	State Proj. No.	Federal Proj. No.	Fiscal Year	County	Sheet No.	Total Sheets
W.Va.	10	X341	I-64-4(49)113	198	Raleigh	37	44



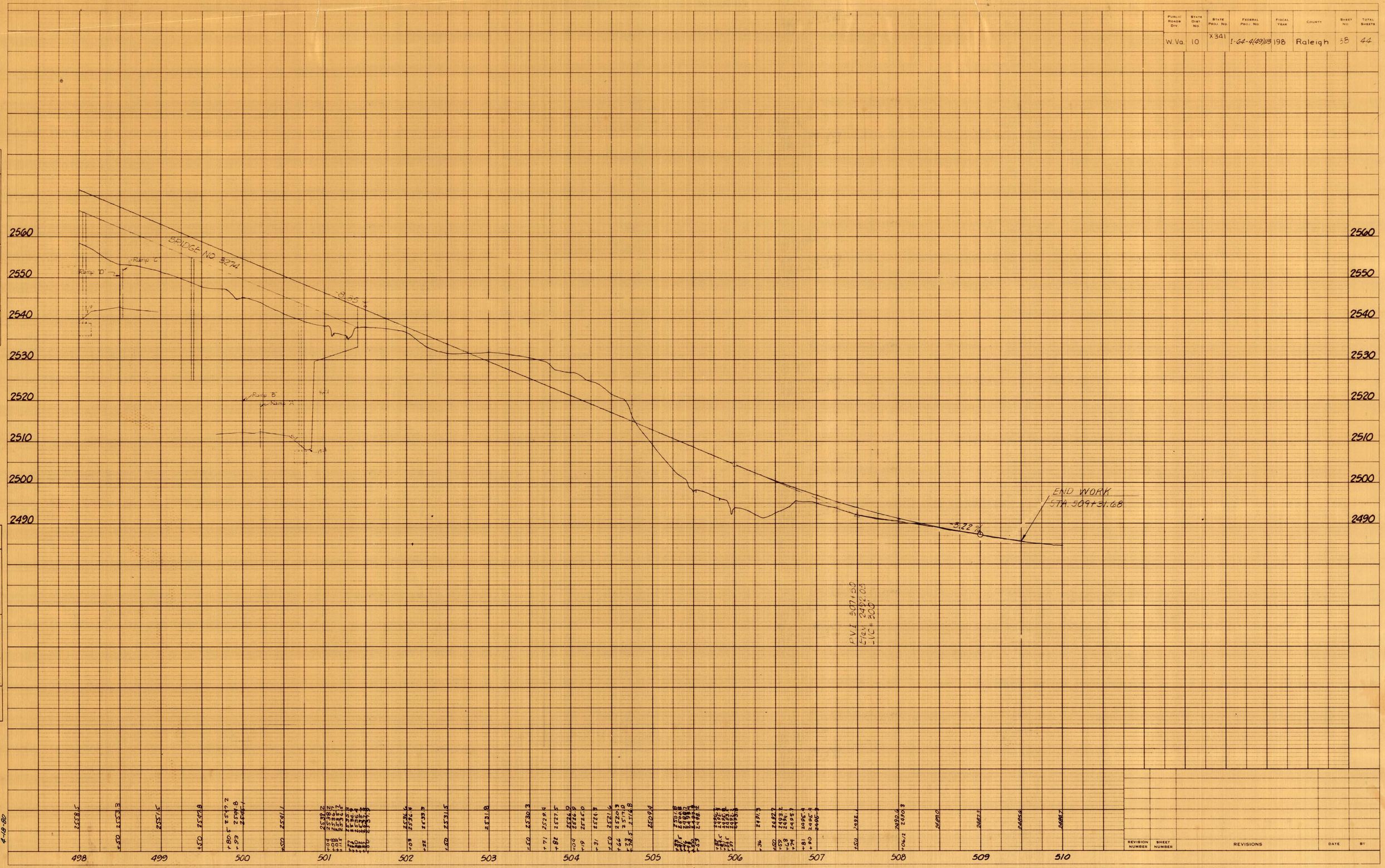
PLAN
NOTE BOOK NO.
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
BY
DATE

PROFILE
NOTE BOOK NO.
SURVEYED
PLOTTED
GRADES CHECKED
B.M.'s NOTED
STRUCTURE NOTAT'NS CH'KD
BY
DATE

4-18-80

REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

Public Roads Div.	State Dist. No.	State Proj. No.	Federal Proj. No.	Fiscal Year	County	Sheet No.	Total Sheets
W. Va.	10	X341	I-64-4(49)113	198	Raleigh	38	44



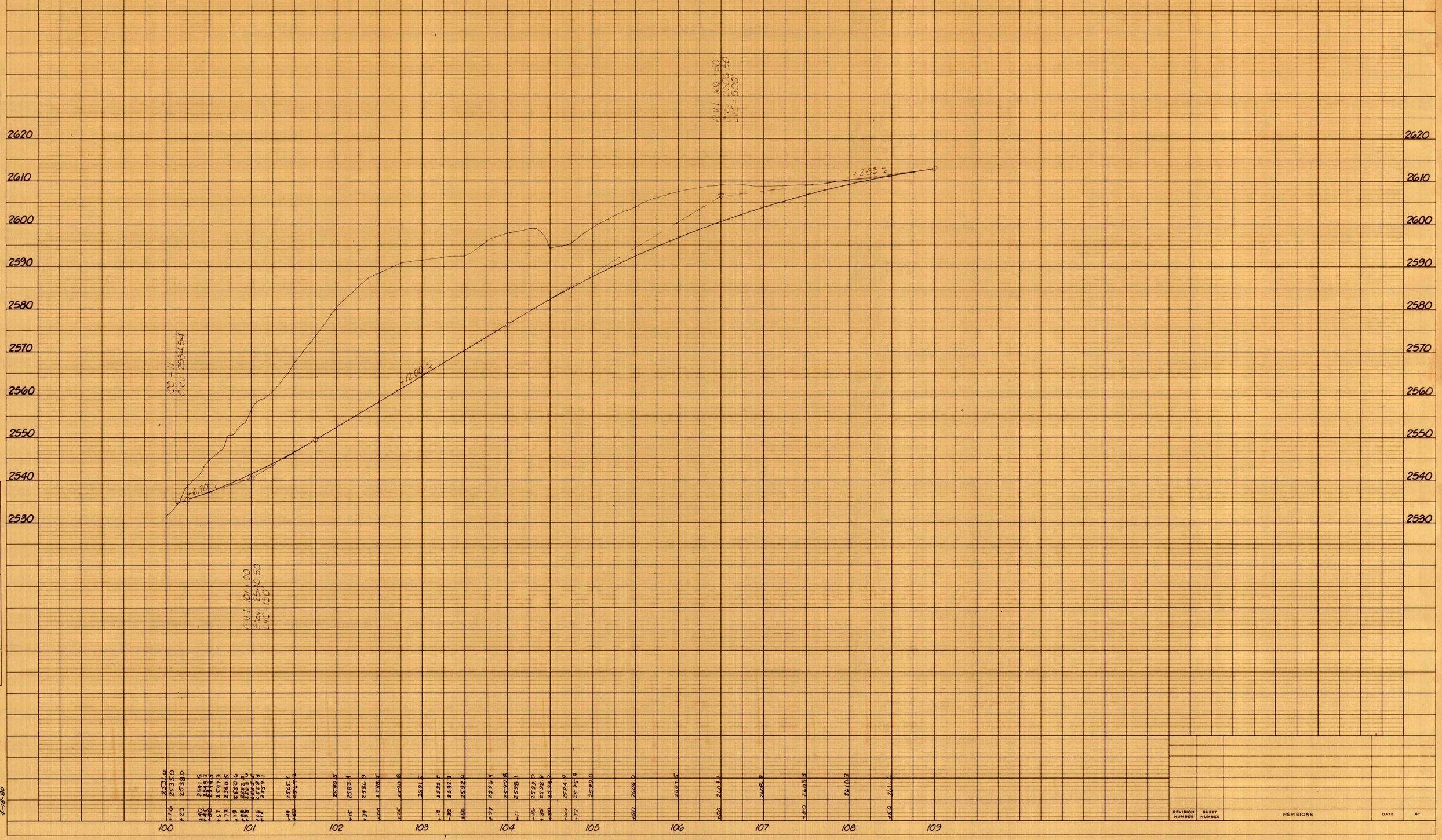
PLAN
NOTE BOOK NO.
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
BY
DATE

PROFILE
NOTE BOOK NO.
SURVEYED
PLOTTED
GRADES CHECKED
B.M.'s NOTED
STRUCTURE NOTATNS CH'KD
BY
DATE

4-18-80

REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

Public Roads Div	State Dist No	State Proj No	Federal Proj No	Fiscal Year	County	Sheet No	Total Sheets
W.Va	10	X 341	I-64-4(49)113	198	Raleigh	39	44



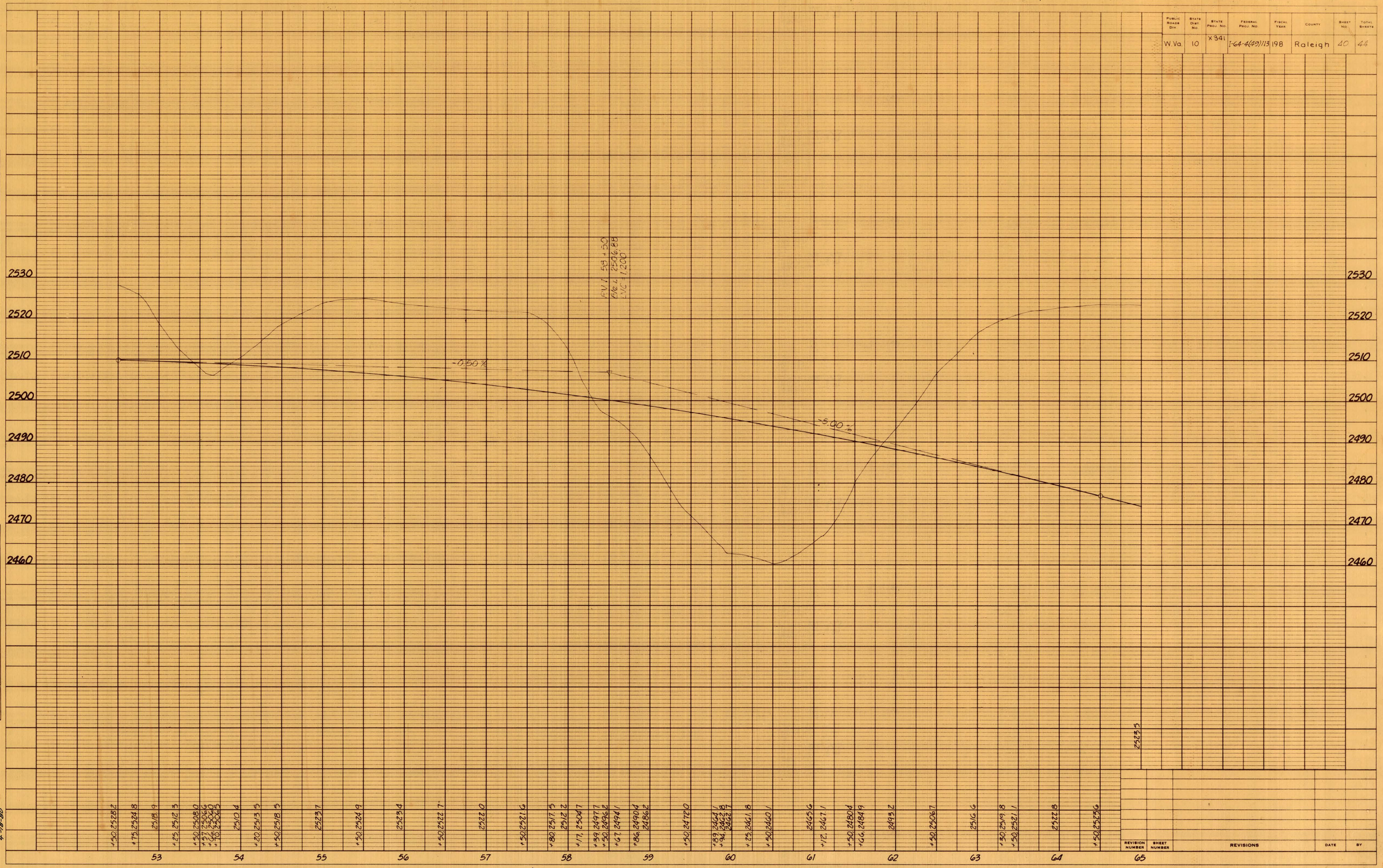
PLAN
NOTE BOOK NO.
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
BY
DATE

PROFILE
NOTE BOOK NO.
SURVEYED
PLOTTED
GRADES CHECKED
B.M.s NOTED
STRUCTURE NOTATNS CH'KD
BY
DATE

4-18-80

REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

Public Roads Div.	State Dist. No.	State Proj. No.	Federal Proj. No.	Fiscal Year	County	Sheet No.	Total Sheets
W.Va.	10	X341	I-64-4(49)113	198	Raleigh	40	44



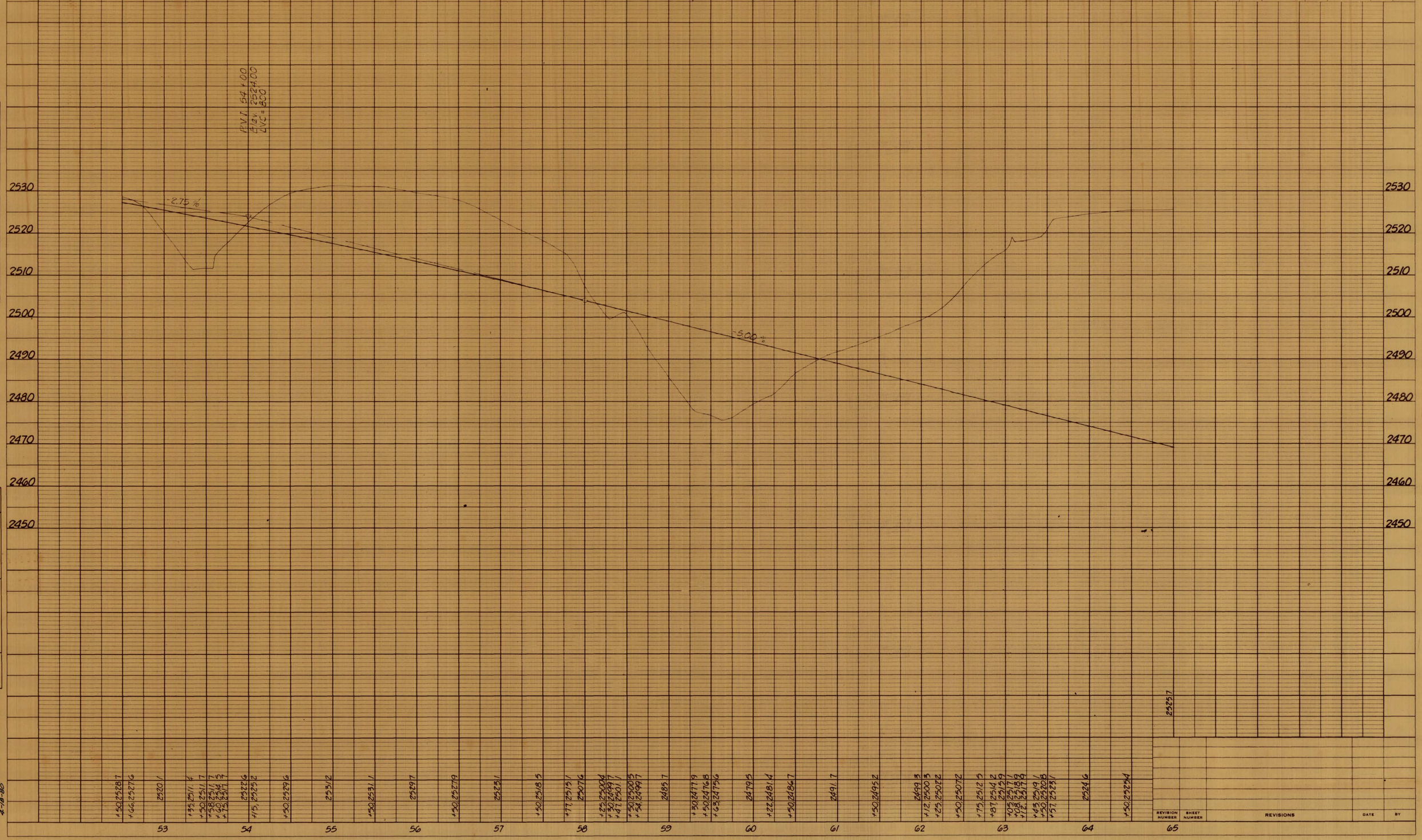
PLAN
NOTE BOOK NO.
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
BY
DATE

PROFILE
NOTE BOOK NO.
SURVEYED
PLOTTED
GRADES CHECKED
B.M.'s NOTED
STRUCTURE NOTAT'NS CH'KD
BY
DATE

4-18-80

REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

Public Roads Div.	State Dist. No.	State Proj. No.	Federal Proj. No.	Fiscal Year	County	Sheet No.	Total Sheets
W.Va	10	X341	I-64-4(49)113	198	Raleigh	41	44

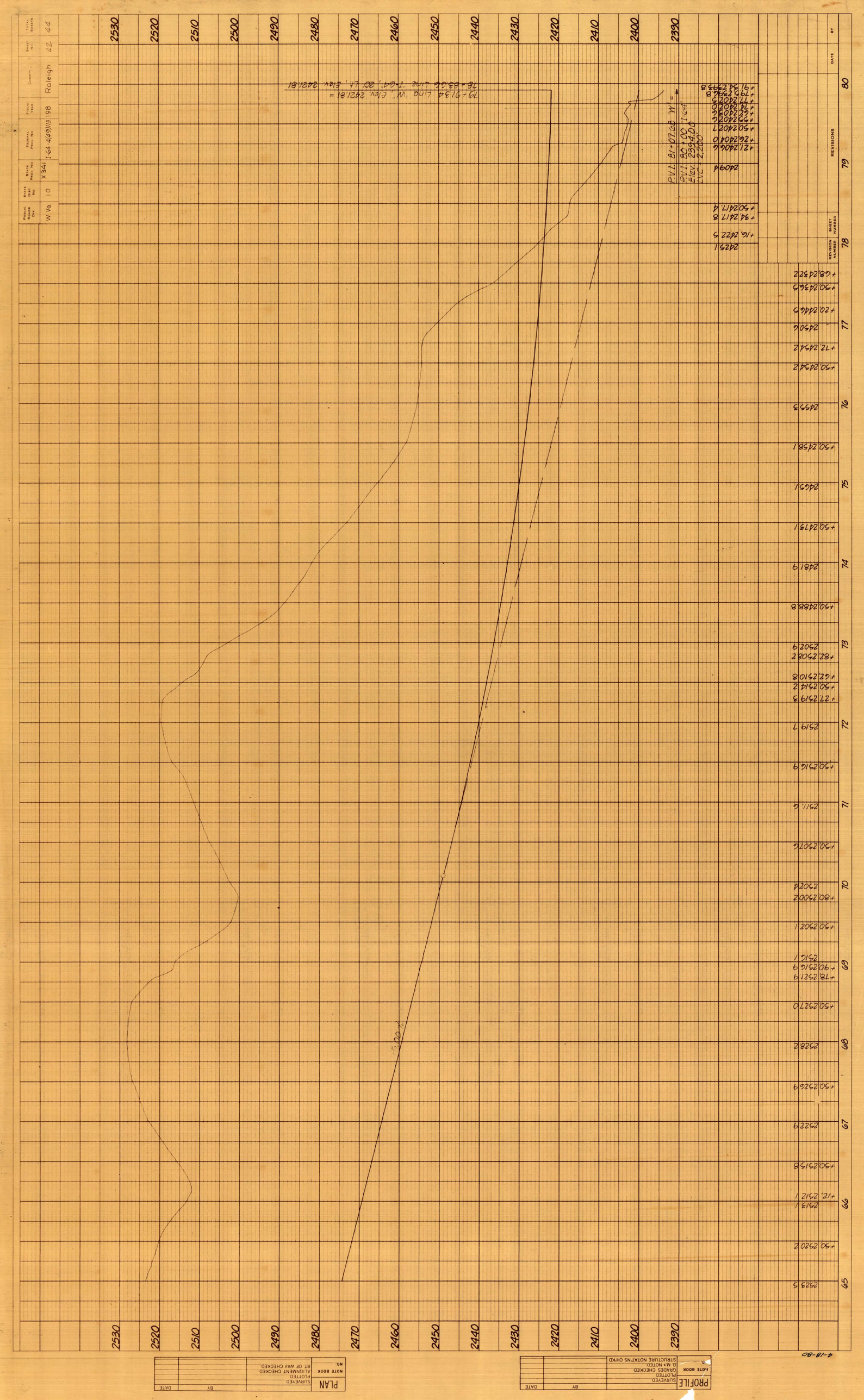


PLAN
NOTE BOOK NO.
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
BY
DATE

PROFILE
NOTE BOOK NO.
SURVEYED
PLOTTED
GRADES CHECKED
B.M.s NOTED
STRUCTURE NOTAT'NS CH'KD
BY
DATE

4-18-80

REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY


PROJECT ROADS DIV W Va
STATE PROJ NO X341
FEDERAL PROJ NO I-64-4(69)118
FISCAL YEAR 198
COUNTY Raleigh
SHEET NO 42
TOTAL SHEETS 44
REVISIONS
REVISION NUMBER
SHEET NUMBER
DATE
BY
PVI 81+07.56
Elev 2340.00
L/2 = 2200'
L=4400'
79+91.34 Lng. N. Elev. 2421.81 =
78+83.66 Line 1-64, 20' Lt. Elev. 2421.81
PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
& MM NOTED
STRUCTURE NOTATNS CHKD
NOTE BOOK
BY
DATE
PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
NOTE BOOK
NO.
BY
DATE
4-18-80

PUBLIC ROADS DIV.	STATE DIST. NO.	STATE PROJ. NO.	FEDERAL PROJ. NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
W.Va.	10	X341	I-64-4(49)113	198	Raleigh	44	44

PLAN

SURVEYED
ALIGNMENT
ALIGNMENT CHECKED
RT. OF WAY CHECKED

NOTE BOOK NO.

BY

DATE

2420 2410 2400 2390 2380 2370 2360 2350 2340 2330 2320 2310 2300 2290 2280 2270 2260 2250 2240 2230

2420 2410 2400 2390 2380 2370 2360 2350 2340 2330 2320 2310 2300 2290 2280 2270 2260 2250 2240 2230

2430 2420 2410 2400 2390 2380 2370 2360 2350 2340 2330 2320 2310 2300 2290 2280 2270 2260 2250 2240 2230

2450 2440 2430 2420 2410 2400 2390 2380 2370 2360 2350 2340 2330 2320 2310 2300

PI 7+33.00
Elev. 2421.81

-5.00 %

+5.00 %

+5.00 %

PVI 50+00.00
Elev. 2397.00
LVC = 2.00

80 81 82 83 84 85 86 87 88 89 90 91 92

REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY