

INDEX OF SHEETS	
SHEET NO.	DESCRIPTION
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2	TYPICAL CROSS-SECTION OF IMPROVEMENT (1 1/2" BITUMINOUS CONCRETE PAVEMENT, ITEM 341-B)
3	QUANTITY SHEET (ITEMS)
4	QUANTITY SHEET (DRAINAGE)
5-8	EARTHWORK SHEETS
9-21	PLAN AND PROFILE SHEETS
22	STANDARD SHEET A-61 (ROLLING AND BLASTING OF SOLID ROCK SUBGRADE)
23	STANDARD SHEET B-1 (BANKING TABLES)
24	STANDARD SHEET B-5 (TYPICAL SLOPE GRADING, TURNOUTS)
25	STANDARD SHEET B-6 (MUCK EXCAVATION)
26	STANDARD SHEET B-10 (EMBANKMENT)
27	STANDARD SHEET D-1 (PRECAST RCP DROP INLET WITH COVER)
28	STANDARD SHEET D-2 (DRAINAGE)
29	STANDARD SHEET E-1 (BARRICADES, SIGNS, AND LIGHTS - FOR ROADWAY)
30	STANDARD SHEET E-2 (BARRICADES, SIGNS, AND LIGHTS - FOR BRIDGES)
31	STANDARD SHEET G-1 (STEEL BEAM GUARD RAIL WITH STEEL POSTS)
32	STANDARD SHEET G-2a (TWO CABLE GUARD RAIL)
33	STANDARD SHEET G-2b (TWO CABLE GUARD RAIL - DEAD END ANCHORAGE)
34	STANDARD SHEET G-4 (GUIDE POSTS AND MARKER POSTS)
35	STANDARD SHEET J-1 (PROJECT MARKERS AND BOUNDARY MARKERS)
36	STANDARD SHEET SCB-30-58 (BRIDGE ROADWAY DETAILS)
37	STANDARD SHEET SB-20-56 (W/ BRIDGE DETAILS)
38	SUBSTRUCTURE DETAILS
39	DETAILS OF ABUTMENTS #1 AND #2
40	REINFORCING STEEL SCHEDULE
41-45	CROSS SECTIONS AT STA. 605+40
46	DETAILS OF 12'-6" x 7'-11" x 92'-0" CGMR ARCH AT STA. 501+08 (SHEET 1 OF 2)
47	DETAILS OF 12'-6" x 7'-11" x 92'-0" CGMR ARCH AT STA. 501+08 (SHEET 2 OF 2)
48-116	ROADWAY CROSS SECTIONS
117-118	CURVE BANKING TRANSITION DIAGRAMS

BENCH MARKS BASED ON U.S.G.S. ELEVATIONS

STATE OF VERMONT DEPARTMENT OF HIGHWAYS Proposed Improvement

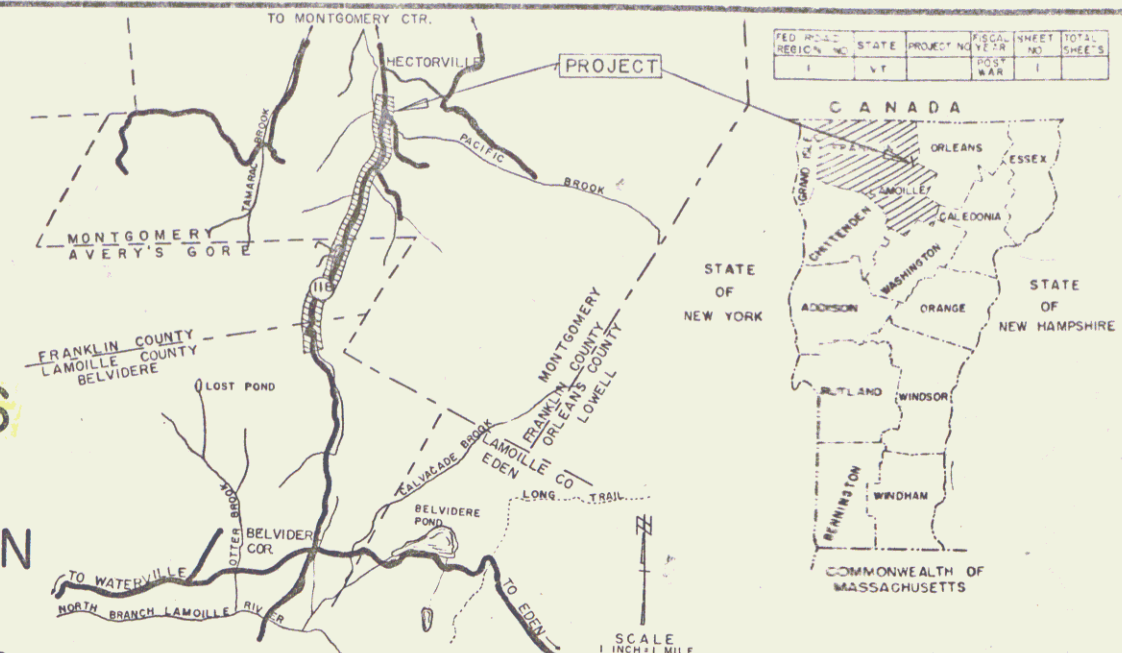
TOWNS OF BELVIDERE, AVERY'S GORE AND MONTGOMERY
COUNTIES OF LAMOILLE AND FRANKLIN
VERMONT ROUTE NO. 118

BELVIDERE COR. - MONTGOMERY CTR. ROAD

BEGINNING AT A POINT APPROXIMATELY 0.3 MILE SOUTHERLY OF THE BELVIDERE-AVERY'S GORE TOWN LINE AND EXTENDING NORTHEASTERLY 2.821 MILES.

LENGTH OF ROADWAY 14,826.7 FEET = 2.810 MILES
LENGTH OF BRIDGE 590 FEET = 0.011 MILES
LENGTH OF PROJECT 14,895.7 FEET = 2.821 MILES

1958 ADT = 145
1960 ADT = 215
1960 DHV = 80
V = 40 MPH
D = 65 %
T = 15 %



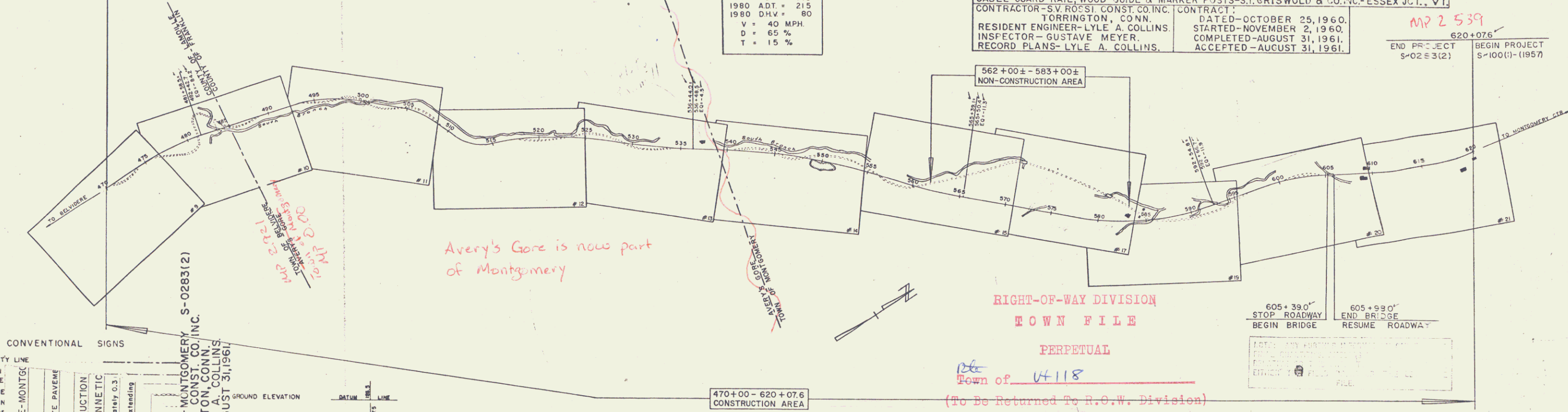
PROJECT NAME & NUMBER TYPE PAVEMENT AREA
BELVIDERE-AVERY'S GORE - MONTGOMERY S-0283(2) 1 1/2" BIT. CONC. FAVE. 33,300 S.Y.

RECORD PLANS

MATERIALS
SUBBASE OF GRAVEL - DELEON PITS & MERCY PIT - MONTGOMERY, VERMONT.
CUTBACK ASPHALT - MOBIL OIL CO. - EAST PROVIDENCE, RHODE ISLAND.
BITUMINOUS CONCRETE PAVEMENT - L.M. PIKE & SON - LACONIA, N.H. (LUXBURY, VT. PLANT)
R.C. PIPE & R.C.P.D.'S - VERMONT CONCRETE PIPE CO. - WINDSOR, VERMONT.
ACC.G. METAL PIPE & CGM.R. PIPE ARCH - NEW ENGLAND MET. CULV. CO. - WHITE RIVER JCT., VT.
CABLE GUARD RAIL, WOOD GUIDE & MARKER POSTS - ST. GRISWOLD & CO. INC. - ESSEX JCT., VT.
CONTRACTOR - S.V. ROSSI CONST. CO. INC. TORRINGTON, CONN. DATED - OCTOBER 25, 1960.
RESIDENT ENGINEER - LYLE A. COLLINS. STARTED - NOVEMBER 2, 1960.
INSPECTOR - GUSTAVE MEYER. COMPLETED - AUGUST 31, 1961.
RECORD PLANS - LYLE A. COLLINS. ACCEPTED - AUGUST 31, 1961.

END PROJECT S-0283(1)
BEGIN PROJECT S-0283(2)

END PROJECT S-0283(2)
BEGIN PROJECT S-100(1) - (1957)



CONVENTIONAL SIGNS

COUNTY LINE	TOWN FENCE	STONE UNFEN GUARD	TRAVEL RAIL	RETAINT CENT	SURVEY	CULVE	DROP	TROD	POWE	TREES	HEDGE
PROJECT BELVIDERE-AVERY'S GORE-MONTGOMERY	PROJECT BELVIDERE-AVERY'S GORE-MONTGOMERY	PROJECT BELVIDERE-AVERY'S GORE-MONTGOMERY	PROJECT BELVIDERE-AVERY'S GORE-MONTGOMERY	PROJECT BELVIDERE-AVERY'S GORE-MONTGOMERY	PROJECT BELVIDERE-AVERY'S GORE-MONTGOMERY	PROJECT BELVIDERE-AVERY'S GORE-MONTGOMERY	PROJECT BELVIDERE-AVERY'S GORE-MONTGOMERY	PROJECT BELVIDERE-AVERY'S GORE-MONTGOMERY	PROJECT BELVIDERE-AVERY'S GORE-MONTGOMERY	PROJECT BELVIDERE-AVERY'S GORE-MONTGOMERY	PROJECT BELVIDERE-AVERY'S GORE-MONTGOMERY

BELVIDERE-AVERY'S GORE-MONTGOMERY S-0283(2)
CONTRACTOR - S.V. ROSSI CONST. CO. INC. TORRINGTON, CONN.
RECORD PLANS - LYLE A. COLLINS
COMPLETED - AUGUST 31, 1961

GROUND ELEVATION	<u>DATUM</u>	<u>LINE</u>
CURVE DATA		
DEFLECTION OF ANGLE	Δ	
DEGREE OF CURVE	D	
RADIUS OF CURVE	R	
TANGENT DISTANCE	T	
LENGTH OF CURVE	L	
EXTERNAL DISTANCE	E	
POINT OF INTERSECTION	PI	
POINT OF CURVE	P.C.	
POINT OF TANGENT	P.T.	
POINT ON TANGENT	P.O.T.	
POINT ON SUB-TANGENT	P.O.S.T.	

SCALES	
TITLE	1" = 500'
TYPICAL	1" = 2'
PLAN	1" = 50'
PROFILE HORIZONTAL	1" = 50'
VERTICAL	1" = 10'
CROSS-SECTIONS	1" = 5'

APPROVED <i>[Signature]</i> DISTRICT ENGINEER DATE Sept. 30, 1960	APPROVED <i>[Signature]</i> SECONDARY ENGINEER DATE Nov. 10, 1960	APPROVED <i>[Signature]</i> CONSTRUCTION ENGINEER DATE Nov. 5, 1960	APPROVED <i>[Signature]</i> PAID CHIEF DATE Apr. 28, 1960	APPROVED <i>[Signature]</i> DISTRICT ENGINEER DATE Jan. 13, 1960	APPROVED <i>[Signature]</i> HIGHWAY ENGINEER DATE 3/11/60	APPROVED <i>[Signature]</i> PAID CHIEF DATE Apr. 28, 1960
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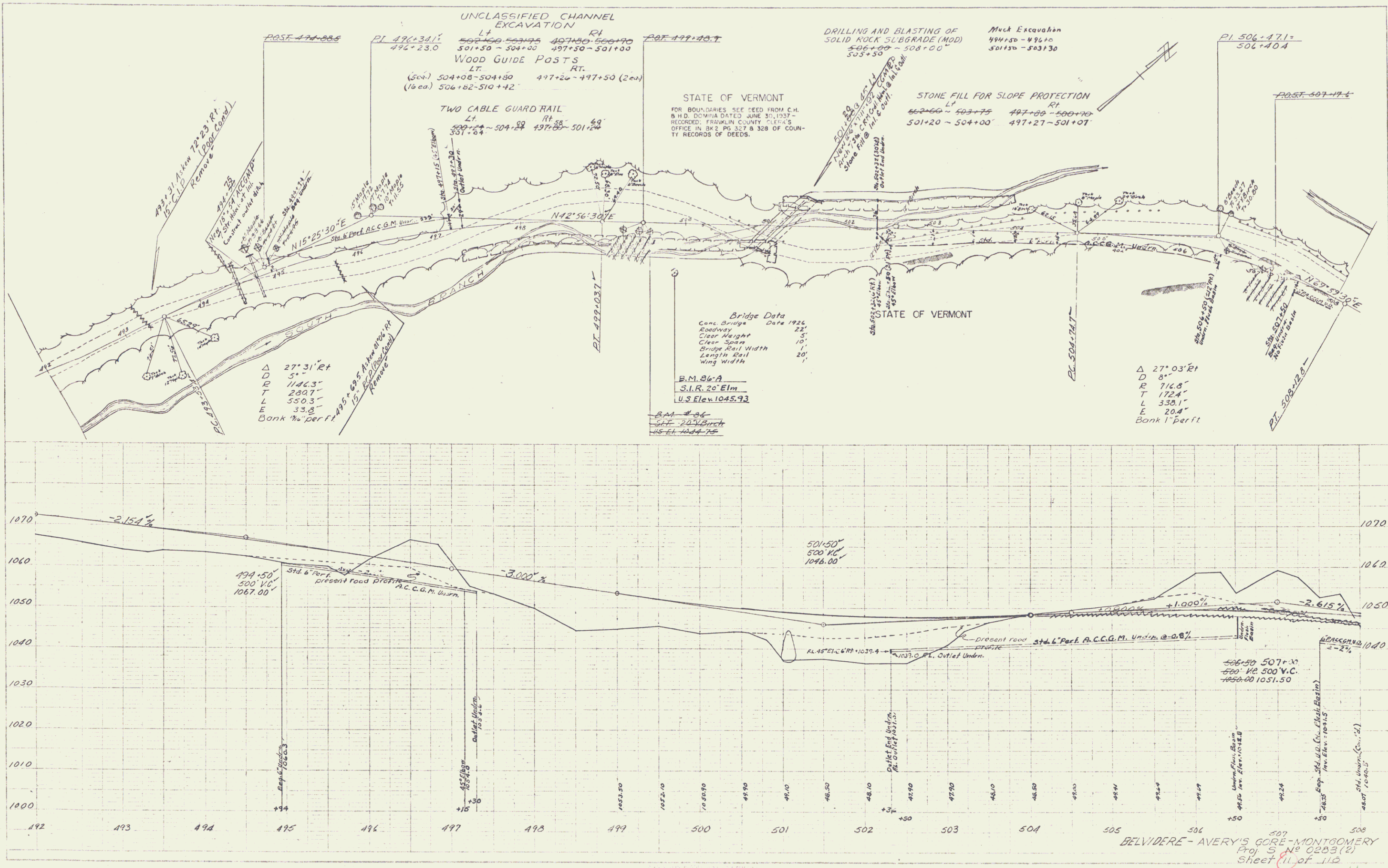
THESE PLANS ARE SUBJECT TO SUCH REVISIONS AS MAY BE REQUIRED BY THE BUREAU OF PUBLIC ROADS OR THE COMMISSIONER OF HIGHWAYS.
CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THE PLANS AND THE STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION OF JANUARY 1956 SUBMITTED TO THE BUREAU OF PUBLIC ROADS AS APPROVED JULY 2, 1956, INCLUDING ALL SUBSEQUENT APPROVED REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE SUBMITTED WITH THE PLANS.

DEPARTMENT OF COMMERCE BUREAU OF PUBLIC ROADS	
APPROVED	DATE
DIVISION	ENGINEER
PROJECT S-0283(2)	NO. 0283(2)
SHEET 1	OF SHEETS 118

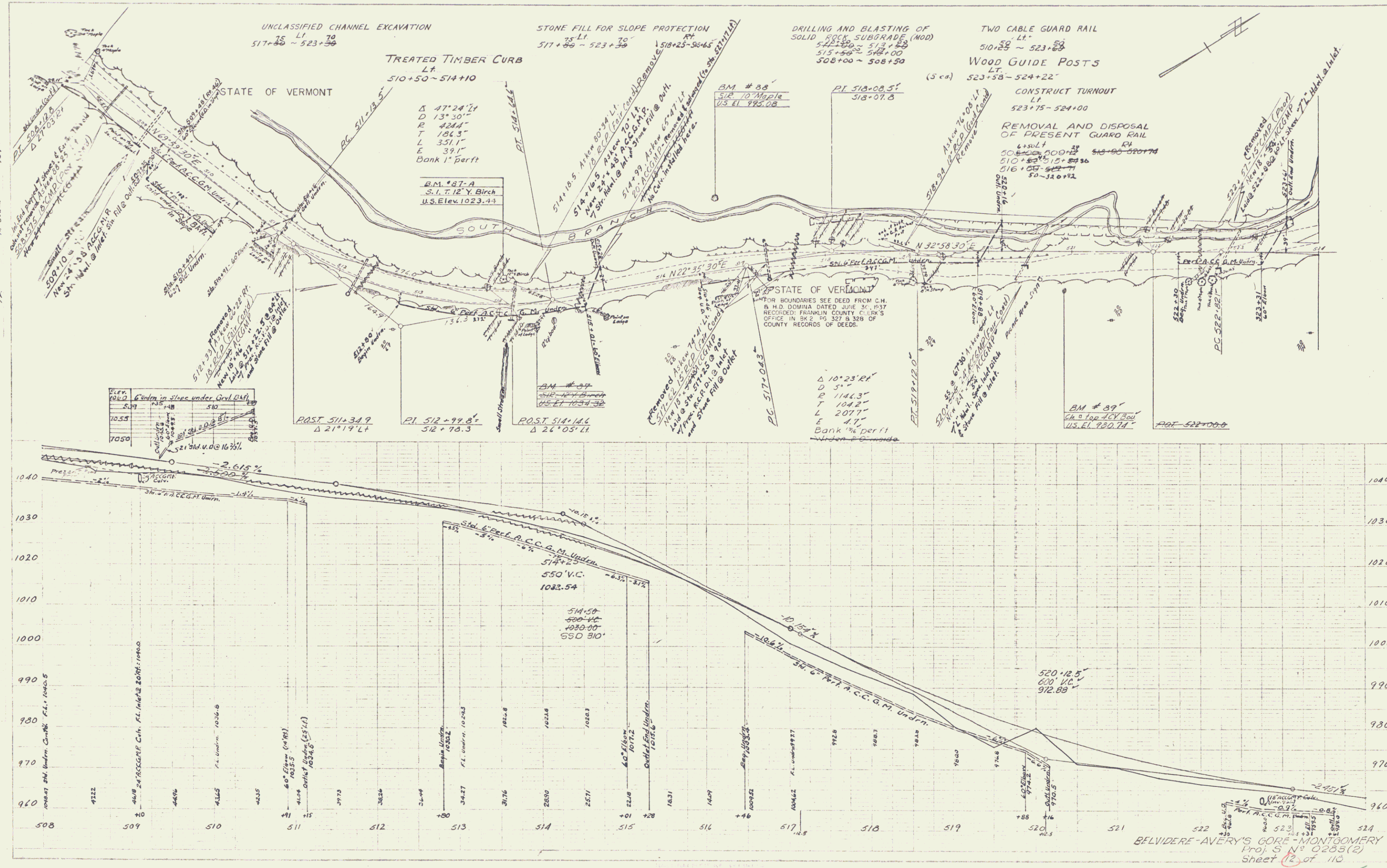
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 1/4" = 100'
 1/8" = 100'
 1/16" = 100'
 1/32" = 100'
 1/64" = 100'
 1/128" = 100'
 1/256" = 100'
 1/512" = 100'
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W. H. HARRIS, MONTGOMERY
1/1/59
2/1/59

W. H. HARRIS, MONTGOMERY
1/1/59
2/1/59

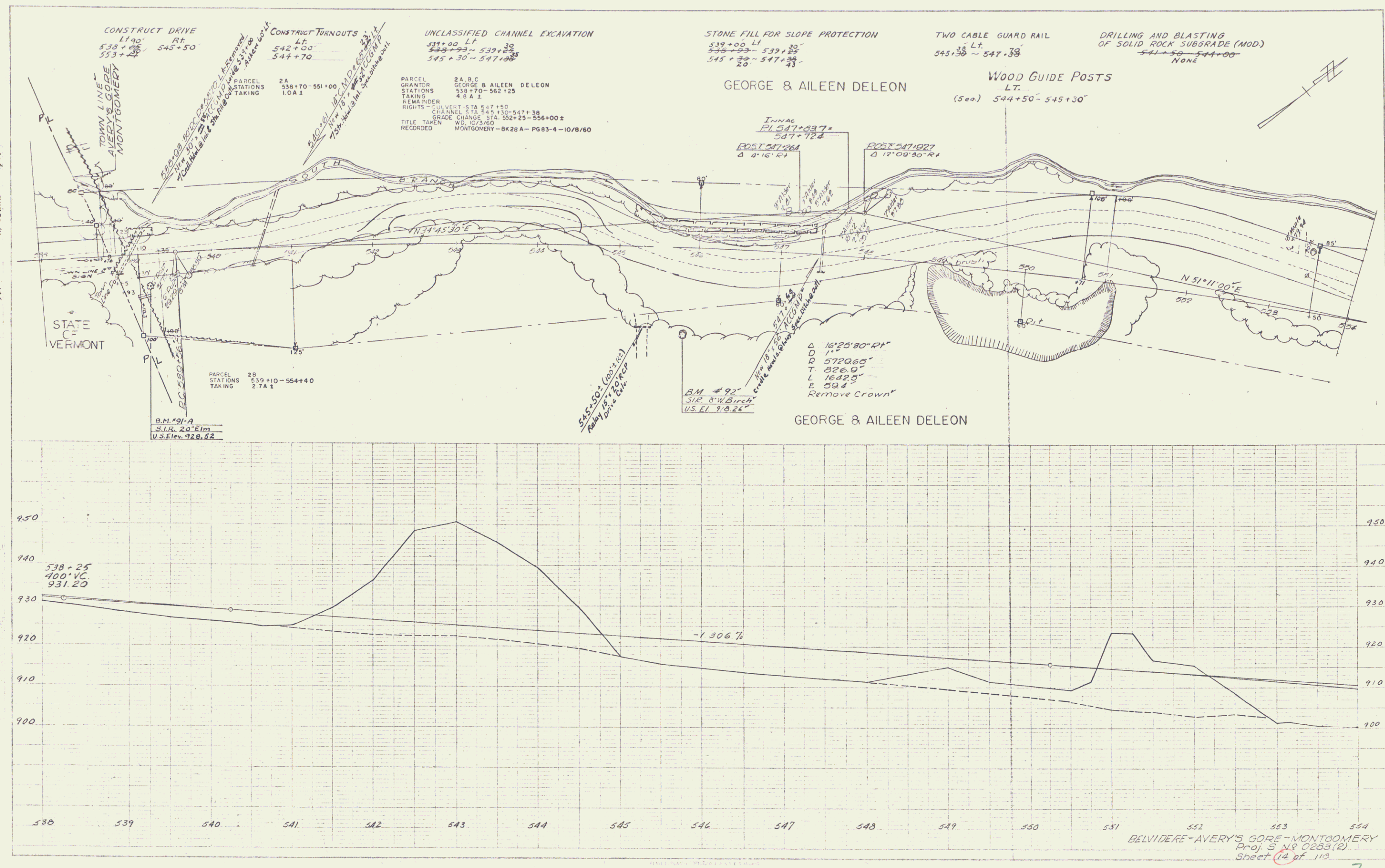


BELVIDERE - AVERY'S GORE - MONTGOMERY
Proj. 5 N° 0283 (2)
Sheet 11 of 112
4



WATER-MAN 8/59
M.B. BARNES
4/59

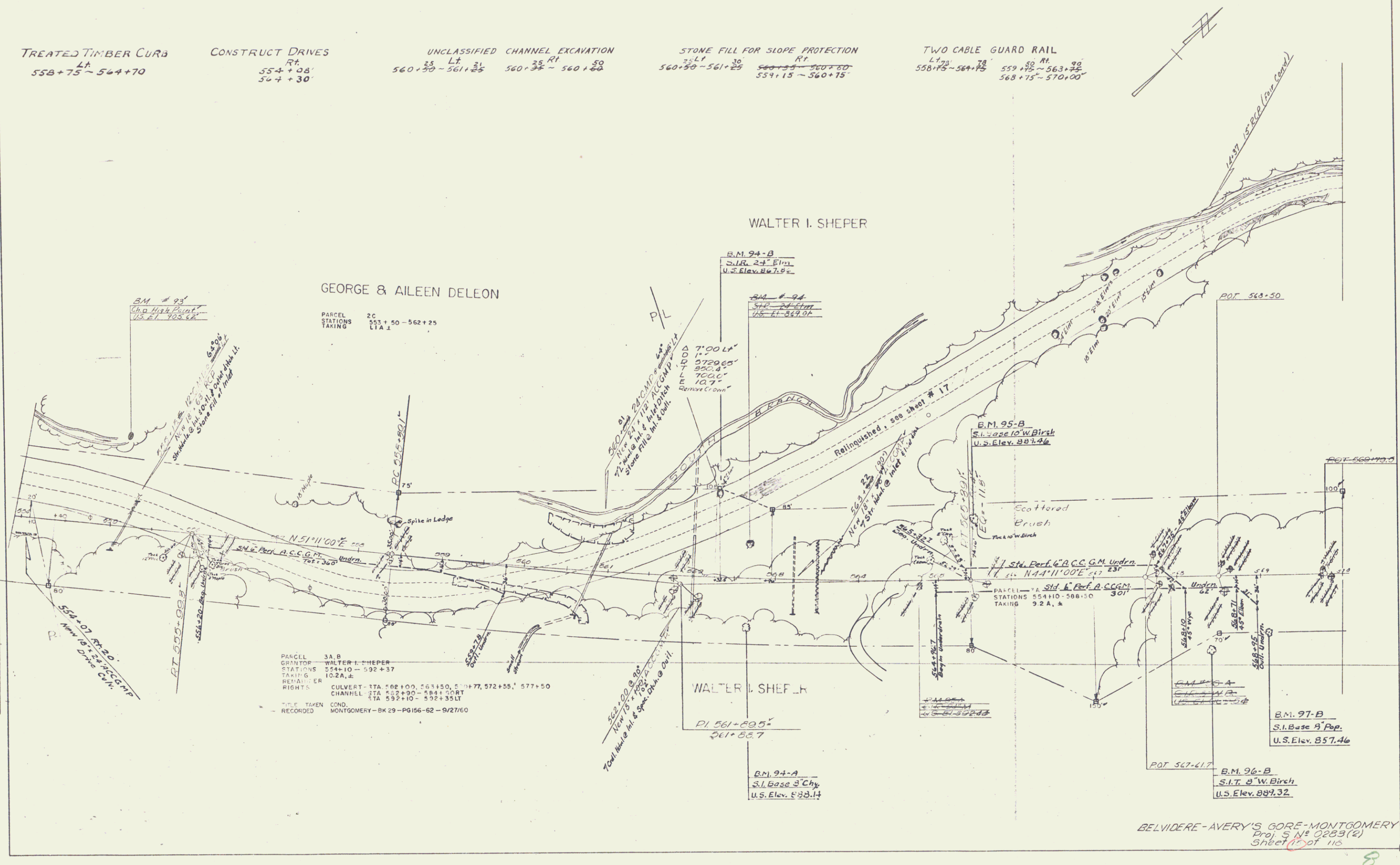
WATER-MAN 8/59
M.B. BARNES



Western-Mont 2/59
McGowan 4/59

Western-Mont 2/59
McGowan 4/59

TWO CABLE GUARD RAIL



CONSTRUCT DRIVE
 573+00
 574+00

UNCLASSIFIED CHANNEL EXCAVATION
 Lt. 572+55 ~ 573+00
 Rt. 572+15 ~ 572+45

STONE FILL FOR SLOPE PROTECTION
 Lt. 572+55 ~ 573+00
 Rt. 572+30 ~ 572+55

TWO CABLE GUARD RAIL
 Lt. 570+32 ~ 573+28
 Rt. 570+00 ~ 573+23

DRILLING & BLASTING OF SOLID ROCK SUBGRADE (MOD.)
 579+00 ~ 580+00

MUCK EXCAVATION
 576+25 ~ 579+25

Bridge Data
 Conc. Bridge Good Cond.
 Roadway 20'
 Span 39'
 Height 11'
 Overall Width 23'

Control of section of highway beginning at a point in the center line of former State Highway, Vt. Rte. #118, 0.46 mile northerly of the line between the Town of Montgomery and Avery's Gore and 90 feet left or northwesterly from approximate survey sta. 562+55 of Highway Project S 0283(2); thence 0.46 mile northerly and northeasterly along the center line of said former highway to a point 50 feet left or northwesterly from approximate survey sta. 584+85 of said Highway Project, is hereby relinquished and returned to the Town of Montgomery, and recorded in Book 29, Page 187 of Land Records of the Town of Montgomery, September 28, 1961.

WALTER I. SHEPER

WALTER I. SHEPER

B.M. # 95
 S.I.R. 13" Elm
 U.S. Elev. 826.60

B.M. 98-B
 S.I.R. 20" Elm
 U.S. Elev. 826.73

B.M. # 98A
 S.I.R. 10" Birch
 U.S. Elev. 829.57

B.M. 97-A
 S.I.R. 12" Elm
 U.S. Elev. 833.96

BELVIDERE-AVERY'S GORE-MONTGOMERY
 Proj. S N 0283(2)
 Sheet 17 of 113

