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STANDARD STRUCTURE SHEETS APPROVED BY THE CHIEF ENGINEER VERMONT STATE DEPT. OF HIGHWAYS

| | |
|-------|----------------|
| S 28 | APRIL 26, 1941 |
| S 30 | NOV. 10, 1947 |
| S 30A | APRIL 19, 1941 |
| S 40 | DEC. 18, 1945 |

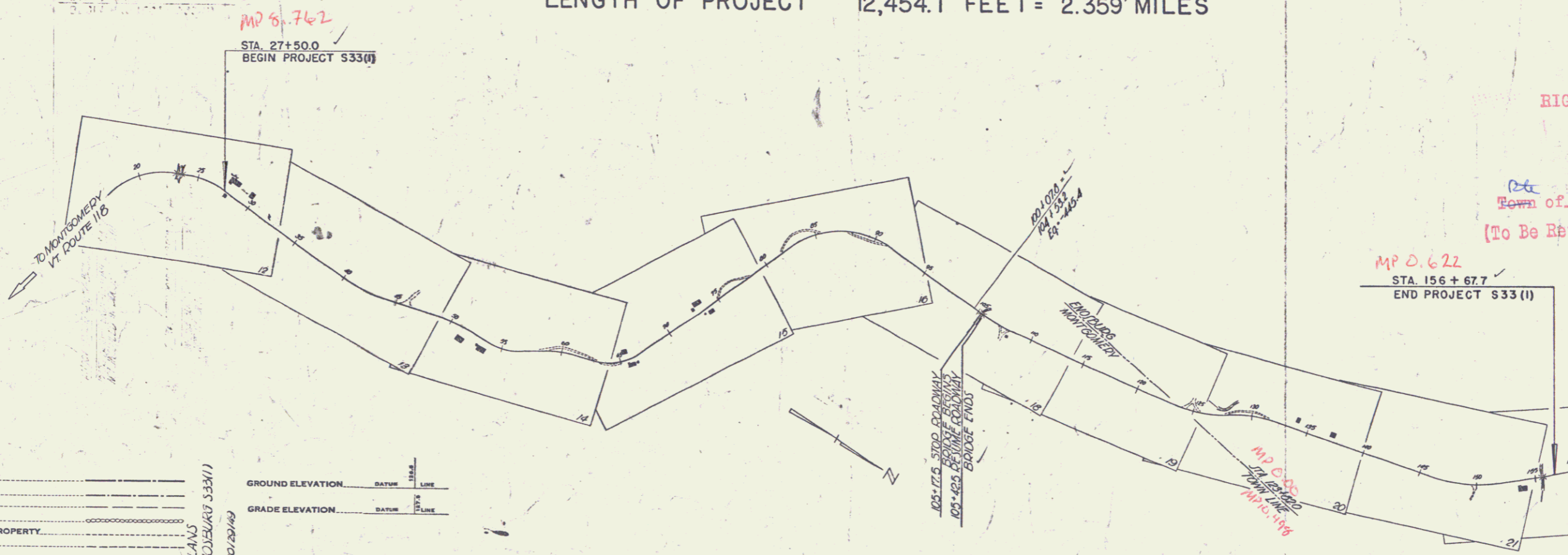
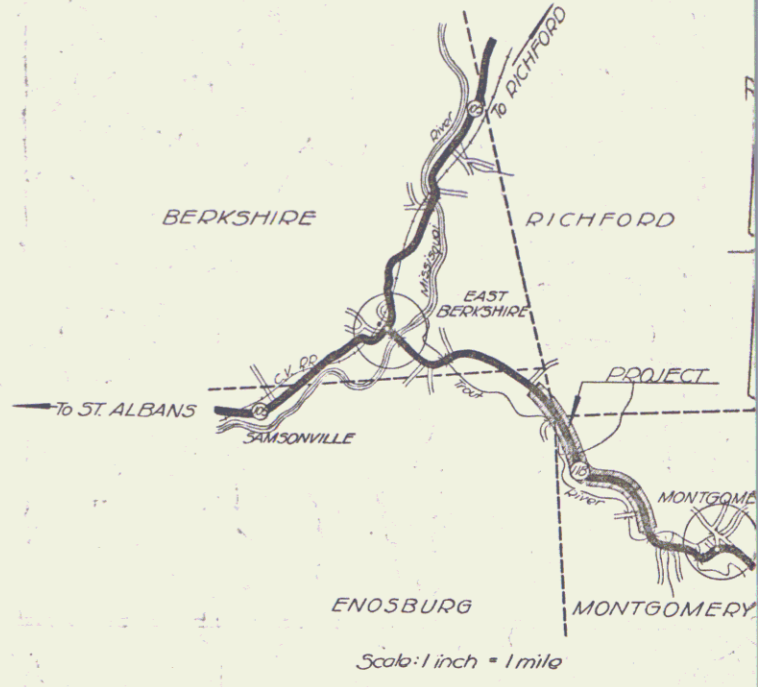
STATE OF VERMONT
STATE HIGHWAY DEPARTMENT

PLAN AND PROFILE OF PROPOSED
STATE HIGHWAY

TOWNS OF MONTGOMERY-ENOSBURG

LOWELL - E. BERKSHIRE ROAD - VERMONT ROUTE 118
BEGINNING AT A POINT 9,168.4 FEET SOUTHERLY FROM THE MONTGOMERY-ENOSBURG TOWN LINE, AND EXTENDING NORTHWESTERLY 12,454.1 FT.
LENGTH OF ROADWAY 12,429.1 FEET = 2.354 MILES
LENGTH OF BRIDGE 25.0 FEET = 0.005 MILES
LENGTH OF PROJECT 12,454.1 FEET = 2.359 MILES

| FED. ROAD DIST. NO. | STATE | PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|-----------|-------------|-----------|--------------|
| 9 | VT. | 33(1) | 1948 | 1 | 56 |



| SYMBOL | DESCRIPTION |
|--------|-------------------|
| --- | COUNTY LINE |
| --- | TOWN LINE |
| --- | FENCE LINE |
| --- | STONE WALL |
| --- | UNFENCED PROPERTY |
| --- | GUARD RAIL |
| --- | TRAVELED WAY |
| --- | RAILROAD |
| --- | RETAINING WALL |
| --- | CENTER LINE |
| --- | SURVEY LINE |
| --- | CULVERT |
| --- | DROP INLET |
| --- | TROLLEY POLE |
| --- | POWER POLE |
| --- | TELEPHONE POLE |
| --- | TREES |
| --- | HEDGE |

CURVE DATA

| | |
|-----------------------|----------|
| DEFLECTION ANGLE | Δ |
| DEGREE OF CURVE | D |
| RADIUS OF CURVE | R |
| TANGENT DISTANCE | T |
| LENGTH OF CURVE | L |
| EXTERNAL DISTANCE | E |
| POINT OF INTERSECTION | P.I. |
| POINT OF CURVE | P.C. |
| POINT OF TANGENT | P.T. |
| POINT ON TANGENT | P. O. T. |

SCALES

| | |
|--------------------|-----------|
| TITLE | 1" = 100' |
| TYPICAL | 1" = 20' |
| PLAN | 1" = 50' |
| PROFILE HORIZONTAL | 1" = 20' |
| PROFILE VERTICAL | 1" = 10' |
| CROSS SECTIONS | 1" = 5' |

RECORD PLANS
MONTGOMERY-ENOSBURG 533(1)
Prepared By: N.L.S. Jr. 12/25/49
Contractors: Blay & Co.
Resident Eng: H.D. Jones
Inspector: A.C. Jones

RIGHT-OF-WAY DIVISION
TOWN FILE
PERPETUAL
Town of VT 118
(To Be Returned To R.O.W. Division)

MP 0.622
STA 156 + 67.7
END PROJECT 533 (1)

APPROVED: 29 June 48
H.E. August
COMMISSIONER OF HIGHWAYS

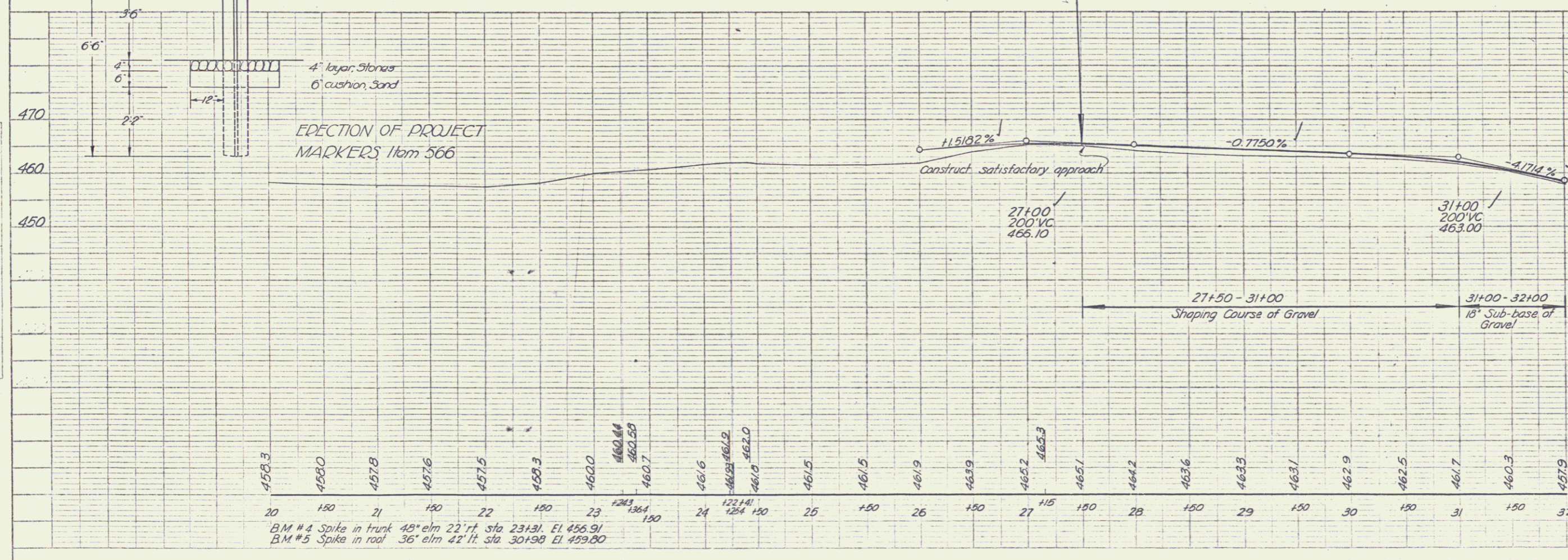
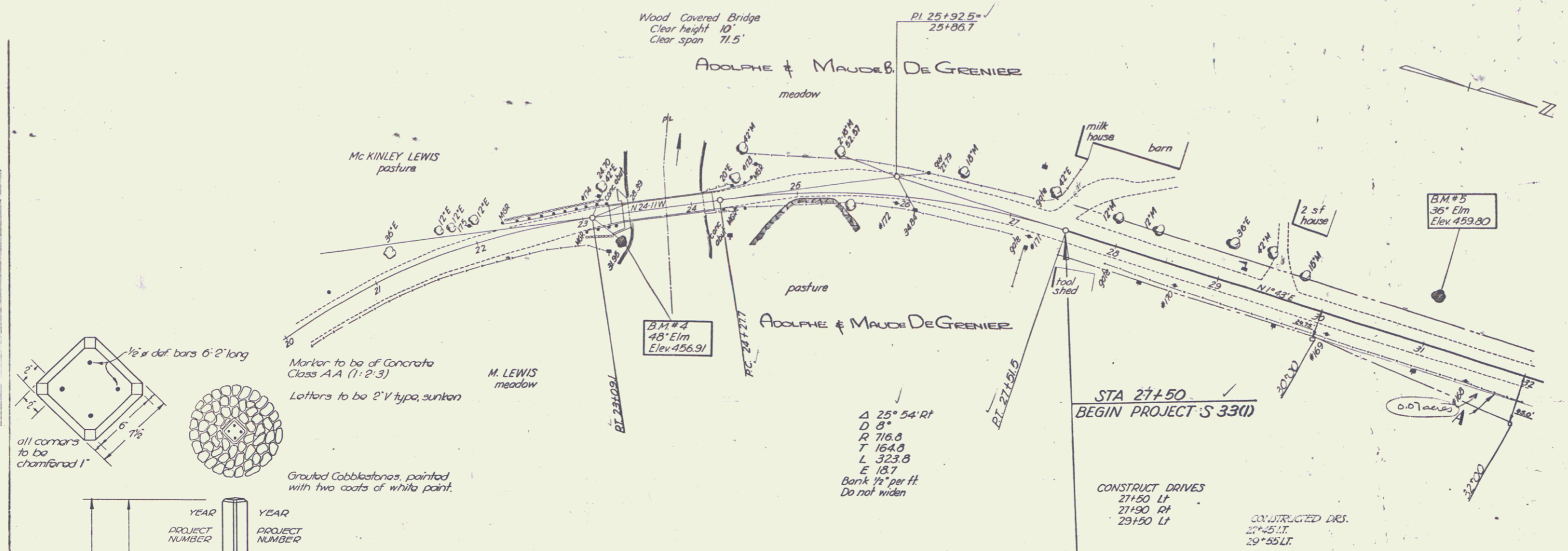
Pin # 00R516
Date 6/29/1948

THESE PLANS ARE SUBJECT TO SUCH REVISIONS AS MAY BE REQUIRED BY THE PUBLIC ROADS ADMINISTRATION OR THE COMMISSIONER OF HIGHWAYS.
CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THE PLANS AND THE STANDARD ROAD AND BRIDGE SPECIFICATIONS OF 1936, AS APPROVED DECEMBER 29, 1936 BY THE PUBLIC ROADS ADMINISTRATION, INCLUDING ALL SUBSEQUENT APPROVED REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE SUBMITTED WITH THE PLANS.

| | | |
|---|--|---|
| APPROVED: 29 June 48 H.E. August HIGHWAY ENGINEER | APPROVED: 29 June 48 H.E. August DISTRICT HIGHWAY COMMISSIONER | SERIES 5 No. 33(1) FILED SHEET 1 OF 56 |
|---|--|---|

PLAN
 12-47
 7-48
 Dr. Clark

PROFILE
 12-47
 7-48
 Dr. Clark



BM #4 Spike in trunk 48' elm 22' ft. sta 23+31. El 456.91
 BM #5 Spike in roof 36' elm 42' ft. sta 30+98 El 459.80

PARCEL INSTRUMENT DATE GRANTOR GRANTEE RECORDED MONTGOMERY REMARKS
 #1 AB+C W.D.O.E. 3-22-49 ADOLPH & MAUDE DEGRENIER ST. OF VT. 27 91 3-29-49 (SEE 34 12 FOR PART OF 'A')

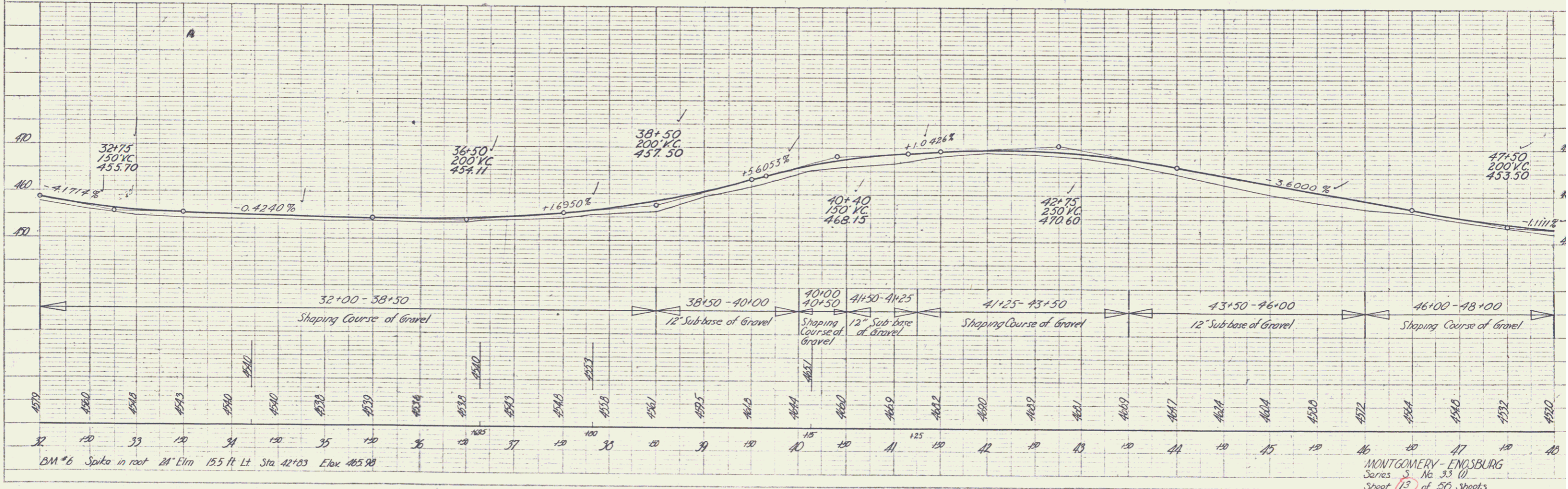
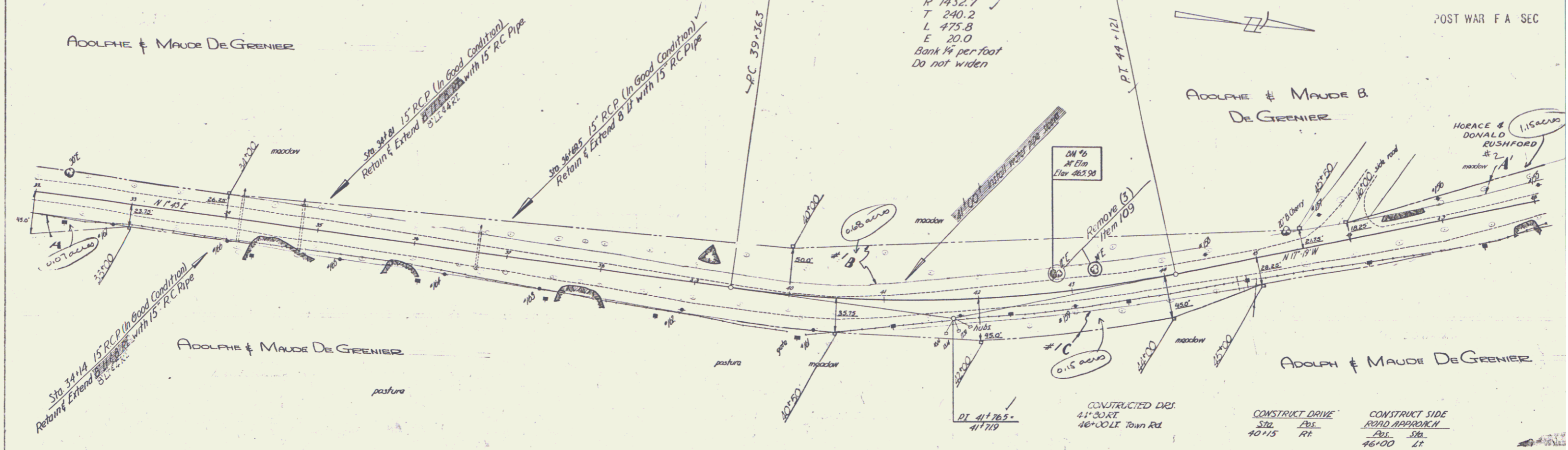
Δ 19°02' L
 D 4°
 R 1452.7 ✓
 T 240.2 ✓
 L 475.8 ✓
 E 20.0 ✓
 Bank 1/4 per foot
 Do not widen

LOCAL ROAD STATE DIST. NO. 15 FISCAL YEAR 1949 SHEET NO. 13

POST WAR F A SEC

PLAN
 SCALE 1" = 40'
 DATE 3-29-49
 DRAWN BY [Signature]

PROFILE
 SCALE 1" = 10'
 DATE 3-29-49
 DRAWN BY [Signature]

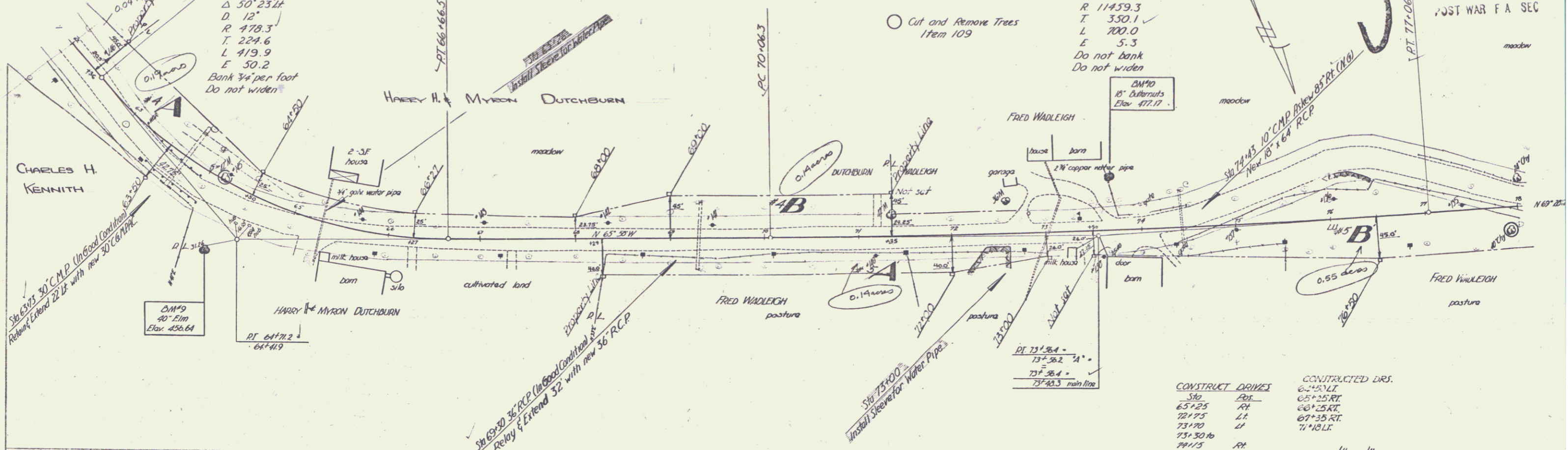


MONTGOMERY - ENGBURG
 Series 5, No. 33 (1)
 Sheet 13 of 50 Sheets

CHARLES H. KENNETH
 HARRY H. MYRON DUTCHBURN
 FRED WADLEIGH
 GRANTOR DATE GRANTEE
 W.D.O.E. 3-22-49 FRED WADLEIGH ST OF VT.
 W.D.O.E. 3-22-49 HARRY & MYRON DUTCHBURN
 RECORDED MONTGOMERY REMARKS
 BOOK PAGE DATE
 27 29 3-20-49 SEE SH. 16 FOR 5 CD
 27 32 3-20-49

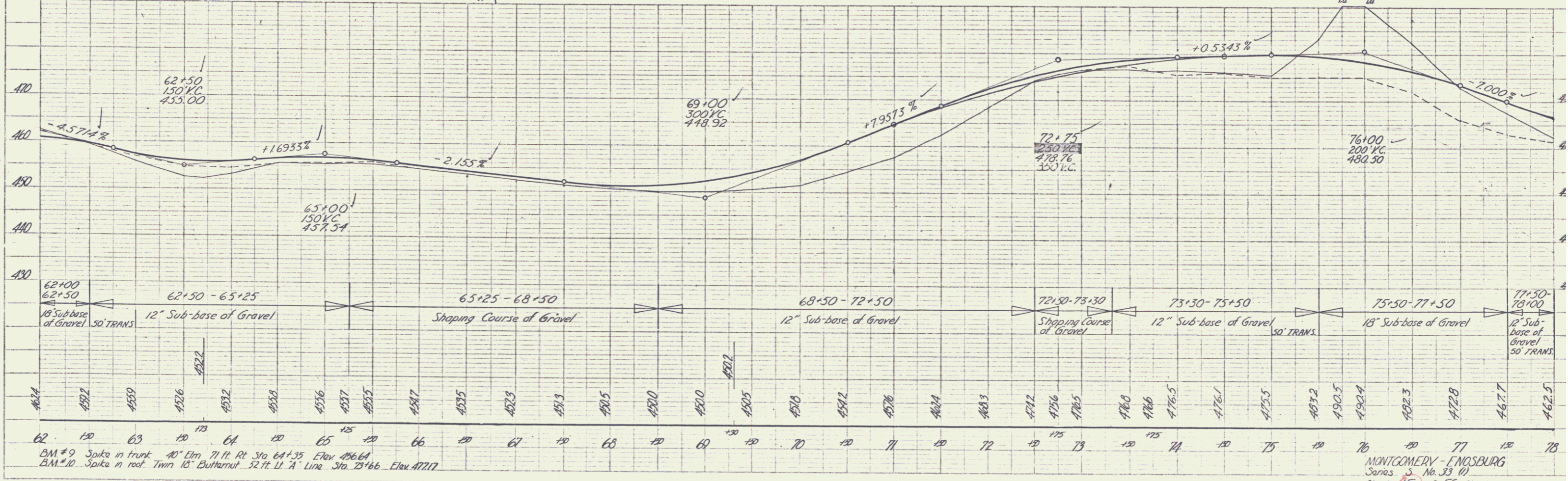
Δ 3'30" Lt
 D 0'30" R
 R 11459.3
 T 350.0
 L 200.0
 E 5.3
 Do not bank
 Do not widen

RD DIST. STATE 3300 FISCAL SHEET NO. 15
 YEAR 1950
 POST WAR F A SEC



PLAN
 DATE 7-18-50
 DRAWN BY Houghton
 CHECKED BY Houghton
 TITLE ROAD IMPROVEMENT
 PROJECT NO. 3300
 SHEET NO. 15

PROFILE
 DATE 7-18-50
 DRAWN BY Houghton
 CHECKED BY Houghton
 TITLE ROAD IMPROVEMENT
 PROJECT NO. 3300
 SHEET NO. 15



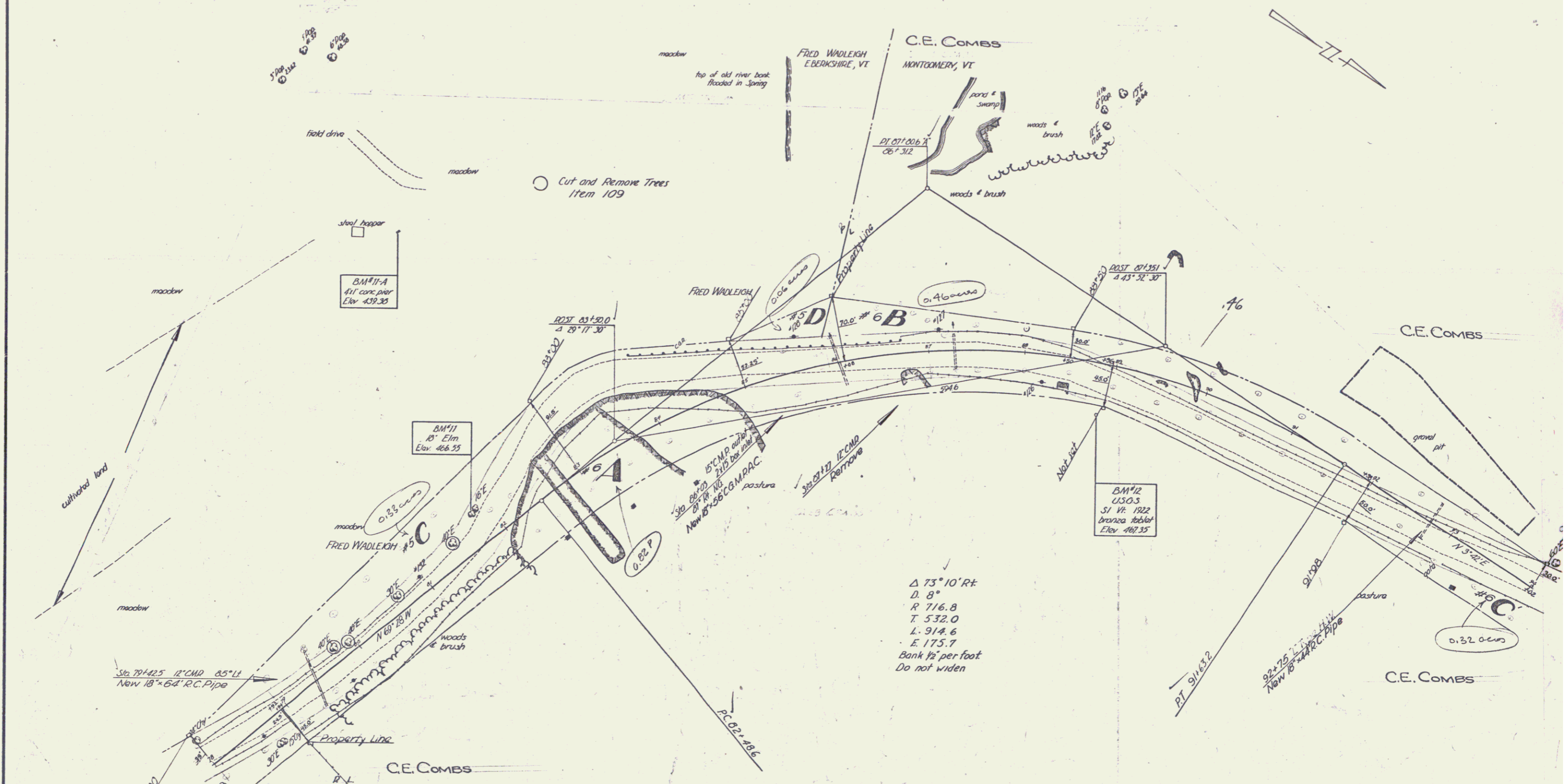
| CONSTRUCT DRAIVES | CONSTRUCTED DRS. |
|-------------------|------------------|
| 58+00 | 6-24" LI |
| 65+25 | 6-24" RT |
| 72+75 | 6-24" RT |
| 73+70 | 6-24" RT |
| 73+30 | 6-24" RT |
| 74+75 | 6-24" RT |
| 75+50 | 6-24" RT |
| 76+00 | 6-24" RT |
| 77+50 | 6-24" RT |

62+00 Spike in front 40" Elm 71 ft Rt Sta 64+35 Elev 456.64
 62+10 Spike in roof Twin 18" Butternut 52 ft Lt A Line Sta 73+66 Elev 477.17

MONTGOMERY-ENOSBURG
 Series S No. 33 (1)
 Sheet 15 of 50 Sheets

| PARCEL | INSTRUMENT | DATE | GRANTOR | GRANTEE | RECORDED MONTGOMERY | REMARKS | |
|--------|------------|----------|---------|---------------|---------------------|-------------------|---------------------|
| # | | | | | BOOK PAGE DATE | | |
| #5 | A,B,C,D | W.D.O.E. | 3-22-49 | FRED WADLEIGH | ST. OF VT | 27 89 3-29-49 | SEE SH 15 FOR #5A+B |
| #6 | A,B,C,D,E | W.D.O.E. | 4-8-49 | C.E. COMBS | " " | 27 96 197 4-15-49 | " " 17-18-49 #6E |

FEDERAL DIST. NO. STATE 5 PROJ. NO. 3307 SHEET NO. 16
 VI. 3307 16.0
 POST WAR F A SEC



Δ 73° 10' Rt
 D. 8'
 R 716.8
 T. 532.0
 L. 914.6
 E. 175.7
 Bank 1/2' per foot
 Do not widen

ESTIMATED QUANTITIES

| | |
|--|--|
| | |
| | |

MONTGOMERY - ENGELBORG

| | | |
|-------------|----------|-----------------------|
| Surveyed by | Foster | 12-47 |
| Designed by | | |
| Drawn by | Pegor | 1-48 |
| Traced by | Houghton | 2-48 |
| Checked by | | |
| Series | 5 | No. 33 (1) Filed |
| | | Sheet 16 of 56 Sheets |

PARCEL INSTRUMENT DATE GRANTOR GRANTEE
 #6E W.D.O.E. 4-8-49 C.E. COMBS ST OF VT

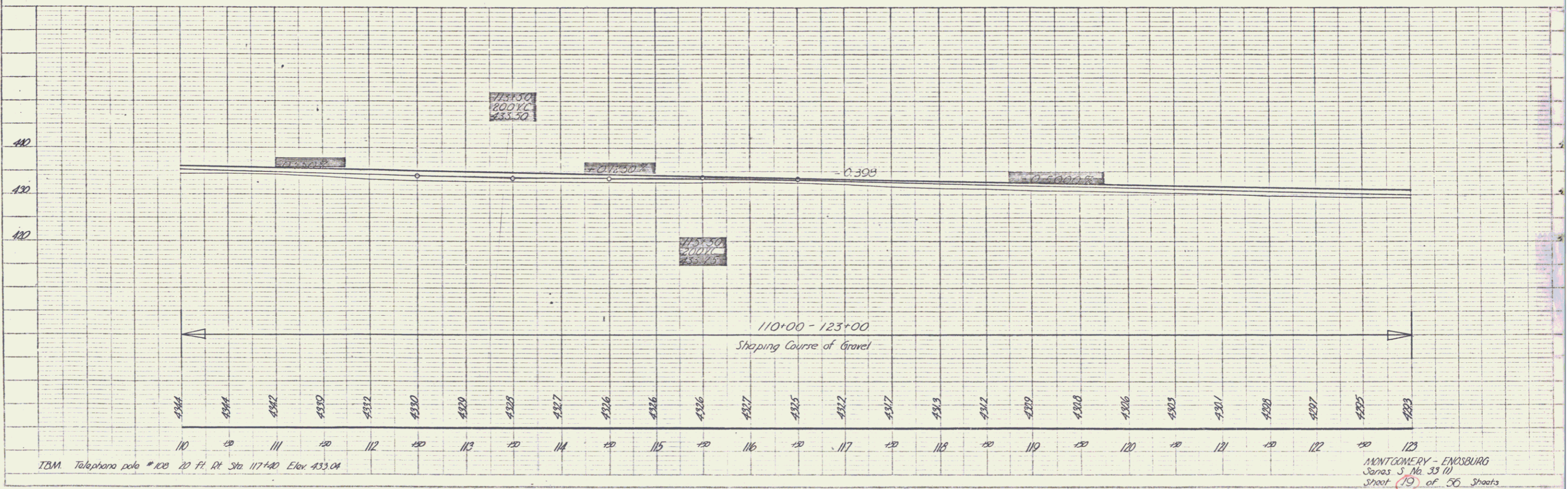
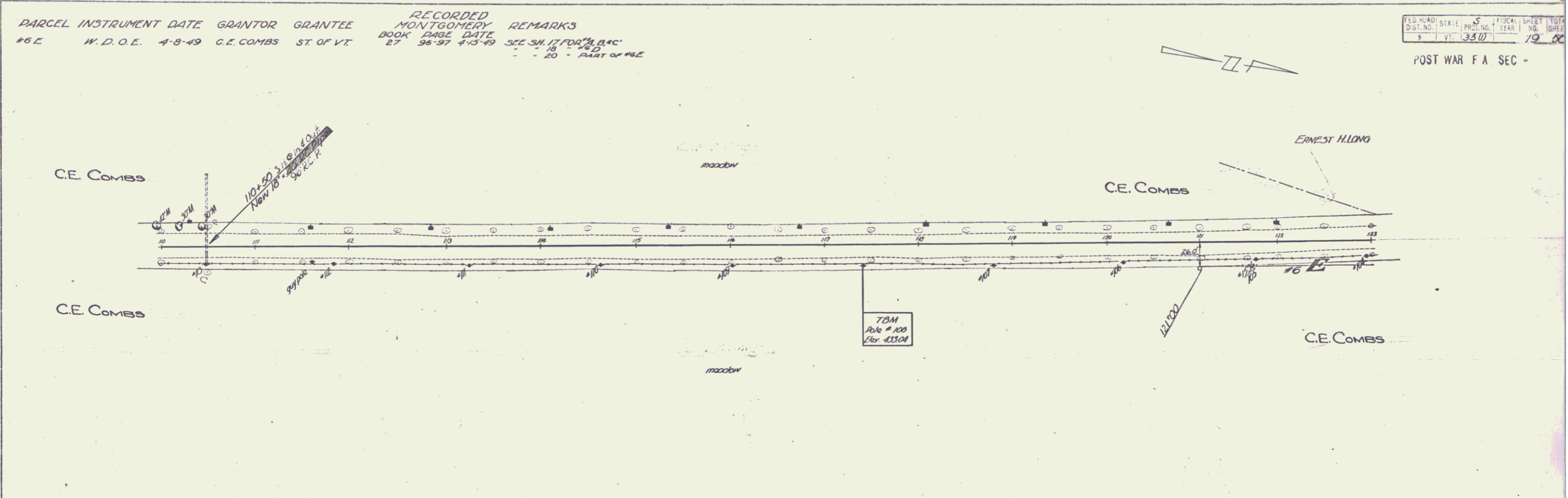
RECORDED
 MONTGOMERY
 BOOK PAGE DATE
 27 96-97 4-15-49 SEE SH. 17 FOR "B.C."
 " 20 " PART OF #6E

FED. ROAD STATE DIST. NO. 5 PR. NO. 3310 YEAR 1930 SHEET NO. 19 OF 56

POST WAR F A SEC -

PLAN
 DATE 2-46
 DRAWN BY [Signature]
 CHECKED BY [Signature]
 IN CHARGE [Signature]

PROFILE
 DATE 3-46
 DRAWN BY [Signature]
 CHECKED BY [Signature]
 IN CHARGE [Signature]



MONTGOMERY - ENOSBURG
 Series S No. 3310
 Sheet 19 of 56 Sheets

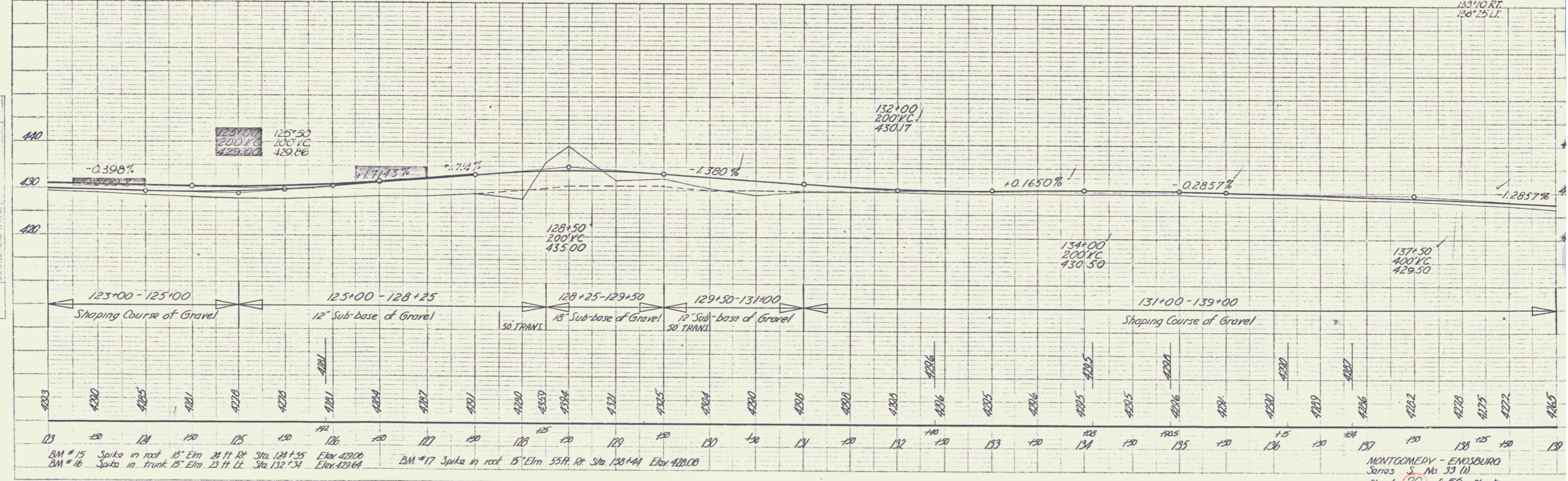
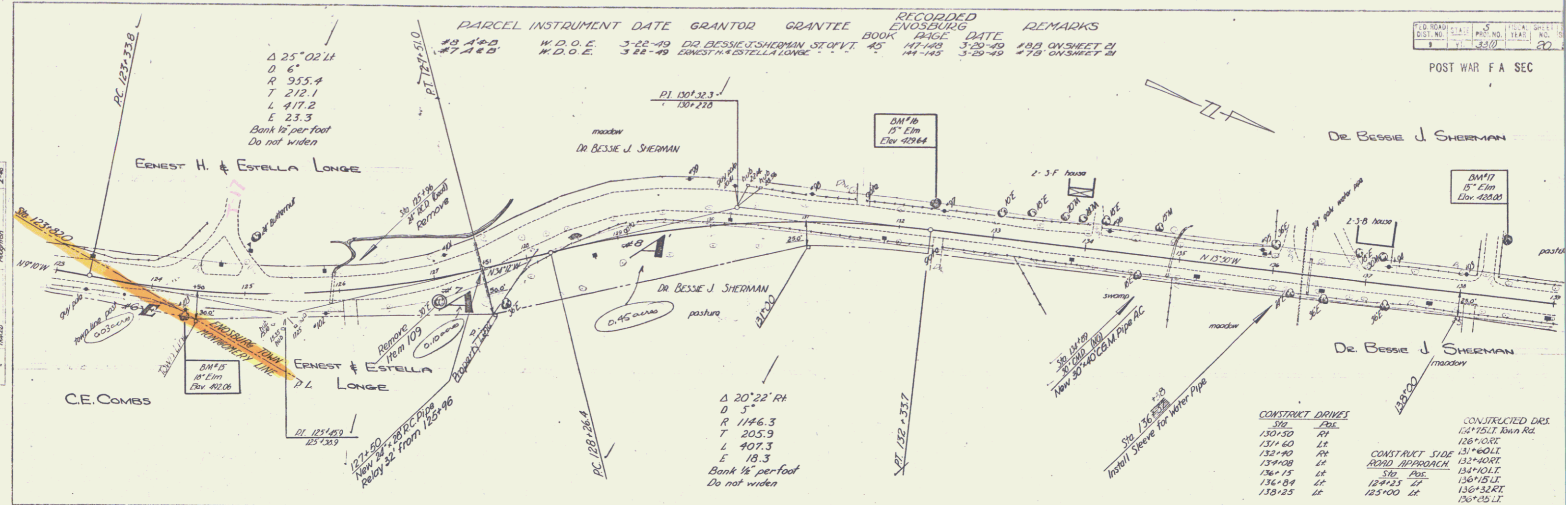
8

PARCEL INSTRUMENT DATE GRANTOR GRANTEE RECORDED ENOSBURG REMARKS
 #9 1st B W.D.O.E. 3-22-49 DR BESSIE J SHERMAN ST QVT 45 147-148 3-20-49 #9B ON SHEET 21
 #7 1st B W.D.O.E. 3-22-49 ERNEST H & ESTELLA LONGE 44-145 3-29-49 #7B ON SHEET 21

DIST. NO. 5
 PROJ. NO. 3310
 YEAR 1949
 SHEET NO. 20
 POST WAR F A SEC

PLAN
 DATE 3-46
 DRAWN BY Houghton
 CHECKED BY Houghton
 TITLE ROAD IMPROVEMENTS
 NO. 3310

PROFILE
 DATE 3-46
 DRAWN BY Houghton
 CHECKED BY Houghton
 TITLE ROAD IMPROVEMENTS
 NO. 3310



| CONSTRUCT DRIVES | CONSTRUCTED DRIS |
|------------------|--------------------|
| 130+50 RT | 134+75 LT John Rd. |
| 131+60 Lt | 126+00 RT |
| 132+90 RT | 131+00 LT |
| 134+08 Lt | 132+40 RT |
| 136+15 Lt | 134+10 LT |
| 136+84 Lt | 136+15 LT |
| 138+25 Lt | 127+25 Lt |
| | 136+32 RT |
| | 138+25 Lt |
| | 133+10 RT |
| | 138+25 Lt |

BM #15 Spike in root 15" Elm 21 ft Rt Sta. 124+35 Elev. 420.06
 BM #16 Spike in trunk 15" Elm 23 ft Lt Sta. 132+34 Elev. 429.64
 BM #17 Spike in root 15" Elm 55 ft Rt Sta. 138+44 Elev. 428.08

MONTGOMERY - ENOSBURG
 Series 3, No. 33 (1)
 Sheet 20 of 50 Sheets

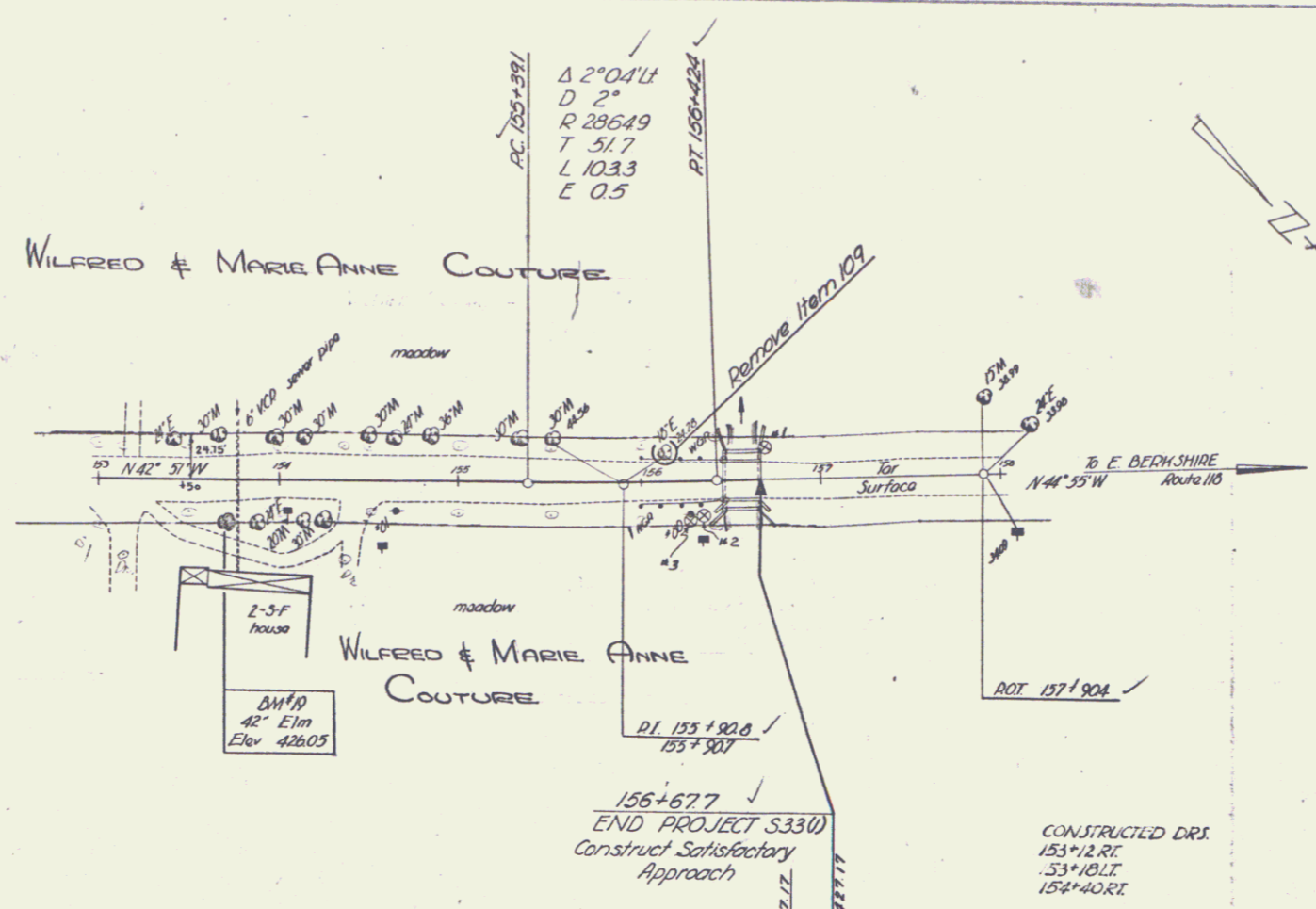
POST WAR F A SEC

PLAN
 7-48
 3-48
 Houghton

PROFILE
 7-48
 3-48
 Houghton

BRIDGE WIDENED 20'-8" TO 30'-0"

| BRIDGE DATA | PRESENT | PROPOSED |
|------------------------------------|--------------|--------------|
| TYPE | 16' ONE SPAN | 16' ONE SPAN |
| OVERALL SPAN ALONG R.O. | 22'-0" | 22'-0" |
| ROADWAY WIDTH FACE TO FACE CURB | 20'-8" | 30'-0" |
| CLEAR SPAN ALONG R.O. | 18'-0" | 18'-0" |
| " " NORMAL TO STREAM | 18'-0" | 18'-0" |
| CLEAR HEIGHT TO LOW BRIDGE SEAT | 5'-0" | 5'-0" |
| MAX. HIGH WATER ELEV. | 425.0 | 425.0 |
| NORMAL " " ELEV. | 423.00 | 423.00 |
| " " TO LOW BR SEAT | 76" | 76" |
| WATERWAY TO MAX. H.W. ELEV. | 75 | 75 |
| NORMAL TO R.O. TO NORM. H.W. ELEV. | 40 | 40 |
| STREAM VELOCITY | SLOW | SLOW |
| DEFT | NONE | NONE |
| SCOUR | NONE | NONE |

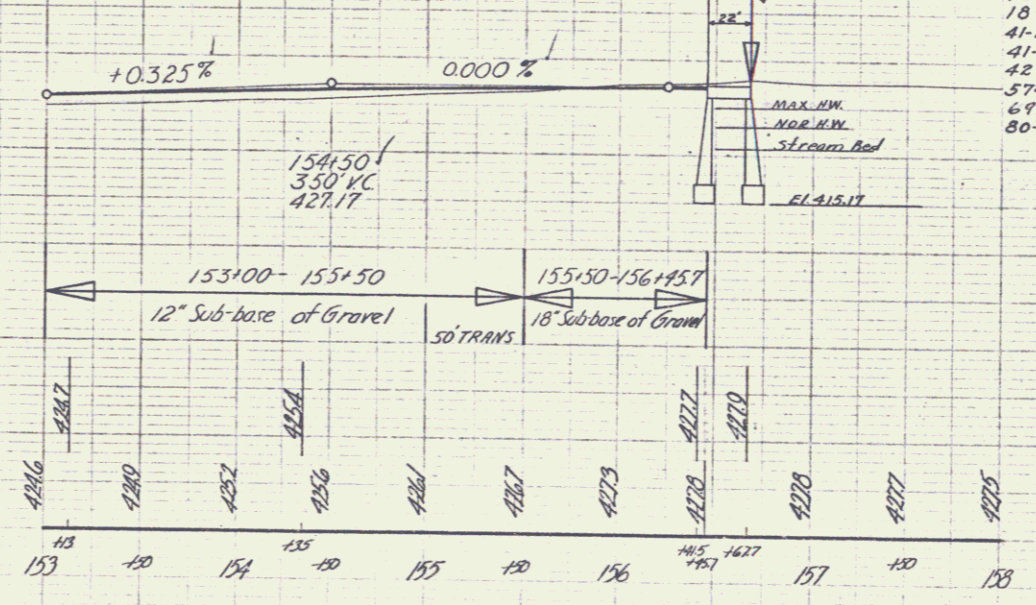
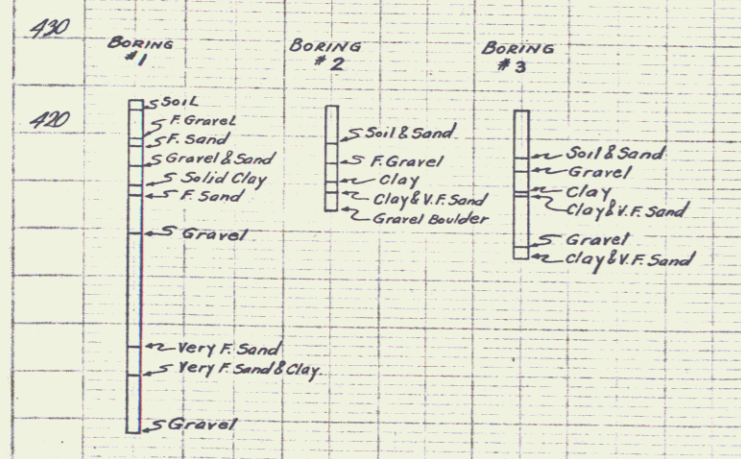


LIST OF SHEETS

- SLAB & ABUTMENT & WINGS DETAILS
- SB-5C1 CURB & RAIL & DRAINS
- SB-2 STD SLAB BR. DETAIL
- SB-11 BARRICADES, LIGHTS & SIGNS

LIST OF QUANTITIES

| | | | |
|------|--------------------------------|------|---------|
| 15 | CHANNEL EXCAVATION | 20 | CY 237 |
| 16 | STRUCTURE EXCAVATION | 235 | CY 1314 |
| 17 | MAINTENANCE OF TRAFFIC | 1 | L.S. |
| 41-A | CONCRETE CLASS-A | 18 | CY 14 |
| 41-C | CONCRETE CLASS-C | 28 | CY 90.7 |
| 42 | REINFORCING STEEL | 2810 | LB 4230 |
| 574 | PREP SUPERSTRUCT. FOR WIDENING | 1 | L.S. |
| 69 | STONE FILL | 236 | CY 32 |
| 80-A | CABLE GUARD RAIL | 28 | LF 64 |



BM #19 Spike in roof 42' Elm 20 Ft. Rt. Sta 153+70 Elev 426.05