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STANDARD STRUCTURE SHEET APPROVED BY THE CHIEF ENGINEER, VERMONT STATE DEPARTMENT OF HIGHWAYS, 5-40 JUNE 10, 1950	

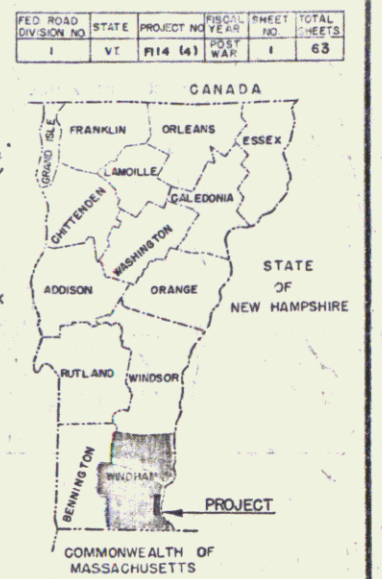
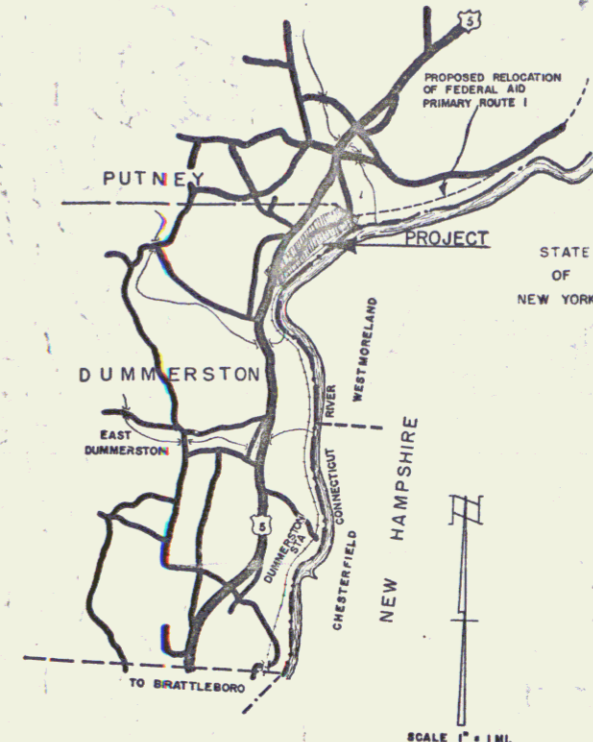
STATE OF VERMONT  
DEPARTMENT OF HIGHWAYS

PROPOSED IMPROVEMENT

FEDERAL PROJECT  
**TOWN OF DUMMERSTON**  
COUNTY OF WINDHAM  
**U.S. ROUTE 5**  
**BRATTLEBORO - PUTNEY ROAD**

BEGINNING AT A POINT 4970.1 FEET SOUTHERLY OF DUMMERSTON-PUTNEY TOWN LINE AND EXTENDING NORTHERLY 4970.1 FEET

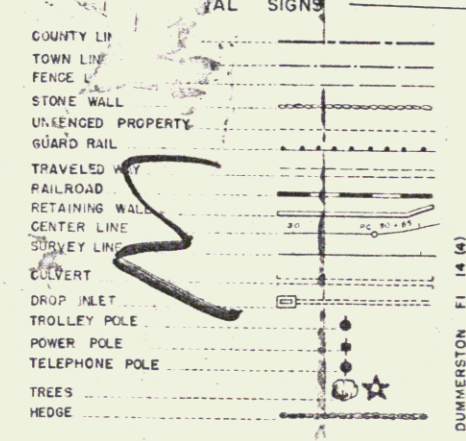
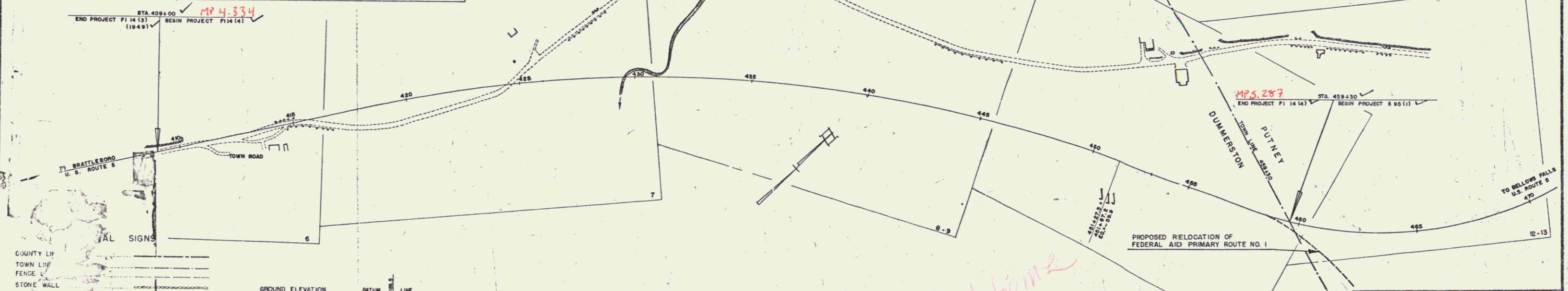
LENGTH OF PROJECT 7970.1 FT. = 0.941 MILES



PROJECT NAME & NUMBER	TYPE	PAVEMENT AREA
DUMMERSTON FI 14 (4)	BIT. CONC. PAVE.	13,254 sq.

RECORD PLANS MATERIALS

SUB-BASE OF GRAVEL MILLER PIT, PUTNEY	REINF. STEEL TRUSCON STEEL CO., BOSTON, MASS.
C.R. GRAVEL BRATTLEBORO SA. & GR. CO., BRATTLEBORO	R.C.P. VT. CONC. PIPE CORP., WINDSOR
REF. TAR AM. TAR CO., E. DEERFIELD, MASS.	A.C.C.G.M.P. BERGER METAL CULVERT CO., WESTMINSTER, ST.
CUTBACK ASPHALT LAKE ASPH., DEERFIELD, MASS.	G.R. CABLE AM. ST. & WIRE CO., NEW HAVEN, CONN.
PEASTONE SEAL BRATTLEBORO SA. & GR. CO.	G.R. PAINT WATERPROOF PAINT & VARNISH CO., WATERTOWN, MASS.
CEMENT GLENS FALLS PORT. CEM. CO., GLENS FALLS, N.Y.	BIT. PAVEMENT LAKE ASPH. PL., GREENFIELD, MASS.
PEN. ASPHALT SOC. VACUUM, E. PROV., B.I.	



GROUND ELEVATION DATUM TO LINE

GRADE ELEVATION DATUM TO LINE

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	P.I.
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" = 200'
TYPICAL	1" = 30'
PLAN	1" = 60'
PROFILE HORIZONTAL	1" = 10'
PROFILE VERTICAL	1" = 2'-10"
CROSS-SECTIONS	1" = 8'-10"

CONTRACTOR	KELLEHER CORP.	CONTRACT DATED	MAY 24 1954
RESIDENT ENGR	M VAN KLEEF	CONTRACT STARTED	MAY 24 1954
INSPECTORS		CONTRACT COMPLETED	SEPT. 27 1955
RECORD PLANS	<i>E. J. Ashell</i>	CONTRACT ACCEPTED	SEPT. 27 1955

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 ROAD AND BRIDGE SPECIFICATIONS OF 1948, AS APPROVED JULY 25, 1949 BY THE BUREAU OF PUBLIC ROADS, INCLUDING ALL SUBSEQUENT APPROVED REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE SUBMITTED WITH THE PLANS.

APPROVED CONSTRUCTION ENGINEER	APPROVED BRIDGE ENGINEER	APPROVED DISTRICT ENGINEER	APPROVED DISTRICT ENGINEER
DATE	DATE	DATE	DATE

DEPARTMENT OF COMMERCE  
BUREAU OF PUBLIC ROADS

APPROVED \_\_\_\_\_ DATE \_\_\_\_\_

DISTRICT ENGINEER

PROJECT FI 14 (4)

SHEET 1 OF 63 SHEETS

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

Removal & Resetting  
Cable Guard Rail  
408+75 - 410+19 Rt

REMOVAL & DISPOSAL OF  
PRESENT GUARD RAIL  
414+20 - 415+00 Lt  
~~414+20 - 415+00 Lt~~  
414+20 - 414+70 Lt

THREE CABLE GUARD RAIL W/ STEEL POSTS  
410+19 - 411+70  
410+52 - 412+20  
413+80 - 414+72

CONSTRUCT DRIVES  
413+50 Rt L  
414+43 Rt L

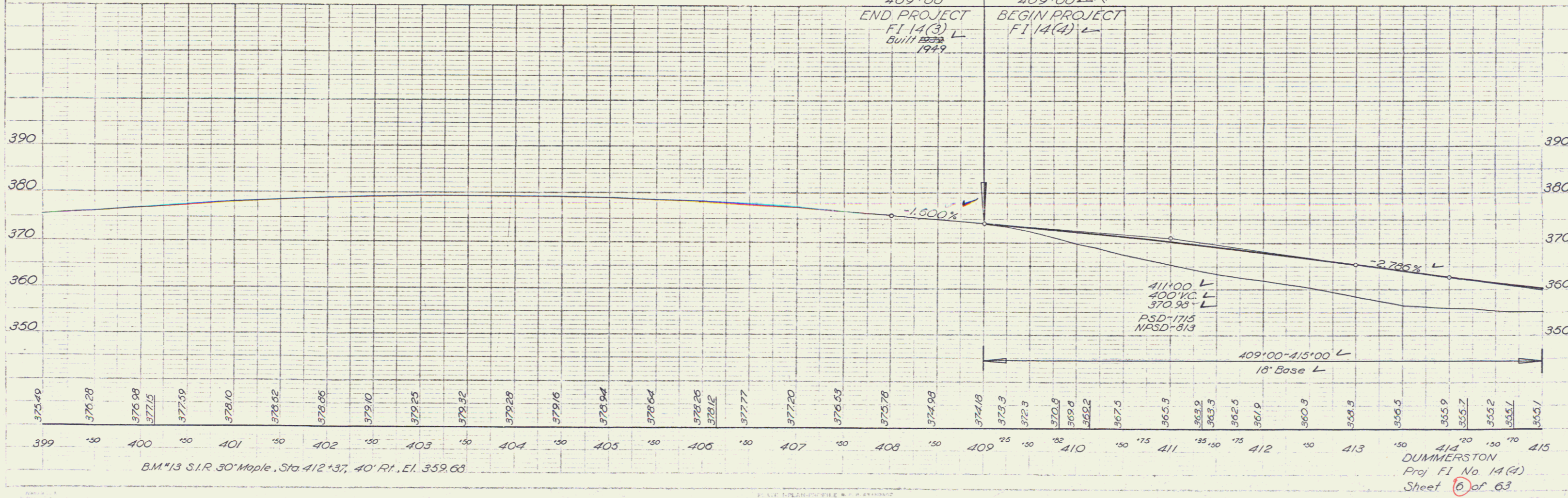
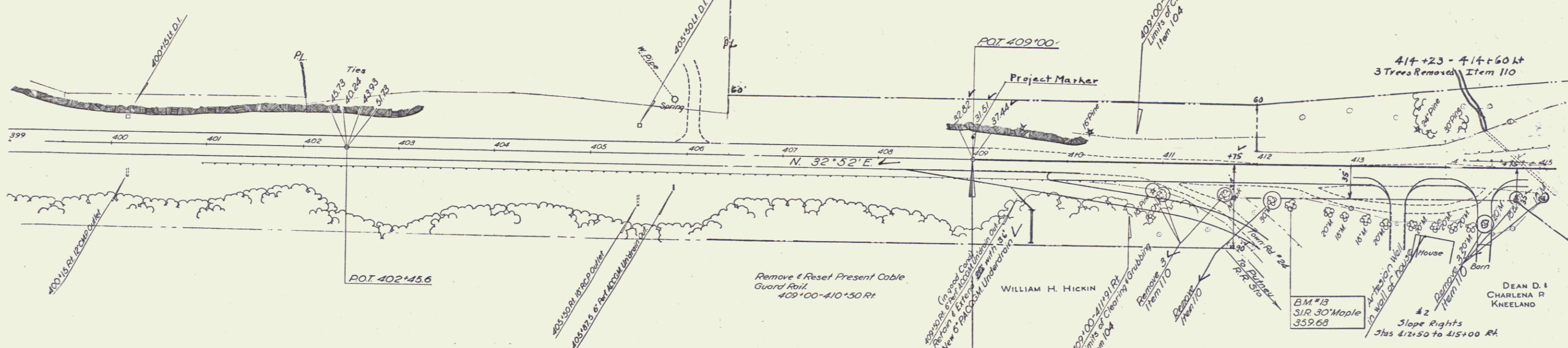
CONSTRUCT APPROACH  
409+00 - 412+00 Rt L

SEEDING & TOPSOIL  
412+50 - 413+35 Rt  
413+63 - 414+23 Rt  
414+53 - 415+00 Rt

PARCEL INSTRUMENT DATE GRANTOR GRANTEE RECORDED Book Page Date REMARKS  
TOWN OF

1 COND. 3-19-54 WILLIAM H. HICKIN ST. OF VT. DUMMERSTON 35 4-9 3-22-54 See report and notice of heaving & sheet 7  
DEAN D. and

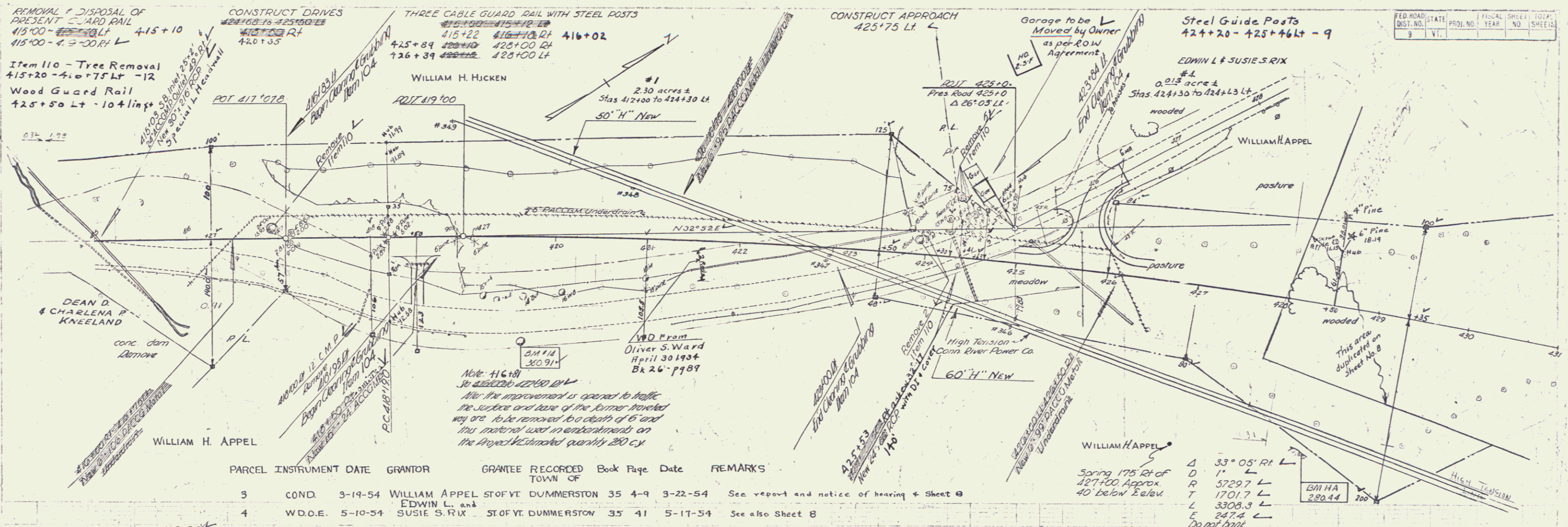
2 W. D. O. E. 5-11-54 CHARLENA P. KNEELAND ST. OF VT. DUMMERSTON 35 48 6-4-54 See also Sheet 7



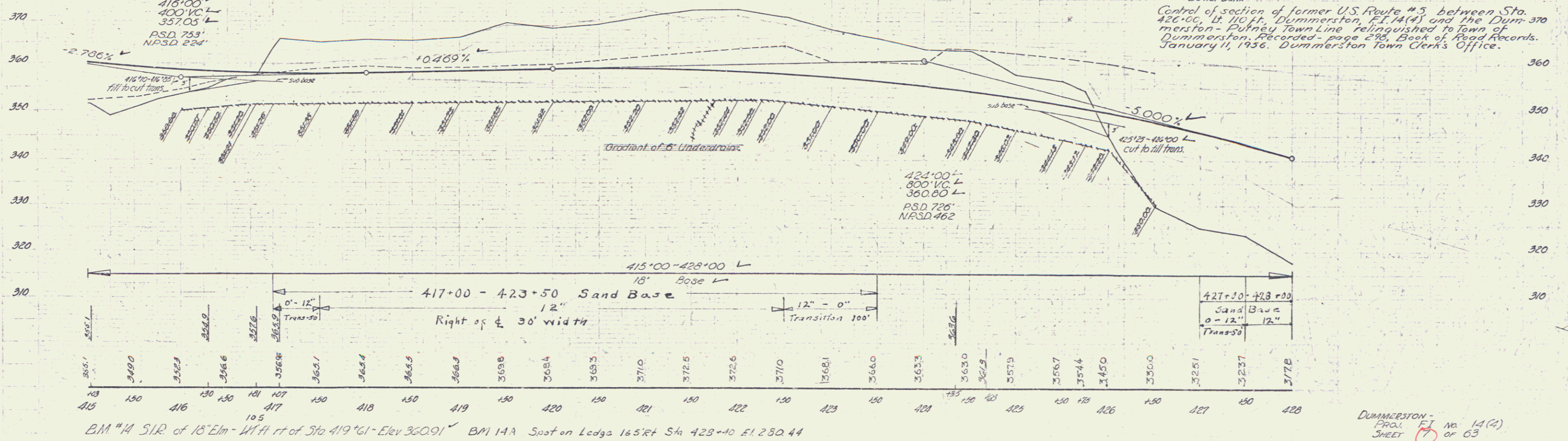
BM #13 S.I.R. 30' Maple, Sta 412+37, 40' Rt., E.I. 359.68

DUMMERSTON  
Proj FI No. 14(4)  
Sheet 6 of 63

2



PARCEL	INSTRUMENT	DATE	GRANTOR	GRANTEE	RECORDED	BOOK	PAGE	DATE	REMARKS
3	COND.	3-19-54	WILLIAM APPEL	STOFVT DUMMERSTON	35	4-9	3-22-54		See report and notice of hearing & Sheet 8
4	W.D.O.E.	5-10-54	SUSIE S. RIX	STOFVT DUMMERSTON	35	41	5-11-54		See also Sheet 8



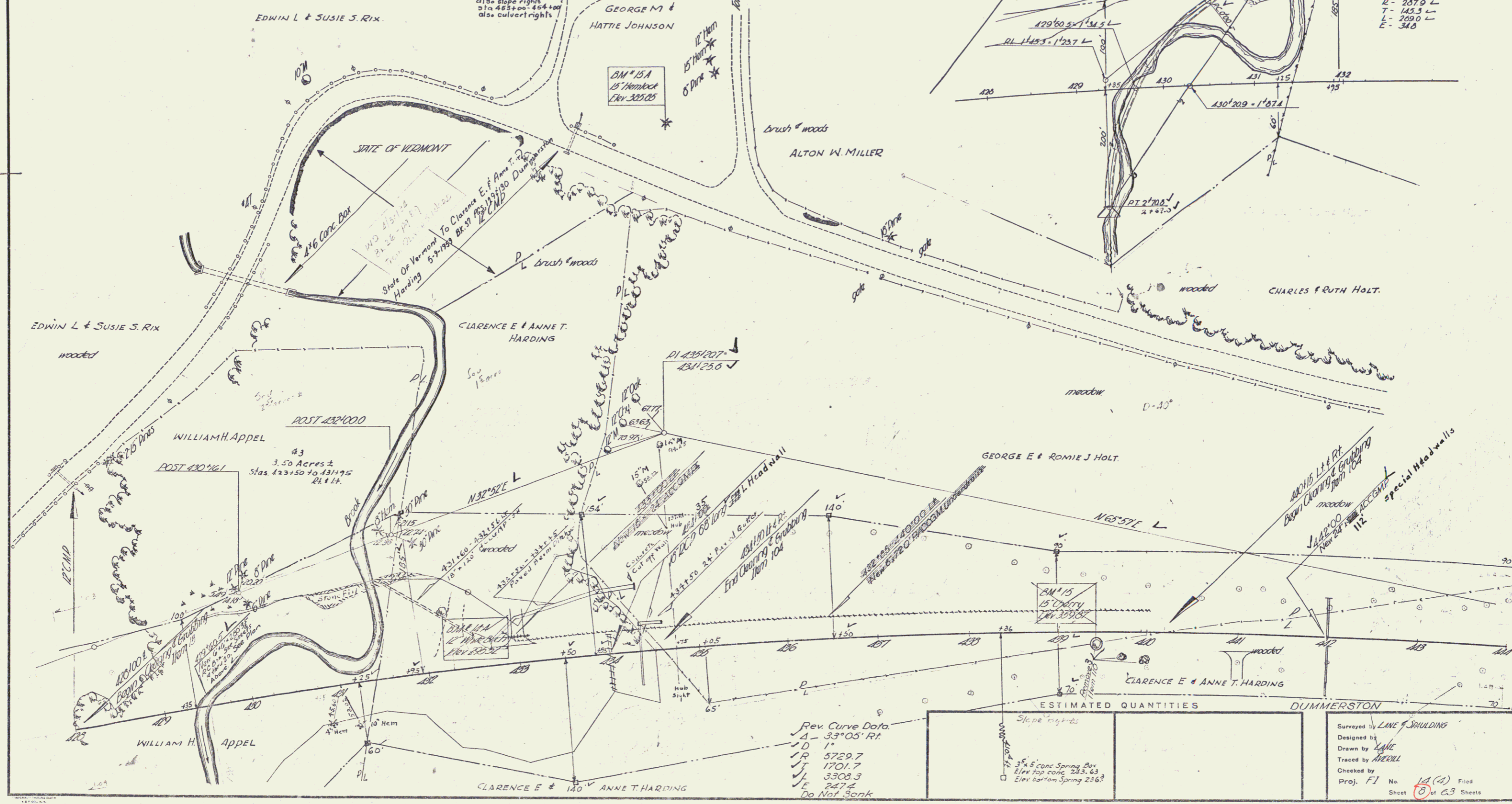
BM #14 S1R of 18' Elm - W 1/4 of Sta 419+61 - Elev 360.91' BM 14A Spot on ledge 165 ft Sta 428+40 El. 250.44

THREE CABLE GUARD RAIL WITH 5" FUEL POSTS  
 420+00 - 430+69  
 430+70 - 432+15  
 432+16 - 434+50  
 434+51 - 441+05  
 441+06 - 443+76

CONSTRUCT DRIVE  
 432+30 LT.  
 441+00 RT. +41  
 437+00 RT.

Item 110 - Tree Removal  
 436+88 RT - 439+96 RT - 12  
 Steel Guide Posts  
 441+80 - 442+24 10

PARCEL	INSTRUMENT	DATE	GRANTOR	GRANTEE	RECORDED	Book	Page	Date	REMARKS
5	COND.	3-19-54	CLARENCE E. and ANNE T. HARDING	ST OF VC DUMMERSTON	35	4-9	3-22-54	See report and notice of hearing, also sheets 10, 11, 12 also slope rights to 465+00 - 464+00 also culvert rights	
6	COND.	3-19-54	ROMIE J. HOLT	ST OF VC DUMMERSTON	35	4-9	3-22-54	notice of hearing also sheets 10, 12 also slope rights to 465+00 - 464+00 also culvert rights	



CURVE DATA (for Culvert)  
 Δ - 33° 48' L  
 D - 20' L  
 R - 207.0 L  
 T - 145.3 L  
 L - 269.0 L  
 E - 34.0

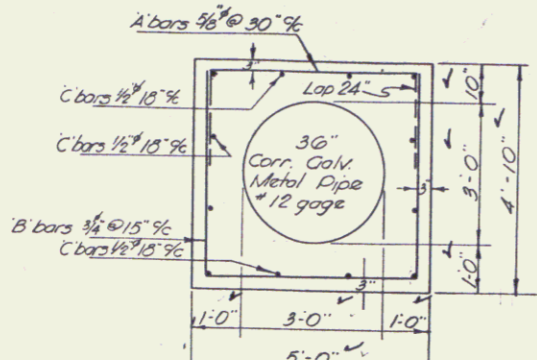
Rev. Curve Data  
 Δ - 33° 05' Rt.  
 D - 11'  
 R - 5729.7  
 T - 1701.7  
 L - 3308.3  
 E - 247.4  
 Do Not Bank

ESTIMATED QUANTITIES	
Excavation	112.00
Backfill	112.00
Special Head walls	112.00

Surveyed by LANE & SPaulding  
 Designed by LANE  
 Drawn by LANE  
 Traced by ABERILL  
 Checked by  
 Proj. F1 No. 14 (2) Filed  
 Sheet 23 of 23 Sheets

THREE CABLE GUARD RAIL w/ STEEL POSTS  
 447+06-447+5+ ~~447+10-447+20 RT~~  
 452+91-454+19 ~~452+104-453+28 RT~~  
 454+98-457+70 ~~454+102-457+32 LT~~  
 455+16-457+72 ~~455+14-457+32 RT~~

CONSTRUCT DRIVES  
 #18-150 RT  
 #43-150 RT  
 447+34-449+20 RT  
 452+50 RT  
 452+35 LT



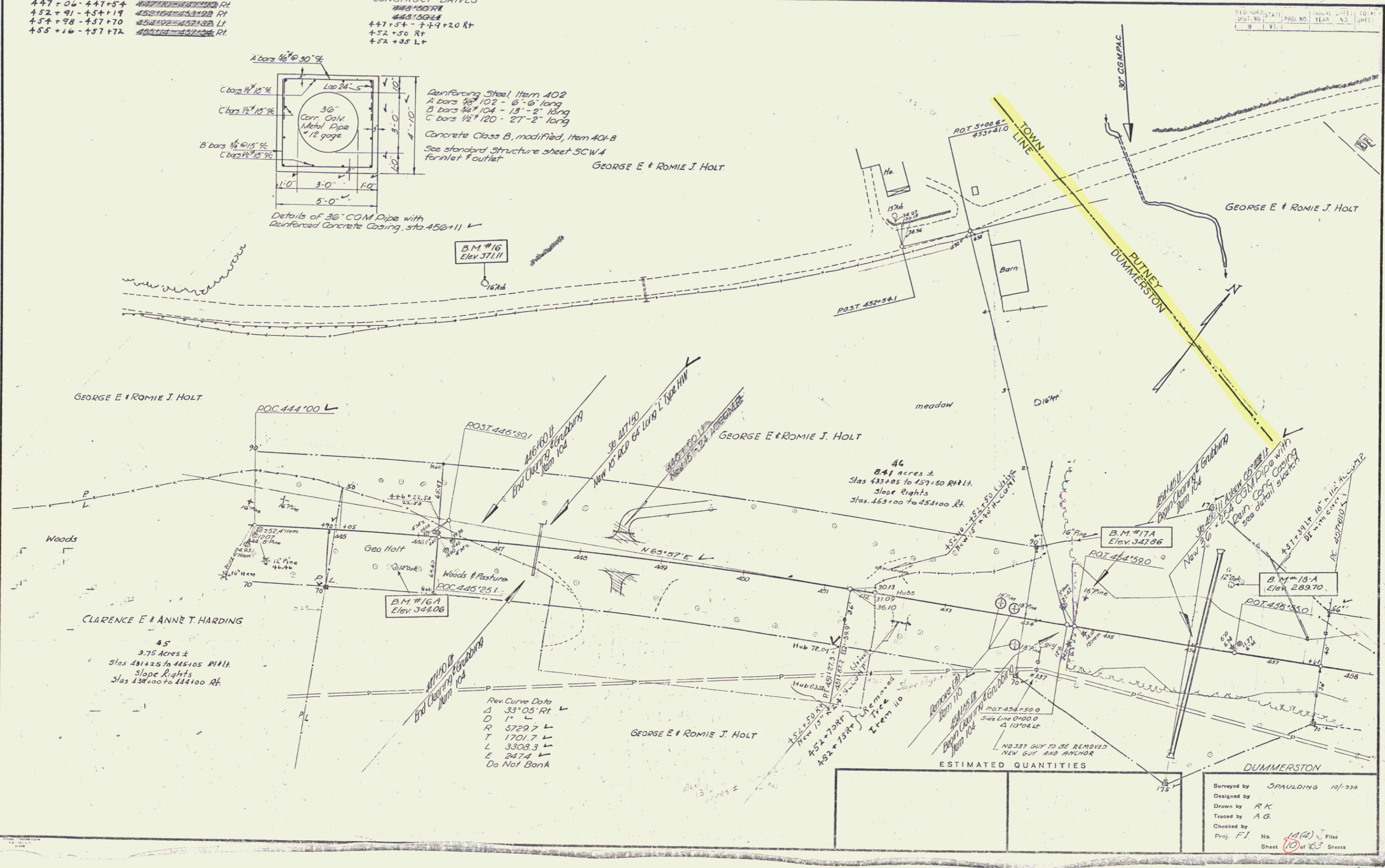
Reinforcing Steel Item 402  
 A bars 3/8" 102" - 6'-6" long  
 B bars 3/8" 104" - 13'-2" long  
 C bars 1/2" 120" - 27'-2" long  
 Concrete Class B, modified, Item 401-B  
 See standard structure sheet SCW-4  
 Formlet Poutlet

GEORGE E + ROMIE J. HOLT

Details of 36" CGM Pipe with Reinforced Concrete Casing, sta. 456+11

B.M. #16  
 Elev. 371.11

STATE	PROJ. NO.	YEAR	SHEET
VT.			



GEORGE E + ROMIE J. HOLT

GEORGE E + ROMIE J. HOLT

CLARENCE E + ANNE T. HARDING

GEORGE E + ROMIE J. HOLT

ESTIMATED QUANTITIES

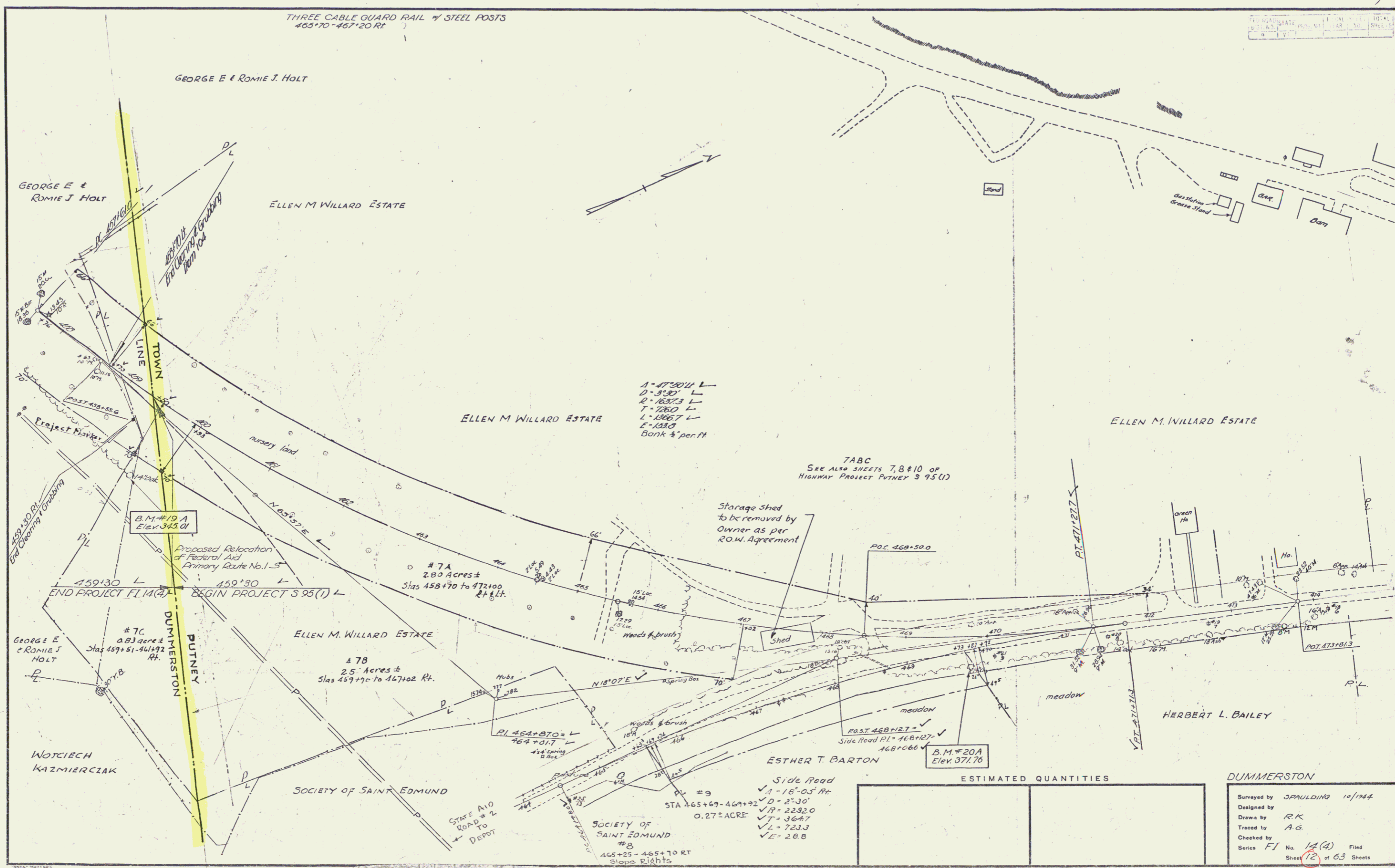
DUMMERSTON

45  
 3.75 Acres ±  
 Stas 481+25 to 485+05 R/L  
 Slope Rights  
 Stas 438+00 to 444+00 R/L

Rev. Curve Data  
 A 33° 05' RT  
 D 11'  
 R 5729.7 L  
 T 1701.7 L  
 L 3308.3 L  
 E 247.4 L  
 Do Not Bank


Surveyed by SPAULDING 10/234  
 Designed by  
 Drawn by RK  
 Traced by A.G.  
 Checked by  
 Proj. FI No. 10(2) Filed  
 Sheet 10 of 63 Sheets

5



THREE CABLE GUARD RAIL w/ STEEL POSTS  
465+70-467+20 RT

GEORGE E & ROMIE J. HOLT

ELLEN M WILLARD ESTATE

GEORGE E & ROMIE J HOLT

ELLEN M WILLARD ESTATE

ELLEN M. WILLARD ESTATE

TABC  
SEE ALSO SHEETS 7, 8 & 10 OF  
HIGHWAY PROJECT PUTNEY 3 95 (1)

Proposed Relocation  
of Federal Aid  
Primary Route No. 15

GEORGE E & ROMIE J HOLT

ELLEN M. WILLARD ESTATE

HERBERT L. BAILEY

WOTCIECH  
KAZMIERCZAK

SOCIETY OF SAINT EDMUND

ESTHER T. BARTON

SOCIETY OF  
SAINT EDMUND  
#8  
465+25-465+70 RT  
SLOPE RIGHTS

ESTIMATED QUANTITIES

DUMMERSTON

Surveyed by SPAULDING 10/1964  
Designed by  
Drawn by RK  
Traced by AG  
Checked by  
Series FJ No. 14(4) Filed  
Sheet 12 of 63 Sheets

A=4700' L  
D=330' L  
R=16373 L  
T=7260 L  
L=18667 L  
E=1330  
Bank 4' per ft

Storage Shed  
to be removed by  
Owner as per  
ROW Agreement

Side Road  
A=18'-05" Rt  
D=2'-30"  
R=22920  
T=3647  
L=7233  
E=288