

INDEX OF SHEETS

SHEET NO. 1	TITLE PAGE
2	TYPICAL CROSS SECTION OF IMPROVEMENT
3	BANKING AND WIDENING TABLES
4	QUANTITY SHEET (ITEMS AND DRAINAGE)
5	EARTHWORK SHEET
6-9	PLAN AND PROFILE SHEETS
10	PRELIMINARY INFORMATION SHEET
11	SUPERSTRUCTURE SHEET
12	BRIDGE DETAIL SHEET
13	DETAILS OF ABUTMENT NO. 1
14	DETAILS OF ABUTMENT NO. 2
15	REINFORCING STEEL SCHEDULE
16	CONSTRUCTION DETAILS CD (DRAINAGE AND MARKERS)
17	CONSTRUCTION DETAILS CD-2 (TYPICAL GRADING)
18	STANDARD STRUCTURE SHEET S-45-45 (PLANK GUARD RAIL)
19	STANDARD STRUCTURE SHEET S-48-46 (THREE CABLE GUARD RAIL)
20	STANDARD STRUCTURE SHEET SB-11 (BARRICADES, SIGNS AND LIGHTS)
21	STANDARD STRUCTURE SHEET SB-20 (DETAILS D, H, J, K, L AND M)
22-24	CROSS SECTIONS
25-26	CHANNEL SECTIONS

**STATE OF VERMONT
DEPARTMENT OF HIGHWAYS**

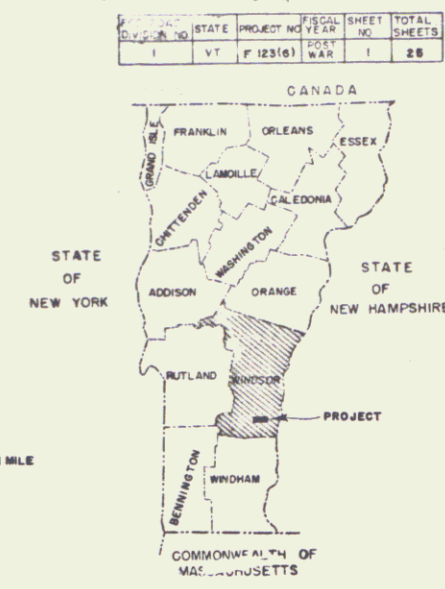
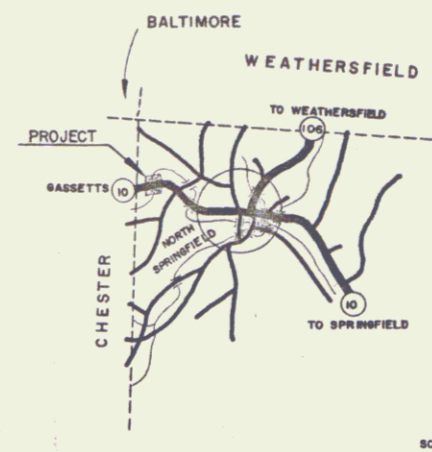
PROPOSED IMPROVEMENT

FEDERAL AID PROJECT

**TOWN OF SPRINGFIELD
COUNTY OF WINDSOR
VERMONT ROUTE 10
BRIDGE OVER GREAT BROOK**

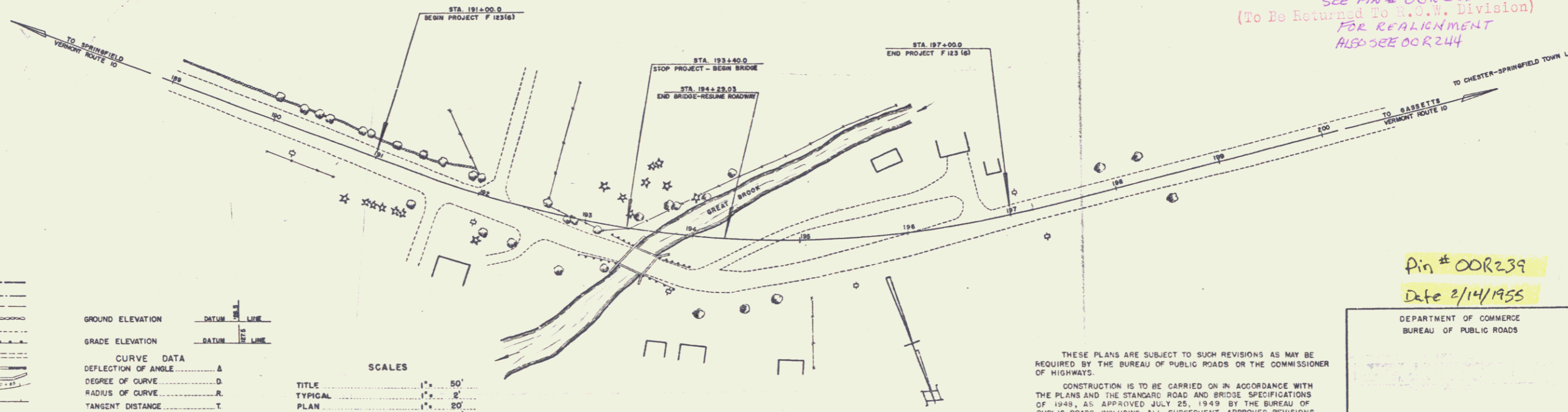
BEGINNING AT A JOINT 1582.0 FEET EAST OF THE
CHESTER-SPRINGFIELD TOWN LINE AND EXTENDING
WESTERLY 600.0 FEET.

LENGTH OF ROADWAY 510.97 FEET • 0.097 MILE
LENGTH OF BRIDGE 89.03 FEET • 0.017 MILE
LENGTH OF PROJECT 600.00 FEET • 0.114 MILE



RIGHT-OF-WAY DIVISION
TOWN FILE

PERPETUAL
FORMER
Pin of UT 106
SEE PIN # 00R234
(To Be Returned To R.O.W. Division)
FOR REALIGNMENT
ALSO SEE 00R244



CONVENTIONAL SIGNS

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	---

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	PI
POINT OF CURVE	PC
POINT OF TANGENT	PT
POINT ON TANGENT	POT
POINT ON SUB-TANGENT	POST

SCALES

TITLE	1" = 50'
TYPICAL	1" = 20'
PLAN	1" = 20'
PROFILE HORIZONTAL	1" = 20'
PROFILE VERTICAL	1" = 10'
CROSS-SECTIONS	1" = 8'

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.

Pin # 00R239
Date 2/14/1955

DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS

APPROVED _____
DISTRICT ENGINEER

DATE _____

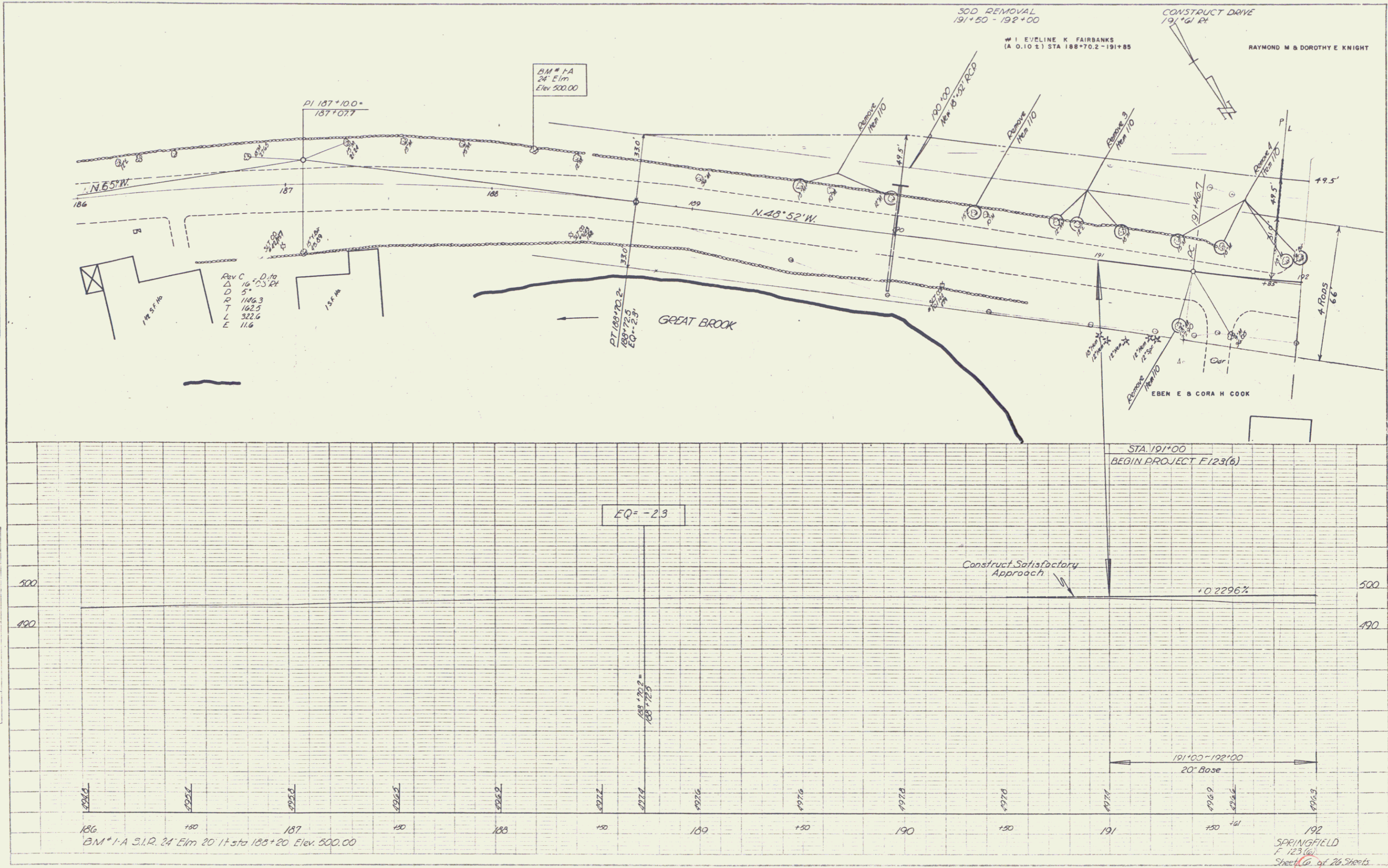
PROJECT F NO. 123161

SHEET 1 OF 26 SHEETS

APPROVED <i>[Signature]</i> CONSTRUCTION ENGINEER DATE FEB. 14, 1955	APPROVED <i>[Signature]</i> BRIDGE ENGINEER DATE JAN. 7, 1955	APPROVED <i>[Signature]</i> DISTRICT ENGINEER DATE 2/1/55	APPROVED <i>[Signature]</i> HIGHWAY ENGINEER DATE FEB. 16, 1955	APPROVED <i>[Signature]</i> DISTRICT ENGINEER DATE FEB. 8, 1955
--	---	---	---	---

PLAN
 DATE: 8-31
 DRAWN BY: Frank
 CHECKED BY: Frank
 NO. 1

PROFILE
 DATE: 8-31
 DRAWN BY: Frank
 CHECKED BY: Frank
 NO. 1



SPRINGFIELD
 F 123 (6)
 Sheet 6 of 26 Sheets

SOD REMOVAL
192+00 - 193+40 RT
194+29.03 - 190+00

CONSTRUCT DRIVES
192+13 LT
192+50 RT
194+50 RT
195+66 LT
196+65 LT

THREE CABLE GUARD RAIL
WITH STEEL POSTS
192+73 - 193+21 RT
193+01 - 193+49 LT
194+03 - 194+22 RT
194+53 - 195+01 LT

REMOVAL & DISPOSAL OF
PRESENT GUARD RAIL
193+02 - 193+37 RT
193+25 - 193+50 LT
193+57 - 193+87 RT
193+71 - 194+01 LT

LIMITS OF CLEARING & GRUBBING
193+25 to 193+40 RT
193+27 to 193+70 LT

6 ROBERT E & ALVINA R STEVENS
(A 0.18 ±) STA 193+80 - 196+50
CHANNEL RIGHTS - STA 194+80 - 195+05 ±

89'-0" SPAN OVERALL
W/F Bridge 30'0" Roadway
(6° curve - bank 1/4" per ft)

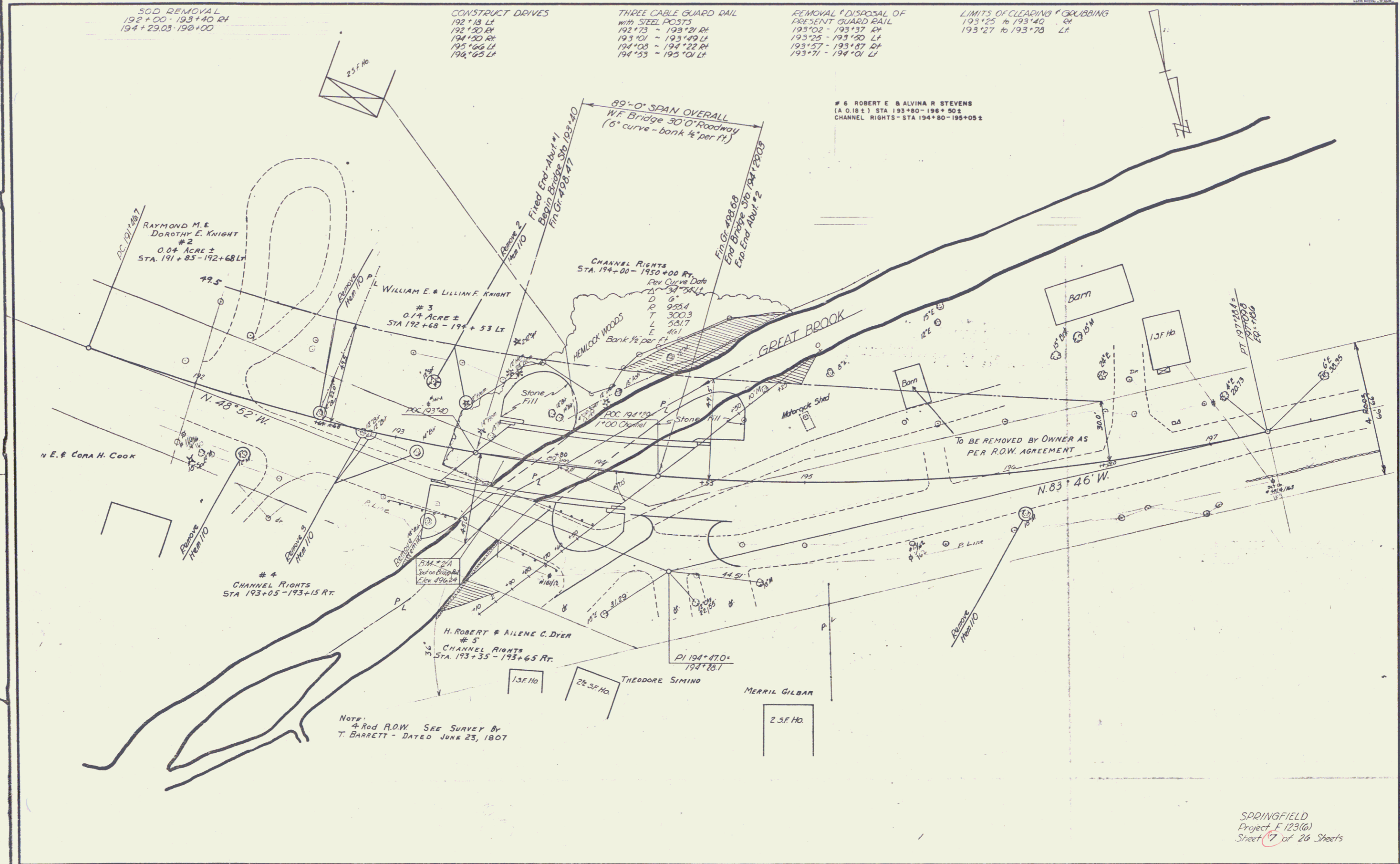
RAYMOND M. &
DOROTHY E. KNIGHT
2
0.04 ACRE ±
STA. 191+83 - 192+68 LT

L. WILLIAM E. & LILLIAN F. KNIGHT
3
0.17 ACRE ±
STA 192+68 - 194+53 LT

4
CHANNEL RIGHTS
STA 193+05 - 193+15 RT.

H. ROBERT & AILENE C. DYER
5
CHANNEL RIGHTS
STA. 193+35 - 193+65 RT.

NOTE:
* Rod P.O.W. SEE SURVEY BY
T. BARRETT - DATED JUNE 23, 1907



SPRINGFIELD
Project F 123(6)
Sheet 7 of 26 Sheets

TRACT REGISTER OF ACQUISITION AFTER 1 JAN. 1943 (CIVIL).

TRACT NO.	LAND OWNER	ACREAGE			REMARKS
		FEE	EASMT	LEASED PERMIT	
F-600	Emor A. Toig, et ux	2.66			
F-601	Raymond A. Dix, et ux	0.84			
F-602	Robert M. Baker	0.26			
F-603	Heleen Swon	0.83			
F-604-1	John L. Hurst, et ux	0.46			
F-604-2	John L. Hurst, et ux	0.02			
F-605	Charles Deissie	0.24			
F-606	Vernon W. Clark	6.65			
F-607	Albert G. Murray	0.14			

PROJECT MAP

DEPT. OF THE _____
 USING SERVICE _____
 LOCATION OF PROJECT
 STATE _____
 COUNTY _____
 DIVISION _____
 DISTRICT _____
 ARMY AREA _____
 MILES OF _____
 MILES OF _____

TRANSPORTATION FACILITIES
 RAILROADS _____
 STATE ROADS _____
 FEDERAL ROADS _____
 AIR LINES _____

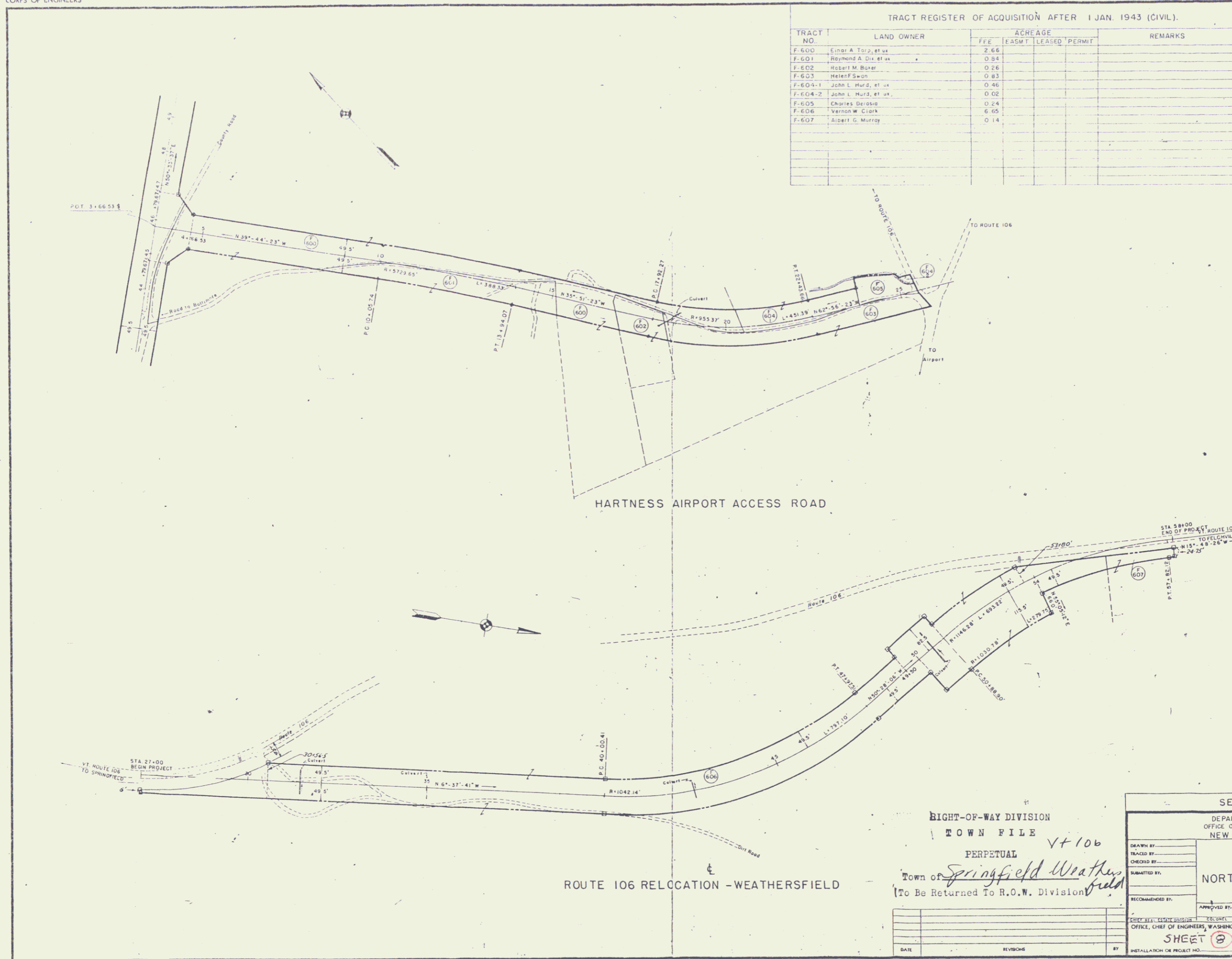
ACQUISITION
 TOTAL ACRES ACQUIRED _____
 FEE _____
 PUBLIC DOMAIN PERM. WITHDRAWAL _____
 TEMP. WITHDRAWAL _____
 USE PERMIT _____
 TRANSFER _____
 LEASE _____
 LESSER INTERESTS _____

DISPOSAL
 TOTAL ACRES DISPOSED OF _____
 SOLD _____
 PUBLIC DOMAIN PERM. WITHDRAWAL _____
 TEMP. WITHDRAWAL _____
 USE PERMIT _____
 TRANSFERRED _____
 LEASES TERMINATED _____
 LESSER INTERESTS TERM. _____
 REASSIGNED _____
 OTHER _____

LEGEND

EXCEPT FOR THE SPECIAL SYMBOLS SHOWN BELOW MAP SYMBOLS ARE STANDARD IN ARMY MAP SERVICE TECHNICAL MANUAL NO. 11.

- RESERVATION LINE
- RESERVATION LINE (Actual Survey)
- TRACT BOUNDARY LINE
- TRACT NUMBER
- CONTOUR LINE
- DISPOSAL



RIGHT-OF-WAY DIVISION
 TOWN FILE
 PERPETUAL
 Town of *Springfield Weathersfield*
 To Be Returned To R.O.W. Division

SEGMENT "F"
 DEPARTMENT OF THE ARMY
 OFFICE OF THE DIVISION ENGINEER
 NEW ENGLAND DIVISION
 REAL ESTATE
 NORTH SPRINGFIELD RESERVOIR

DESIGNED BY _____
 TRACED BY _____
 CHECKED BY _____
 SUBMITTED BY _____
 RECOMMENDED BY _____
 APPROVED BY _____ DATE _____

SCALE IN FEET
 1" = 100'

SHEET 3 OF 4 DRAWING NO. NED-PA-4