

INDEX OF SHEETS

SHEET NO. 1 TITLE PAGE

" 2 TYPICAL CROSS-SECTION OF IMPROVEMENT GRAVEL MIXED-IN-PLACE SURFACE COURSE ITEM 24-A

" 3 PLAN AND PROFILE STA. 181+00 - STA. 187+00

" 4 " " " " 187+00 " 193+00

" 5 " " " " 193+00 " 199+00

" 6 GENERAL PLAN

" 7 DETAILS OF ABUTMENTS NO. 1 & 2

" 8 " " " " PIERS

" 9 51 B 20 NO. 25-TS USE 45' SPAN MODIFIED FOR 55°-34' SKEW USE CB 297 @ 172' OR EQUIV. FOR SPAN 2 ONLY

" 10 DETAILS BLAST PLATE

" 11 5 B NO 5 CABLE GUARD RAIL

" 12 5 B NO 20 STANDARD DETAILS

" 13 5 B NO 11 BARRICADES, LIGHTS, ETC.

" 14 DETAILS 8x4 BOX CULVERT

" 14A 5-30 GROUTED COBBLE GUTTER

" 15-25 CROSS SECTIONS

INDEX OF SHEETS SHOWING SOURCE OF BORROW

SHEET No. 24-B-21-B PLAN AND PROFILE SHEETS

" 28B-1-A CROSS SECTIONS

STANDARD SHEET 5-30 APPROVED BY THE CHIEF ENGINEER ON AUG. 15, 1933.

STATE OF VERMONT
STATE HIGHWAY DEPARTMENT

PLAN AND PROFILE OF PROPOSED
STATE HIGHWAY

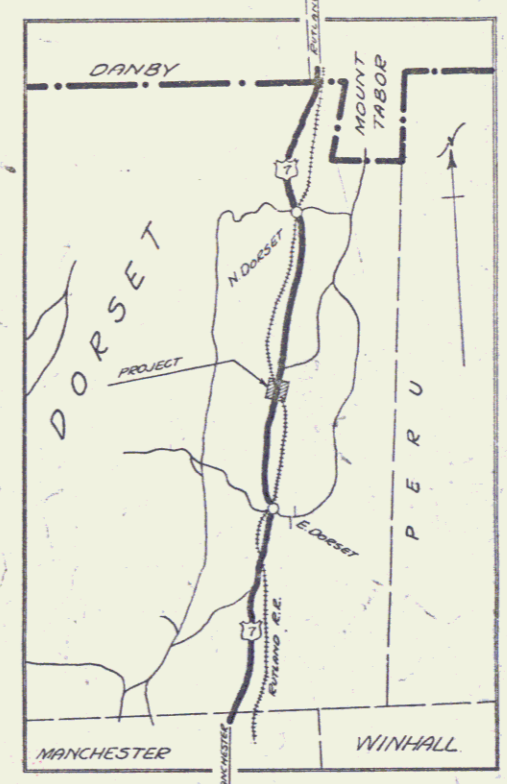
NATIONAL RECOVERY HIGHWAY PROJECT

TOWN OF DORSET Pin # 99R509
MANCHESTER-RUTLAND ROAD

FROM A POINT 150 FEET SOUTH OF THE HOUSE OF A. HALEY NORTHERLY 0.170 MILES TO A POINT 100 FEET NORTH OF THE HOUSE OF E. CARLISLE

LENGTH OF PROJECT EXCLUDING OVERPASS 753.0 FT. = 0.142 MI. *RB MP 3.51*
LENGTH OF STRUCTURE 147.0 FT. = 0.028 MI. *LIGHT-OF-WAY DIVISION*
LENGTH OF PROJECT INCLUDING OVERPASS 900.0 FT. = 0.170 MI. *TOWN FILE*

PERPETUAL
Term of U.S. 7
(To Be Returned To R.O.W. Division)

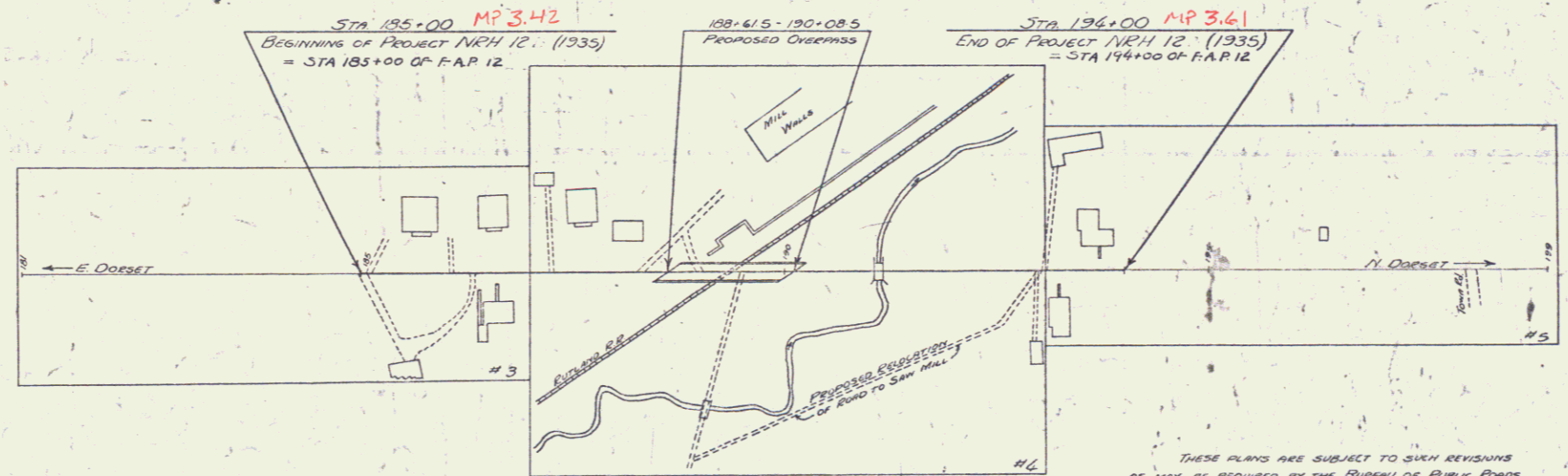


RECORD PLANS
FEB. 17, 1937
R.F.T.

SOURCE OF BORROW FOR HIGH 12 (1935)
Borrow for this project to be obtained approximately 2000 ft. north of the proposed overpass on the east side of the road from Sta. 44+00 to Sta. 48+00, 1600' as shown on cross section sheets No. 24-B-1-A & 1-B. Excavation is to be made to the base lines of the sections and in accordance with the typical section on layout sheet No. 24-B-1-A. If less borrow is required, the excavation on the east side shall commence at Sta. 48+00 and continue north toward Sta. 44+00 until desired quantity is obtained. If more borrow is required the excavation shall continue north from Sta. 44+00. No road fill shall be obtained between these stations where borrow is obtained.

NOTICE TO CONTRACTOR AND ENGINEER

IT IS REQUIRED THAT ADJACENT PROPERTY OWNERS BE PROVIDED WITH SATISFACTORY ACCESS TO THEIR PROPERTY DURING ENTIRE PERIOD OF CONSTRUCTION. ALL NEGOTIATIONS FOR TEMPORARY ROADS, ROADS, OR CROSSINGS SHALL BE HANDLED BY THE CONTRACTOR DIRECTLY WITH THE ADJACENT OWNER.



SCALES

PLAN	1" = 100'
PROFILE	1" = 20'
CROSS-SECTIONS	1" = 5'

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.

- 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

THESE PLANS ARE SUBJECT TO SUCH REVISIONS AS MAY BE REQUIRED BY THE BUREAU OF PUBLIC ROADS AND THE COMMISSIONER OF HIGHWAYS.

CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS AND SUCH REVISIONS AS MAY BE REQUIRED BY THE BUREAU OF PUBLIC ROADS AND THE COMMISSIONER OF HIGHWAYS.

APPROVED: *Feb 17 1937*
H.E. Stoughton
COMMISSIONER OF HIGHWAYS
SUBMITTED BY ORDER OF THE STATE HIGHWAY BOARD

RECOMMENDED: [Signature]
DISTRICT ENGINEER BUREAU OF PUBLIC ROADS

RECOMMENDED FOR APPROVAL: [Signature]
CHIEF ENGINEER BUREAU OF PUBLIC ROADS

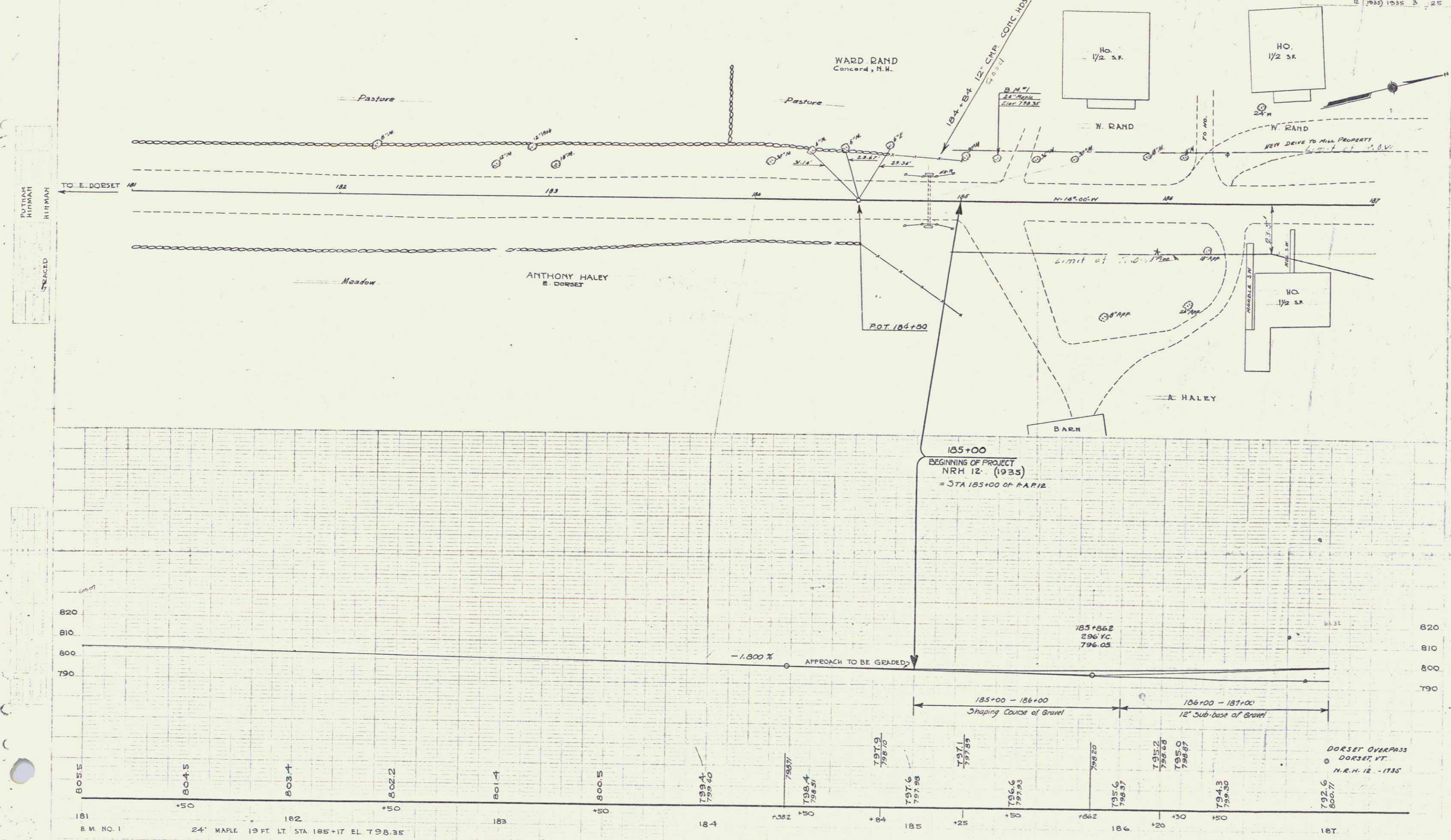
APPROVED: [Signature]
DIRECTOR BUREAU OF PUBLIC ROADS

Project No. N.R.H. 12(1935)

CORRECT: [Signature] BRIDGE ENGINEER

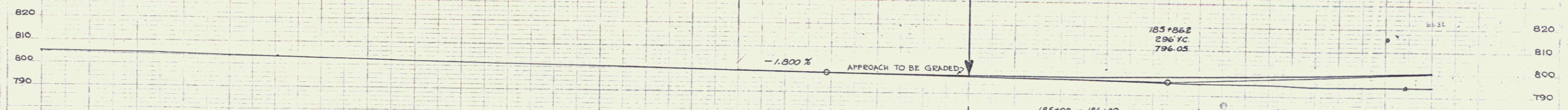
SERIES N.R.H. NO. 12 (1935) FILED SHEET 1 OF 25

DIST # 1 PLANS

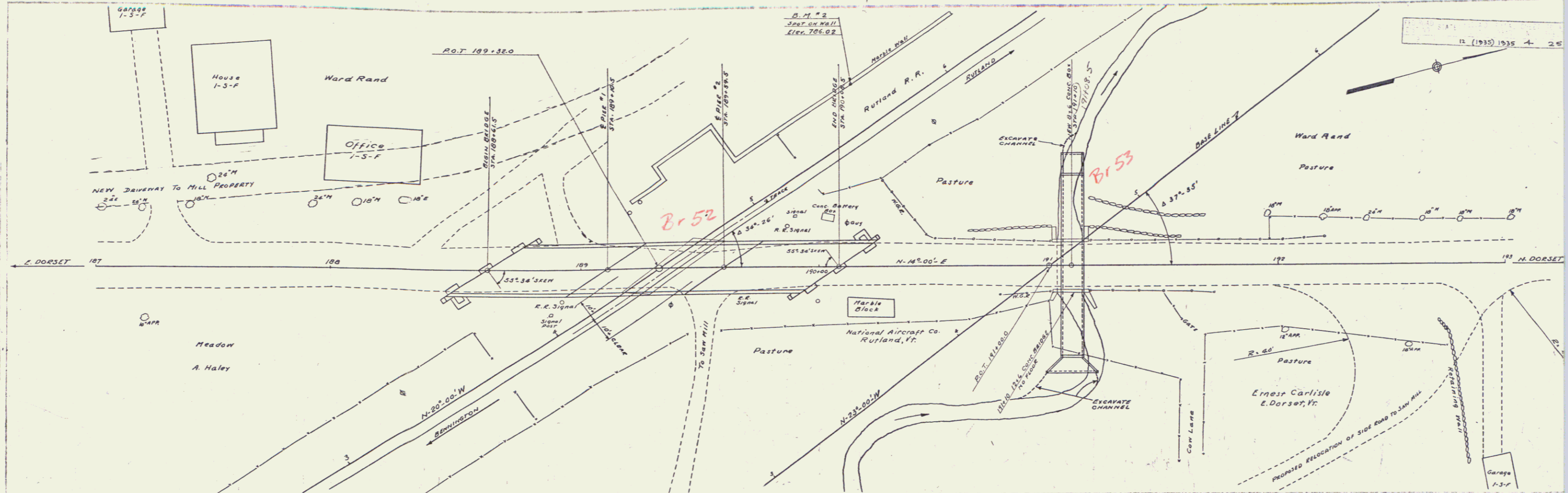


RETURN
HITMAN
HITMAN

SPACED



181	182	183	184	185	186	187
B.M. NO. 1	24' MAPLE 19 FT. LT. STA 185+17 EL. 798.35					
798.35			799.4 799.40	797.9 797.90	797.1 797.10	792.6 800.7



SHEETS REQUIRED FOR BRIDGE

SHEET NOS. 4-5 PLAN & PROFILE

- 6 GEN. PLAN
- 9 SEC. 20 NOS. 25-75 [USE 45'-0" SPAN, MODIFIED FOR 55'-34" SKEW, USE C&G 20' @ 172' OR EQUIVALENT FOR SPAN #2 ONLY]
- 10 DETAILS OF BEAM PLATES
- 0 DETAILS OF PIERS NOS. 1 & 2
- 7 DETAILS OF ABUTMENTS NOS. 1 & 2
- 11 3/8 NO. 5-CABLE GUARD RAIL
- 12 3/8 NO. 20-DETAILS S103, S105, S108, S109, S111, S112, & GEN. NOTES
- 13 5/8 NO. 11 - BARRICADES, LIGHTS, ETC.
- 45 TO 25 CROSS SECTIONS

SHEETS REQUIRED FOR CONC. BOX

SHEET NO. 2 PLAN & PROFILE

- 6 GEN. PLAN
- 14 DETAILS 8x6 CONC. BOX
- 22 CROSS SECTION

ESTIMATED QUANTITIES FOR BRIDGE

ITEM NO. 15	STRUCT. EXCAVATION	224 CUYD.
	33A CONCRETE CLASS "A"	14.9 "
	33B CONCRETE CLASS "B"	222 "
	34 REINFORCING STEEL	58,133 LBS.
	36B STEEL SUPER STRUCTURE (1/8" 701015)	1 LUMP SUM
	7AB GROUTED COBBLE GUTTER	200 SQ. YD.
	MAINTAINING TRAFFIC	1 LUMP SUM
	CEMENT MORTAR APPALS UNDER PAVING 700 SQ. FT.	50,000 LB.
	ESTIMATED QUANTITIES FOR 8x6 CONC. BOX	400 CUYD.
ITEM NO. 16	CHANNEL EXCAVATION	96 "
	15 STRUCTURE EXCAVATION	132 "
	33A CONCRETE CLASS "A"	132 "
	34 REINFORCING STEEL	12,032 LBS.

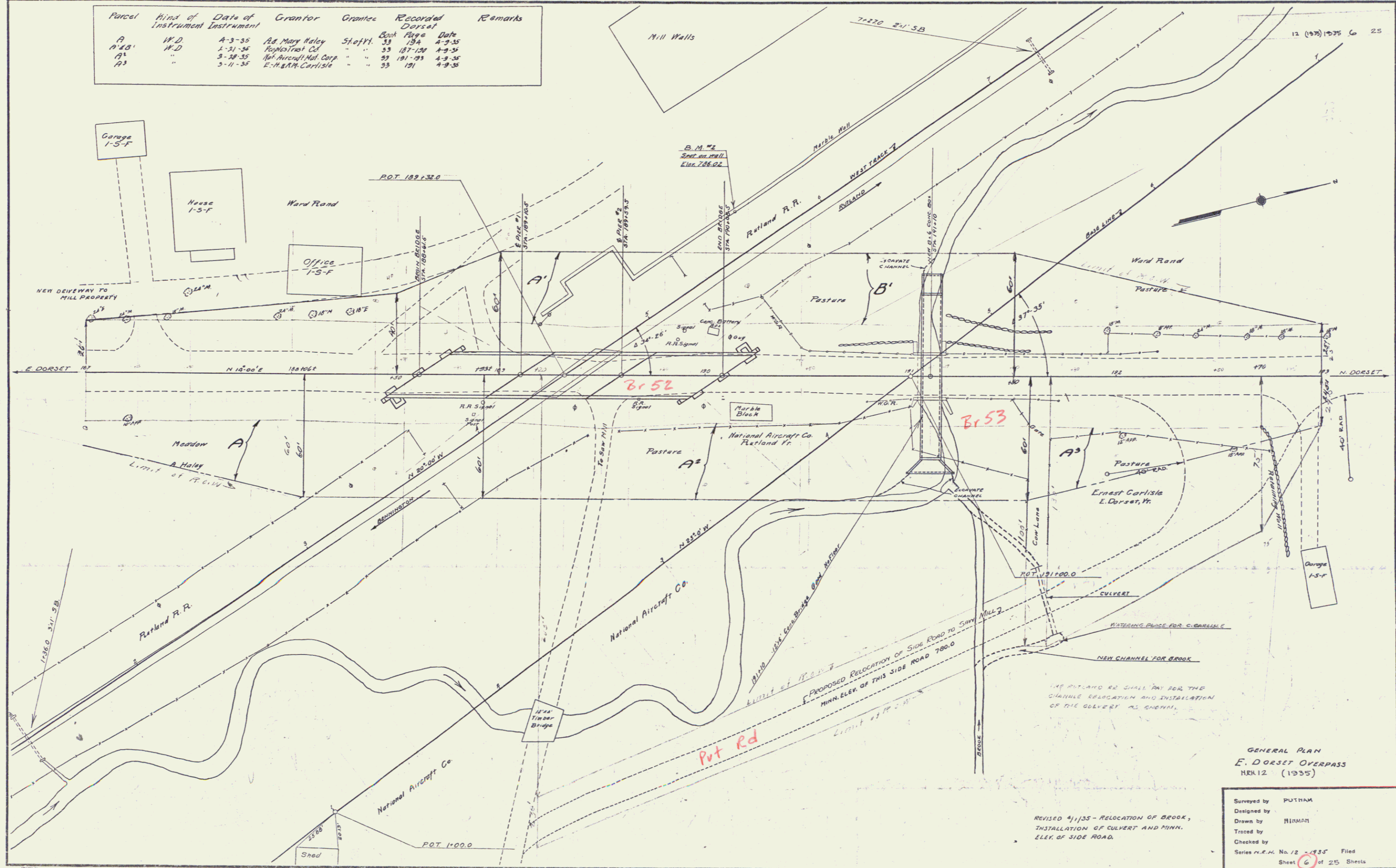
NOTES:
NOTE CHANGE IN SIZE OF BEAMS FOR SPAN #2 ONLY
DIAPHRAGMS BETWEEN STRINGERS SHALL BE STAGGERED
TO MAINTAIN A LINE PARALLEL TO PIERS.

B.M. No. 2 SPOT ON WALL 19 FT. LT. STA. 4+43 EL. 766.02

REVISED FEB. 25, 1935

SHEET 6 OF 25 SHEETS

Parcel	Kind of Instrument	Date of Instrument	Grantor	Grantee	Recorded Dorsal	Remarks
A	W.D.	4-3-35	As. Mary Haley	Staff.	33 194	4-3-35
A ¹	W.D.	1-21-35	As. Mary Haley	Staff.	33 187-188	4-3-35
A ²	"	3-29-35	Nat. Aircraft Co.	"	33 191-193	4-3-35
A ³	"	3-11-35	E. H. & M. Carlisle	"	33 191	4-3-35



GENERAL PLAN
E. DORSET OVERPASS
SER. 12 (1935)

Surveyed by PUTHAM
Designed by HIRMAN
Drawn by HIRMAN
Traced by
Checked by
Series P.E.M. No. 12-435 Filed
Sheet 6 of 25 Sheets

REVISED 4/1/35 - RELOCATION OF BROOK,
INSTALLATION OF CULVERT AND MINN.
ELEV. OF SIDE ROAD.