

INDEX OF SHEETS

| | |
|-------------|--|
| SHEET NO. 1 | TITLE PAGE |
| 2-3 | TYPICAL CROSS-SECTION OF IMPROVEMENT } 2 1/2 CRUSHED GRAVEL MIXED-IN-PLACE SURFACE COURSE. |
| 4 | BANKING AND WIDENING TABLES |
| 5-11 | PLAN AND PROFILE STA. |
| 12-13 | PLAN AND PROFILE SHEETS OF PROPOSED TROLLEY RELOCATION |
| 14-14A | PLAN AND PROFILE SHEETS FOR STONE FILL MATERIAL |
| 15 | SLAB LAYOUT FOR CONCRETE INTERSECTIONS |
| 16-17 | DETAILS OF SUPERSTRUCTURE |
| 18 | DETAILS OF ABUTMENT NO. 1 |
| 19 | DETAILS OF PIER |
| 20 | DETAILS OF ABUTMENT NO. 2 |
| 21 | STANDARD STRUCTURE SHEET |
| 22 | 3B 11 BARRICADES, SIGNS & LIGHTS |
| 23 | 3B 20 DETAILS |
| 24 | 3B 5C RAILING |
| 25 | 3B 28 PIPE CULVERTS |
| 26 | 3B 30 GUARD RAIL |
| 27 | 3B 30A BOUNDARY MARKERS |
| 28 | 3B 33 ONE COURSE CEMENT CONCRETE PAVEMENT |
| 29 | 3B 40 BARRICADES, SIGNS & LIGHTS |
| 30-76 | 3B 41 ROUNDINGS OF SLOPES |

STANDARD STRUCTURE SHEETS
 APPROVED BY THE CHIEF ENGINEER
 3-28 JULY 11, 1933
 3-30 AUGUST 16, 1934

STATE OF VERMONT
 STATE HIGHWAY DEPARTMENT

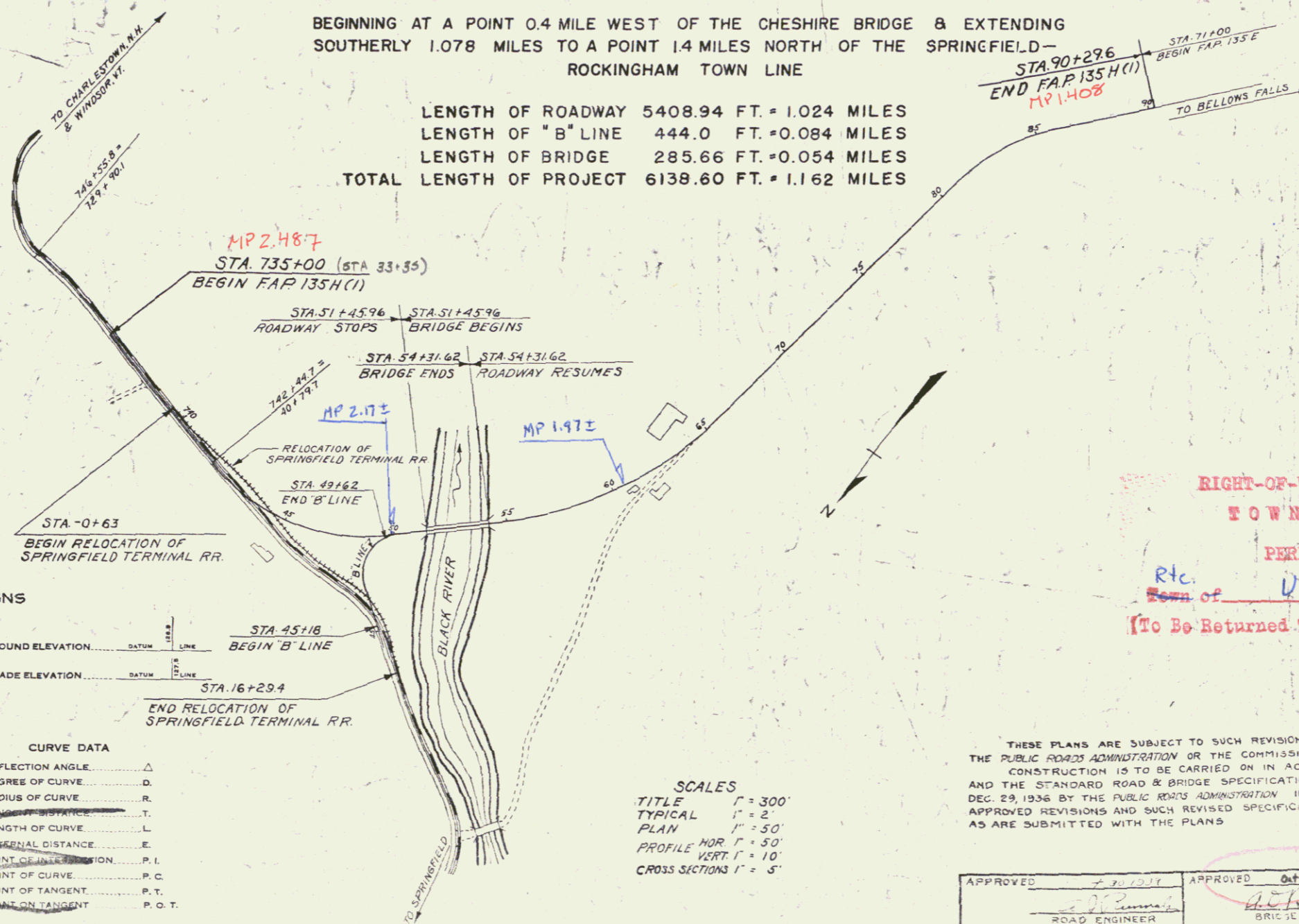
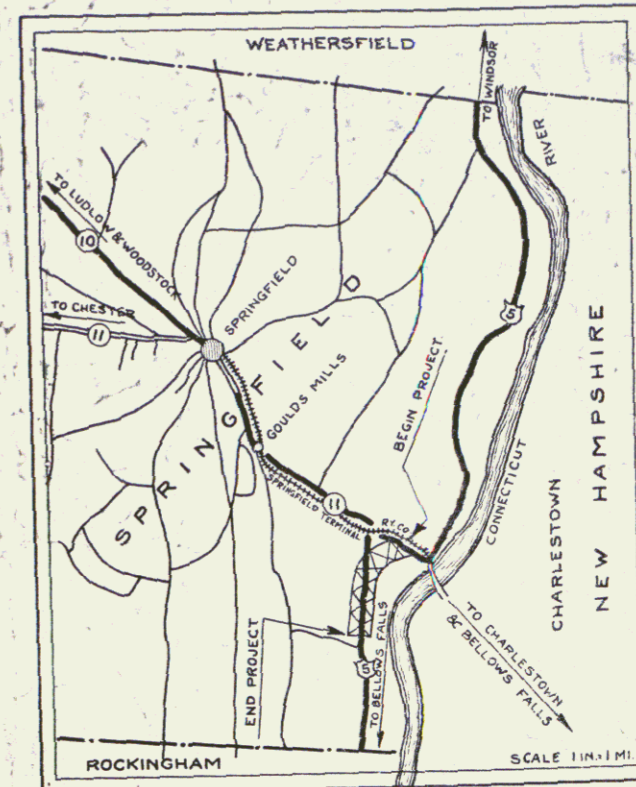
PLAN AND PROFILE OF PROPOSED
 STATE HIGHWAY

FEDERAL AID PROJECT
 135-H (1)

TOWN OF SPRINGFIELD Project: FAP 135 H (1)
 ROUTE U.S. 5 WINDSOR-BELLOWS FALLS ROAD Pin# 99x369

BEGINNING AT A POINT 0.4 MILE WEST OF THE CHESHIRE BRIDGE & EXTENDING
 SOUTHERLY 1.078 MILES TO A POINT 1.4 MILES NORTH OF THE SPRINGFIELD-
 ROCKINGHAM TOWN LINE

LENGTH OF ROADWAY 5408.94 FT. = 1.024 MILES
 LENGTH OF "B" LINE 444.0 FT. = 0.084 MILES
 LENGTH OF BRIDGE 285.66 FT. = 0.054 MILES
 TOTAL LENGTH OF PROJECT 6138.60 FT. = 1.162 MILES



Springfield
 FAP 135 H (1)

CONVENTIONAL SIGNS

| | |
|-------------------|-------|
| COUNTY LINE | ..... |
| TOWN LINE | ..... |
| FENCE LINE | ..... |
| STONE WALL | ..... |
| UNFENCED PROPERTY | ..... |
| GUARD RAIL | ..... |
| TRAVELED WAY | ..... |
| RAILROAD | ..... |
| RETAINING WALL | ..... |
| 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 |
| CHORDAL DISTANCE | C |
| POINT OF INTERSECTION | P. I. |
| POINT OF CURVE | P. C. |
| POINT OF TANGENT | P. T. |
| POINT ON TANGENT | P. O. T. |

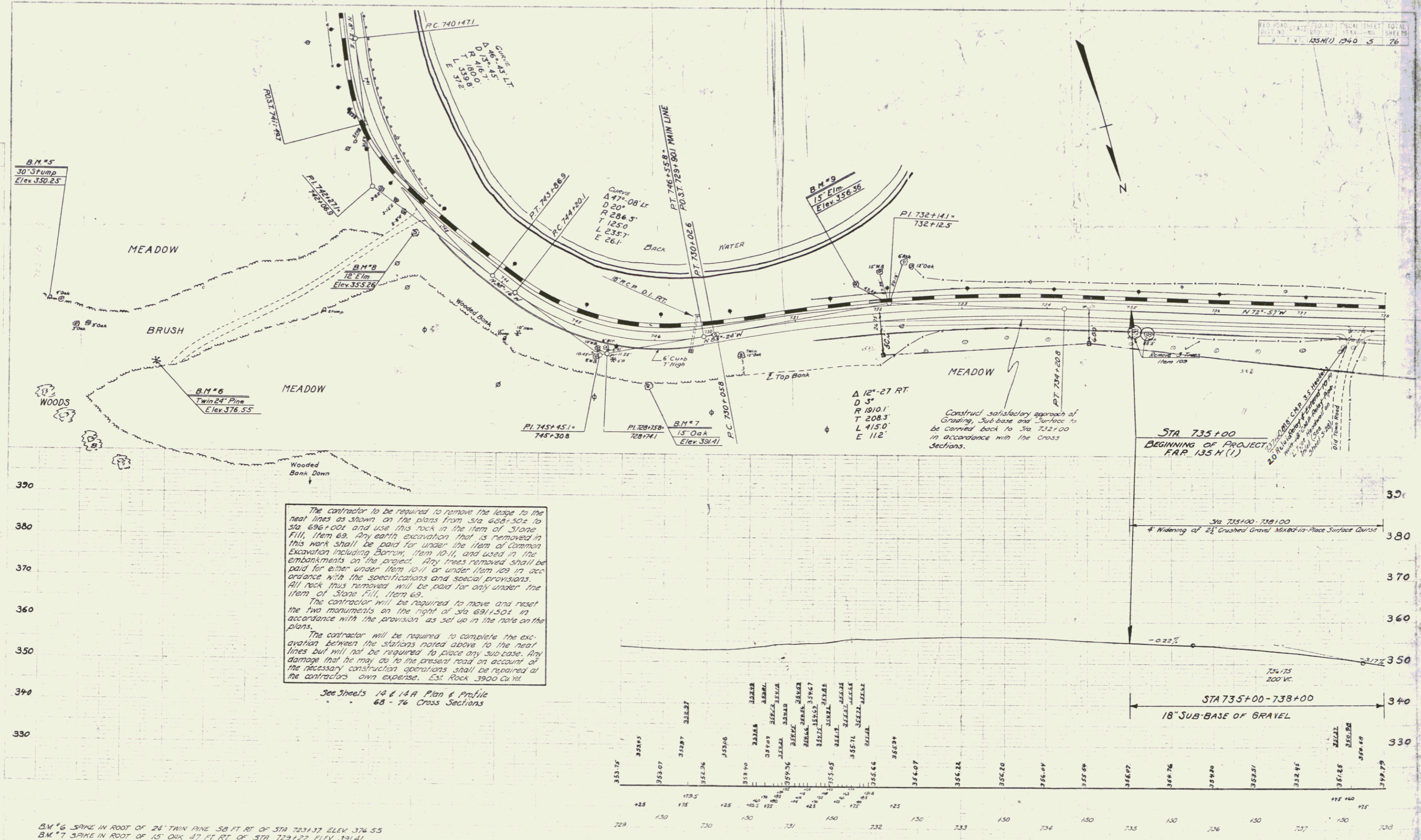
SCALES
 TITLE 1" = 300'
 TYPICAL 1" = 2'
 PLAN 1" = 50'
 PROFILE VERT. 1" = 10'
 CROSS SECTIONS 1" = 5'

RIGHT-OF-WAY DIVISION
 TOWN FILE
 PERPETUAL
 Rtc. Form of U.S. 5
 [To Be Returned To R.O.W. Division]

APPROVED: January 20, 1940
 The [Signature]
 COMMISSIONER OF HIGHWAYS
 SUBMITTED BY ORDER OF THE STATE HIGHWAY BOARD

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 & BRIDGE SPECIFICATIONS OF 1936 AS APPROVED
 DEC. 29, 1936 BY THE PUBLIC ROADS ADMINISTRATION INCLUDING ALL SUBSEQUENT
 APPROVED REVISIONS AND SUCH REVISED SPECIFICATIONS & SPECIAL PROVISIONS
 AS ARE SUBMITTED WITH THE PLANS

APPROVED [Signature] ROAD ENGINEER
 APPROVED [Signature] CHIEF ENGINEER
 APPROVED [Signature] DIST. HWY. COMMISSIONER
 SERIES FAP NC 135 H (1) FILED
 SHEET 1 OF 76



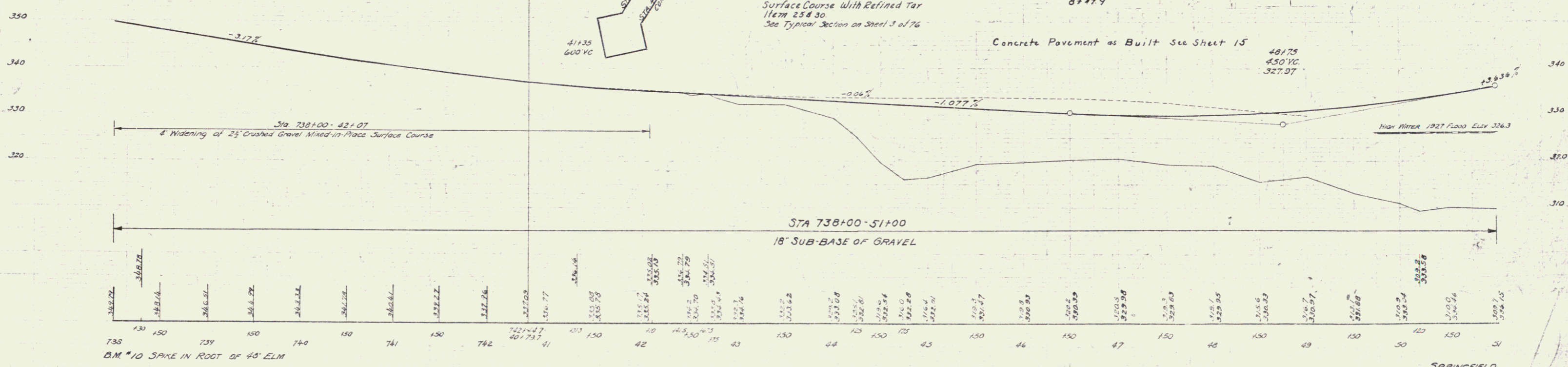
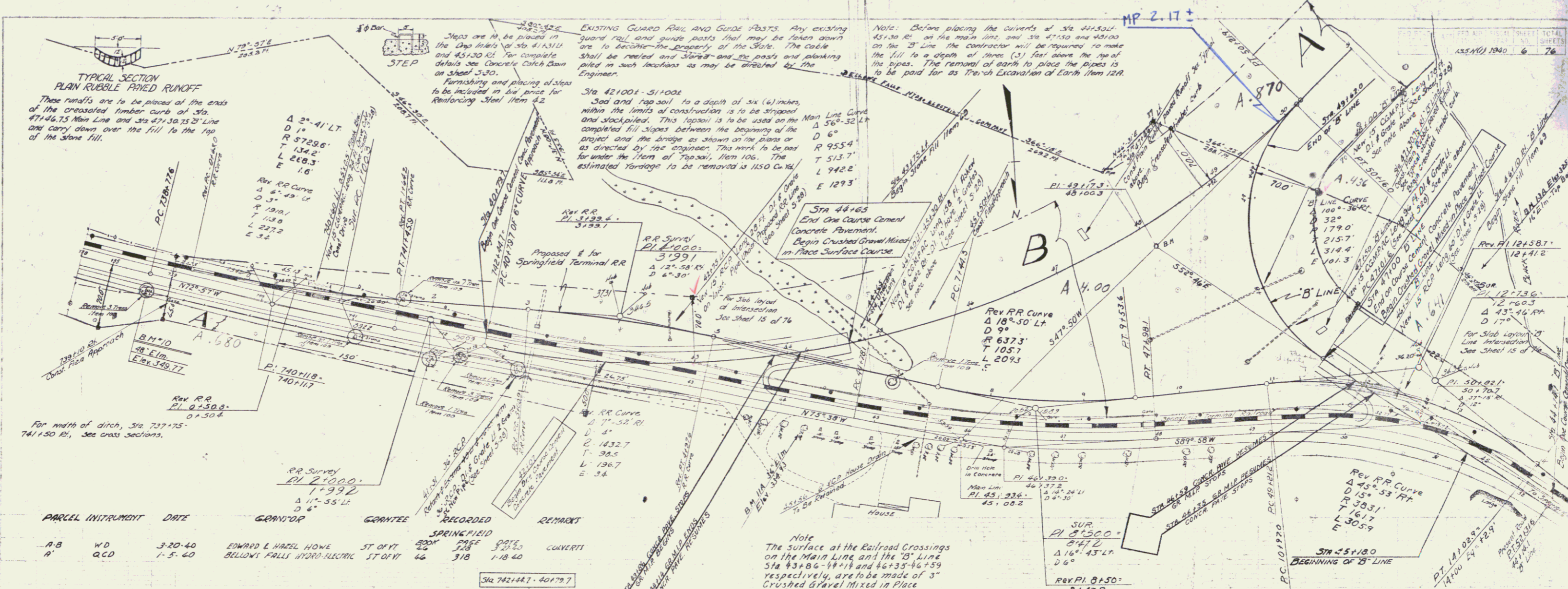
The contractor to be required to remove the logs to the neat lines as shown on the plans from Sta. 688+50 to Sta. 696+00 and use this rock in the item of Stone Fill, Item 69. Any earth excavation that is removed in this work shall be paid for under the item of Common Excavation including Bottom, Item 10-11, and used in the embankments on the project. Any trees removed shall be paid for either under Item 10-11 or under Item 109 in accordance with the specifications and special provisions. All rock thus removed will be paid for only under the item of Stone Fill, Item 69.

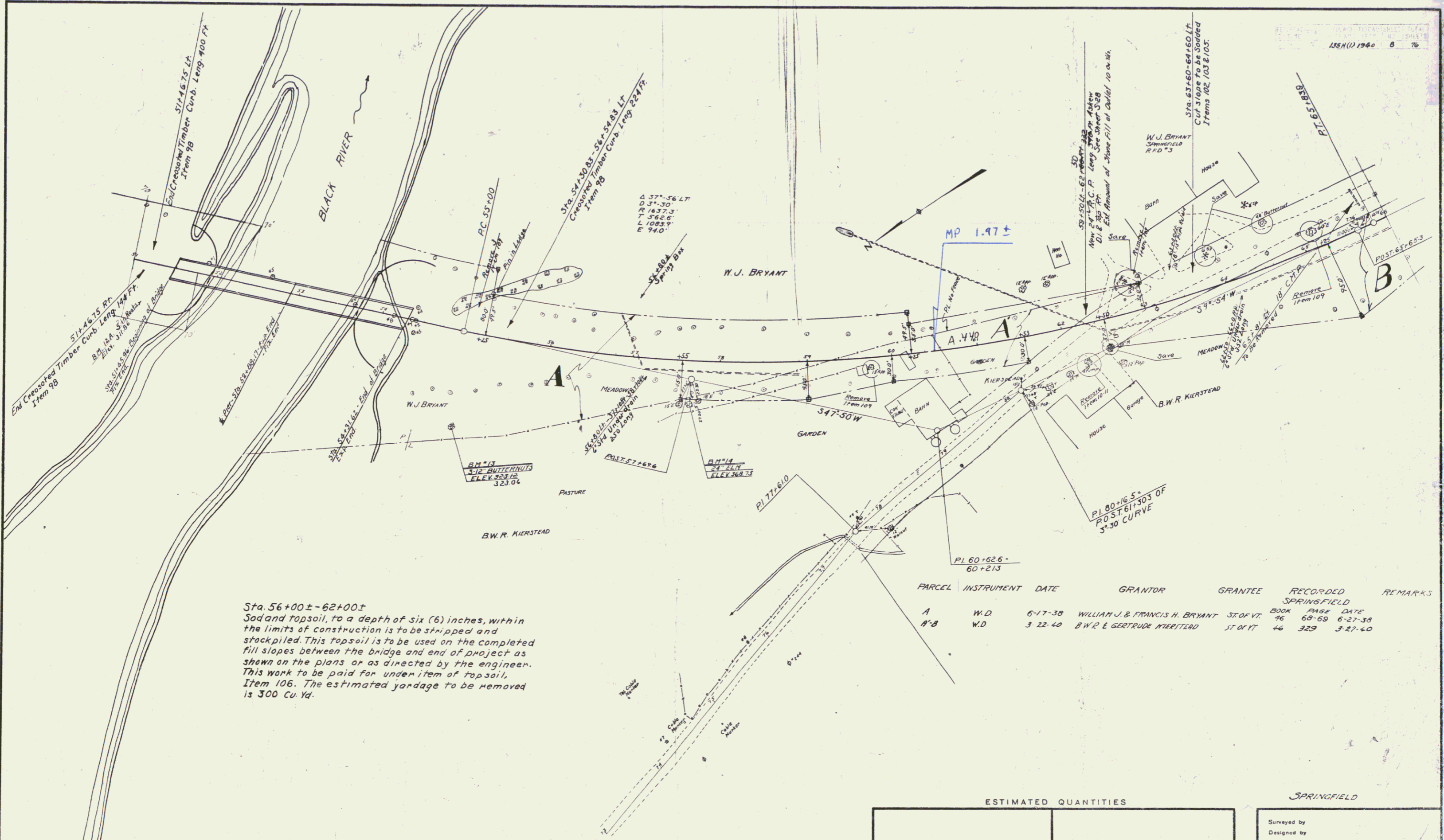
The contractor will be required to move and reset the two monuments on the right of Sta. 691+50 in accordance with the provision as set up in the note on the plans.

The contractor will be required to complete the excavation between the stations noted above to the neat lines but will not be required to place any sub-base. Any damage that he may do to the present road on account of the necessary construction operations shall be required at the contractor's own expense. Est. Rock 3900 Cu Yd.

See Sheets 14 & 14 A Plan & Profile
65 - 76 Cross Sections

B.M.#6 SPIKE IN ROOT OF 24" THIN PINE 50 FT RT OF STA 723+37 ELEV 376.55
 B.M.#7 SPIKE IN ROOT OF 15" OAK 47 FT RT OF STA 729+22 ELEV 391.41
 B.M.#8 SPIKE IN ROOT OF 12" ELM 20 FT LT OF STA 728+13 (SPUR LINE) ELEV 355.26
 B.M.#9 SPIKE IN ROOT OF 15" ELM 35.5 FT LT OF STA 731+76 ELEV 356.36

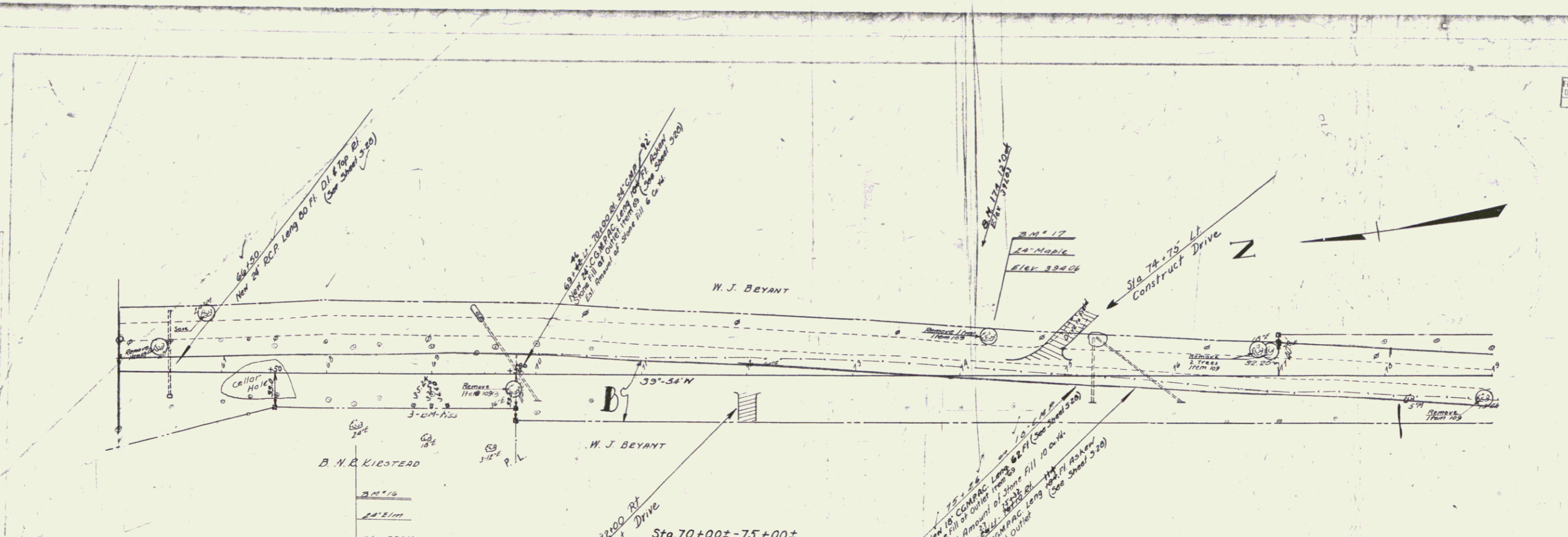




Sta. 56+00±-62+00±
 Sod and topsoil, to a depth of six (6) inches, within the limits of construction is to be stripped and stockpiled. This topsoil is to be used on the completed fill slopes between the bridge and end of project as shown on the plans or as directed by the engineer. This work to be paid for under item of topsoil, Item 106. The estimated yardage to be removed is 300 Cu. Yd.

| PARCEL | INSTRUMENT | DATE | GRANTOR | GRANTEE | RECORDED | REMARKS |
|--------|------------|---------|--------------------------------|------------|--------------------|---------|
| A | W.D. | 6-17-38 | WILLIAM J. & FRANCIS H. BRYANT | ST. OF VT. | BOOK 96 PAGE 62-38 | |
| A-B | W.D. | 3-22-40 | B.W.R. & GERTRUDE KIERSTEAD | ST. OF VT. | 46 329 3-27-40 | |

| ESTIMATED QUANTITIES | | SPRINGFIELD | |
|----------------------|--|----------------------------------|--|
| | | Surveyed by | |
| | | Designed by | |
| | | Drawn by | |
| | | Traced by | |
| | | Checked by | |
| | | Series F.P.P. No. 1354 (1) Filed | |
| | | Sheet 8 of 75 Sheets | |



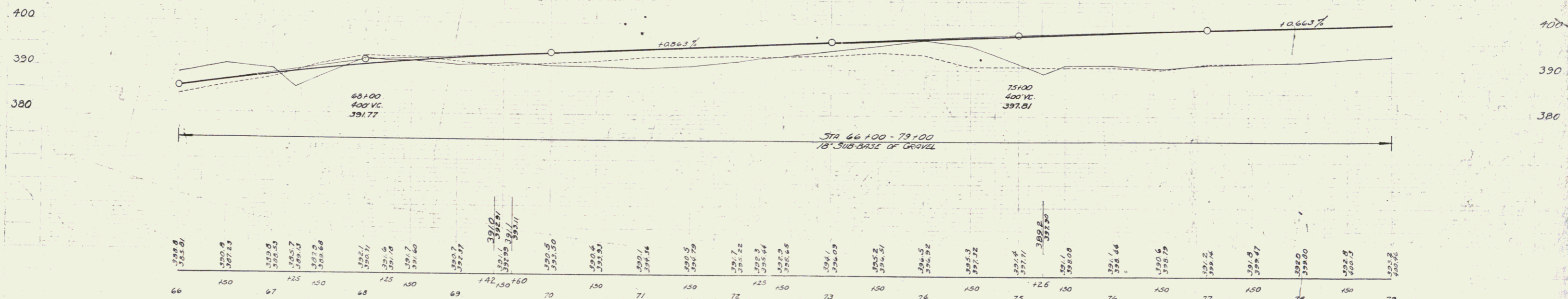
Sta. 67+00±-69+00±
If required by the engineer during construction of road foundation material in this section to be removed and backfilled with suitable borrow. This to be paid for as Common Excavation Inc. Borrow Item 10-11.

NOTE: The swamp area on the right of Sta. 69+00± is to be filled with common excavation including borrow so as to eliminate any water pockets which might otherwise exist.

Sta. 70+00±-75+00±
Sod and top soil, to a depth of six (6) inches, within the limits of construction is to be stripped and stockpiled. This top soil is to be used on the completed fill slopes between the bridge and the end of project as shown on the plans or as directed by the engineer. This work to be paid for under the Item of top soil, Item 106. The estimated yardage to be removed is 350 Cu. Yd.

New 10' COMPACT LONG 66" DI. PILL 10' DIA. (See Sheet 72A)
New 8' COMPACT LONG 48" DI. PILL 8' DIA. (See Sheet 72A)
New 6' COMPACT LONG 36" DI. PILL 6' DIA. (See Sheet 72A)
STORE PILL AT OUTER

| PARCEL | INSTRUMENT | DATE | GRANTOR | GRANTEE | RECORDED | REMARKS |
|--------|------------|--------|-------------------------------|-----------|---|----------------------|
| 8 | W.D. | 6-7-38 | WILLIAM J & FRANCIS H. BEYANT | ST. OF VT | SPRINGFIELD BOOK PAGE DATE 46 68-69 6-27-38 | COLL. OF 66+50-75+75 |



B.M. 16 SPIRE IN ROOT OF 24' ELM 45' RT STA 66+28 ELEV 391.10
B.M. 17 " " " " 24' MAPLE 33' LT " 74+23 ELEV 396.06

