| FED. ROAD DIST. NO. | STATE | PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---|---|---|---|---|---|
| 9 | VT | S 70(1) | | 1 | 48 |

# STATE OF VERMONT
# STATE HIGHWAY DEPARTMENT

# PLAN AND PROFILE OF PROPOSED STATE HIGHWAY

## INDEX OF SHEETS


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" " 3 BANKING AND WIDENING TABLES
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" " 22 STANDARD STRUCTURE SHEET S 18-30 (H 20)
" " 23 STANDARD STRUCTURE SHEET SB-50-1
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28-48 CROSS SECTIONS


STANDARD STRUCTURE SHEETS APPROVED BY THE CHIEF ENGINEER, VERMONT STATE DEPARTMENT OF HIGHWAYS

S-40 FEB. 28, 1949
S-46-45 FEB. 28, 1949
S-47-45 FEB. 28, 1949

## TOWN OF SUDBURY

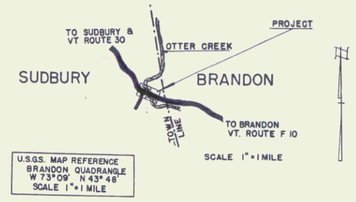
Rte VT 73

VERMONT ROUTE F 10
SUDBURY-BRANDON ROAD
BRIDGE OVER OTTER CREEK

BEGINNING AT A POINT 1,515 FEET NORTHWESTERLY OF THE BRANDON-SUDBURY TOWN LINE AND EXTENDING NORTHWESTERLY 2,450 FT. ON ROUTE F 10

LENGTH OF BRIDGE 237.0 FT. = .045 MILE
LENGTH OF ROADWAY 2,213.0 FT. = .419 MILE
LENGTH OF PROJECT 2,450.0 FT. = .464 MILE

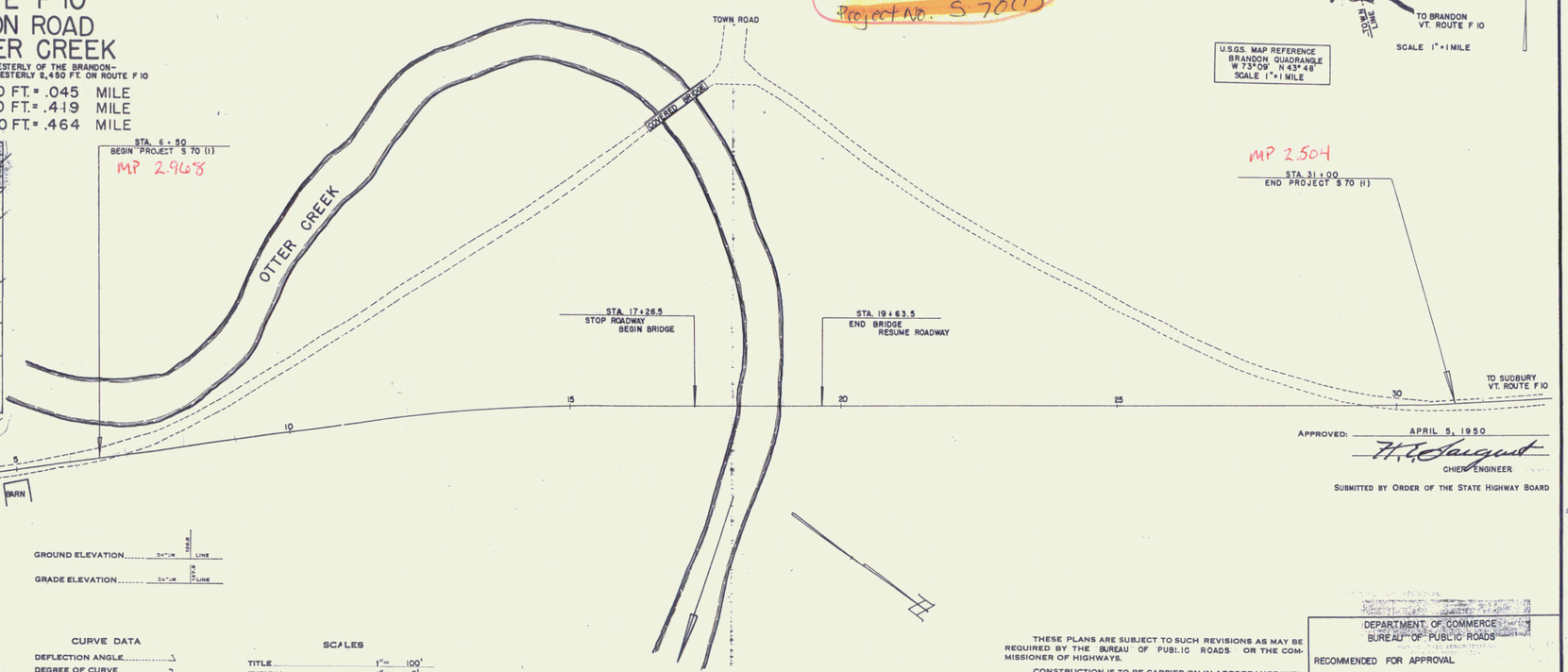
Pin # 00R 789
Project No. S 70(1)




U.S.G.S. MAP REFERENCE
BRANDON QUADRANGLE
W 73°09' N 43°48'
SCALE 1" = 1 MILE

| NAME and NUMBER | TYPE |
|---|---|
| Sudbury-Route F10 S70(1) Vt Cont Rep. 30 Rdwy. 9.7% Sand Toilet | |
| RECORD BLANK | |
| MATERIALS | |
| Cement | Iron Clad Mill, Glens Falls |
| Subbase of Sand | Leicester Pit, Jct Road |
| Sub-base of Gravel | Hoback Pit, Brandon Vill. |
| Aggregate for Conc. | Backers Plant |
| Crushed Gravel Sub-base | Brandon Town Pit |
| Sand for Sub-base | Angell Pit, Brandon |
| Reinforcing Steel | Bethlehem Steel Co. |
| Refined Tar | Koppers, Everett, Mass. |
| Bit. Conc. Part | Municipal Plant, Burlington |
| Agg. for Bit. Part | Amy Plant, Burlington |
| Paint | E.W. Weissner, Burlington |
| Cut Back Asphalt | Soc. Vac. E. Providence |
| Contractor | M. J. Burrington |
| Res. Eng. | M. H. Churchill |
| Record Plans | J. F. K. |
| Contract Dated | Sept. 18, 1950 |
| Construction Began | Oct. 23, 1950 |
| Construction Suspended | Dec. 18, 1951 |
| Resumed | April 28, 1952 |
| Construction Completed | Sept. 8, 1952 |
| Structural Steel | Vermont Structural Steel Co. |

SUDBURY-ROUTE F10 S70(1)
CONTRACTOR M. J. BURRINGTON
CONSTRUCTION COMPLETED SEPT. 8, 1952




APPROVED: APRIL 5, 1950
H. C. Vaugnt
CHIEF ENGINEER

SUBMITTED BY ORDER OF THE STATE HIGHWAY BOARD

COUNTY LINE
TOWN LINE
FENCE LINE
STONE WALL
UNFENCED PROPERTY
GUARD RAIL
TRAVELED WAY
RAILROAD
RETAINING WALL
CENTER LINE — 30 PC 30+25
SURVEY LINE
CULVERT
DROP INLET
TROLLEY POLE
POWER POLE
TELEPHONE POLE
TREES
HEDGE

GROUND ELEVATION — DATUM — 1929 — LINE
GRADE ELEVATION — DATUM — 1929 — LINE

### 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" = | 2' |
| PLAN | 1" = | 50' |
| PROFILE HORIZONTAL | 1" = | 50' |
| PROFILE VERTICAL | 1" = | 10' |
| CROSS SECTIONS | 1" = | 5' |

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.

DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS
RECOMMENDED FOR APPROVAL
DISTRICT ENGINEER — DATE
APPROVED
DIVISION ENGINEER — DATE

| APPROVED JAN. 30, 1950 | APPROVED JAN. 31, 1950 | APPROVED April 5, 1950 | SERIES S NO. 70 (1) FILED |
|---|---|---|---|
| E. O. Sisley | N. C. Marsett | Earl R. Milk | SHEET 1 OF 48 |
| BRIDGE ENGINEER | HIGHWAY ENGINEER | DISTRICT HIGHWAY COMMISSIONER | |