FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
9	VT.	104-A	1928	1	15

INDEX OF SHEETS

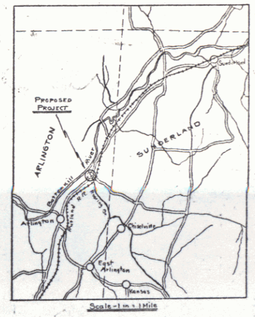
SHEET NO. 1 TITLE PAGE
" " 2 TYPICAL CROSS-SECTION OF IMPROVEMENT 24' GRAVEL
" " 3 PLAN AND PROFILE STA. -2+00 TO 1+00
" " 4 " " " " 1+00 - 5+00
" " 5 SUPERSTRUCTURE DETAILS
" " 6-11 SUBSTRUCTURE DETAILS
" " 12 TYPICAL DETAILS FOR STEEL BRIDGES SB 1
" " 13-15 CROSS SECTIONS
" " 15A STANDARD STRUCTURE SHEET S-19

STATE OF VERMONT

STATE HIGHWAY DEPARTMENT

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY

FEDERAL AID PROJECT



TOWN OF ARLINGTON

BENNINGTON-MANCHESTER ROAD

Pin# 99R774

See 99R775 Sheet 25 of 98 B-15

MEARS BRIDGE OVER ROARING BRANCH

LOCATED 0.8 MILES NORTH OF ARLINGTON VILLAGE

LENGTH 698.2 FEET = 0.132 MILES

Project No. F 104-A

Route: VT-7A

SCALES

PLAN 1 IN. = 20 FEET
PROFILE { VERT. 1 IN. = 20 FEET
HORIZ. 1 IN. = 20 FEET
CROSS SECTIONS 1 IN. = 5 FEET

LAYOUT

SEE SHEET 3-4

APPROVED: APRIL 3, 1928

R. Sargent
CHIEF ENGINEER

SUBMITTED BY ORDER OF THE STATE HIGHWAY BOARD
APRIL 3, 1928

S. B. Pettis
COMMISSIONER OF HIGHWAYS

CONVENTIONAL SIGNS

COUNTY LINE
TOWN LINE
FENCE LINE
STONE WALL
UNFENCED PROPERTY
GUARD RAIL
TRAVELED WAY
RAILROAD
RETAINING WALL
CENTER LINE — 30 — PC 30+65
SURVEY LINE
CULVERT
DROP INLET
TROLLEY POLE
POWER POLE
TELEPHONE POLE
TREES
HEDGE

GROUND ELEVATION ..... DATUM ..... 1000.0 LINE
GRADE ELEVATION ..... DATUM ..... 1.5 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.

This project to be constructed in accordance with Standard Specifications on file with the U.S. Bureau of Public Roads

Structures on this project to be constructed in accordance with details given on Standard Structure Sheets Series Nos. 517-18-19

STA. -2+00 MP 4.826 — STA. 5+00 MP 4.694

DISTRICT	No. 1
BRIDGE	No. 24-4
ARLINGTON	

RECOMMENDED
DISTRICT ENGINEER — BUREAU OF PUBLIC ROADS

RECOMMENDED FOR APPROVAL
CHIEF ENGINEER — BUREAU OF PUBLIC ROADS

APPROVED
DIRECTOR - BUREAU OF PUBLIC ROADS

SERIES F. NO. 104-A FILED 24-4

SHEET 1 OF 15

MP 4.75
RIGHT-OF-WAY DIVISION
TOWN FILE
PERPETUAL
TOWN OF
[To be Returned To R.O.W. Division]
B-15