FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
9	VT.	15-G	1929	1	97

INDEX OF SHEETS

SHEET NO. 1 TITLE PAGE
" " 2 TYPICAL CROSS-SECTION OF IMPROVEMENT } ONE COURSE CEMENT CONCRETE
" " 3 DETAILS OF CONSTRUCTION } PAVEMENT - TYPE B
4-28 PLAN AND PROFILE SHEETS
29 STANDARD STRUCTURE SHEET - S-20 (PIPE CULVERTS)
30 " " " - S-21 (BOX " ")
31 " " " - S-22 (GUARD RAIL, ETC.)
32 " CULVERT SHEET - S.C.-1 (BOX CULVERTS - 5'X5' AND OVER)
BRIDGE STA. 84+02.7 - STA. 85+32.7: 33 " BRIDGE SHEET - S.T.B-20 - 35 FEET; 34 " " " - S.T.B-20 - 50 FEET; 35 DETAILS OF BALUSTRADE RAIL & SIDEWALK; 36 " " " " "
37-38-39-40 SUBSTRUCTURE SHEETS
41 SUBSTRUCTURE SHEET - S.B.-2
42 & 42A " " - S.B.-2A & S.B.-3 (SKEW)
42 B SKEWBACK SLAB DETAILS
BRIDGE STA 308+64: 46 LAYOUT; 47 STANDARD BRIDGE SHEET - S.L.B.-20 - 14 FOOT SPAN - C.R.; 48 ABUTMENT EXTENSION - S.L.A.G. - H=10 FEET
49-97 CROSS SECTIONS

RIGHT-OF-WAY DIVISION
TOWN FILE
PERPETUAL
Rte. of Town U5
(To Be Returned To R.O.W. Division)

STATE OF VERMONT
STATE HIGHWAY DEPARTMENT

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY

FLOOD RELIEF PROJECT

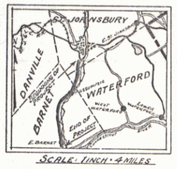
TOWNS OF ST. JOHNSBURY - WATERFORD - BARNET

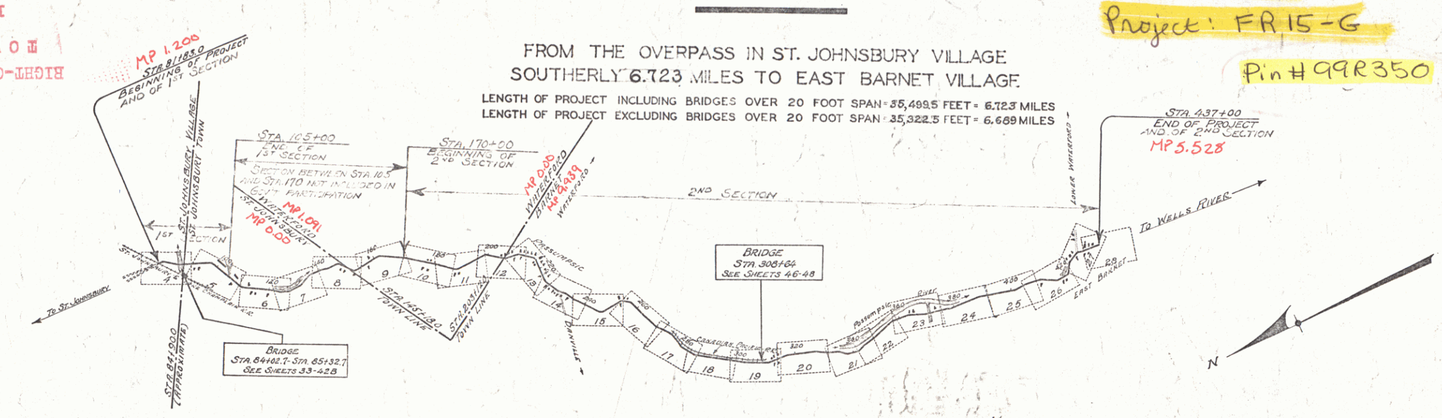
ST. JOHNSBURY · WELLS RIVER ROAD

Route: US5
Project: FR 15-G
Pin # 99R350

FROM THE OVERPASS IN ST. JOHNSBURY VILLAGE
SOUTHERLY 6.723 MILES TO EAST BARNET VILLAGE

LENGTH OF PROJECT INCLUDING BRIDGES OVER 20 FOOT SPAN = 35,499.5 FEET = 6.723 MILES
LENGTH OF PROJECT EXCLUDING BRIDGES OVER 20 FOOT SPAN = 35,322.5 FEET = 6.669 MILES





Note: The General Layout of this Project contemplates the use of the Gravel Material obtained as excavation from Sheets 6 & 8 to be used from the beginning of the Project to approximately Sheet 16. This makes it possible to eliminate some base over this section as a paid item of Sub-base of Gravel and obtain an equivalent construction from Common Excavation.

Over the rest of the project the grade is kept 2' or 3' higher than the old road in order that acceptable Excavation or Borrow may be used instead of sub-base of Gravel.

SCALES

LAYOUT	1" = 2000'
PLAN	1" = 50'
PROFILE	Hor 1" = 50'; Vert 1" = 10'
CROSS SECTIONS	1" = 5'

Note: Section between Sta. 105 and Sta. 170 not included in Govt participation.

This Project to be constructed in accordance with Standard Specifications on file with the U.S. Bureau of Public Roads as approved July 7 1926.
These plans subject to such revisions as may be required by the Bureau of Public Roads or the Chief Engineer.

Attention of the Contractor is called to the following items that are modified from the General Specification requirements:
1. Drop Inlet Grates
2. Stone Fill
3. Corrug. Galv. Metal Pipes with Paved Inverts.

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 ..... TREE LINE
GRADE ELEVATION ..... DATUM ..... TOP 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.

APPROVED: APRIL 20, 1929
A E Laugaut
CHIEF ENGINEER

SUBMITTED BY ORDER OF THE STATE HIGHWAY BOARD
APRIL 20, 1929
S B Ali
COMMISSIONER OF HIGHWAYS

RECOMMENDED
DISTRICT ENGINEER — BUREAU OF PUBLIC ROADS

RECOMMENDED FOR APPROVAL
CHIEF ENGINEER — BUREAU OF PUBLIC ROADS

APPROVED
DIRECTOR - BUREAU OF PUBLIC ROADS

SERIES F.R. No. 15-8 FILED
SHEET 1 OF 97

IMPERIAL TRACING CLOTH
EUGENE DIETZGEN CO., INCO., N. Y.