

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
9	VT.	86-C	1932	1	110

**INDEX OF SHEETS**

SHEET NO. 1 TITLE PAGE

2 TYPICAL CROSS-SECTION OF IMPROVEMENT (ONE COURSE CEMENT CONCRETE PAVEMENT)

3 DETAILS OF CONSTRUCTION

3-A-3-B GRAVEL SURFACE COURSE & BANKING TABLE

4-32 PLAN AND PROFILE SHEETS

33 STANDARD STRUCTURE SHEET S.C.-1 BOX CULVERTS

34 " " " " 5-20 PIPE CULVERTS

35 " " " " 5-21 BOX CULVERTS

36 " " " " 5-22 GUARD RAIL

37 " " " " 5-23 CURB & GUTTER

38 S.L.B.-20 C.C. 18' Span Square

39 30' x 30' No Square without Piles H. 20'

40 S.P.R.-2 6x6 Piles S.206, S.229, S.221

41 S.P.R.-26 5x5x5 Piles

42 S.P.S. 2x5 S.241

43-110 Cross Sections

BRIDGE STA. 845+12

**STATE OF VERMONT  
STATE HIGHWAY DEPARTMENT**

**PLAN AND PROFILE OF PROPOSED  
STATE HIGHWAY**

FEDERAL AID PROJECT

Pin # 99R218

**TOWNS OF LYNDON AND BURKE** Project: FAP 86

**ON U.S. ROUTE 5, BETWEEN ST. JOHNSBURY AND NEWPORT.**

FROM THE CREAMERY BRIDGE IN LYNDONVILLE

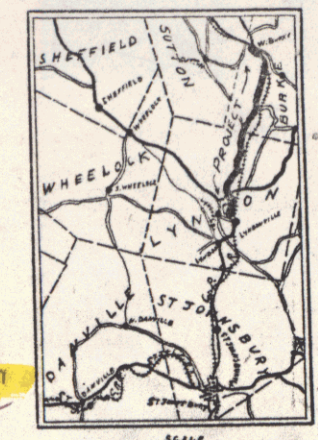
NORTH 7.658 MILES TO THE BURKE-SUTTON TOWN LINE

LENGTH OF CONCRETE PAVEMENT 39236.0 FT. 7431 MILES

LENGTH OF GRAVEL SURFACING 1200.4 FT. 0.227 MILES

TOTAL LENGTH OF CONTRACT 40436.4 FT. 7658 MILES

LENGTH OF GOV'T. PARTICIPATION 39440.4 FT. 7469 MILES



U.S.-5



**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

HEDGES

**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 PAGE 1" = 1500'

PLAN 1" = 50'

PROFILE HOR. 1" = 50'

VERT. 1" = 10'

SECTIONS HOR. 1" = 5'

VERT. 1" = 5'

CONCRETE PAVEMENT  
LENGTH OUT TO 20 FT.  
CLEAR DRAIN 20 FT.  
ROADWAY 20 FT.  
RESERVE CONSTRUCTION IN  
AS PART OF THE ROAD  
BRIDGE NOT INCLUDED  
IN LENGTH OF PROJECT

MP 7.012 MP 0.60

RIGHT-OF-WAY DIVISION  
TOWN FILE  
PERPETUAL  
Town of U.S.S.

These plans subject to such  
revisions as may be required by  
the Bureau of Public Roads or  
the Chief Engineer.

Be Returned To R.O.W. Division

CORRECT.  
ROAD ENGINEER

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. 86-C FILED  
SHEET 1 OF 110

DIST. # 7 PLANS