

FED. ROAD DIST. NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
9	VT.	77-J	1936	1	33

INDEX OF SHEETS

SHEET NO. 1 TITLE PAGE

2 TYPICAL CROSS-SECTION OF IMPROVEMENT

3 Details of construction Banking & widening Cables.

4-7 Layouts

8 Series S 30 Cable Guard Rail

9 S 28 Pipe Culverts

10 S 18 No 28-79 Use 70' Span 60° Skew (Span 1+3 Use C&B 3 1/2" x 20" or equiv.)

11 S 8 No 60 Blast Plate

12 - - - Piers

13 - - - Abutments

14 S B No 59 Cable Rail

15 S B No 20 Typical Details (details S103, S105, S108, S109, S111, S112, Gen. Notes)

16 S B No 21 Typical Details (details S114 (Modify A Bars 16 22' 2" 19) S116)

17 S B 11 Barricades, Lights, etc.

18-33 Cross Sections

Standard Structures Sheet Series S No 30, approved by the Chief Engineer on August 15, 1933.

Standard Structure Sheet Series S No 28, approved by the Chief Engineer on July 11, 1933.

**STATE OF VERMONT
STATE HIGHWAY DEPARTMENT**

**PLAN AND PROFILE OF PROPOSED
STATE HIGHWAY
TOWN OF HARTLAND
HARTLAND OVERPASS**

U. S. WORKS PROGRAM GRADE CROSSING PROJECT NO. WPGH 77-J

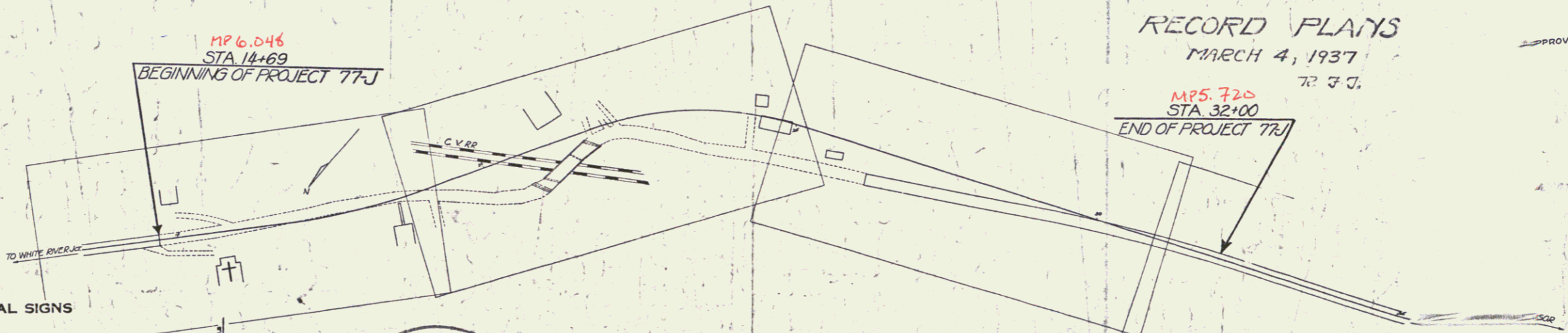
Route: US5
Project: WPGH 77-J
Pin# 99R330

BEGINNING 1.4 MILES SOUTH OF THE HARTLAND
HARTFORD TOWN LINE AND EXTENDING SOUTHERLY
1738.3 FEET = 0.329 MILES



LENGTH OF BRIDGE	222.0 FEET = 0.042 MILES
LENGTH OF APPROACHES	935.3 FEET = 0.177 MILES
LENGTH OF ROADWAY	581.0 FEET = 0.110 MILES
LENGTH OF PROJECT	1738.3 FEET = 0.329 MILES

(To Be Returned to H.O.M. Division)
 U.S. DISTRICT COURT
 DISTRICT OF VERMONT
 HARTLAND
 DISTRICT OF VERMONT
 DISTRICT OF VERMONT



RECORD PLAYS
MARCH 4, 1937
77 J J.

APPROVED
S. B. Pres. Control Vermont
77 J J.
COMMISSIONER
SUBMITTED BY ORDER OF THE

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	-----

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" = 20'
Profile	1" = 20'
Cross Sections	1" = 5'

These plans are subject to such revisions as may be required by the Bureau of Public Roads and the Commissioner of Highways. Construction is to be carried on in accordance with the plans and standard road and bridge specifications of 1930, all subsequent approved revisions, the National Recovery Act special provisions, and such revised specifications and special provisions as are submitted with the plans.

11136

RECOMMENDED
DISTRICT ENGINEER

RECOMMENDED FOR APPROVAL
CHIEF ENGINEER

APPROVED
LECTOR-BUREAU

SERIES WPGH
SHEET