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

S 40 JUNE 10, 1950

STATE OF VERMONT  
STATE HIGHWAY DEPARTMENT

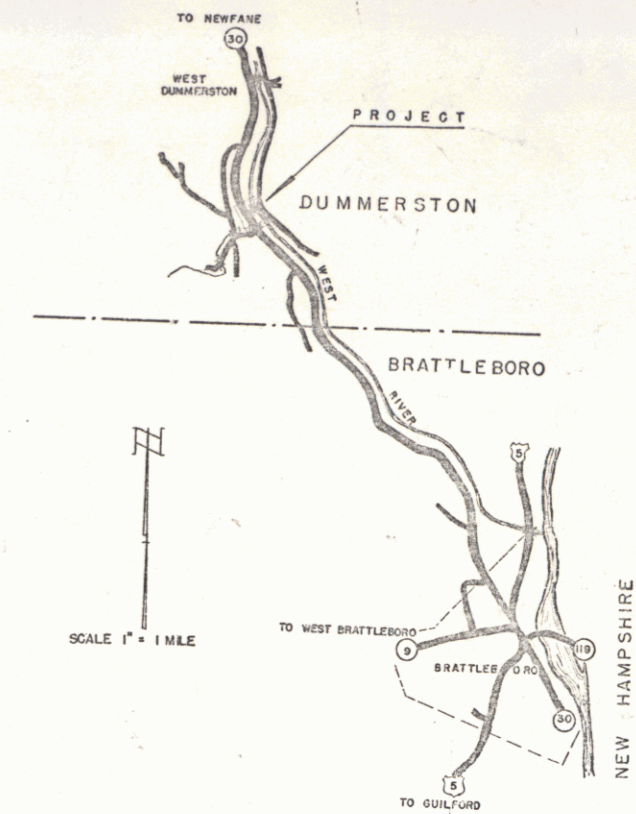
PLAN AND PROFILE OF PROPOSED  
STATE HIGHWAY

TOWN OF DUMMERSTON  
COUNTY OF WINDHAM  
VERMONT ROUTE 30  
BRATTLEBORO-NEWFANE ROAD  
BRIDGE OVER STICKNEY BROOK

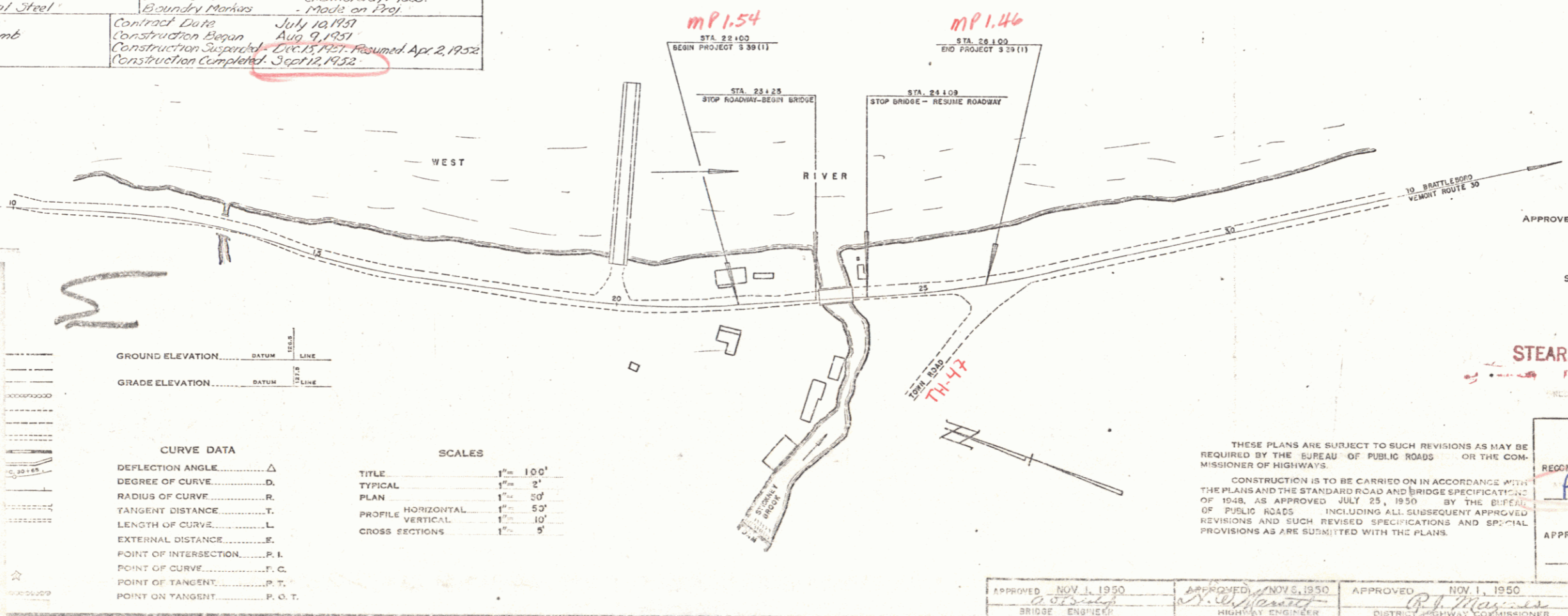
BEGINNING AT A POINT APPROXIMATELY 1.38 MILES NORTHERLY OF THE BRATTLEBORO-DUMMERSTON TOWN LINE AND EXTENDING SOUTHERLY 400.0 FEET.

LENGTH OF ROADWAY 316.0 FEET = 0.0598 MILE  
LENGTH OF BRIDGE 84.0 FEET = 0.0159 MILE  
LENGTH OF PROJECT 400.0 FEET = 0.076 MILE

NAME AND NUMBER	TYPE
Dummerston - Tafts Bridge - S-39 (1)	WF Beam Cox Floor - 30'0" R/Wy. 84'0" Span 2" Curve Br Railings
RECORD PLANS	
MATERIALS	
Sub-base & Gravel - Tafts Pk	Asphaltic Asbestos Coating - Mixed on Proj.
Reinforced Concrete - Aggers Co.	Stone Filling - Granite Quarry
Bit. Coat. - Lotts Asphalt Greenfield	Rip-rap - Granite Quarry
Concrete - Brattleboro Sand & Gravel	Five Post Guard Rail - Warner-Grosveld
Reinforced Steel - Bethlehem Steel Co.	Granite Curb - Chelmsford, Mass.
Struct. Steel - Vt. Structural Steel	Boundary Markers - Made on Proj.
Contractor - Wm. H. Morse	Contract Date - July 10, 1950
Res. Engineer - Charles A. Plumb	Construction Began - Aug. 9, 1950
Record Plans - J.F. Keper	Construction Suspended - Oct. 1950, Resumed Apr. 2, 1952
	Construction Completed - Sept. 12, 1952



DUMMERSTON (TAFTS BR) S-39 (1)  
 CONTRACTOR - WM. H. MORSE  
 CONSTRUCTION COMPLETED - SEPT. 12, 1952  
 PROJECT DUMMERSTON  
 SHEET NO. 5-39 (1)  
 LENGTH 0.076 MILE  
 TITLE WF BEAM 84'0" SPAN  
 ESTABLISHED Wm. H. Morse  
 DATE Sept 12 1952  
 LOCATION Route #30 Brattleboro - Newfane Road



GROUND ELEVATION ..... DATUM ..... LINE .....  
GRADE ELEVATION ..... DATUM ..... 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" = 5'
PLAN	1" = 50'
PROFILE HORIZONTAL	1" = 50'
PROFILE VERTICAL	1" = 10'
CROSS SECTIONS	1" = 5'

APPROVED: NOV. 6, 1950  
*H. Laughton*  
CHIEF ENGINEER  
SUBMITTED BY ORDER OF THE STATE HIGHWAY BOARD

STEARNS R. JENKINS

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, 1950, 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  
Pin # 00R345  
DISTRICT - ENGINEER DATE

APPROVED NOV. 1, 1950 BRIDGE ENGINEER  
APPROVED NOV. 5, 1950 DISTRICT HIGHWAY ENGINEER  
APPROVED NOV. 1, 1950 DISTRICT HIGHWAY COMMISSIONER  
PROJECT NO. 390 FILED  
SHEET 0 OF 5