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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

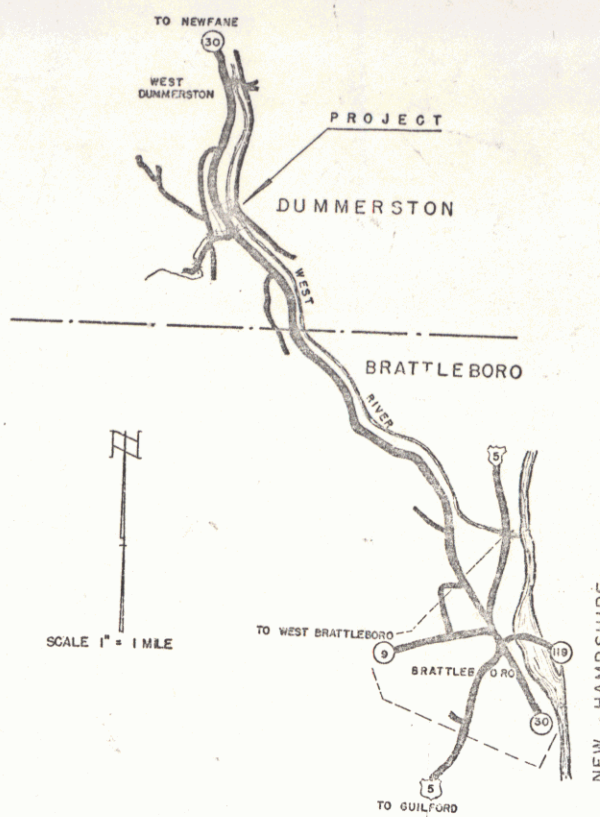
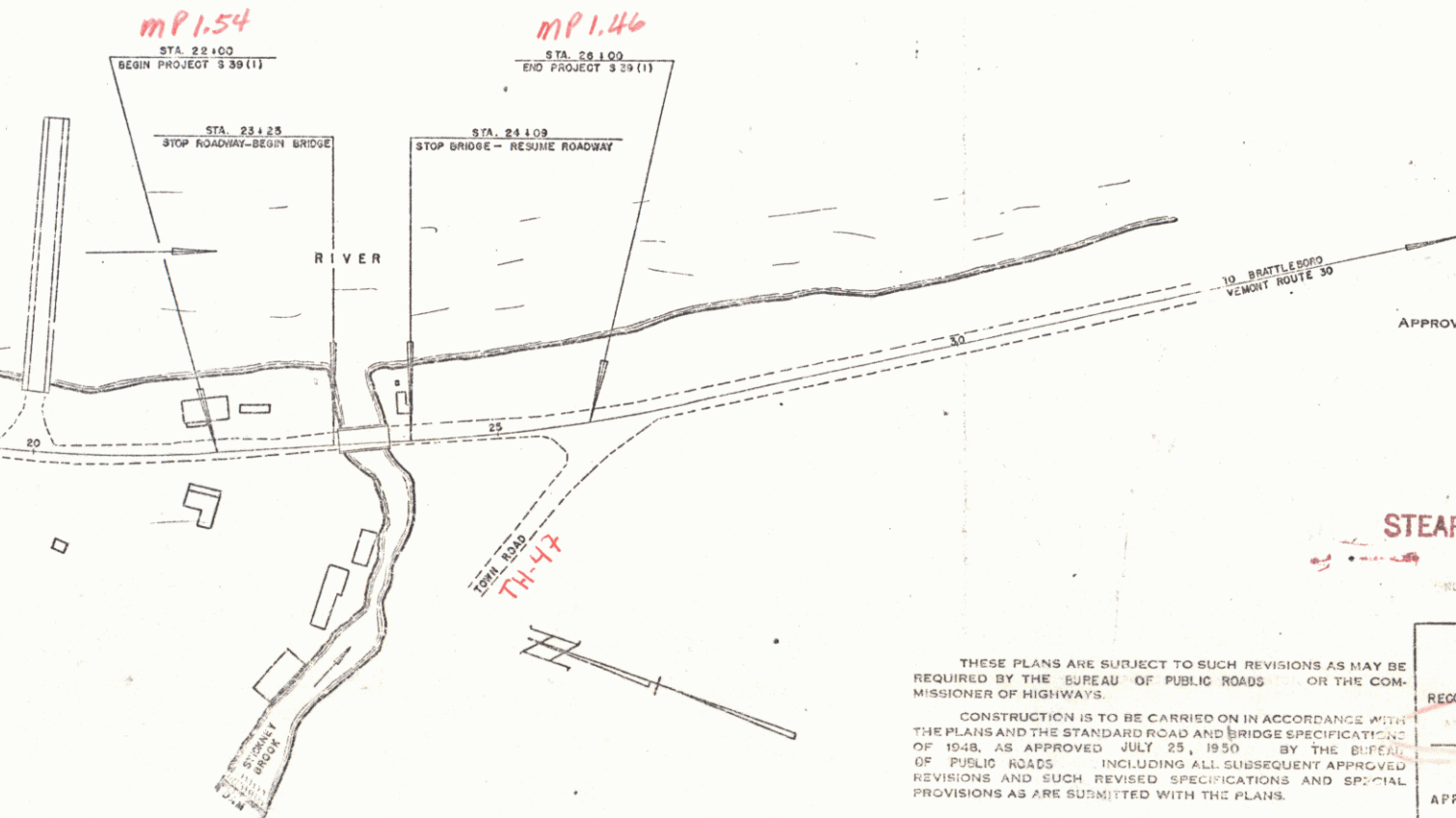
NAME AND NUMBER	TYPE
Dummerston - Tafts Bridge - S-39 (1)	W. Beam Conc. Floor - 30'0" Rthwy. 84'0" Span 2" Curve Br. Railing
RECORD PLANS	
MATERIALS	
Sub-base & Gravel - Tafts Pk.	Asphaltic Asbestos Coating - Mixed on Proj.
Reinforced Concrete - Agassiz Co.	Stone Fill - Granite Quarry
Bit. Conc. - Lutz Asphalt Greenfield	Riprap - Granite Quarry
Concrete - Brattleboro Sand & Gravel	Two Rock Guard Rail - Warner-Ginsweld
Reinforced Steel - Bethlehem Steel Co.	Granite Curb - Chelmsford, Mass.
Struct. Steel - W. Structural Steel	Boundary Markers - Made on Proj.
Contractor - W. 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. 1, 1950
	Construction Resumed - Apr. 2, 1952
	Construction Completed - Sept. 12, 1952

DUMMERSTON (TAFTS BRIDGE) S-39 (1)
CONTRACTOR - W. H. MORSE
CONSTRUCTION COMPLETED - SEPT. 12, 1952

PROJECT	DUMMERSTON
SHEET	5 39 (1)
DATE	W. H. MORSE 84'0" SPAN
DESIGNER	W. H. MORSE
ENGINEER	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.	

TITLE	1" = 100'
TYPICAL	1" = 5'
PLAN	1" = 50'
PROFILE	1" = 10'
CROSS SECTIONS	1" = 5'



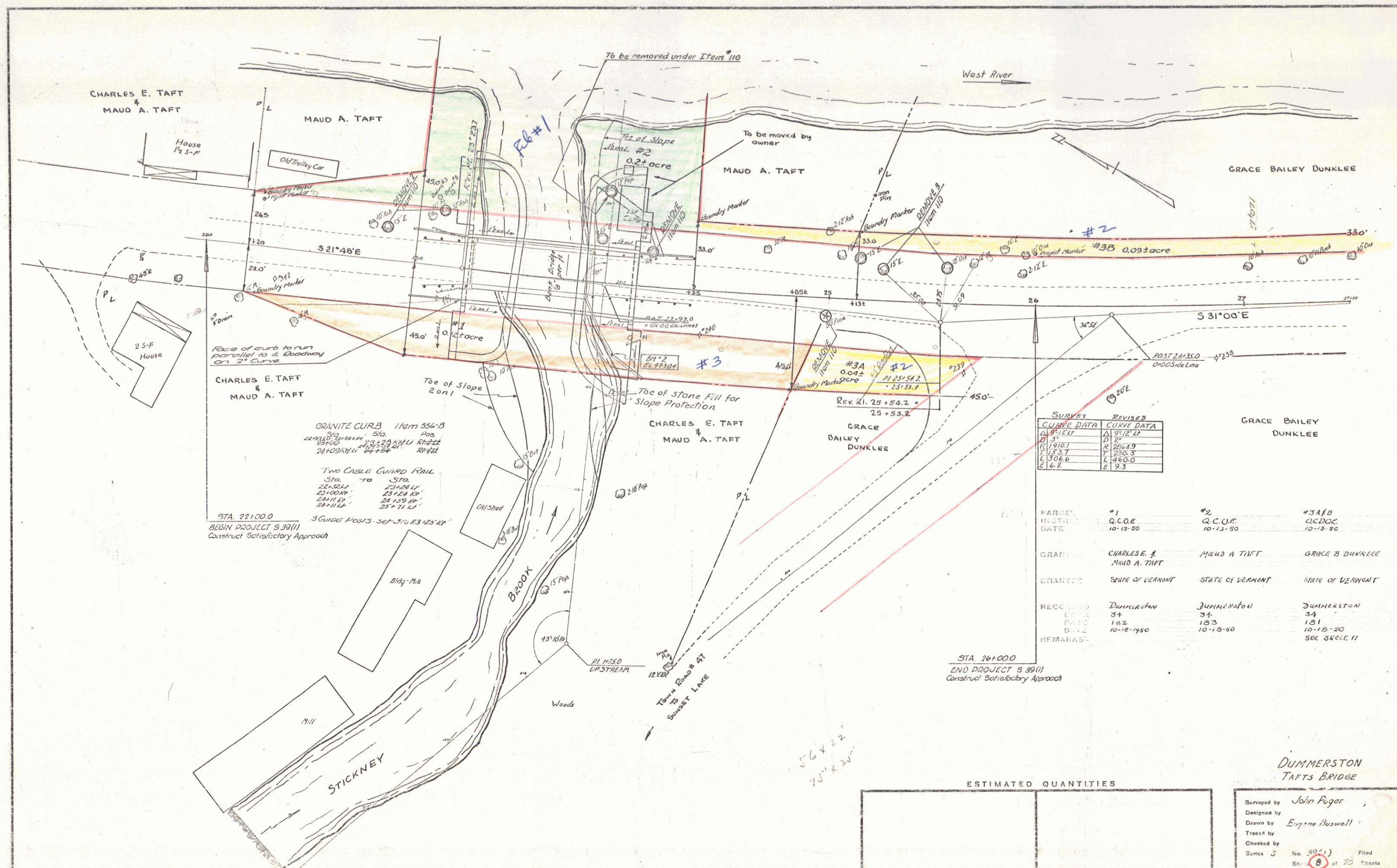
APPROVED: NOV. 6, 1950
H. Jenkins
CHIEF ENGINEER
SUBMITTED BY ORDER OF THE STATE HIGHWAY BOARD

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 G. W. Keper BRIDGE ENGINEER	APPROVED NOV. 5, 1950 W. H. Morse HIGHWAY ENGINEER	APPROVED NOV. 1, 1950 R. H. Maynard DISTRICT HIGHWAY COMMISSIONER	PROJECT NO. 390 SHEET 5 OF 5
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FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
9	VT.				

