

INDEX OF SHEETS

SHEET NO. 1	TITLE PAGE
" 2	TYPICAL CROSS-SECTION OF IMPROVEMENT (24' GRAVEL)
" 3	PLAN AND PROFILE FOR BRIDGE NO. 40
" 4	SL.B. 20'-CR-20' SQUARE (GRAVEL)
" 5	SL.A.G. 12' SQUARE 30 WINGS
" 6	PLAN AND PROFILE FOR BRIDGE NO. 41-A
" 7	S.T.B. 20'-50' 30 SKEW (2 SPANS)
" 8	S.A.G. 8' 30 SKEW
" 9	S.P. 1 PIER DETAILS
" 10	S.P. 2 " "
" 11	PLAN AND PROFILE FOR BRIDGE NO. 41
" 12	SL.B. 20'-CR-20' SQUARE (GRAVEL)
" 13	SL.A.G. 8' SQUARE 30 WINGS
" 14	PLAN AND PROFILE FOR BRIDGE NO. 42
" 15	SL.B. 20'-CR-20' SPAN 30 SKEW (GRAVEL)
" 16	SL.A.G. 8' 30 SKEW 30 WINGS
" 17	PLAN AND PROFILE FOR BRIDGE NO. 43
" 18	SL.B. 20'-CR-20' SPAN SQUARE (GRAVEL)
" 19	SL.A.G. 6' SQUARE 30 WINGS
" 20	PLAN AND PROFILE FOR FORD BRIDGE
" 21	S.B. 12'-80' STEEL SUPERSTRUCTURE
" 22	DETAILS ABUTMENT NO. 1
" 23	" " 2
" 24	S.B. 1 TYPICAL DETAILS FOR STEEL BRIDGES
" 25	S.B. 2 TYPICAL DETAILS
" 26	S.B. 3 SKEW ENDS
" 27	S.B. 5 STANDARD CABLE RAIL AND CURB

STATE OF VERMONT
STATE HIGHWAY DEPARTMENT

PLAN AND PROFILE OF PROPOSED
STATE HIGHWAY

FEDERAL AID PROJECT

TOWN OF BRAINTREE

RANDOLPH-ROXBURY ROAD

BRIDGE NO. 40 OVER TILLSON BROOK 30 MILES NORTH OF RANDOLPH VILLAGE
LENGTH 18.5 FEET=0.003 MILES *Replaced by 12'16' CGMPPA as ST-145M 1957*

BRIDGE NO. 41A OVER THIRD BRANCH OF WHITE RIVER 0.5 MILES SOUTH OF BRAINTREE DEPOT
LENGTH 108.0 FEET=0.020 MILES *Vt #12A, B3 over 3rd Branch White River*

BRIDGE NO. 41 OVER ^{Dunham Brook} CAMPBELL BROOK AT BRAINTREE DEPOT
LENGTH 22.5 FEET=0.004 MILES *Vt #12A, B9 over Dunham Brook Widened 1957 as ST 145M*

BRIDGE NO. 42 OVER BACHELLOR BROOK 0.5 MILES NORTH OF BRAINTREE DEPOT
LENGTH 22.5 FEET=0.004 MILES *Vt #12A, B8 over Batchelor Brook Widened 1957 as ST 145M Should be B9 R.M. 72*

BRIDGE NO. 43 OVER BRACKETT BROOK 0.8 MILES NORTH OF BRAINTREE DEPOT
LENGTH 22.5 FEET=0.004 MILES *Vt #12A, B11 over Brackett Brook Widened 1957 as ST 145M*

RIFFORD BROOK ROAD

FORD BRIDGE OVER THIRD BRANCH OF WHITE RIVER AT MOUTH OF RIFFORD BROOK
LENGTH 80.0 FEET=0.015 MILES *Vt #46, B11 over 3rd Branch White River*

CONVENTIONAL SIGNS

COUNTY LINE	GROUND ELEVATION
TOWN LINE	FENCE LINE
STONE WALL	GRADE ELEVATION
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
PLAN 1" = 20 FEET
PROFILE VERT. 1" = 20 FEET
HORIZ. 1" = 20 FEET
SECTIONS 1" = 5 FEET

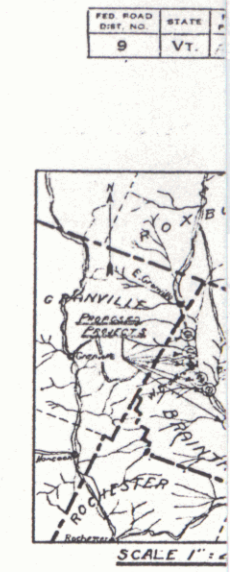
LAYOUT
SEE SHEETS 3

THIS PROJECT TO BE CONSTRUCTED IN ACCORDANCE WITH STANDARD SPECIFICATIONS ON FILE WITH THE U.S. BUREAU OF PUBLIC ROADS.

STRUCTURES ON THIS PROJECT TO BE CONSTRUCTED IN ACCORDANCE WITH DETAILS GIVEN ON STANDARD STRUCTURE SHEETS SERIES NOS. S17-18-19.

DISTRICT NO. 7
BRIDGE NOS.
BRAINTREE

MM 0390
Bridge 6



RIGHT-OF-WAY
TOWN

Rte. U+12

APPROVED: MAY

H.E.

SUBMITTED BY ORDER

RECOMMENDED

RECOMMENDED FOR APPROVAL

APPROVED

SHEET 1

SERIES F.
3 SHEET