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STATE OF VERMONT  
DEPARTMENT OF HIGHWAYS

PROPOSED IMPROVEMENT  
FEDERAL AID PROJECT  
TOWN OF CHESTER

COUNTY OF WINDSOR  
VERMONT ROUTE 103  
CHESTER-LUDLOW ROAD

BEGINNING AT A POINT APPROXIMATELY 0.5 MILES SOUTH OF THE INTERSECTION OF VERMONT ROUTES 10 & 103 AND EXTENDING NORTHWESTERLY TO THE CAVENDISH CHESTER TOWN LINE.

LENGTH OF ROADWAY 13,428.59 FT. = 2.543 MILES  
LENGTH OF BRIDGE 522.47 FT. = 0.099 MILES  
LENGTH OF PROJECT 13,951.06 FT. = 2.642 MILES

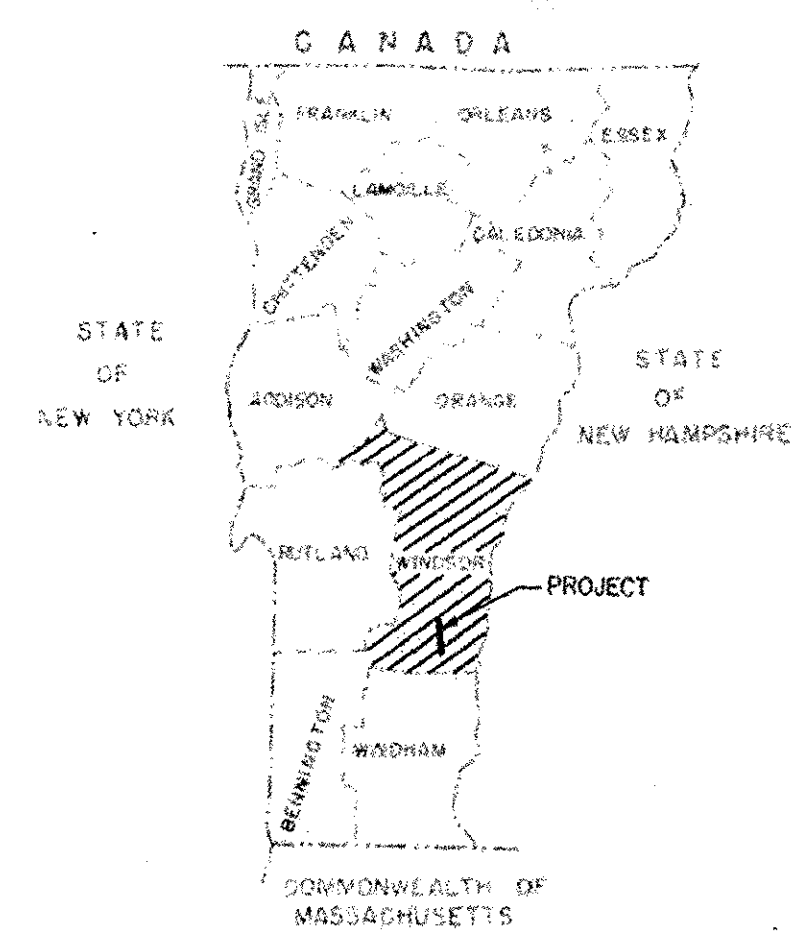
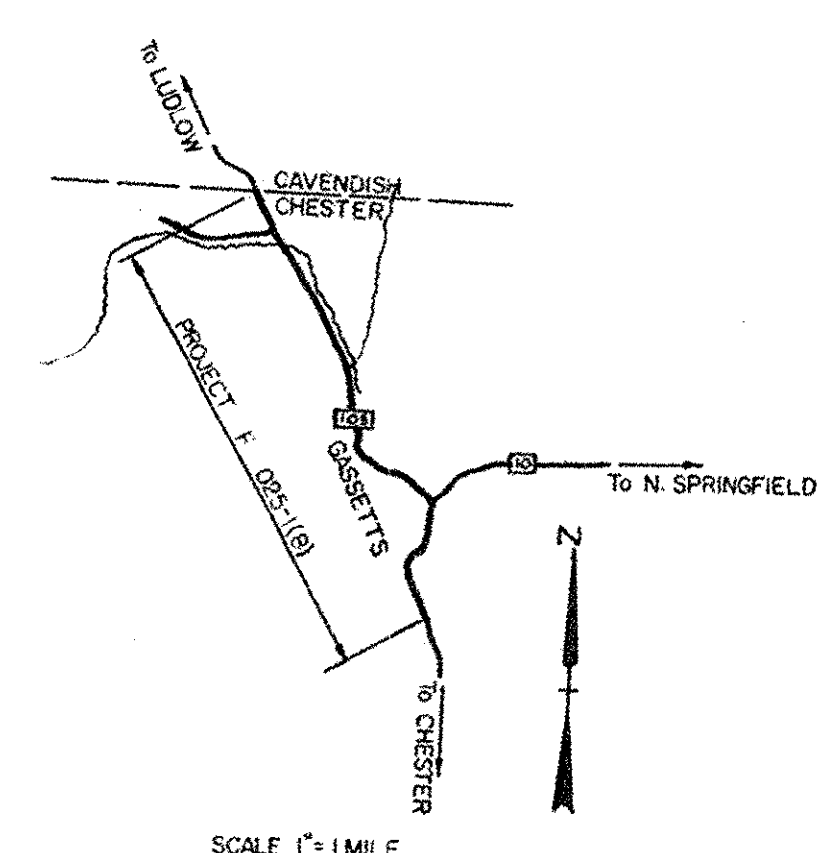
PROJECT NAME & NUMBER  
CHESTER F 025-1(18) BIT. CONCRETE 20,756 S.Y.

RECORD PLANS

MATERIALS

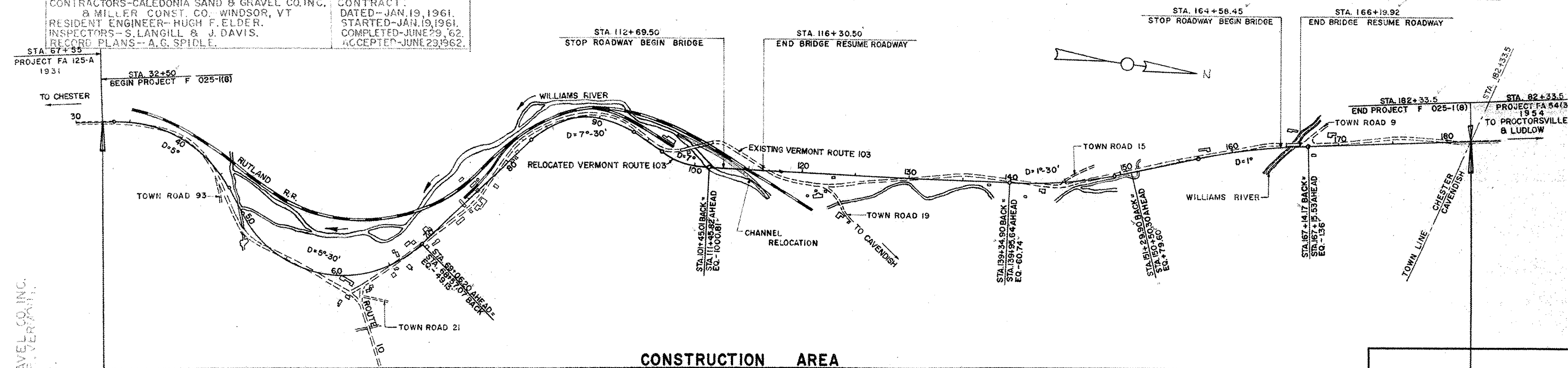
SUBBASE OF GRAVEL - SCHALLOW PIT - PROCTORSVILLE, VT.  
SHATTUCK PIT - PERKINSVILLE, VT.  
CRUSHED STONE BASE COURSE - VERMONT MARBLE CO. - FLORENCE, VT.  
ASPHALT & TAR - ALL STATES ASPHALT CO. INC. - SUNDERLAND, MASS.  
BITUMINOUS CONCRETE PAVE. - L.M. PIKE & SON - (PLANT) MANCHESTER, VT.  
CONCRETE CLASS 57 - CHARLESTOWN READY MIX INC. - CHARLESTOWN, N.H.  
REINFORCING & STRUCTURAL STEEL - CITY IRON WORKS - BRIDGEPORT, CONN.  
REINFORCED CONCRETE PIPE - AMERICAN MARIETTA CO. - WINDSOR, VT.  
ASPH. DATED CORR. GALV. METAL PIPE & METAL BIN RETAINING WALL - NEW ENGLAND METAL CULVERT CO. - WESTMINSTER, VT.  
GUARD RAIL (CABLE & WOOD) - MAINLINE FENCE CO. - WESTBROOK, MAINE.  
BRIDGE RAILING - VERMONT STRUCTURAL STEEL CO. - BURLINGTON, VT.  
GRANITE SLOPE EDGING - ROCK OF AGES CORP. - BARRE, VERMONT.  
CONTRACTORS - CALEDONIA SAND & GRAVEL CO. INC. CONTRACT  
& MILLER CONST. CO. WINDSOR, VT. DATED - JAN. 19, 1961.  
RESIDENT ENGINEER - HUGH F. ELDER. STARTED - JAN. 19, 1961.  
INSPECTORS - S. LANGILL & J. DAVIS. COMPLETED - JUNE 29, 1962.  
RECORD PLANS - A.G. SPIDLE. ACCEPTED - JUNE 23, 1962.

FED. ROAD REGION NO.	STATE	PROJECT NO.	FED. AID DIST. NO.	SHEET NO.	TOTAL SHEETS
1	Vt	F 025-1(18)	WAR	1	16



DESIGN DESIGNATION

ADT (1955)	2230
ADT (1980)	3800
DHV (1980)	520
D	55%
T	5%
V	50 MPH



R.O.W. 1 COUNTY 1 TOWN 10 FENCE 10 STONE 10 UNFENCE 10 GUARD R. TRAVEL RAILROAD RETAIN CENTER SURVEY

PROJECT CHESTER F 025-1(18) BITUMINOUS CONCRETE PAVEMENT

CONTRACTORS CALEDONIA SAND & GRAVEL CO. INC. & MILLER CONST. CO. - WINDSOR, VT.

LOCATION beginning at a point approximately 0.5 miles south of the intersection of Vermont Routes 10 & 103 and extending northwest-ly to the Cavendish-Chester Town Line.

CHESTER F 025-1(18) SAND & GRAVEL CO. INC. CONTRACTORS - CALEDONIA SAND & GRAVEL CO. INC. & MILLER CONST. CO. - WINDSOR, VT. RECORD PLANS - A.G. SPIDLE. COMPLETED - JUNE 29, 1962.

SCALES

TITLE 1" = 500'

TYPICAL 3/8" = 1' & 1/8" = 1'

PLAN 1" = 50'

PROFILE HORIZONTAL 1" = 50'

VERTICAL 1" = 10'

CROSS-SECTIONS 1" = 5' & 1" = 10'

GROUND ELEVATION	DATA	LINE
GRADE ELEVATION	RATUM	TYPE

CURVE DATA

DEFLECTION OF ANGLE	A
DEGREE OF CURVE	D
RADIUS OF CURVE	R
TANGENT DISTANCE	T
LENGTH OF CURVE	L
EXTERNAL DISTANCE	E
POINT OF INTERSECTION	PI
POINT OF CURVE	PC
POINT OF TANGENT	PT
POINT ON TANGENT	POT
POINT ON SUB-TANGENT	POST

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 SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION OF JANUARY 1956 SUBMITTED TO THE BUREAU OF PUBLIC ROADS AS APPROVED JULY 5, 1956, INCLUDING ALL SUBSEQUENT APPROVED REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE SUBMITTED WITH THE PLANS.

APPROVED SECONDARY ENGINEER DATE	APPROVED CONSTRUCTION ENGINEER DATE 8/3/60	APPROVED BRIDGE ENGINEER DATE Aug 2, 1960	APPROVED DISTRICT ENGINEER DATE 7/28/60	APPROVED HIGHWAY ENGINEER DATE 7/29/60	APPROVED CHIEF ENGINEER DATE 8/3/60
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DEPARTMENT OF COMMERCE  
BUREAU OF PUBLIC ROADS

APPROVED

DIVISION ENGINEER DATE

PROJECT F NO. 025-1(18)

SHEET 1 OF 208 SHEETS