FED. ROAD DIVISION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
1	VT.	S 0148(2)	[illegible]	1	47

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS

PROPOSED IMPROVEMENT

FEDERAL AID SECONDARY PROJECT

TOWN OF WEST WINDSOR
COUNTY OF WINDSOR
VERMONT ROUTE # 44
READING - WINDSOR ROAD

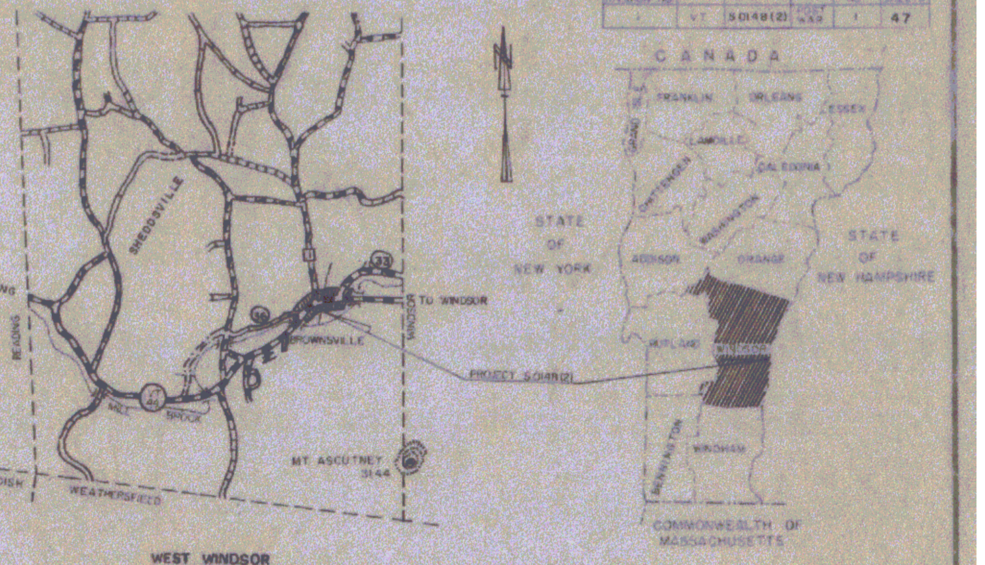
BEGINNING AT A POINT APPROXIMATELY 1.15 MILES WEST OF THE WEST WINDSOR - WINDSOR TOWN LINE IN THE HAMLET OF BROWNSVILLE AND EXTENDING EASTERLY 0.445 MILES.

LENGTH OF ROAD - 2324.0 FEET = 0.440 MILES
LENGTH OF BRIDGE - 25.0 FEET = 0.005 MILES
LENGTH OF PROJECT - 2349.0 FEET = 0.445 MILES

INDEX OF SHEETS

No.	
1	Title
2	Typical Cross Section of Improvement (1½" Bituminous Conc. Pavement, Item 361-B, Mod.)
3	Drainage and Quantity Sheet
4	Earthwork Sheet
5	Standard Sheet B-1 (Banking Tables)
6	Standard Sheet B-5 (Typical Slope Grading)
7	Standard Sheet C-1 (Curbs)
8	Standard Sheet C-2b (One Course Cement Concrete Sidewalk)
9	Standard Sheet D-2 (Headwalls & Underdrain)
10	Standard Sheet D-4 (Underdrain Flushing Basins)
11	Standard Sheet D-8 (R.C. Drop Inlets)
12	Standard Sheet D-9 (RCDI Top w/Granite Curb)
13	Standard Sheet D-10 (RCDI Top w/Bit. Curb)
14	Standard Sheet D-11 (Catch Basin Grates & Covers)
15	Standard Sheet E-1 (Roadway, Barricades, Signs and Lights)
16	Standard Sheet E-31 (Federal Aid Identification Signs)
17	Standard Sheet G-2a (Two Cable Guard Rail)
18	Standard Sheet G-2b (Dead End Anchorage)
19	Standard Sheet G-4 (Marker & Guide Posts)
20	Standard Sheet J-1 (Project Markers)
21A-26	Plan and Profile Sheets
27	Bridge General Plan and Elev.
28	Bridge Quantity Sheet
29	Superstructure Details
30	Abut. #1 Details
31	Abut. #2 Details
32	Reinforcing Schedule
33	Bridge Standard Sheet SB-50-60
34-35	Bridge Standard Sheet SB-55-58
36-43	Cross Sections
37A, 38-A, 39A	Revised Cross Sections
44	Approach Sections
45-46	Channel Sections
47	Curve Banking Transition Sheet
20A-~~20F~~	RIGHT OF WAY DETAIL SHEETS
4-A	Final Earthwork Sheet

1 Sheet Steel Schedule
3 Bridge Sheets
10 Drainage Sheets
1 Sheet Curb Grades, Profiles & Intersection Details



PROJECT NAME & NUMBER TYPE PAVEMENT AREA
WEST WINDSOR S 0148(2) BIT. CONC. PAVT. 7,878 S.Y.

RECORD PLANS

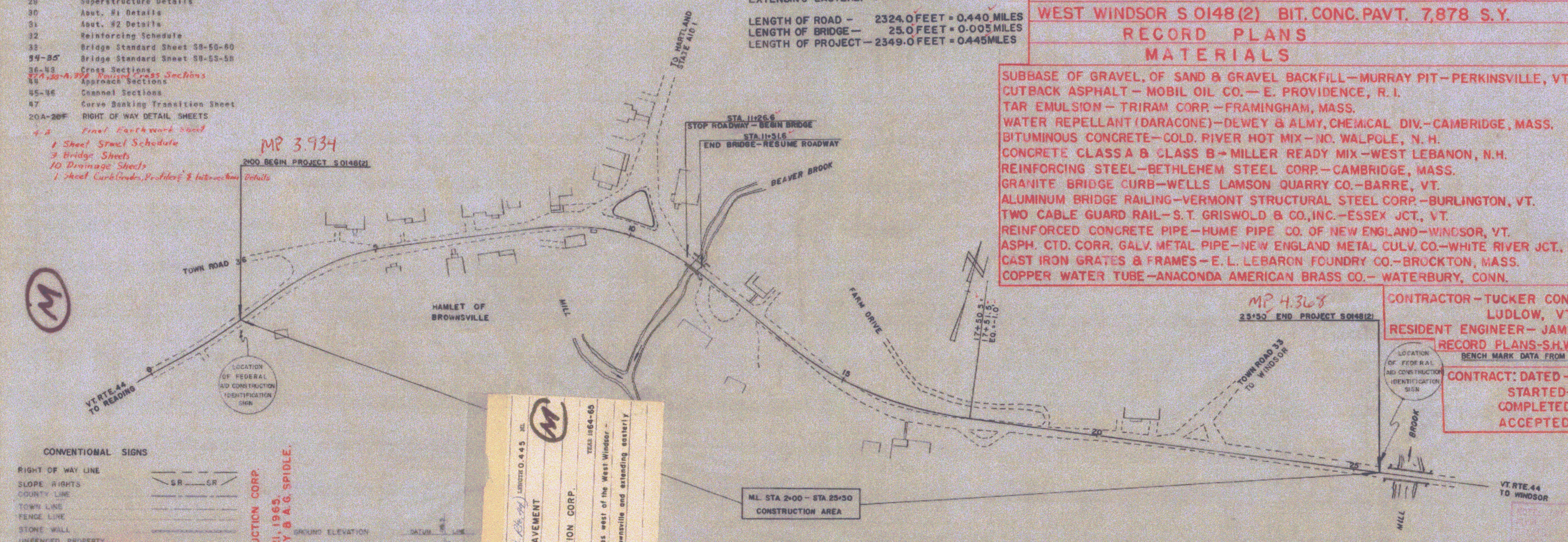
MATERIALS

SUBBASE OF GRAVEL, OF SAND & GRAVEL BACKFILL - MURRAY PIT - PERKINSVILLE, VT.
CUTBACK ASPHALT - MOBIL OIL CO. - E. PROVIDENCE, R.I.
TAR EMULSION - TRIRAM CORP. - FRAMINGHAM, MASS.
WATER REPELLANT (DARACONE) - DEWEY & ALMY, CHEMICAL DIV. - CAMBRIDGE, MASS.
BITUMINOUS CONCRETE - COLD. RIVER HOT MIX - NO. WALPOLE, N.H.
CONCRETE CLASS A & CLASS B - MILLER READY MIX - WEST LEBANON, N.H.
REINFORCING STEEL - BETHLEHEM STEEL CORP. - CAMBRIDGE, MASS.
GRANITE BRIDGE CURB - WELLS LAMSON QUARRY CO. - BARRE, VT.
ALUMINUM BRIDGE RAILING - VERMONT STRUCTURAL STEEL CORP. - BURLINGTON, VT.
TWO CABLE GUARD RAIL - S.T. GRISWOLD & CO., INC. - ESSEX JCT., VT.
REINFORCED CONCRETE PIPE - HUME PIPE CO. OF NEW ENGLAND - WINDSOR, VT.
ASPH. CTD. CORR. GALV. METAL PIPE - NEW ENGLAND METAL CULV. CO. - WHITE RIVER JCT., VT.
CAST IRON GRATES & FRAMES - E.L. LEBARON FOUNDRY CO. - BROCKTON, MASS.
COPPER WATER TUBE - ANACONDA AMERICAN BRASS CO. - WATERBURY, CONN.

CONTRACTOR - TUCKER CONSTRUCTION CORP.
LUDLOW, VT.
RESIDENT ENGINEER - JAMES W. STEARNS.
RECORD PLANS - S.H. WHITNEY & A.G. SPIDLE.

BENCH MARK DATA FROM U.S.G.S. ELEVATIONS

CONTRACT: DATED - AUGUST 19, 1964.
STARTED - AUGUST 27, 1964.
COMPLETED - JUNE 21, 1965.
ACCEPTED - JUNE 21, 1965.



Pin # 00R319

1960 ADT. = 650
1980 ADT. = 920
1980 DHV. = 140
D = 60 %
T = 6 %
V = 40 M.P.H.

CONVENTIONAL SIGNS

RIGHT OF WAY LINE
SLOPE RIGHTS — SR — SR
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

GROUND ELEVATION — DATUM — LINE
GRADE ELEVATION — DATUM — LINE

CURVE DATA

DEFLECTION OF 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.
POINT ON SUB-TANGENT	P.O.S.T.

WEST WINDSOR - S 0148(2)
CONTRACTOR - TUCKER CONSTRUCTION CORP.
LUDLOW, VT.
CONST. COMPLETED - JUNE 21, 1965.
RECORD PLANS - S.H. WHITNEY & A.G. SPIDLE.

PROJECT	WEST WINDSOR
NUMBER	S 0148 (2) (Vt. Rte. 44) LENGTH 0.445 MI.
TYPE	BITUMINOUS CONCRETE PAVEMENT
CONTRACTOR	TUCKER CONSTRUCTION CORP. LUDLOW, VT.
YEAR	1964-65
LOCATION	Beginning at a point ± 1.15 miles west of the West Windsor - Windsor Town Line in the hamlet of Brownsville and extending easterly 0.445 miles.

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.

DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS

APPROVED [redacted]
DISTRICT ENGINEER DATE

DATE	APPROVED SECONDARY ENGINEER DATE 4/3/63	APPROVED E.H. Stickney CONSTRUCTION ENGINEER DATE 7/27/64	APPROVED BRIDGE ENGINEER DATE 7/27/64	APPROVED F.H. Chase DISTRICT ENGINEER DATE 4/3/63	APPROVED G.M. Laws HIGHWAY ENGINEER DATE 7/27/63	APPROVED CHIEF ENGINEER DATE 7/27/64 SUBMITTED BY ORDER OF THE STATE HIGHWAY BOARD

PROJECT S NO. 0148 (2)
SHEET 1 OF 47 SHEETS

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