19

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS

PROPOSED IMPROVEMENT

FEDERAL AID PROJECT

TOWNS OF WALTHAM-FERRISBURG
COUNTY OF ADDISON
U.S. ROUTE 7
MIDDLEBURY—BURLINGTON ROAD

Pin# 99R 4 60

BEGINNING AT A POINT 1.007 MILES NORTH OF THE NEW HAVEN—WALTHAM TOWN LINE AND EXTENDING NORTHERLY 2.457 MILES.

LENGTH OF PROJECT 12,970.78 FEET = 2.457 MILES

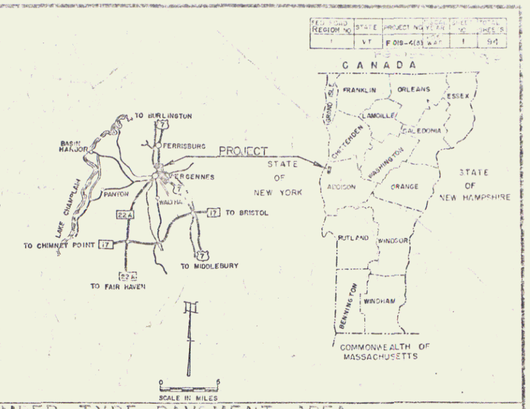
1960 ADT 2280-3100
1980 ADT 3220-4950
1980 DHV 445-645
D 60%
T 5%
DESIGN SPEED 60 M.P.H.

INDEX OF SHEETS (F019-4 (3))

SHEET NO.	
1	TITLE SHEET
2-3	TYPICAL CROSS-SECTIONS OF IMPROVEMENT (BITUMINOUS CONCRETE PAVEMENT, ITEM 351-8
4	QUANTITY SHEET
5	ITEM DETAIL AND DRAINAGE SHEET
6-8	EARTHWORK SHEETS —
9A-D	FINAL EARTHWORK SHEETS
10-24	PLAN AND PROFILE SHEETS
25	A-61 TYPICAL FOR SLOPES IN SOLID ROCK
26	B-1 BANKING TABLES
27	B-5 TYPICAL SLOPE GRADING
28	B-17 DETAILS OF REST AREA
29	C-1 CURB DETAILS
30	D-2 DETAILS OF HEADWALLS AND UNDERDRAIN
31	D-3 JUTE MATTING
32	D-4 DETAILS OF FLUSHING BASINS
33	D-8 DETAILS OF REINFORCED CONCRETE DROP INLETS
34	D-11 DETAILS OF GRATES & COVERS FOR DROP INLETS
35	E-1 BARRICADES, SIGNS AND LIGHTS (FOR ROADWAYS)
36	E-3 REGULATORY SIGNS (FOR TRAFFIC)
37	E-4 ROUTE AND AUXILIARY MARKERS (FOR TRAFFIC)
38	E-5A SIGN POST FOOTINGS
39	E-6 REGULATORY, WARNING & GUIDE SIGNS (FOR TRAFFIC)
40	E-7 STANDARD SIGN PLACEMENT (FOR TRAFFIC)
41	E-9 FEDERAL-AID CONSTRUCTION IDENTIFICATION SIGNS
42	G-1 STANDARD STEEL BEAM GUARD RAIL WITH STEEL POSTS
43	G-3 THREE CABLE GUARD RAIL WITH STEEL POSTS
44	G-4 STEEL GUIDE & MARKER POSTS AND PLANK GUARD RAIL
45	G-5 CEDAR LOG GUARD RAIL (FOR REST AREA)
45A	J-1 PROJECT AND BOUNDARY MARKERS
46-94	CROSS-SECTION SHEETS (INCLUDING 89A AND 89B)
24-A & 24-B	REINFORCED CONCRETE CATTLE PASS
45-B	SC 21 STANDARD CULVERT DETAILS
84-A, 89-A & B	REVISED & EXTENDED SECTIONS
1A	DRAINAGE SHEETS
2	LEDGE SECTION SHEETS
4	GRANULAR BORROW SHEETS
7	BORROW PIT SHEETS

INDEX OF SHEETS (FG 019-4 (6))

SHEET NO.	
1	TITLE PAGE
2	PLAN SHEET
3	DETAILS OF AUTOMATIC SIGNALS



PROJECT NAME & NUMBER	TYPE PAVEMENT	AREA
WALTHAM-FERRISBURG F019-4(3)	BIT. CONC.	34,589. S.Y.

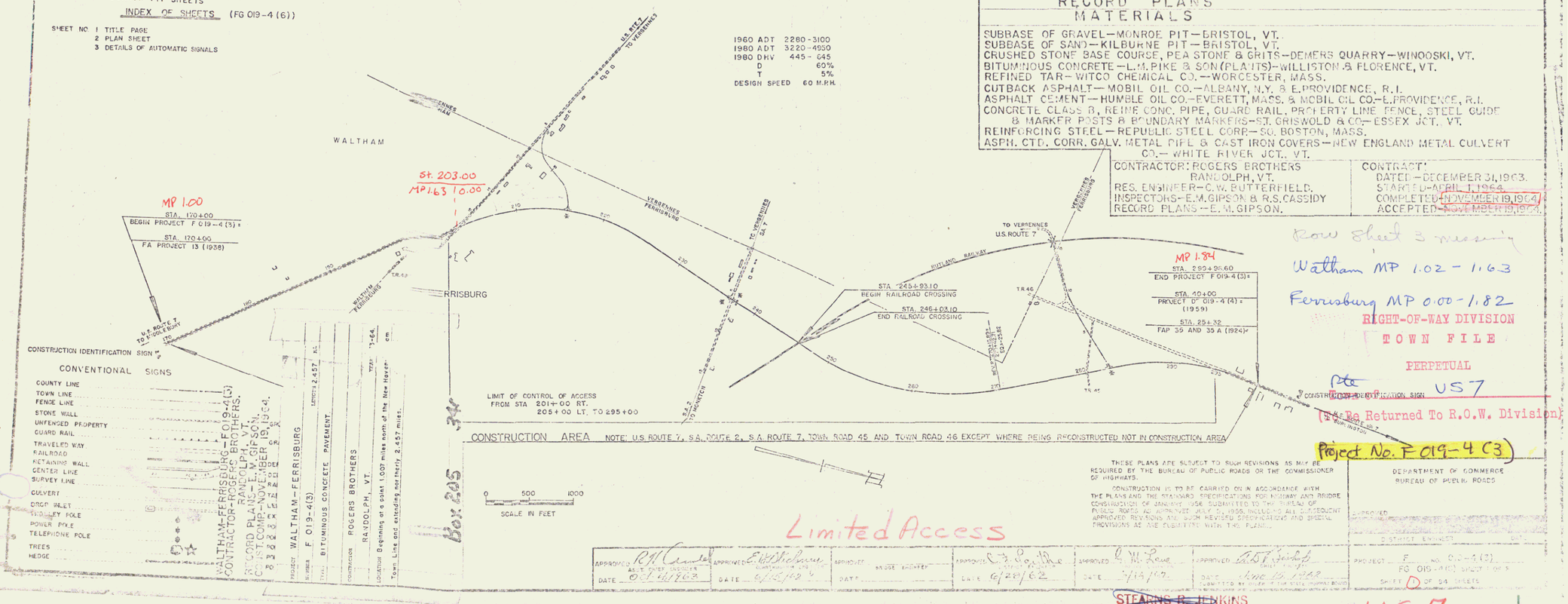
RECORD PLANS

MATERIALS

SUBBASE OF GRAVEL—MONROE PIT—BRISTOL, VT.
SUBBASE OF SAND—KILBURNE PIT—BRISTOL, VT.
CRUSHED STONE BASE COURSE, PEA STONE & GRITS—DEMERS QUARRY—WINOOSKI, VT.
BITUMINOUS CONCRETE—L.M. PIKE & SON (PLANTS)—WILLISTON & FLORENCE, VT.
REFINED TAR—WITCO CHEMICAL CO.—WORCESTER, MASS.
CUTBACK ASPHALT—MOBIL OIL CO.—ALBANY, N.Y. & E. PROVIDENCE, R.I.
ASPHALT CEMENT—HUMBLE OIL CO.—EVERETT, MASS. & MOBIL OIL CO.—E. PROVIDENCE, R.I.
CONCRETE CLASS B, REINF. CONC. PIPE, GUARD RAIL, PROPERTY LINE FENCE, STEEL GUIDE & MARKER POSTS & BOUNDARY MARKERS—ST. GRISWOLD & CO.—ESSEX JCT., VT.
REINFORCING STEEL—REPUBLIC STEEL CORP.—SO. BOSTON, MASS.
ASPH. CTD. CORR. GALV. METAL PIPE & CAST IRON COVERS—NEW ENGLAND METAL CULVERT CO.—WHITE RIVER JCT., VT.

CONTRACTOR: ROGERS BROTHERS
RANDOLPH, VT.
RES. ENGINEER—C.W. BUTTERFIELD.
INSPECTORS—E.M. GIPSON & R.S. CASSIDY
RECORD PLANS—E.M. GIPSON.

CONTRACT:
DATED—DECEMBER 31, 1963.
STARTED—APRIL 1, 1964.
COMPLETED—NOVEMBER 19, 1964.
ACCEPTED—NOVEMBER 19, 1964.



CONVENTIONAL SIGNS

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

WALTHAM-FERRISBURG—F019-4(3)
CONTRACTOR—ROGERS BROTHERS.
RANDOLPH, VT.
RECORD PLANS—E.M. GIPSON.
CONT. COMP.—NOVEMBER 19, 1964.

PROJECT WALTHAM—FERRISBURG
NUMBER F 019-4(3)
TYPE BITUMINOUS CONCRETE PAVEMENT
LENGTH 2.457 MI.
CONTRACTOR ROGERS BROTHERS
YEAR 1964
LOCATION Beginning at a point 1.007 miles north of the New Haven Town Line and extending northerly 2.457 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
DISTRICT ENGINEER DATE

APPROVED	APPROVED	APPROVED	APPROVED	APPROVED	APPROVED
R.H. Lewis ASST. CHIEF ENGINEER	E.H. Dickinson CHIEF ENGINEER	BRIDGE ENGINEER	C.J. Gaffney CHIEF ENGINEER	O.H. Lewis CHIEF ENGINEER	R.D. Bishop CHIEF ENGINEER
DATE Oct 11, 1963	DATE 6/25/62	DATE	DATE 6/29/62	DATE 7/14/62	DATE June 15, 1962 (SUBMITTED BY BUREAU OF PUBLIC ROADS TO THE STATE HIGHWAY BOARD)

PROJECT F NO. 019-4(3)
FG 019-4(6) SHEET 1 OF 5
SHEET 1 OF 34 SHEETS

STEARNS R. JENKINS

US 7 1

Row Sheet 3 missing
Waltham MP 1.02 - 1.63
Ferrisburg MP 0.00 - 1.82

RIGHT-OF-WAY DIVISION
TOWN FILE
PERPETUAL
US 7
(To Be Returned To R.O.W. Division)

Project No. F 019-4 (3)