

**INDEX OF SHEETS**

SHEET NO.	TITLE PAGE
1	TITLE PAGE
2	TYPICAL CROSS SECTION OF IMPROVEMENT (1 1/2" BITUMINOUS CONCRETE PAVEMENT, ITEM 361-B (MOD))
3	QUANTITY SHEET
4	ITEM DETAIL AND DRAINAGE SHEET
5-6	EARTHWORK SHEETS
7	B-1 (BANKING TABLES)
8	B-5 (TYPICAL SLOPE GRADING)
9	C-1 (GRANITE CURB)
10	D-2 (HEADWALLS)
11	D-8 (REINFORCED CONCRETE DROP INLETS WITH GRATES)
12	D-9 (DROP INLET TOPS WITH GRANITE CURB)
13	D-11 (GRATES & COVERS FOR CATCH BASINS AND DROP INLETS)
14	D-13 (CONCRETE CATCH BASINS)
15	E-1 (BARRICADES, SIGNS, AND LIGHTS)
16	E-9 (FEDERAL AID CONSTRUCTION IDENTIFICATION SIGNS)
17	G-2A (TWO CABLE GUARD RAIL)
18	G-2B (TWO CABLE GUARD RAIL, DEAD END ANCHORAGE)
19	G-4 (WOOD GUIDE POSTS AND MARKER POSTS)
20	J-1 (PROJECT AND BOUNDARY MARKERS)
21	SB-55-58 (DETAILS OF BRIDGE RAILING, SHEET # 1)
22	SB-56-60 (DETAILS OF BRIDGE RAILING & GRANITE BRIDGE CURB)
23	SB-20-60 (DETAILS OF WF BEAM BRIDGE)
24-27A	PLAN AND PROFILE SHEETS, & R.O.W. DETAIL SHEET
28	PLAN LAYOUT OF BRIDGE
29	SUPERSTRUCTURE DETAILS
30-31	ABUTMENT DETAILS
32	REINFORCING STEEL SCHEDULE
33-35	CROSS SECTION SHEETS
36-39	CHANNEL SECTIONS
40	PROFILE OF LATERAL DRAINAGE RIGHT
41	CURVE BANKING TRANSITION DIAGRAMS

STATE OF VERMONT  
DEPARTMENT OF HIGHWAYS

PROPOSED IMPROVEMENT

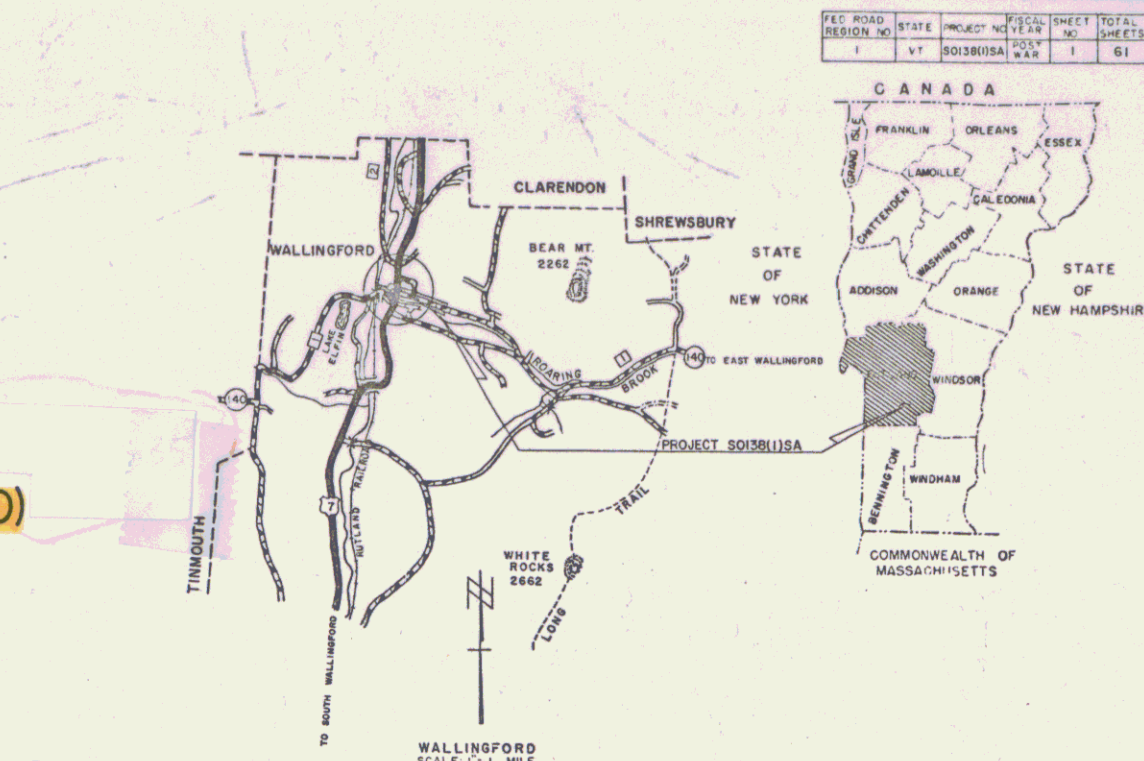
FEDERAL AID SECONDARY PROJECT  
**TOWN OF WALLINGFORD**  
**COUNTY OF RUTLAND**  
**STATE AID ROUTE #1 (VT. RTE. 140)**  
**TINMOUTH - EAST WALLINGFORD ROAD**

BEGINNING IN THE VILLAGE OF WALLINGFORD AT A POINT APPROXIMATELY 1/2 MILES EASTERLY OF THE TINMOUTH-WALLINGFORD TOWN LINE AND EXTENDING SOUTHEASTERLY 0.647 MILE

LENGTH OF ROADWAY 3,386.88 FEET = 0.641 MILE  
LENGTH OF BRIDGE 33.12 FEET = 0.006 MILE  
LENGTH OF PROJECT 3,420.00 FEET = 0.647 MILE

1960 ADT	275 - 420
1980 ADT	400 - 600
1980 DHV	85 - 120
V	30 MPH
D	60%
T	7%

BENCH MARK DATA BASED ON U.S.G.S. ELEVATIONS

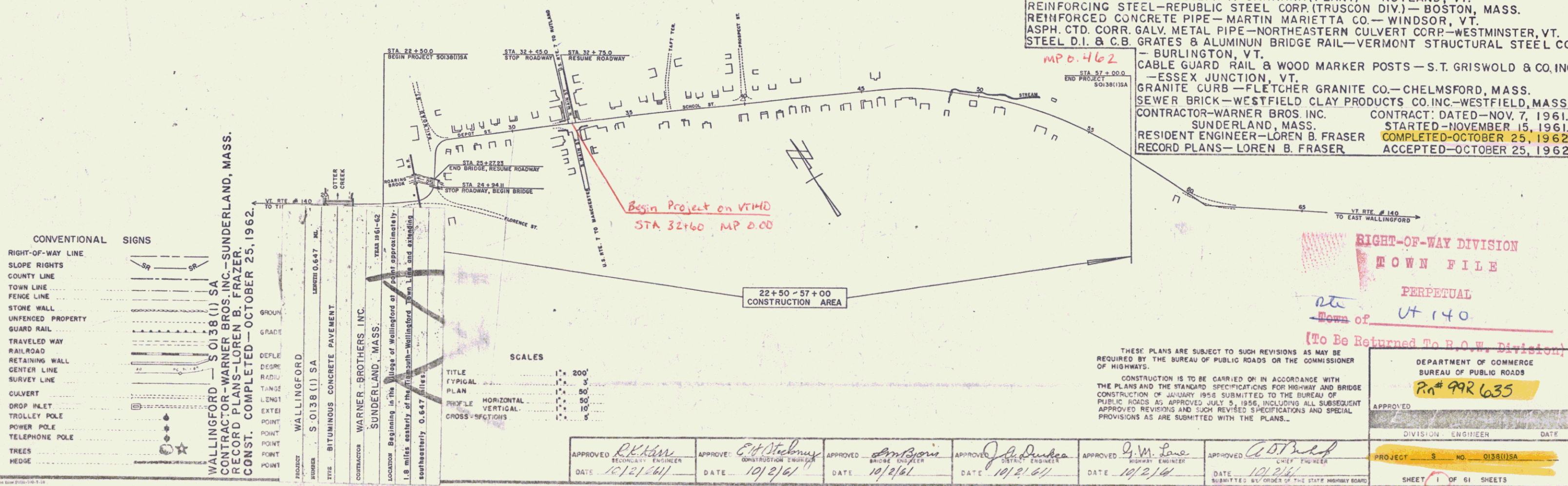


PROJECT NAME & NUMBER	TYPE	PAVEMENT	AREA
WALLINGFORD S0138(1)SA	BIT. CONC. PAV'T.	5,735 S.Y.	

RECORD PLANS MATERIALS

SUBBASE OF GRAVEL, GRAVEL BACKFILL & TOPSOIL—TARBELL PIT—WALLINGFORD, VT.  
CUTBACK ASPHALT—TRIMMOUNT BITUMINOUS PRODUCTS CO.—EVERETT, MASS.  
TAR EMULSION—KOPPERS CO.—NASHUA, N.H.  
BITUMINOUS CONCRETE—L.M. PIKE & SON (FLORENCE PLANT)—LACONIA, N.H.  
CONCRETE CLASS "B"—JOSEPH P. CARRARA (PLANT)—RUTLAND, VT.  
REINFORCING STEEL—REPUBLIC STEEL CORP. (TRUSCON DIV.)—BOSTON, MASS.  
REINFORCED CONCRETE PIPE—MARTIN MARIETTA CO.—WINDSOR, VT.  
ASPH. CTD. CORR. GALV. METAL PIPE—NORTHEASTERN CULVERT CORP.—WESTMINSTER, VT.  
STEEL D.I. & C.B. GRATES & ALUMINUM BRIDGE RAIL—VERMONT STRUCTURAL STEEL CO.—BURLINGTON, VT.  
CABLE GUARD RAIL & WOOD MARKER POSTS—S.T. GRISWOLD & CO. INC.—ESSEX JUNCTION, VT.  
GRANITE CURB—FLETCHER GRANITE CO.—CHELMSFORD, MASS.  
SEWER BRICK—WESTFIELD CLAY PRODUCTS CO. INC.—WESTFIELD, MASS.  
CONTRACTOR—WARNER BROS. INC. SUNDERSLAND, MASS.  
RESIDENT ENGINEER—LOREN B. FRASER  
RECORD PLANS—LOREN B. FRASER

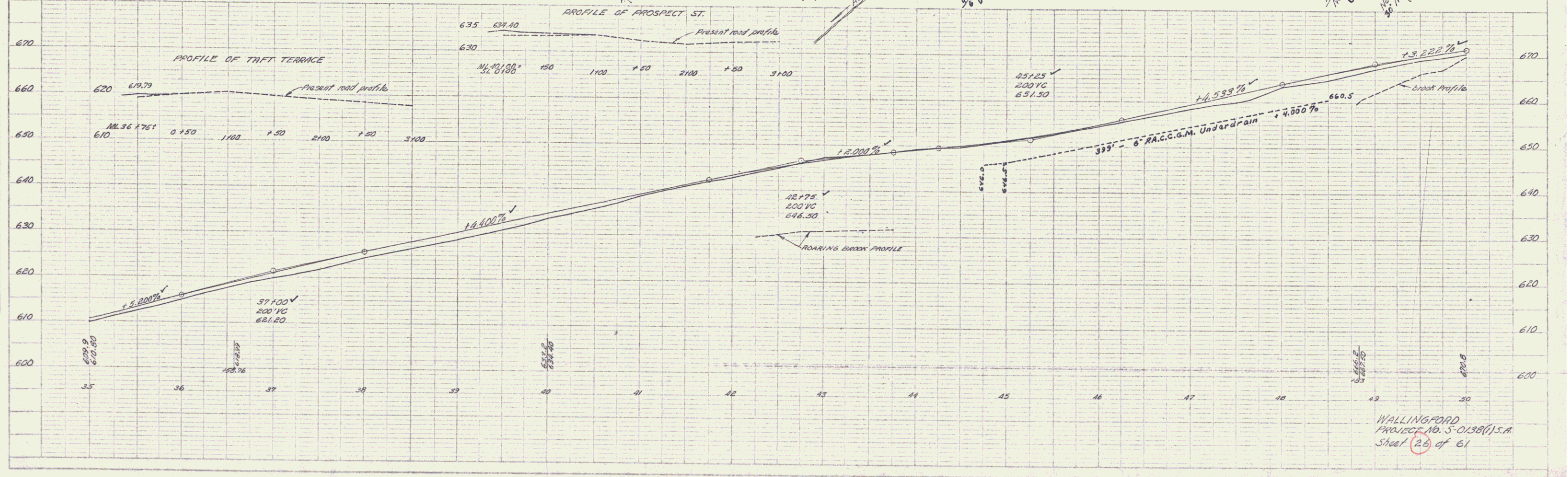
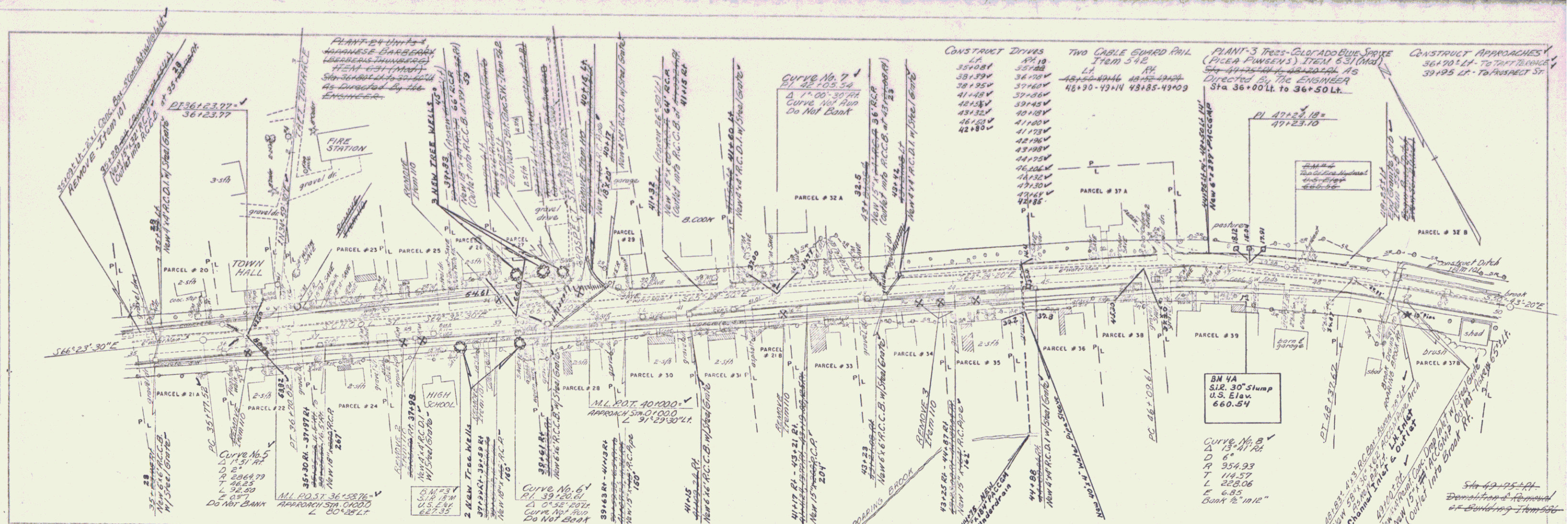
CONTRACT DATED—NOV. 7, 1961.  
STARTED—NOVEMBER 15, 1961.  
COMPLETED—OCTOBER 25, 1962.  
ACCEPTED—OCTOBER 25, 1962.





PLAN  
 3/4" = 1'-0"  
 NOTE: SEE PLANS FOR ALL DETAILS  
 DATE: 10/1/54  
 DRAWN BY: J. W. HARRIS  
 CHECKED BY: J. W. HARRIS

PROFILE  
 1" = 10'  
 3/4" = 1'-0"  
 DATE: 10/1/54  
 DRAWN BY: J. W. HARRIS  
 CHECKED BY: J. W. HARRIS



WALLINGFORD  
 PROJECT NO. S-0138(1)S.A.  
 Sheet 26 of 61



WALLINGFORD  
S-0138(I) S.A.

PARCEL GRANTOR: VALIER & JOSEPHINE BERSHAW  
STATIONS: STA. 22+15 - 23+78 ± (960 Sq. Ft. ±)  
TAKING: SLOPE - STA. 22+15 - 23+78 ± (960 Sq. Ft. ±)  
REMAINDER:  
RIGHTS:

PARCEL GRANTOR: 10 EVERITT & DOROTHY C. MORTON  
STATIONS: STA. 28+68 - 29+00 ± RT. (240 Sq. Ft. ±)  
TAKING: SLOPE - STA. 28+68 - 29+00 ± RT. (240 Sq. Ft. ±)  
REMAINDER: 87 Sq. Ft. ±  
RIGHTS:

PARCEL GRANTOR: 19 ROBERT O. & NATALIE C. BUCK  
STATIONS: STA. 34+55 - 35+05 ± RT. (200 Sq. Ft. ±)  
TAKING: SLOPE - STA. 34+55 - 35+05 ± RT. (200 Sq. Ft. ±)  
REMAINDER:  
RIGHTS:

PARCEL GRANTOR: 28 ALBERT R. & THELMA C. PERRY  
STATIONS: STA. 39+36 - 40+15 ± RT. (800 Sq. Ft. ±)  
TAKING: SLOPE - STA. 39+36 - 40+15 ± RT. (800 Sq. Ft. ±)  
REMAINDER:  
RIGHTS:

PARCEL GRANTOR: 39 ROBERT L. & EDNA M. FAULKNER  
STATIONS: STA. 47+24 - 48+07 ± RT. (150 Sq. Ft. ±)  
TAKING: SLOPE - STA. 47+24 - 48+07 ± RT. (150 Sq. Ft. ±)  
REMAINDER:  
RIGHTS:

PARCEL GRANTOR: 2 RUTLAND RAILWAY CORP  
STATIONS: STA. 23+78 - 26+29 ± LT. (2600 Sq. Ft. ±)  
TAKING: SLOPE - STA. 23+78 - 26+29 ± LT. (2600 Sq. Ft. ±)  
REMAINDER:  
RIGHTS:

PARCEL GRANTOR: 11 BARNEY A. & EVELINE H. WETHERBY  
STATIONS: STA. 29+00 - 30+87 ± RT. (580 Sq. Ft. ±)  
TAKING: SLOPE - STA. 29+00 - 30+87 ± RT. (580 Sq. Ft. ±)  
REMAINDER:  
RIGHTS:

PARCEL GRANTOR: 21 A, B DONALD L. & MARGARET A. COLEMAN  
STATIONS: STA. 35+70 - 35+80 ± RT. (20 Sq. Ft. ±)  
TAKING: SLOPE - STA. 35+70 - 35+80 ± RT. (20 Sq. Ft. ±)  
REMAINDER: 21 B  
RIGHTS: SLOPE - STA. 41+07 - 42+15 ± RT. (320 Sq. Ft. ±)

PARCEL GRANTOR: 29 MARY E. BOYNTON  
STATIONS: STA. 40+15 - 40+25 ± LT. (80 Sq. Ft. ±)  
TAKING: SLOPE - STA. 40+15 - 40+25 ± LT. (80 Sq. Ft. ±)  
REMAINDER:  
RIGHTS:

PARCEL GRANTOR: 37 A, B FRED H. & ANNIE W. DOUBLEDAY  
STATIONS: STA. 46+15 - 46+40 ± LT. (80 Sq. Ft. ±)  
TAKING: SLOPE - STA. 46+15 - 46+40 ± LT. (80 Sq. Ft. ±)  
REMAINDER: 37 A  
RIGHTS: SLOPE - STA. 48+58 - 49+08 ± RT. (560 Sq. Ft. ±)

PARCEL GRANTOR: 3 CHARLES L. & RHODA B. BAKER  
STATIONS: STA. 25+20 - 25+40 ± RT. (80 Sq. Ft. ±)  
TAKING: SLOPE - STA. 25+20 - 25+40 ± RT. (80 Sq. Ft. ±)  
REMAINDER:  
RIGHTS:

PARCEL GRANTOR: 12 MORTON C. & NELLIE M. COLLISTER  
STATIONS: STA. 29+35 - 30+87 ± RT. (580 Sq. Ft. ±)  
TAKING: SLOPE - STA. 29+35 - 30+87 ± RT. (580 Sq. Ft. ±)  
REMAINDER: 130 Sq. Ft. ±  
RIGHTS:

PARCEL GRANTOR: 22 FREDERICK H. & LOIS A. THURLOW  
STATIONS: STA. 36+58 - 36+90 ± RT. (120 Sq. Ft. ±)  
TAKING: SLOPE - STA. 36+58 - 36+90 ± RT. (120 Sq. Ft. ±)  
REMAINDER:  
RIGHTS:

PARCEL GRANTOR: 30 RALPH L. & MILDRED D. LIDSTONE  
STATIONS: STA. 40+15 - 41+08 ± RT. (80 Sq. Ft. ±)  
TAKING: SLOPE - STA. 40+15 - 41+08 ± RT. (80 Sq. Ft. ±)  
REMAINDER:  
RIGHTS:

PARCEL GRANTOR: 40 ALBERT H. & HELEN N. BERSAW  
STATIONS: STA. 52+91 - 57+18 ± RT. (200 Sq. Ft. ±)  
TAKING: SLOPE - STA. 52+91 - 57+18 ± RT. (200 Sq. Ft. ±)  
REMAINDER:  
RIGHTS:

PARCEL GRANTOR: 4 EVA MINER  
STATIONS: STA. 25+84 - 26+63 ± RT. (240 Sq. Ft. ±)  
TAKING: SLOPE - STA. 25+84 - 26+63 ± RT. (240 Sq. Ft. ±)  
REMAINDER: 375 Sq. Ft. ±  
RIGHTS: 27+22 - 27+83 ± RT. (200 Sq. Ft. ±)

PARCEL GRANTOR: 13 LENY J. & GRACE T. BAKER  
STATIONS: STA. 30+96 - 31+80 ± RT. (1360 Sq. Ft. ±)  
TAKING: SLOPE - STA. 30+96 - 31+80 ± RT. (1360 Sq. Ft. ±)  
REMAINDER:  
RIGHTS:

PARCEL GRANTOR: 23 ELWOOD B. & SOPHIE STEWART  
STATIONS: STA. 36+83 - 37+88 ± LT. (360 Sq. Ft. ±)  
TAKING: SLOPE - STA. 36+83 - 37+88 ± LT. (360 Sq. Ft. ±)  
REMAINDER:  
RIGHTS:

PARCEL GRANTOR: 31 JOHN P. & MARY M. HOADLEY  
STATIONS: STA. 41+08 - 41+67 ± RT. (220 Sq. Ft. ±)  
TAKING: SLOPE - STA. 41+08 - 41+67 ± RT. (220 Sq. Ft. ±)  
REMAINDER:  
RIGHTS:

PARCEL GRANTOR: 41 WAYNE EDSON  
STATIONS: STA. 55+45 - 59+70 ± LT. (120 Sq. Ft. ±)  
TAKING: SLOPE - STA. 55+45 - 59+70 ± LT. (120 Sq. Ft. ±)  
REMAINDER: 57+70 - 58+40 ± LT. (160 Sq. Ft. ±)  
RIGHTS:

PARCEL GRANTOR: 5 HAZEL R. COULTER  
STATIONS: STA. 26+96 - 28+04 ± LT. (520 Sq. Ft. ±)  
TAKING: SLOPE - STA. 26+96 - 28+04 ± LT. (520 Sq. Ft. ±)  
REMAINDER:  
RIGHTS:

PARCEL GRANTOR: 14 GILBERT HART LIBRARY ASSOC.  
STATIONS: STA. 30+96 - 31+80 ± RT. (1360 Sq. Ft. ±)  
TAKING: SLOPE - STA. 30+96 - 31+80 ± RT. (1360 Sq. Ft. ±)  
REMAINDER:  
RIGHTS:

PARCEL GRANTOR: 24 HELEN M. TOWNSEND  
STATIONS: STA. 36+90 - 37+73 ± RT. (360 Sq. Ft. ±)  
TAKING: SLOPE - STA. 36+90 - 37+73 ± RT. (360 Sq. Ft. ±)  
REMAINDER:  
RIGHTS:

PARCEL GRANTOR: 32 A, B INEZ KELLEY  
STATIONS: STA. 42+00 - 43+00 ± LT. (1200 Sq. Ft. ±)  
TAKING: SLOPE - STA. 42+00 - 43+00 ± LT. (1200 Sq. Ft. ±)  
REMAINDER: 32 B  
RIGHTS: SLOPE - STA. 46+47 - 54+60 ± LT. (0.1 A)

PARCEL GRANTOR: 17 WALLINGFORD HOTEL CORP  
STATIONS: STA. 33+46 - 33+97 ± LT. (85 Sq. Ft. ±)  
TAKING: SLOPE - STA. 33+46 - 33+97 ± LT. (85 Sq. Ft. ±)  
REMAINDER:  
RIGHTS:

PARCEL GRANTOR: 6 DORIS COLE  
STATIONS: STA. 27+35 - 27+83 ± RT. (80 Sq. Ft. ±)  
TAKING: SLOPE - STA. 27+35 - 27+83 ± RT. (80 Sq. Ft. ±)  
REMAINDER:  
RIGHTS:

PARCEL GRANTOR: 15 HARRY B. & HELEN M. TOWNSEND  
STATIONS: STA. 30+96 - 31+70 ± RT. (880 Sq. Ft. ±)  
TAKING: SLOPE - STA. 30+96 - 31+70 ± RT. (880 Sq. Ft. ±)  
REMAINDER: 222 Sq. Ft. ±  
RIGHTS:

PARCEL GRANTOR: WALLINGFORD HIGH SCHOOL  
STATIONS: STA. 37+73 - 38+67 ± RT. (38+95 - 39+36 ± RT.)  
TAKING: SLOPE - STA. 37+73 - 38+67 ± RT. (38+95 - 39+36 ± RT.)  
REMAINDER:  
RIGHTS:

PARCEL GRANTOR: 33 MARION D. TRYON  
STATIONS: STA. 42+15 - 42+86 ± RT. (320 Sq. Ft. ±)  
TAKING: SLOPE - STA. 42+15 - 42+86 ± RT. (320 Sq. Ft. ±)  
REMAINDER:  
RIGHTS:

PARCEL GRANTOR: 38 DONALD C. & JEAN C. SHEDD  
STATIONS: STA. 45+97 - 46+23 ± RT. (40 Sq. Ft. ±)  
TAKING: SLOPE - STA. 45+97 - 46+23 ± RT. (40 Sq. Ft. ±)  
REMAINDER:  
RIGHTS:

PARCEL GRANTOR: 7 BERTHA L. SAVERY  
STATIONS: STA. 27+83 - 28+68 ± RT. (1160 Sq. Ft. ±)  
TAKING: SLOPE - STA. 27+83 - 28+68 ± RT. (1160 Sq. Ft. ±)  
REMAINDER: 170 Sq. Ft. ±  
RIGHTS:

PARCEL GRANTOR: 20 TRUVE TEMPER CORP  
STATIONS: STA. 34+90 - 35+98 ± LT. (240 Sq. Ft. ±)  
TAKING: SLOPE - STA. 34+90 - 35+98 ± LT. (240 Sq. Ft. ±)  
REMAINDER:  
RIGHTS:

PARCEL GRANTOR: 25 ANTHONY P. & PRISCILLA D. MACHESKI  
STATIONS: STA. 37+88 - 38+55 ± LT. (160 Sq. Ft. ±)  
TAKING: SLOPE - STA. 37+88 - 38+55 ± LT. (160 Sq. Ft. ±)  
REMAINDER:  
RIGHTS:

PARCEL GRANTOR: 34 PAUL G. & CHRISTINA H. WEST  
STATIONS: STA. 42+86 - 43+85 ± RT. (850 Sq. Ft. ±)  
TAKING: SLOPE - STA. 42+86 - 43+85 ± RT. (850 Sq. Ft. ±)  
REMAINDER:  
RIGHTS:

PARCEL GRANTOR: 42 CLAUDE D. & EVELYN Y. BOWLEY  
STATIONS: STA. 59+79 - 60+13 ± RT. (80 Sq. Ft. ±)  
TAKING: SLOPE - STA. 59+79 - 60+13 ± RT. (80 Sq. Ft. ±)  
REMAINDER:  
RIGHTS:

PARCEL GRANTOR: 8 HAROLD W. & JEANNETTE W. EASTMAN  
STATIONS: STA. 33+66 - 34+10 ± RT. (160 Sq. Ft. ±)  
TAKING: SLOPE - STA. 33+66 - 34+10 ± RT. (160 Sq. Ft. ±)  
REMAINDER:  
RIGHTS:

PARCEL GRANTOR: 16 WALLINGFORD ODD FELLOWS ASSOC.  
STATIONS: STA. 33+66 - 34+10 ± RT. (160 Sq. Ft. ±)  
TAKING: SLOPE - STA. 33+66 - 34+10 ± RT. (160 Sq. Ft. ±)  
REMAINDER:  
RIGHTS:

PARCEL GRANTOR: 26 FRANCIS C. & ANNA H. HOADLEY  
STATIONS: STA. 38+53 - 39+03 ± LT. (400 Sq. Ft. ±)  
TAKING: SLOPE - STA. 38+53 - 39+03 ± LT. (400 Sq. Ft. ±)  
REMAINDER:  
RIGHTS:

PARCEL GRANTOR: 35 CLYDE M. & ELIZABETH M. PATCH  
STATIONS: STA. 43+85 - 44+59 ± RT. (400 Sq. Ft. ±)  
TAKING: SLOPE - STA. 43+85 - 44+59 ± RT. (400 Sq. Ft. ±)  
REMAINDER:  
RIGHTS:

PARCEL GRANTOR: 36 HOWARD D. & ANNA M. SMITH  
STATIONS: STA. 44+59 - 45+34 ± RT. (200 Sq. Ft. ±)  
TAKING: SLOPE - STA. 44+59 - 45+34 ± RT. (200 Sq. Ft. ±)  
REMAINDER:  
RIGHTS:

PARCEL GRANTOR: 9 MADWIN H. & HELEN PHILLIPS YOUNG  
STATIONS: STA. 33+97 - 34+91 ± LT. (240 Sq. Ft. ±)  
TAKING: SLOPE - STA. 33+97 - 34+91 ± LT. (240 Sq. Ft. ±)  
REMAINDER:  
RIGHTS:

PARCEL GRANTOR: 18 FIRST BAPTIST CHURCH OF WALLINGFORD  
STATIONS: STA. 33+97 - 34+91 ± LT. (240 Sq. Ft. ±)  
TAKING: SLOPE - STA. 33+97 - 34+91 ± LT. (240 Sq. Ft. ±)  
REMAINDER:  
RIGHTS:

PARCEL GRANTOR: 27 CLIFFORD F. & MARLENE P. DAWSON  
STATIONS: STA. 39+03 - 39+67 ± LT. (360 Sq. Ft. ±)  
TAKING: SLOPE - STA. 39+03 - 39+67 ± LT. (360 Sq. Ft. ±)  
REMAINDER:  
RIGHTS:

PARCEL GRANTOR: 36 HOWARD D. & ANNA M. SMITH  
STATIONS: STA. 44+59 - 45+34 ± RT. (200 Sq. Ft. ±)  
TAKING: SLOPE - STA. 44+59 - 45+34 ± RT. (200 Sq. Ft. ±)  
REMAINDER:  
RIGHTS:

PARCEL GRANTOR: 36 HOWARD D. & ANNA M. SMITH  
STATIONS: STA. 44+59 - 45+34 ± RT. (200 Sq. Ft. ±)  
TAKING: SLOPE - STA. 44+59 - 45+34 ± RT. (200 Sq. Ft. ±)  
REMAINDER:  
RIGHTS:

RIGHTS OF WAY DETAILS

WALLINGFORD

PROJECT NO. S 0138 (I) S.A.  
SHEET 27A OF 61