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REINFORCED CONCRETE DROP INLETS
DETAILS OF GRATES & COVERS FOR DROP INLETS

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS
PROPOSED IMPROVEMENT

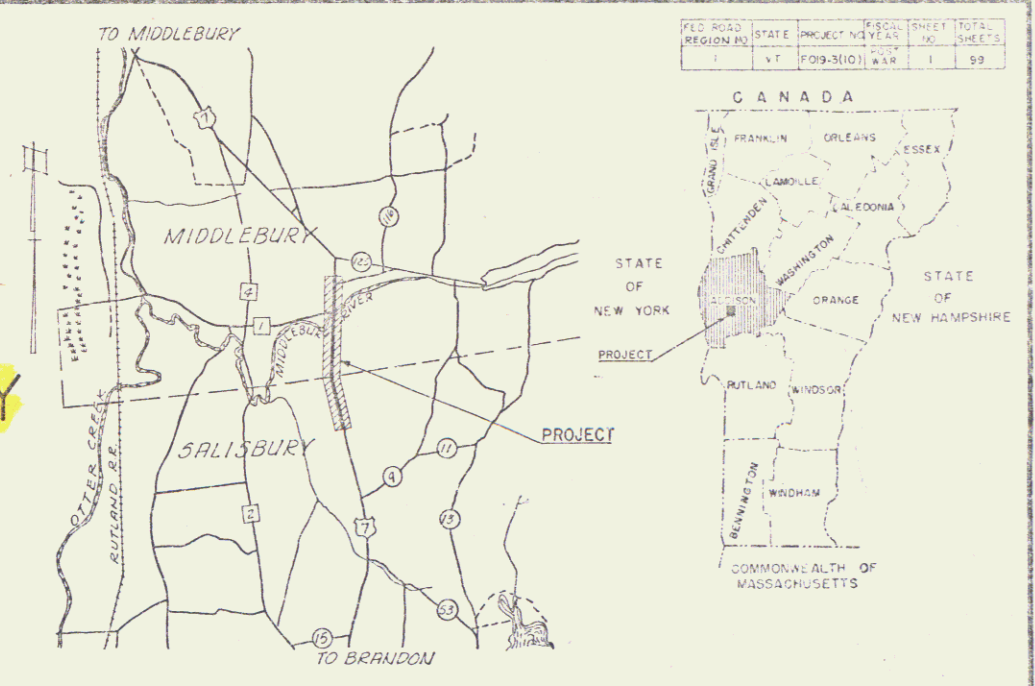
TOWNS OF SALISBURY AND MIDDLEBURY
COUNTY OF ADDISON
U.S. ROUTE 7
BRANDON - MIDDLEBURY ROAD

BEGINNING AT A POINT IN THE TOWN OF SALISBURY 3.964 MILES NORTHERLY OF THE LEICESTER-SALISBURY TOWN LINE AND EXTENDING NORTHERLY 1.610 MILES, INCLUDING BRIDGE.

LENGTH OF ROADWAY 8,298.70 FEET = 1.572 MILES
LENGTH OF BRIDGE 202.00 FEET = 0.038 MILES
LENGTH OF PROJECT 8,500.70 FEET = 1.610 MILES

DESIGN DESIGNATION

ADT (1955)	2400
ADT (1975)	4100
DHV (1975)	570
D	55%
T	8%
V	60 MPH



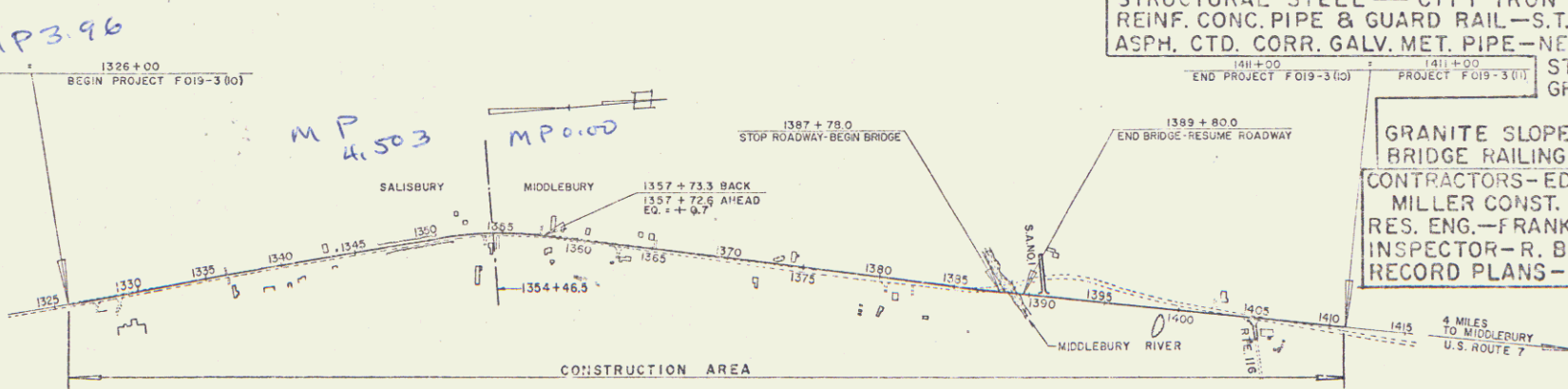
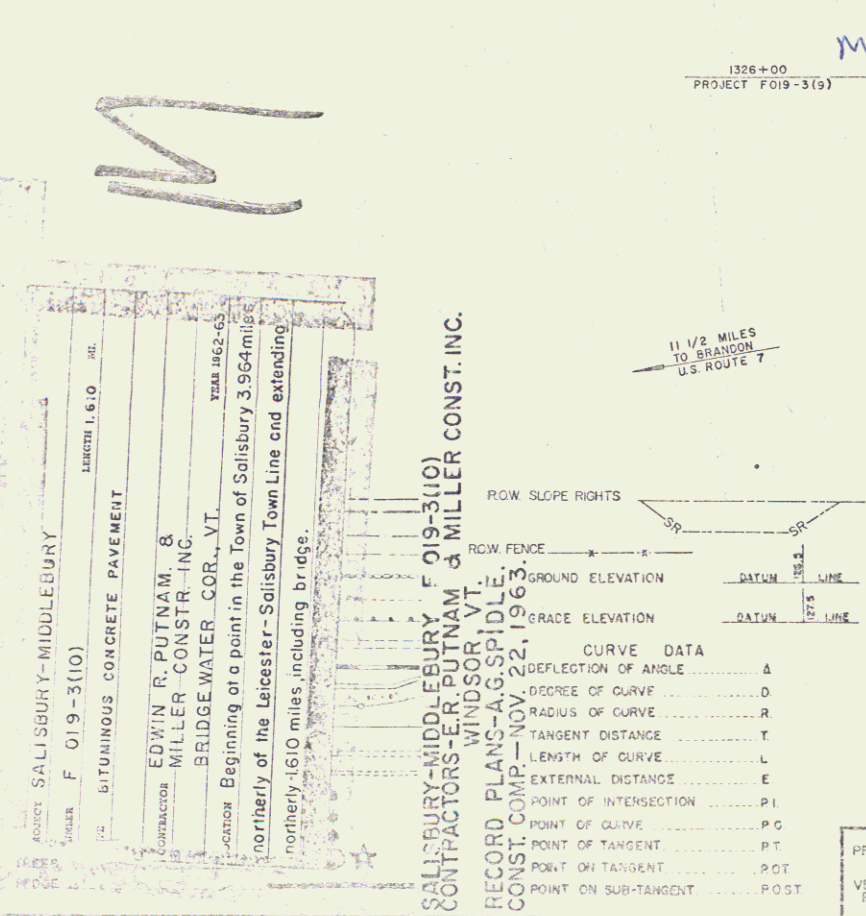
PROJECT NAME & NUMBER TYPE PAVEMENT AREA
SALISBURY-MIDDLEBURY F019-3(10) BIT. CONC. PAV'T. 22,669 S.Y.

RECORD PLANS
MATERIALS

SUBBASE OF GRAVEL - FOSTER PIT - MIDDLEBURY, VERMONT.
SUBBASE OF SAND - WHITNEY PIT - SALISBURY, VERMONT.
CRUSHED GRAVEL PLANT MIXED BASE COURSE & BITUMINOUS CONCRETE - L.M. PIKE & SON INC. (PLANT) - FLORENCE, VERMONT.
GRAVEL SHOULDERS, SAND, PEASTONE & CONCRETE CLASS "B" - JOSEPH P. CARRARA & SONS INC. - EAST MIDDLEBURY, VERMONT.
REFINED TAR - WITCO CHEMICAL CO. - WORCESTER, MASS.
TAR EMULSION - BORDEN CHEMICAL CO. - NEW YORK CITY, N.Y.
ASPHALT - MOBIL OIL CO. - EAST PROVIDENCE, R.I.
STONE GRITS - VERMONT MARBLE CO. - FLORENCE, VERMONT.
REINFORCING STEEL - REPUBLIC STEEL CORP. - YOUNGSTOWN, OHIO.
STRUCTURAL STEEL - CITY IRON WORKS - WEATHERSFIELD, CONN.
REINF. CONC. PIPE & GUARD RAIL - S.T. GRISWOLD & CO. INC. - WILLISTON, VERMONT.
ASPH. CTD. CORR. GALV. MET. PIPE - NEW ENGLAND METAL PIPE CO. - WHITE RIVER JCT., VT.
STEEL PILING - BETHLEHEM STEEL CO. - BETHLEHEM, PA.
GRANITE BRIDGE CURB - BARRETTO GRANITE CORP. - MILFORD, N.H.
GRANITE SLOPE EDGING - E.L. SMITH QUARRY - BARRE, VERMONT.
BRIDGE RAILING - WARD-WELLER CORP. - NEWTON LOWER FALLS, MASS.

CONTRACTORS - EDWIN R. PUTNAM & MILLER CONST. INC. - WINDSOR, VT.
RES. ENG. - FRANK E. ALDRICH.
INSPECTOR - R. BRADY.
RECORD PLANS - A.G. SPIDLE.

CONTRACT DATED - DECEMBER 3, 1962.
STARTED - DECEMBER 12, 1962.
COMPLETED & ACCEPTED - NOVEMBER 22, 1963.



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	PT
POINT ON SUB-TANGENT	POST

SCALES

TITLE	1" = 600'
TYPICAL	AS NOTED
PLAN	1" = 90'
PROFILE HORIZONTAL	1" = 90'
PROFILE VERTICAL	1" = 10'
GROSS SECTIONS	1" = 9'
HIGHWAY CHANNEL	1" = 10'

PREPARED BY: <i>Paul B. Carleton</i> DATE: <i>9-15-62</i>	APPROVED BY: <i>E. W. Bishop</i> DATE: <i>May 16, 1963</i>	APPROVED BY: <i>Wm. J. Ryan</i> DATE: <i>May 16, 1963</i>	APPROVED BY: <i>Wm. J. Ryan</i> DATE: <i>1-9-63</i>	APPROVED BY: <i>Wm. J. Ryan</i> DATE: <i>1-16-1959</i>	APPROVED BY: <i>Wm. J. Ryan</i> DATE: <i>May 16, 1963</i>	APPROVED BY: <i>Wm. J. Ryan</i> DATE: <i>May 16, 1963</i>
VERMONT BE. NO. <i>702</i>	DATE <i>9-15-62</i>	DATE <i>May 16, 1963</i>	DATE <i>1-9-63</i>	DATE <i>1-16-1959</i>	DATE <i>May 16, 1963</i>	DATE <i>May 16, 1963</i>

RIGHT-OF-WAY DIVISION
TOWN FILE
PERPETUAL
Town of U.S. 7
(To Be Returned To R.O.W. Division)
Pin # 99R467

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 AS APPROVED JULY 8, 1958, INCLUDING ALL SUBSEQUENT APPROVED REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS MAY BE SUBMITTED WITH THE PLANS.

DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS

APPROVED

DIVISION ENGINEER

SALISBURY-MIDDLEBURY F019-3(10)

SHEET 1 OF 11 SHEETS

Survey
Hwy 1 Brown
1/2
4-50

Rev Curve
 $\Delta = 2^\circ 47' 30''$ RT
 $D = 0^\circ 20'$
 $R = 17,188.7$
 $T = 418.8$
 $L = 837.5$
 $E = 5.1$
De Nor Bank

Survey PI 1319+03.0 =
1319+02.9
 $\Delta = 2^\circ 47' 30''$ RT
 $D = 0^\circ 20'$
 $T = 279.2$

CONSTRUCT DRIVES
1327+74.2 LT
1329+23.2 RT
1329+50.4 LT

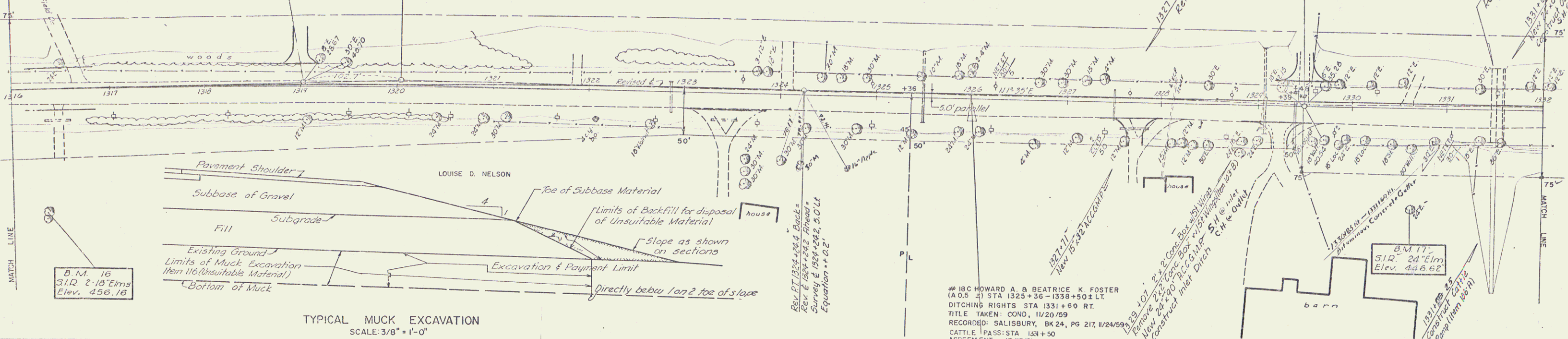
SEEDING - ITEM 611
Topsoil Item 621
Comm Fertilizer for Grasses, Item 615
1327+75 - 1329+15 RT

THREE CABLE GUARD RAIL
WITH STEEL POSTS, ITEM 543
1327+00 - 1331+50 RT
1330+35 - 1331+40 RT
1330+45 - 1331+45 RT

500 REMOVAL
1326+00 - 1331+50
Item 101-A

PAVEMENT REMOVAL
1328+25 - 1331+50
Item 101-A

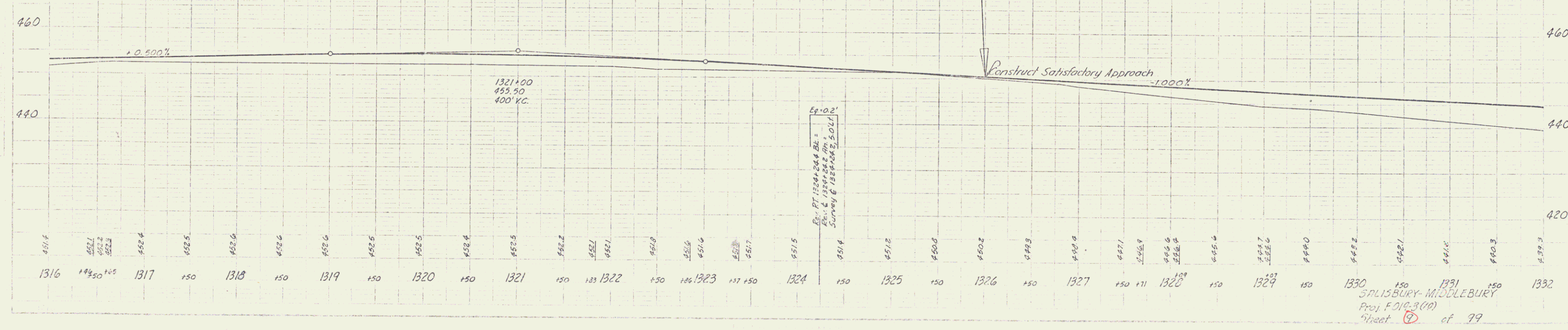
#18 B HOWARD A & BEATRICE K. FOSTER
(A 3.5 2) STA 1309+40 - 1338+77 LT
CULVERT RIGHTS STA 1313+00, 1331+60 ±
TITLE TAKEN: COND, 11/20/59
RECORDED: SALISBURY - BK 24 - PG 229 - 11/24/59



TYPICAL MUCK EXCAVATION
SCALE: 3/8" = 1'-0"

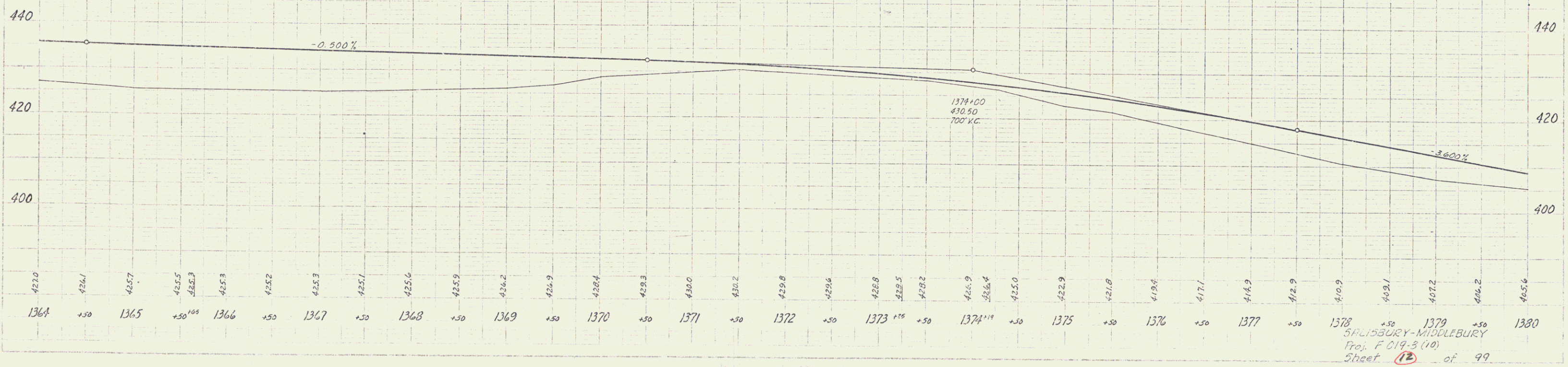
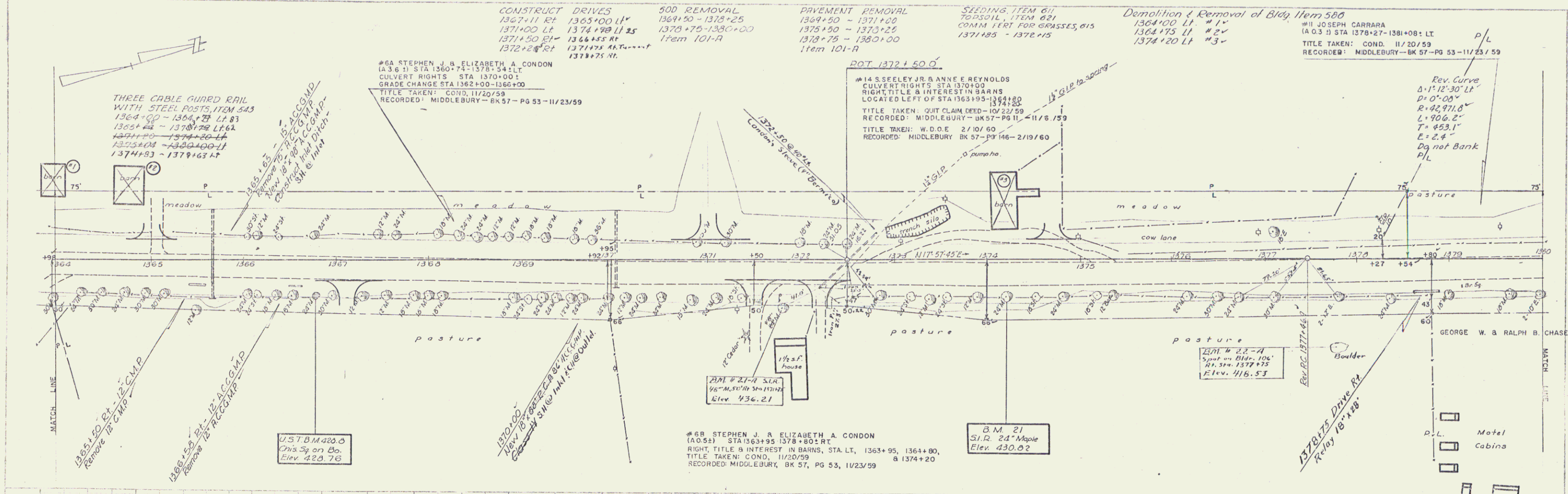
1326+00
END PROJECT FO19-3(9)

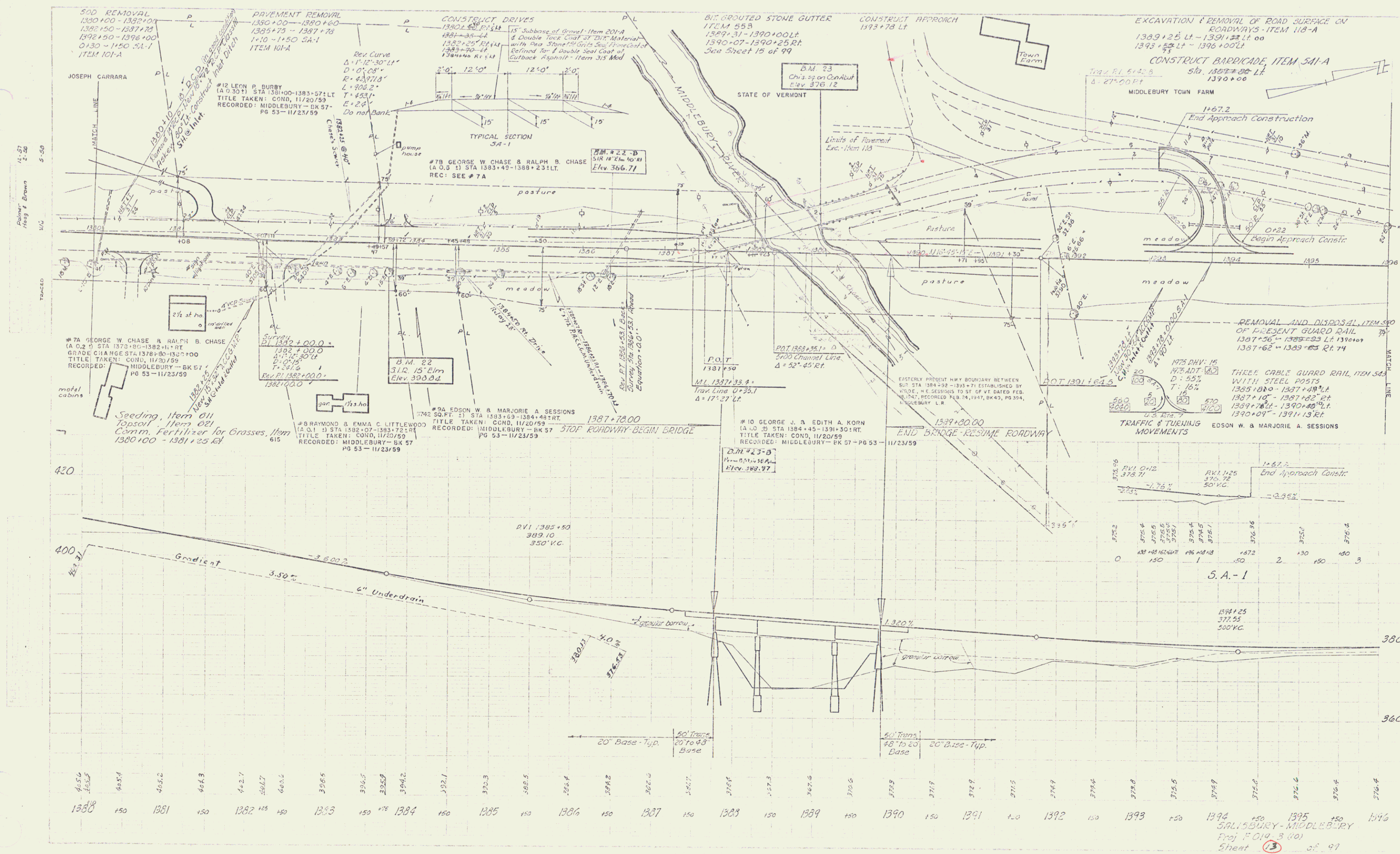
1326+00
BEGIN PROJECT FO19-3(10)

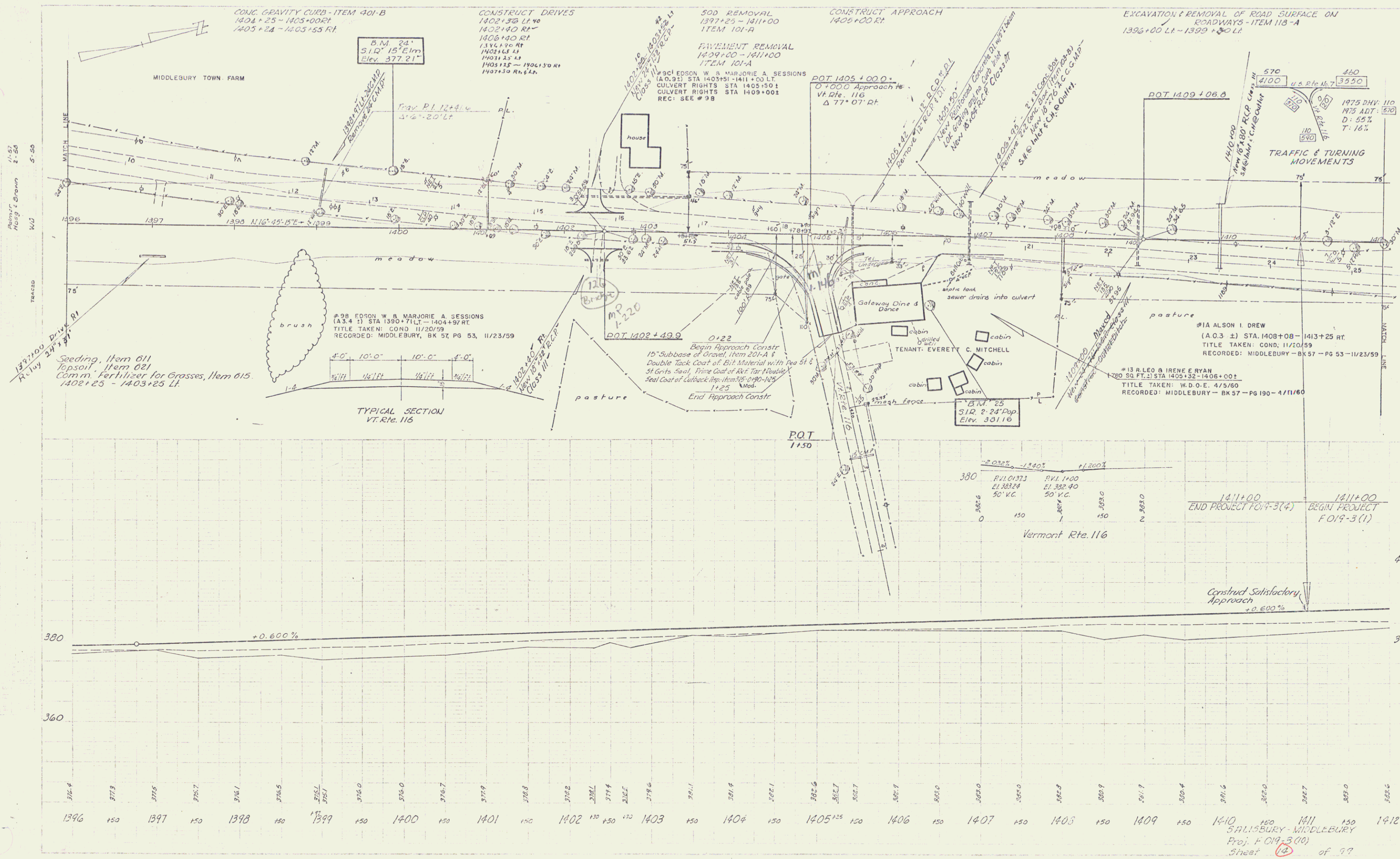


SALISBURY-MIDDLEBURY
Proj FO19-3(10)
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12-52
2-56
WCU
5-58
TRACED







1410 1411 1412
SALISBURY-MIDDLEBURY
Proj. F 019-3(10)
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