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STATE OF VERMONT
DEPARTMENT OF HIGHWAYS

PROPOSED IMPROVEMENT

FEDERAL AID PROJECT

TOWN OF MIDDLEBURY
COUNTY OF ADDISON
U.S. ROUTE 7
BRANDON - MIDDLEBURY ROAD

BEGINNING AT A POINT IN THE TOWN OF MIDDLEBURY 1.071 MILES NORTHERLY OF THE SALISBURY-MIDDLEBURY TOWN LINE AND EXTENDING NORTHERLY 3.182 MILES.

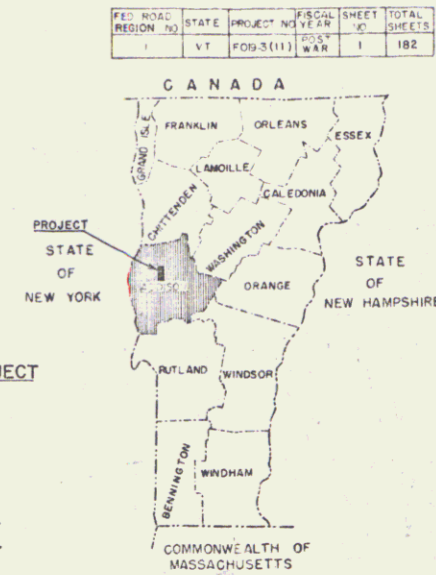
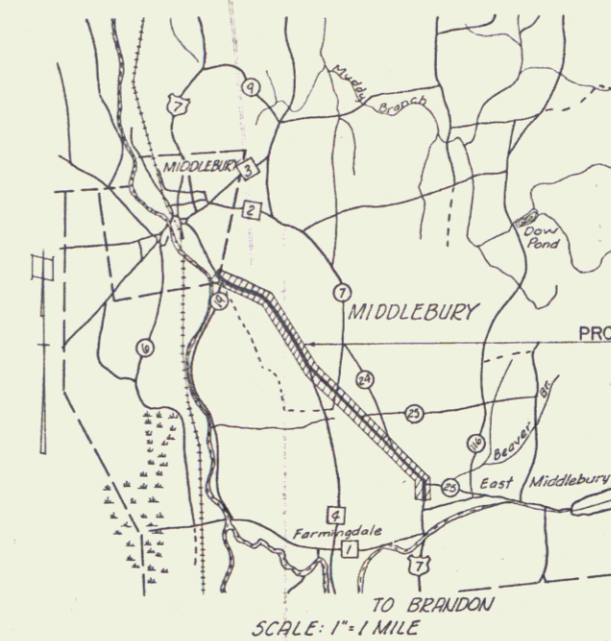
LENGTH OF PROJECT = 16,800.70 FEET = 3.182 MILES

DESIGN DESIGNATION	ADT (1955)	2400
ADT (1975)	3550	
DHV (1975)	720	
D	55 %	
T	8 %	
V	60 M.P.H.	

PROJECT NAME & NUMBER
MIDDLEBURY F 019-3 (11)

TYPE PAVEMENT
BIT. CONCRETE, 3"

AREA
50,000 S.Y.



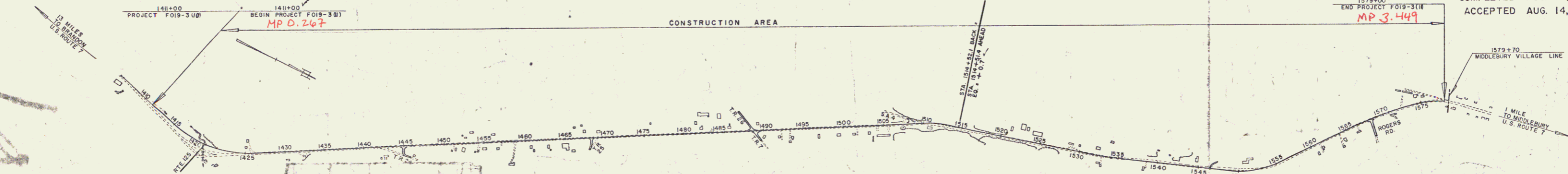
MATERIALS

SUB-BASE OF GRAVEL - FOSTER PIT, EAST MIDDLEBURY, VT.
SUB-BASE OF SAND - JOHNSON PIT, EAST MIDDLEBURY, VT.
GRAVEL SHOULDERS - CHAMPLAIN PIT, MIDDLEBURY, VT.
PEA STONE, CONCRETE CLASS "B" - J. R. CARRARA & SONS, EAST MIDDLEBURY, VT.
GRITS - VERMONT MARBLE CO. FLORENCE, VT.
REFINED TAR - WITCO CHEMICAL CO. WORCESTER, MASS.
ASPHALT - MOBIL OIL CO. PROVIDENCE, R. I.
CRUSHED GRAVEL PLANT MIXED BASE COURSE & BIT. CONCRETE - L. M. PIKE, FLORENCE, VT.
REINFORCING STEEL - REPUBLIC STEEL CORP., SO. BOSTON, MASS.
A.C.C.G.M.P., C.G.M.P.PARCH, C.G.M.P.PE & ALUM. UNDERDRAIN - NORTHEASTERN CULVERT CORP., WESTMINSTER, VT.

R.C.P., R.C.D.I., 3 CABLE GUARD RAIL & ANCHORS, MARKER POSTS & GUIDE POSTS - S.T. GRISWOLD, CO. WILLISTON, VT.
GRATES FOR DROP INLETS - VERMONT STRUCTURAL STEEL CO. BURLINGTON, VT.

CONTRACTOR - OLSON CONST. CORP., MONTPELIER, VT.
RESIDENT ENGINEER - ROBERT W. BUTLER
ASST. RES. ENG. - L.B. FRASER
INSPECTOR - R.E. BRADY
RECORD PLANS - L.B. FRASER

CONTRACT DATED DEC. 4, 1962
STARTED APRIL 15, 1963
COMPLETED AUG. 14, 1964
ACCEPTED AUG. 14, 1964



CONVENTIONAL SIGNS

ROW FENCE	ROW
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	

MIDDLEBURY, VT.
CONTRACTOR - OLSON CONST. CORP., MONTPELIER, VT.
RECORD PLANS - L.B. FRASER
COMPLETED AUGUST 14, 1964

PROJECT MIDDLEBURY
BRIDGE F 019-3 (11)
TYPE BITUMINOUS CONCRETE PAVEMENT
CONTRACTOR OLSON CONST. CORP., MONTPELIER, VT.

Location Beginning at a point in the Town of Middlebury 1.071 miles northerly of the Salisbury-Middlebury Town Line and extending northerly 3.182 miles.

SCALES

GENERAL	1" = 60'
PLAN	AS NOTED
VERTICAL	1" = 50'
HORIZONTAL	1" = 50'
VERTICAL	1" = 10'
CROSS-SECTIONS	1" = 5'

APPROVED DATE 8-29-59	APPROVED DATE 8-16-1962	APPROVED DATE 1-9-59	APPROVED DATE 1-16-1957	APPROVED DATE May 16, 1962
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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.

Pin # 76D070

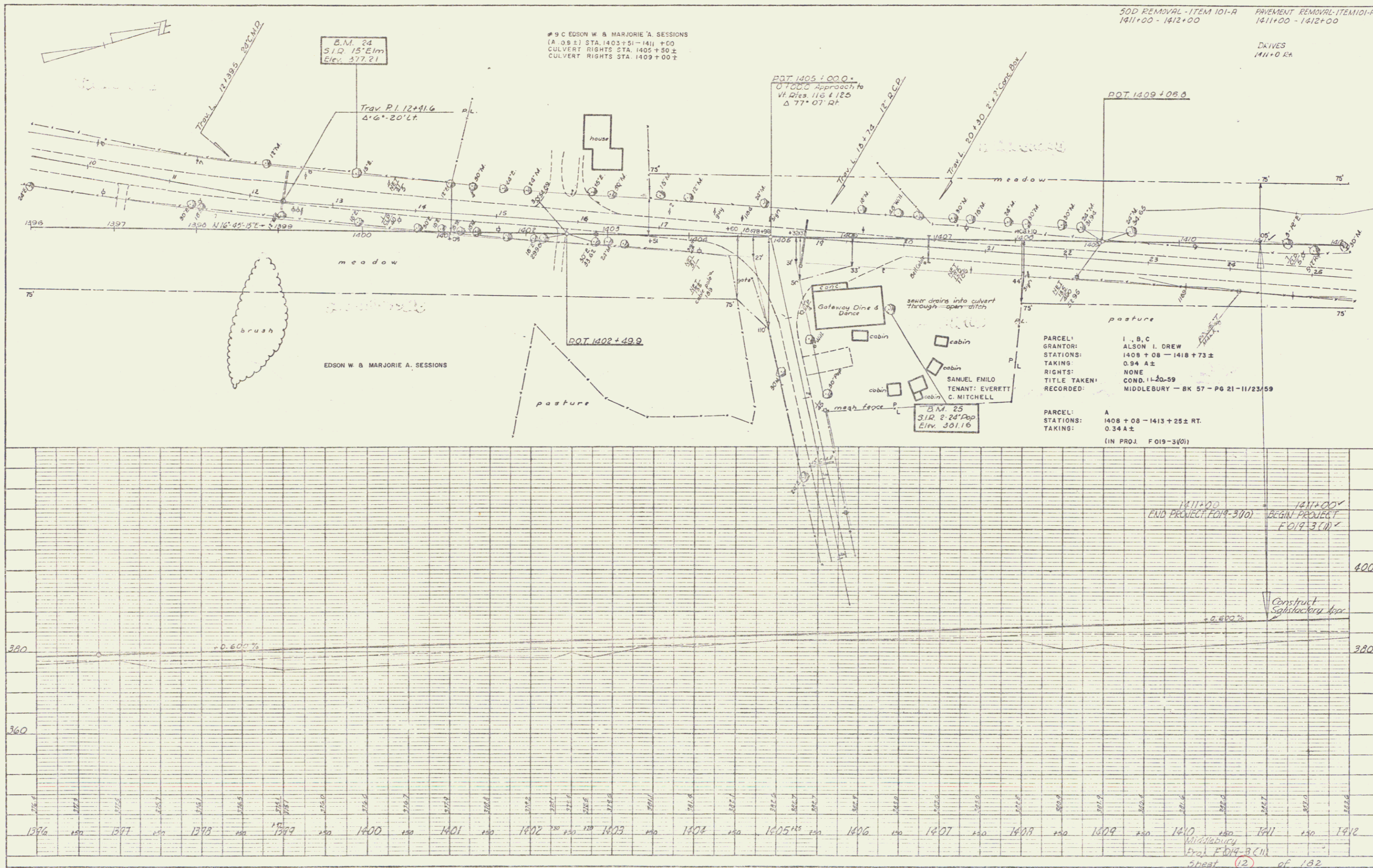
APPROVED	DATE
APPROVED	DATE
APPROVED	DATE
APPROVED	DATE

PROJECT MIDDLEBURY NO. F 019-3 (11)
SHEET 1 OF 182 SHEETS

APR 25 1977

PLAN
 DRAWN BY: [Name]
 CHECKED BY: [Name]
 DATE: [Date]

PROFILE
 DRAWN BY: [Name]
 CHECKED BY: [Name]
 DATE: [Date]



#9 CEDSON W & MARJORIE A. SESSIONS
 (A. 0.9 ±) STA. 1403+51 - 1411+00
 CULVERT RIGHTS STA. 1405+50 ±
 CULVERT RIGHTS STA. 1409+00 ±

50D REMOVAL - ITEM 101-R
 1411+00 - 1412+00
 PAVEMENT REMOVAL - ITEM 101-R
 1411+00 - 1412+00

DRIVES
 1411+00 EX

PARCEL:
 GRANTOR: I. B. C
 ALSON L. DREW
 STATIONS: 1408+08 - 1418+73 ±
 TAKING: 0.94 A ±
 RIGHTS: NONE
 TITLE TAKEN: COND. 11-20-59
 RECORDED: MIDDLEBURY - BK 57 - PG 21 - 11/23/59

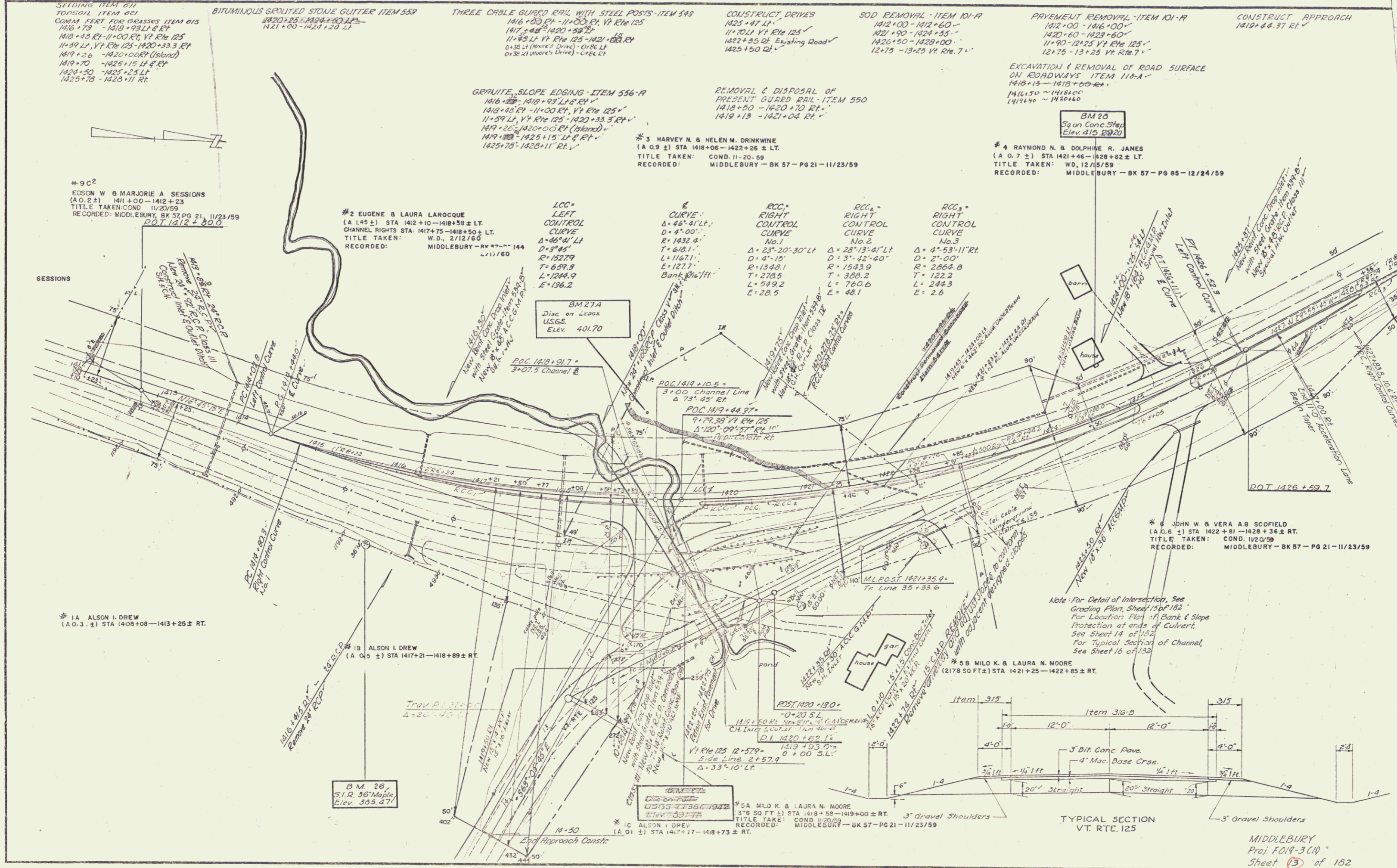
PARCEL:
 STATIONS: A
 1408+08 - 1413+25 ± RT.
 TAKING: 0.34 A ±
 (IN PROJ. F 019-3(01))

1411+00
 END PROJECT F019-3(01)
 1411+00
 BEGIN PROJECT F019-3(01)

Construct Substructure for

PLATE 11 - PLAN-PROFILE OF ROADWAY
 HORIZONTAL & VERTICAL CURVES
 1/2" = 10' HORIZONTAL
 1" = 10' VERTICAL

APR 25 1977



SEEDING ITEM 611
TOPSOIL ITEM 601
COMM. FERT. FOR GRASSES ITEM 615
1416+73 - 1418+93 LT. & RT.
1418+45 RT. - 1420+00 RT. Vt. Rte. 125
1419+26 - 1420+00 RT. (Island)
1419+70 - 1425+15 LT. & RT.
1425+20 - 1425+25 LT.
1425+75 - 1425+11 RT.

BITUMINOUS GRAVELLED STONE GUTTER ITEM 559
1420+25 - 1424+50 LT.
1421+00 - 1424+20 LT.

THREE CABLE GUARD RAIL WITH STEEL POSTS ITEM 543
1416+80 RT. - 1420+00 RT. Vt. Rte. 125
1417+48 RT. - 1420+50 RT.
1419+25 LT. Vt. Rte. 125 - 1421+00 RT.
0+35.11 (New's Drive) - 0+88.11
0+36.21 (New's Drive) - 0+82.11

CONSTRUCT DRIVES
1425+47 LT.
1420+14 Vt. Rte. 125
1422+35 RT. Existing Road
1425+20 RT.

SOD REMOVAL ITEM 101-R
1412+00 - 1412+60
1421+90 - 1424+55
1426+50 - 1429+00
12+75 - 13+25 Vt. Rte. 7

PAVEMENT REMOVAL ITEM 101-R
1412+00 - 1416+00
1420+60 - 1423+60
11+90 - 12+25 Vt. Rte. 125
12+75 - 13+25 Vt. Rte. 7

CONSTRUCT APPROACH
1419+44.37 RT.

GRAVEL SLOPE EDGING ITEM 556-R
1416+75 - 1419+95 LT. & RT.
1419+48 RT. - 1420+00 RT. Vt. Rte. 125
1419+26 LT. Vt. Rte. 125 - 1420+33.5 RT.
1419+26 - 1420+00 RT. (Island)
1419+26 - 1425+15 LT. & RT.
1425+75 - 1425+11 RT.

REMOVAL & DISPOSAL OF
PRESENT GUARD RAIL ITEM 550
1418+50 - 1420+70 RT.
1419+13 - 1421+04 RT.

EXCAVATION & REMOVAL OF ROAD SURFACE
ON ROADWAYS ITEM 118-A
1416+15 - 1418+00 RT.
1416+50 - 1418+00
1419+40 - 1420+10

902
EDSON W & MARJORIE A SESSIONS
(A.O. 2.1) STA 1414+00 - 1412+23
TITLE TAKEN: COND. 11/20/59
RECORDED: MIDDLEBURY - BK 57-PG 21 - 11/23/59

2 EUGENE B LAURA LAROCQUE
(A.L.S. 2) STA 1412+10 - 1418+58 ± LT.
CHANNEL RIGHTS STA. 1417+75 - 1418+50 ± LT.
TITLE TAKEN: W.D. 2/12/60
RECORDED: MIDDLEBURY - BK 57-PG 14 - 11/17/60

3 HARVEY N & HELEN M. DRINKWINE
(A.O. 9.2) STA 1418+06 - 1422+26 ± LT.
TITLE TAKEN: COND. 11-20-59
RECORDED: MIDDLEBURY - BK 57-PG 21 - 11/23/59

4 RAYMOND N. & DOLPHINE R. JAMES
(A.O. 7.2) STA 1421+46 - 1428+82 ± LT.
TITLE TAKEN: WD, 12/15/59
RECORDED: MIDDLEBURY - BK 57-PG 85 - 12/24/59

LCC =
LEFT
CONTROL
CURVE
No. 1
Δ = 46° 41' LT.
D = 3° 45'
T = 1327.9
L = 1244.9
E = 136.2

CC =
CURVE
No. 2
Δ = 23° 20' 30" LT
D = 4° 15'
R = 1348.1
T = 273.5
L = 549.2
E = 28.5

RCC =
RIGHT
CONTROL
CURVE
No. 2
Δ = 28° 13' 41" LT
D = 3° 42' 40"
R = 1543.9
T = 388.2
L = 750.6
E = 48.1

RCC =
RIGHT
CONTROL
CURVE
No. 3
Δ = 4° 53' 11" RT
D = 2° 00'
R = 2864.8
T = 122.2
L = 244.3
E = 2.6

BM 274
Disc on LEGGE
USGS.
Elev. 401.70

BM 20
Sq on Conc. Step
Elev. 415.20

5 JOHN W & VERA A B SCOFIELD
(A.O. 6.2) STA 1422+31 - 1428+36 ± RT.
TITLE TAKEN: COND. 11/20/59
RECORDED: MIDDLEBURY - BK 57-PG 21 - 11/23/59

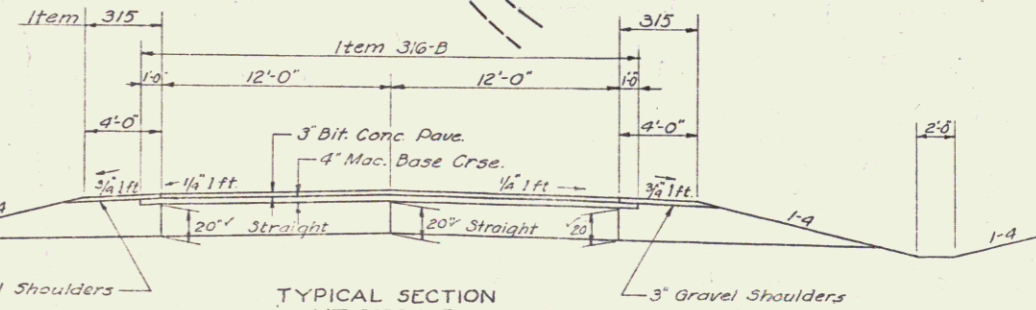
1A ALSON I DREW
(A.O. 3.2) STA 1408+08 - 1413+25 ± RT.

1B ALSON I DREW
(A.O. 5.2) STA 1417+21 - 1418+89 ± RT.

5B MILO K. & LAURA N. MOORE
(2178 SQ FT ±) STA 1421+25 - 1422+85 ± RT.

5A MILO K. & LAURA N. MOORE
(378 SQ FT ±) STA 1418+58 - 1419+00 ± RT.
TITLE TAKEN: COND. 11/20/59
RECORDED: MIDDLEBURY - BK 57-PG 21 - 11/23/59

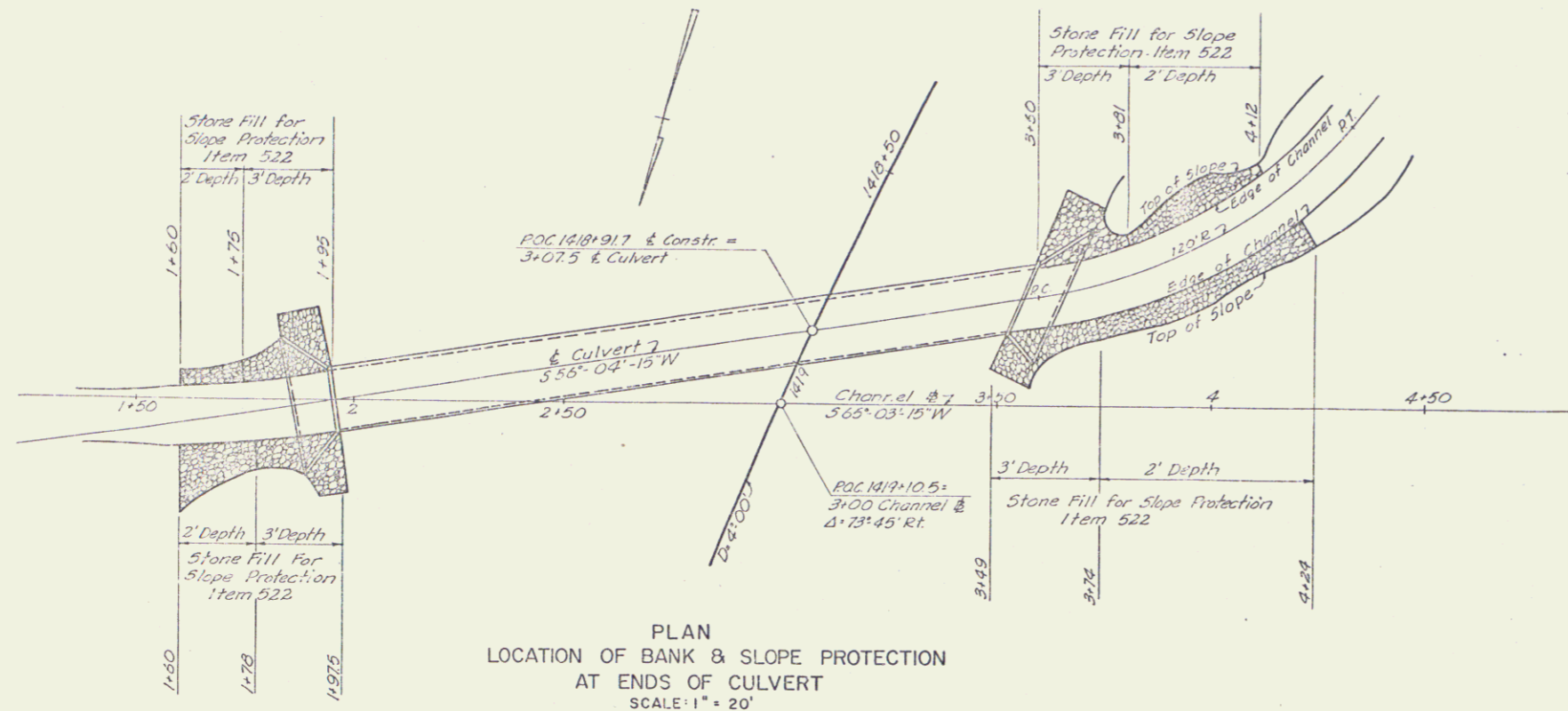
1C ALSON I DREW
(A.O. 1.1) STA 1417+17 - 1418+73 ± RT.



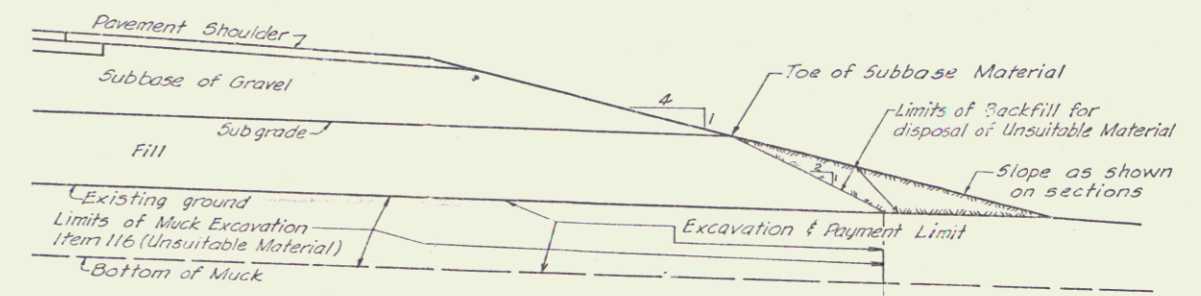
MIDDLEBURY
Proj. FO19-3 (10)
Sheet 13 of 162

APR 25 1977 3

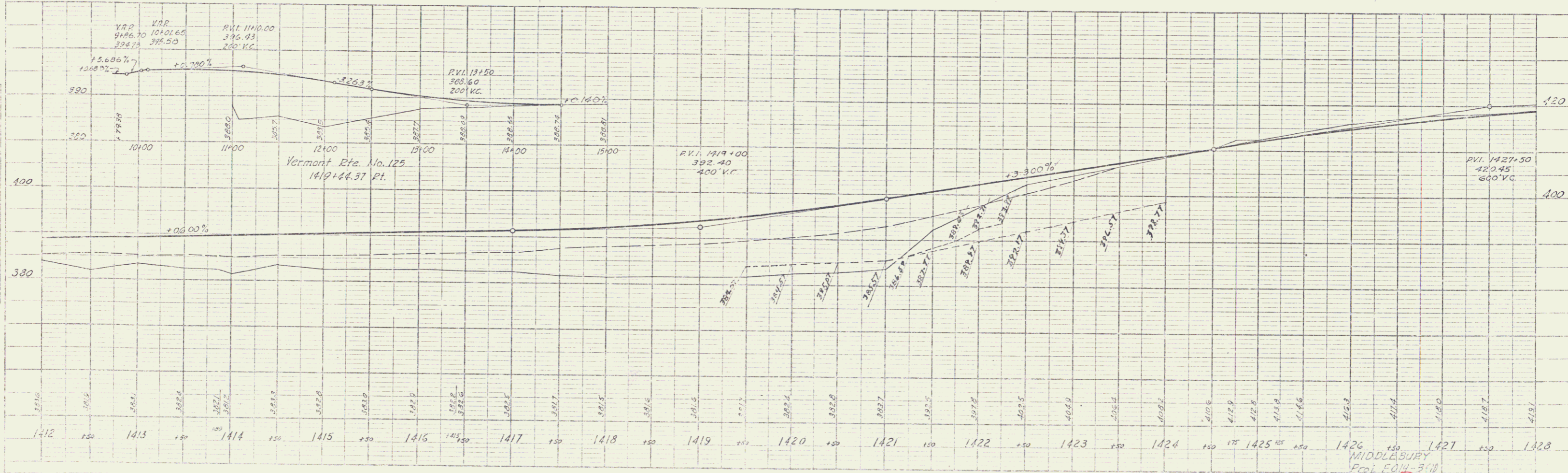
Note: For Typical Section of Channel
See Sheet 16 of 182



PLAN
LOCATION OF BANK & SLOPE PROTECTION
AT ENDS OF CULVERT
SCALE: 1" = 20'



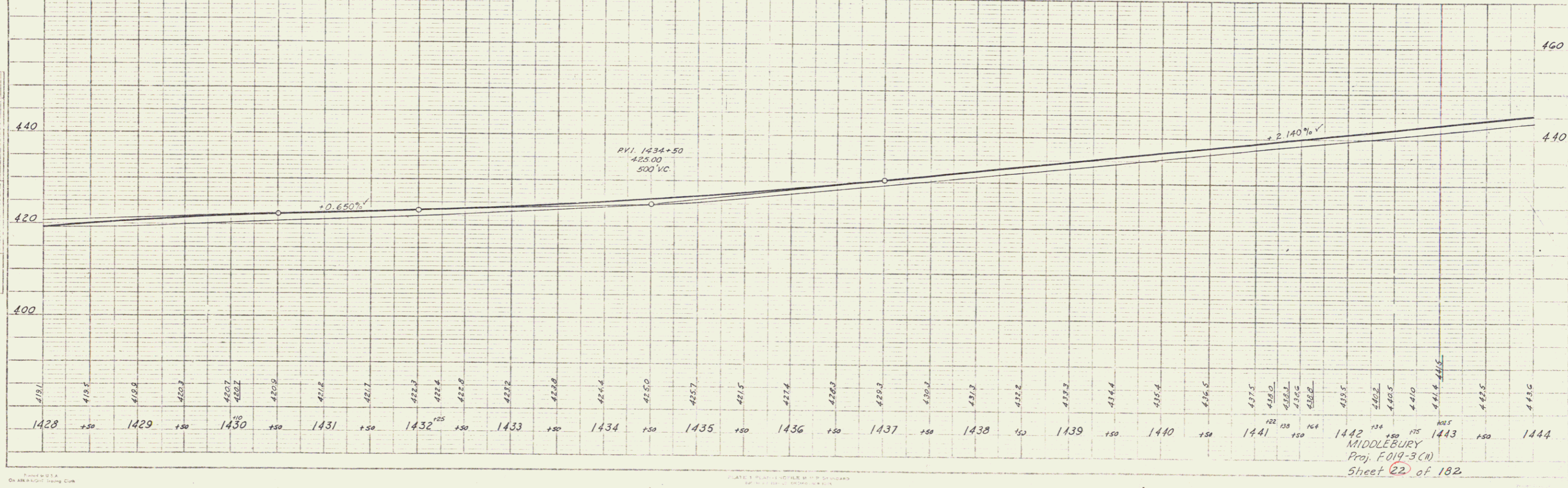
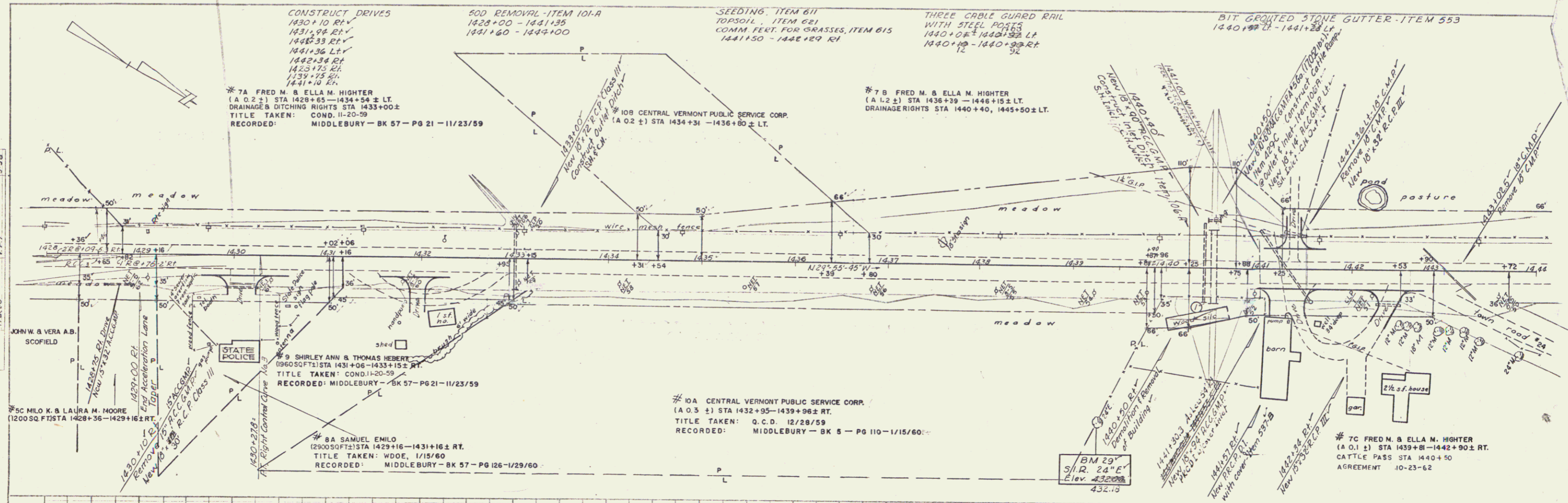
TYPICAL MUCK EXCAVATION
SCALE: 3/8" = 1'-0"



MIDDLEBURY
Proj. ECH 3111
Sheet 14 of 182

PLAN
 DRAWN BY: [unclear]
 CHECKED BY: [unclear]
 DATE: 5/82

PROFILE
 DATE: [unclear]
 SCALE: [unclear]

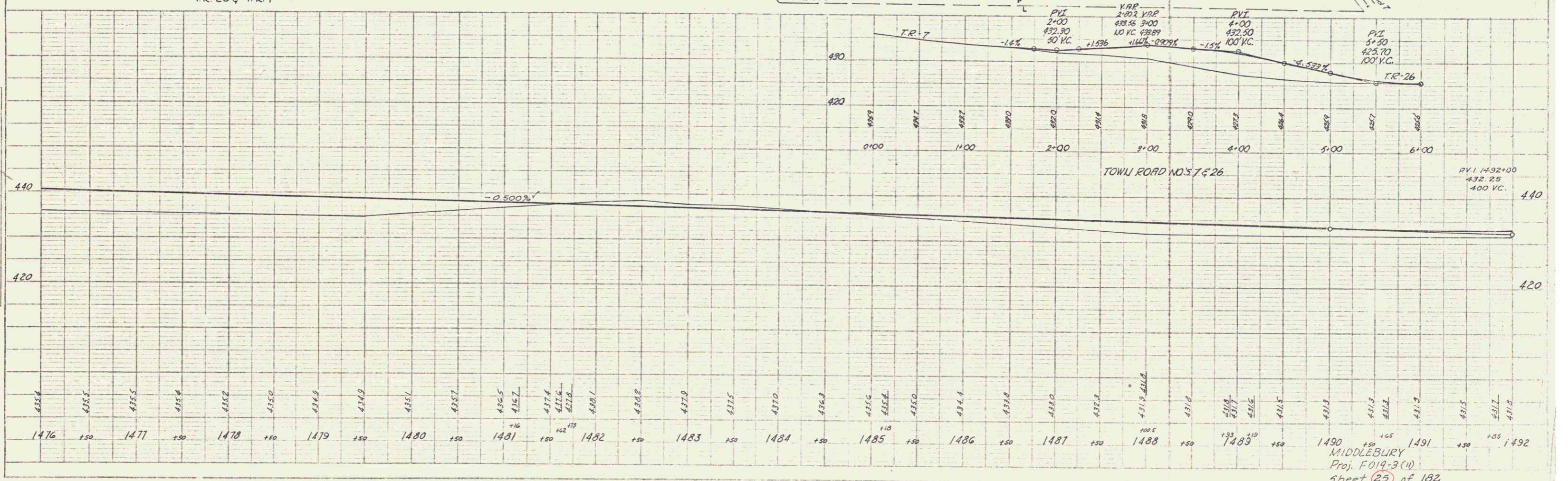
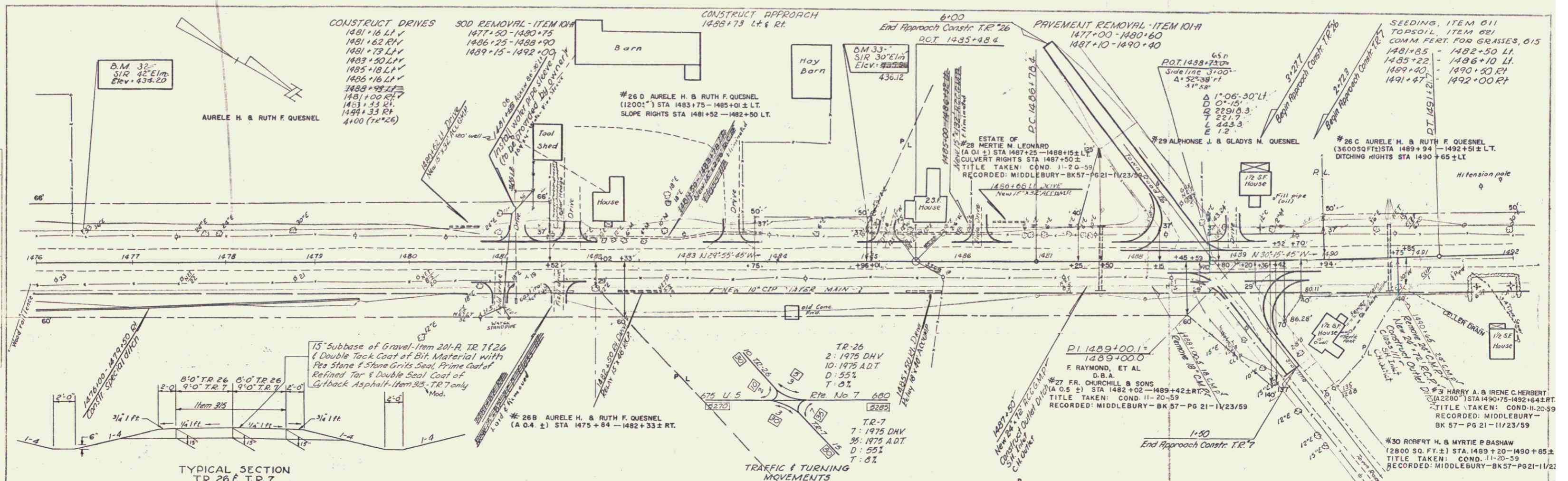


MIDDLEBURY
 Proj. F019-3(1)
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APR 25 1977

DATE	5/2/78
BY	W.B.T.
CHECKED	
APPROVED	
DESIGNED	
PLANNED	
FILED	

PROJECT	ROADWAY IMPROVEMENTS
DATE	5/2/78
BY	W.B.T.
CHECKED	
APPROVED	
DESIGNED	
PLANNED	
FILED	

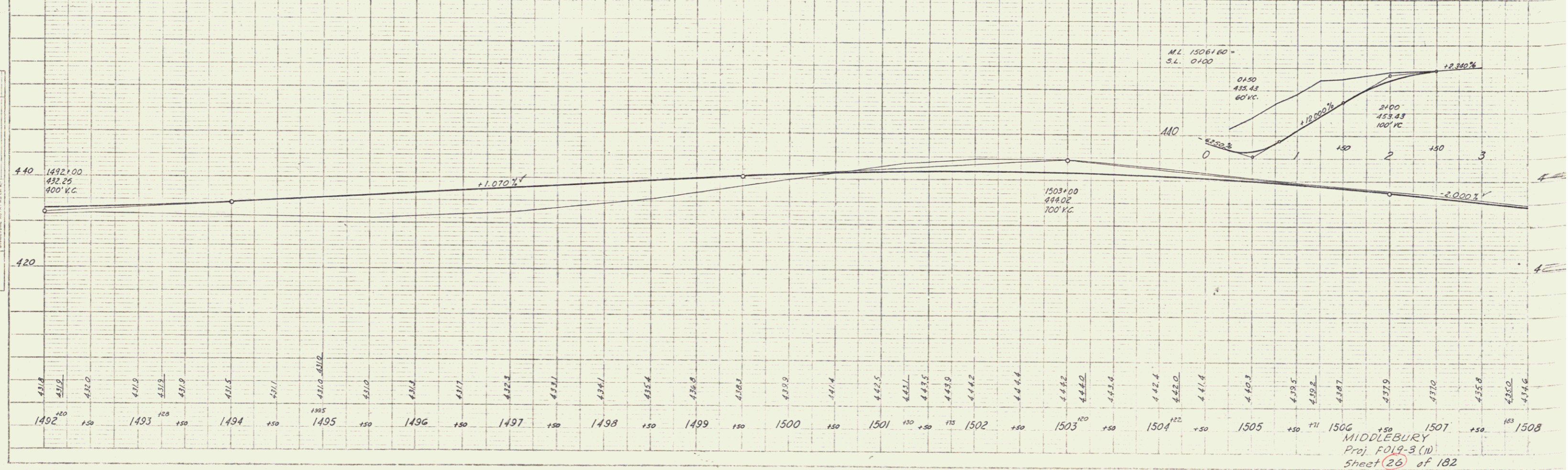
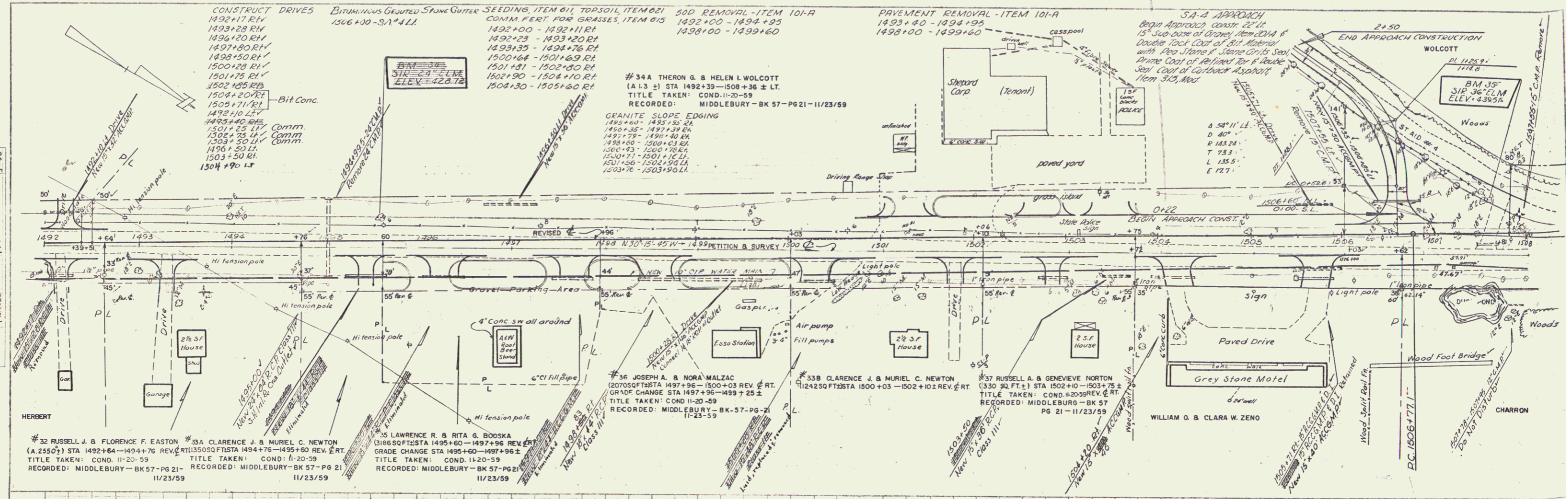


MIDDLEBURY
 Proj. F019-3(11)
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 APR 25 1978

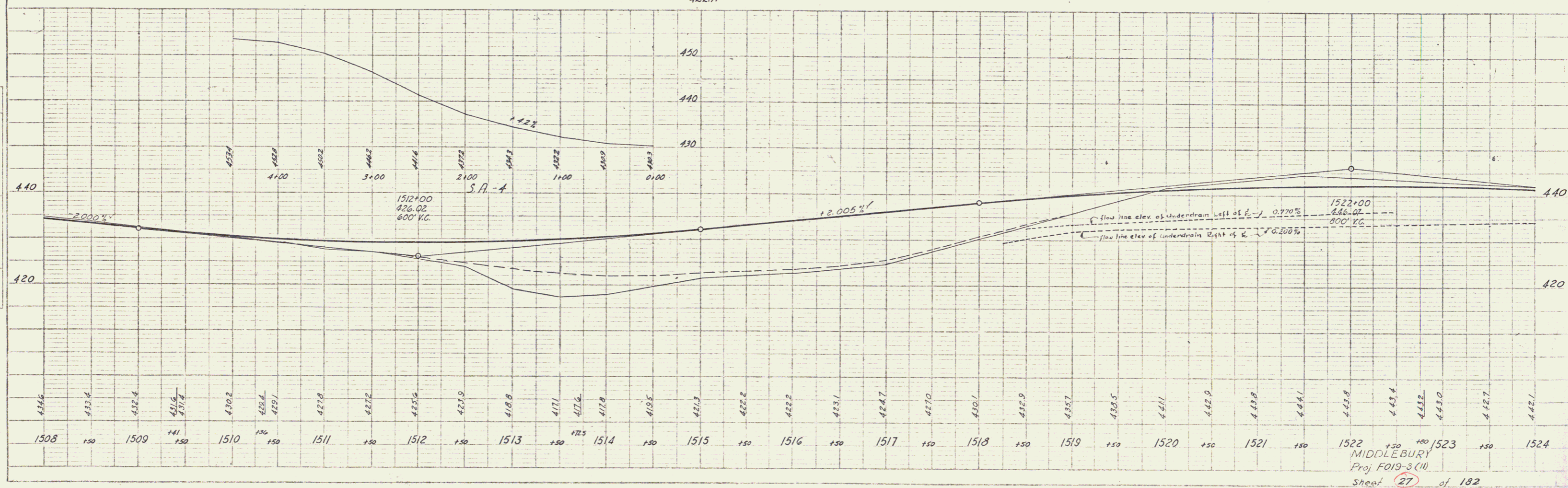
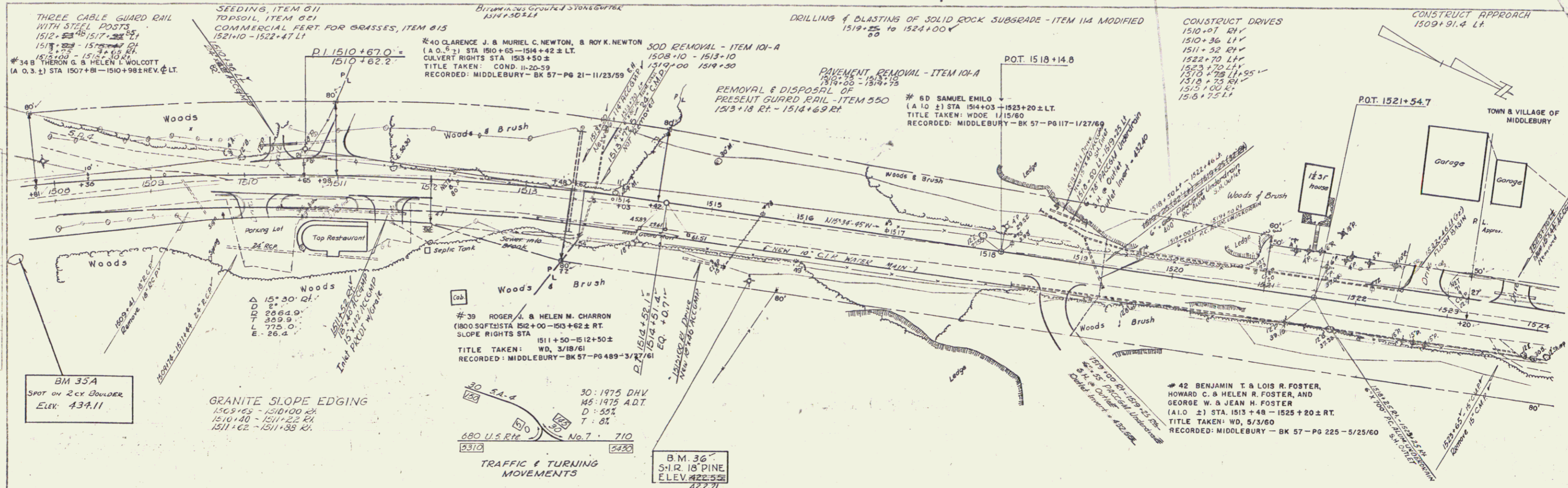
PLAN
 SHEET NO. 10
 DATE 5-76
 DRAWN BY
 CHECKED BY
 TITLE

PROJECT
 MIDDLEBURY
 PROJ. NO. 1019-3 (M)
 SHEET 26 OF 182



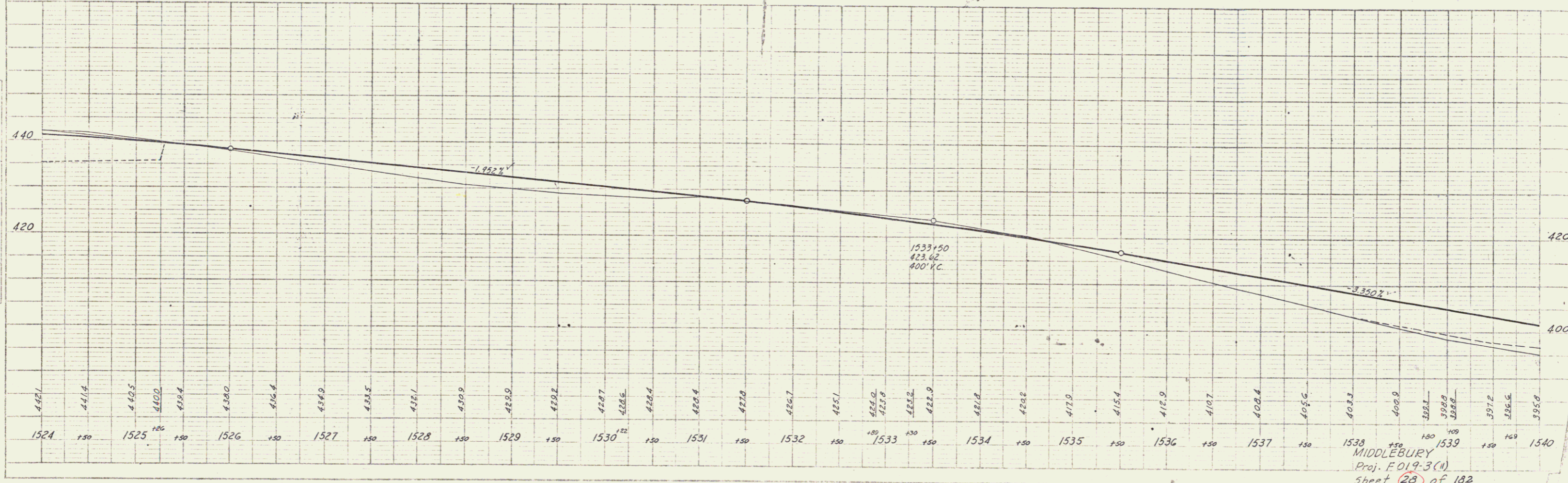
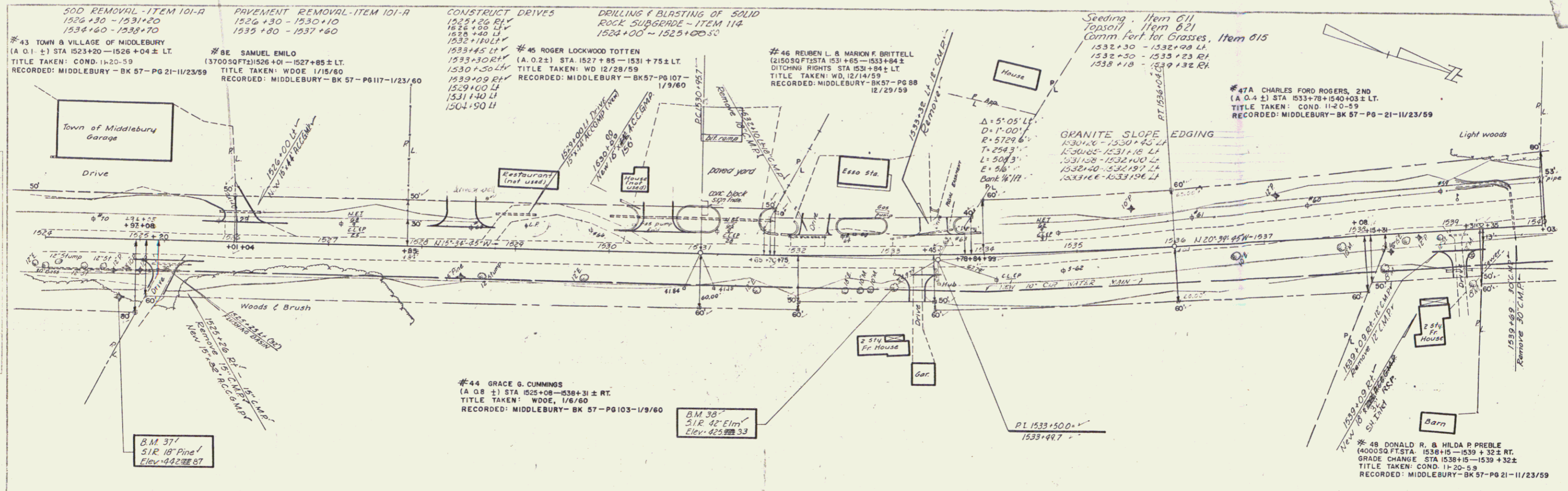
MIDDLEBURY
 Proj. 1019-3 (M)
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 APR 25 1977

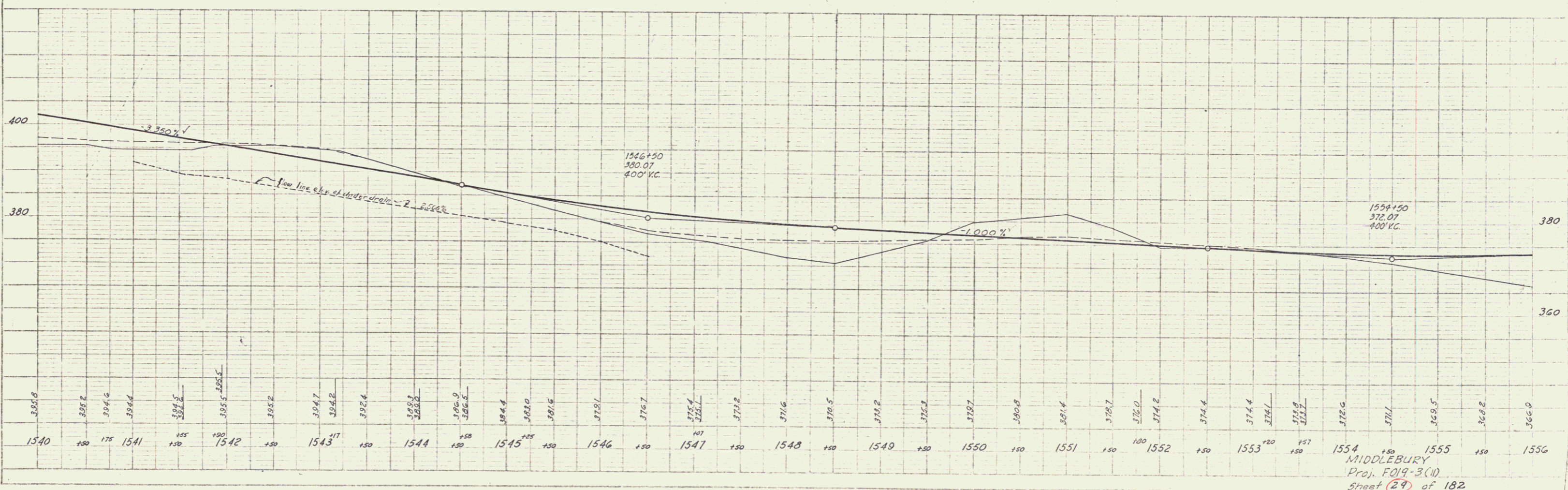
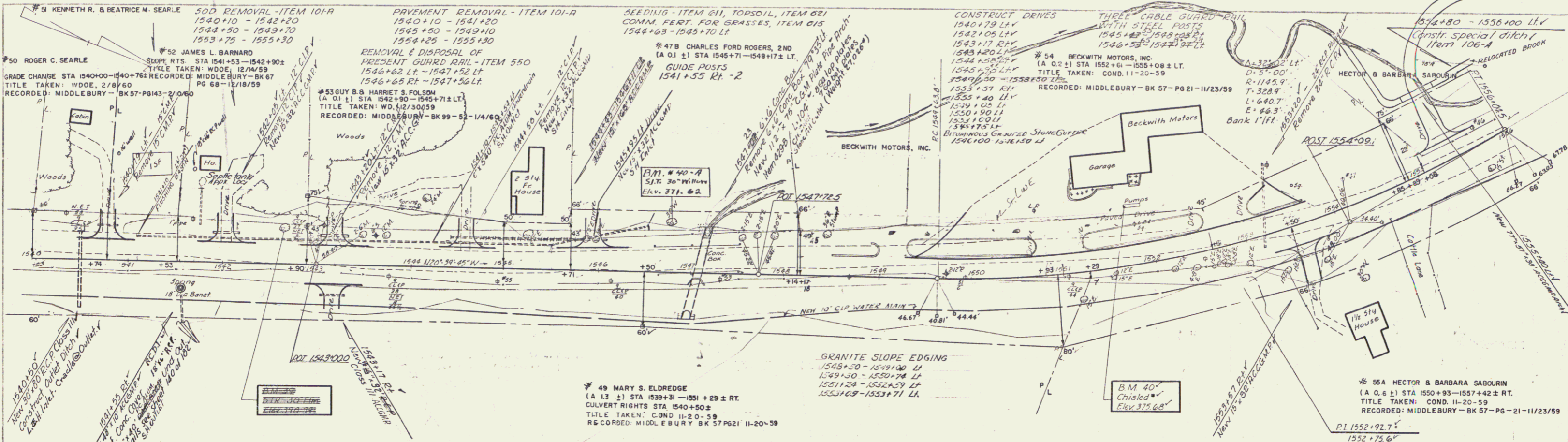


PLIN
 DATE
 TRACED
 5/86

PROFILE
 DATE
 1977



12
 APR 25 1977

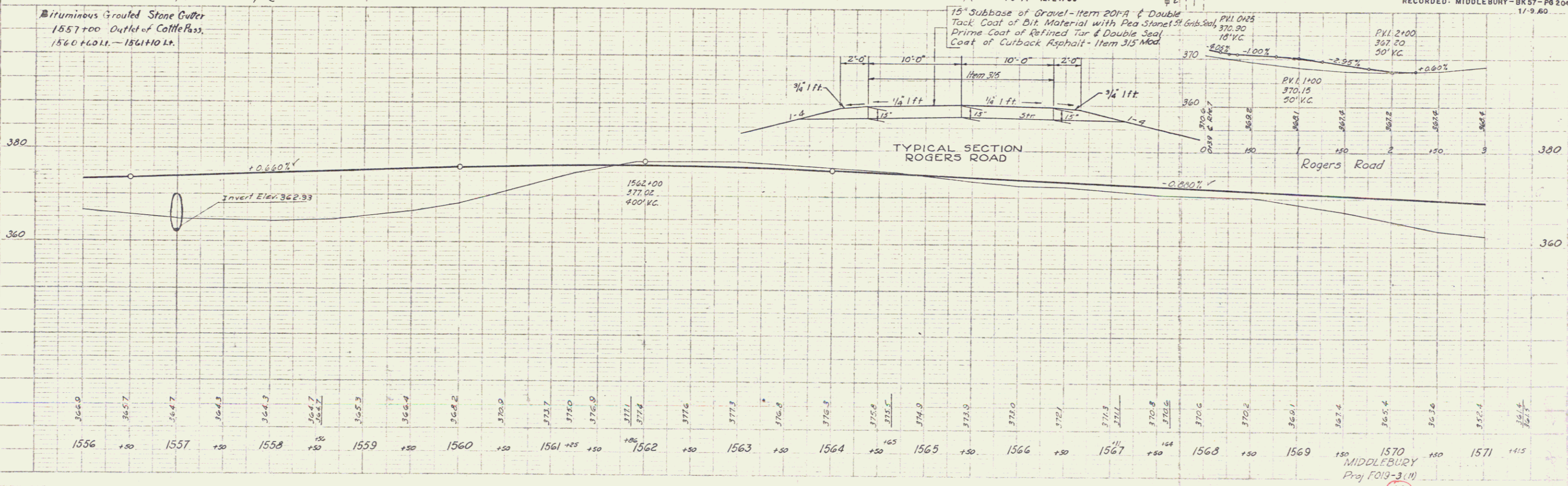
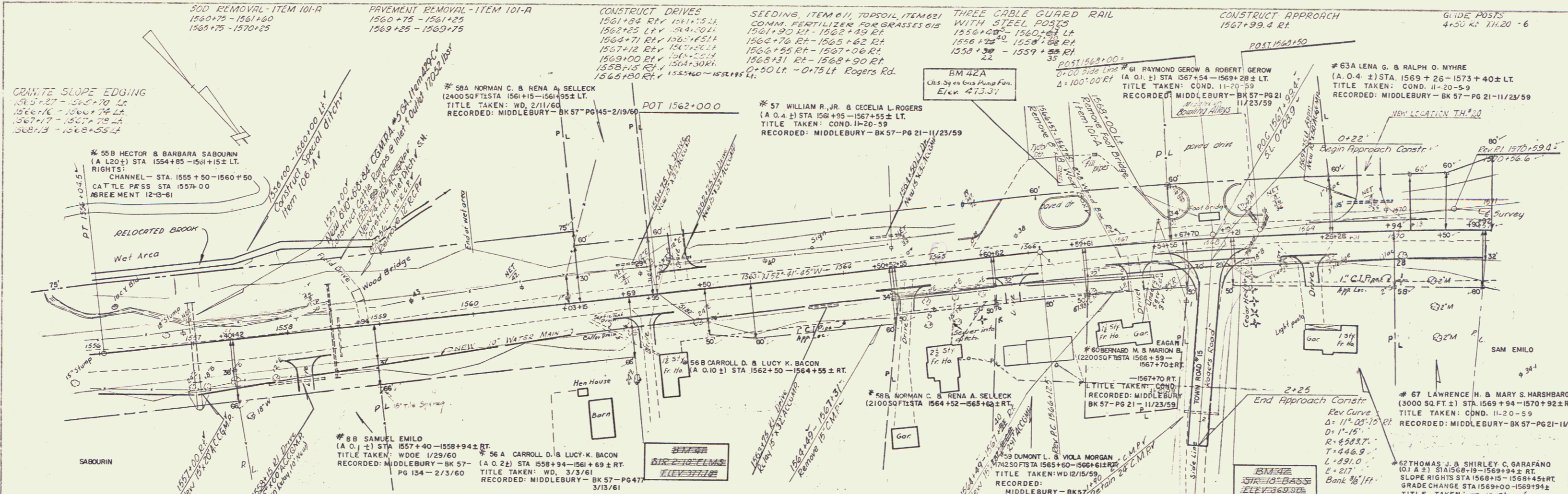


PLAN
 DATE: 11-20-59
 SCALE: 1" = 40'

PROFILE
 DATE: 11-20-59
 SCALE: 1" = 40'

MIDDLEBURY
 Proj. FO19-3(1)
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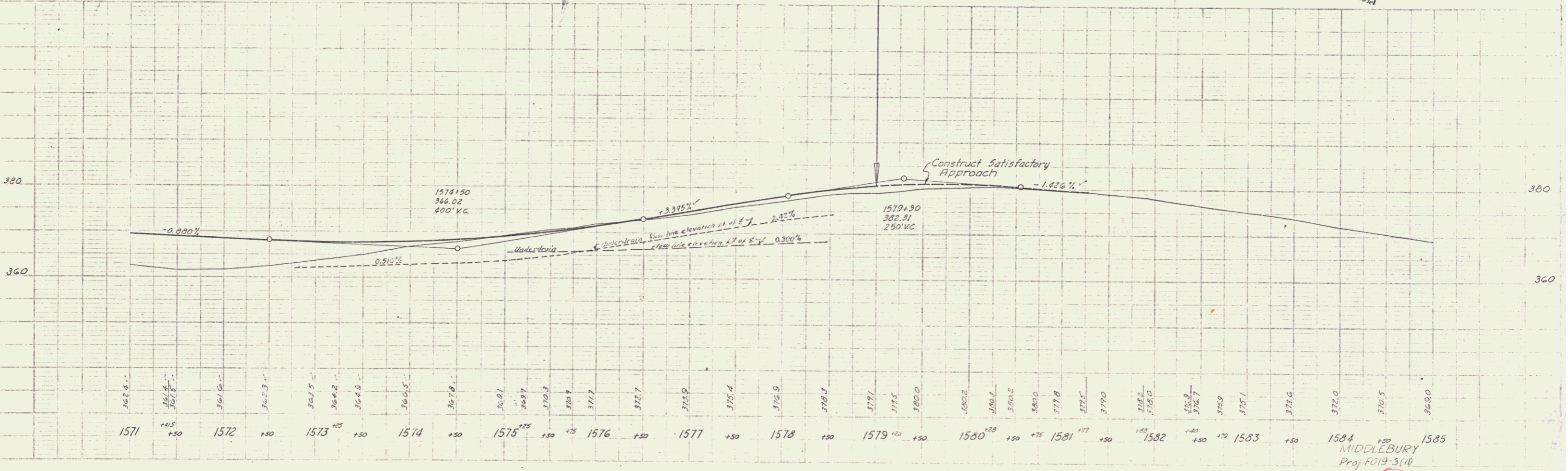
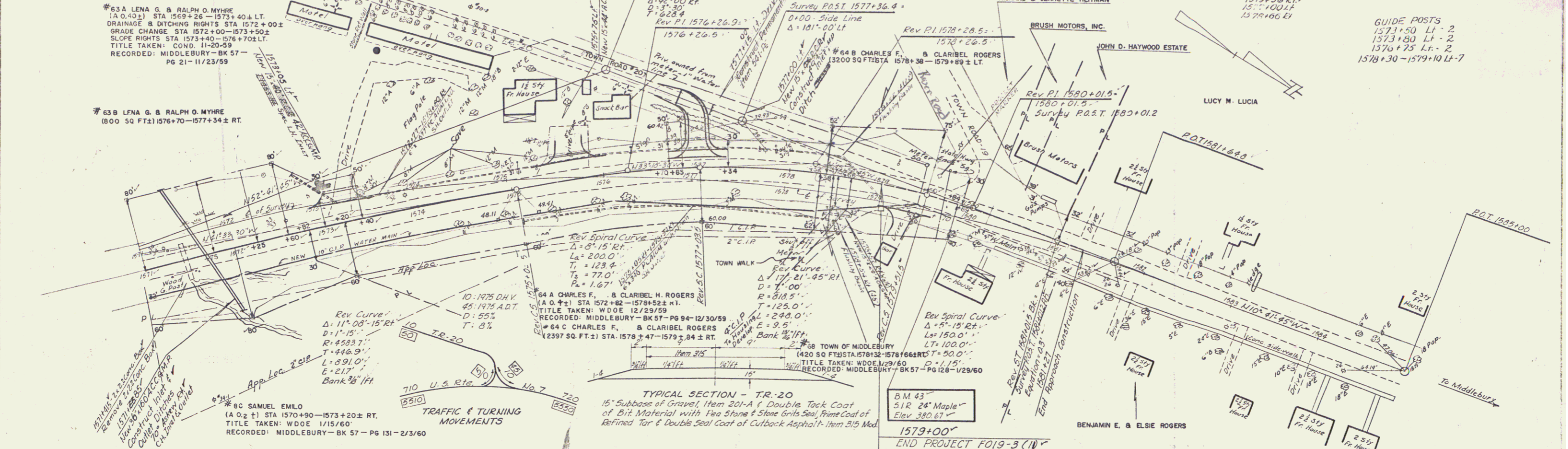
DATE: 11/23/59
 DRAWN BY: J. W. VPT
 CHECKED BY: J. W. VPT
 PROJECT: F019-3(11)

PROFILE
 HORIZ. SCALE: 1" = 100'
 VERT. SCALE: 1" = 10'

MIDDLEBURY
 Proj F019-3(11)
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 APR 25 1977

REMOVAL & DISPOSAL OF 500 REMOVAL - ITEM 101-A
 PRESENT GUARD RAIL - ITEM 550 1572+90 - 1573+70
 1571+26 - 1571+56 Lt. & Rt. 1576+25 - 1579+10



NO.	DESCRIPTION	PKT.
1	PLAN	5-53
2	PROFILE	5-53
3	SECTION	5-53
4	DETAILS	5-53
5	CONTRACT	5-53

NO.	DESCRIPTION	PKT.
1	PLAN	5-53
2	PROFILE	5-53
3	SECTION	5-53
4	DETAILS	5-53
5	CONTRACT	5-53

MIDDLEBURY
 Proj F019-3(10)
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