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STANDARD STRUCTURE SHEETS, APPROVED BY THE CHIEF ENGINEER, VERMONT STATE DEPARTMENT OF HIGHWAYS

S-40 JUNE 10, 1950

STATE OF VERMONT
STATE HIGHWAY DEPARTMENT

PLAN AND PROFILE OF PROPOSED
STATE HIGHWAY

SECONDARY PROJECT

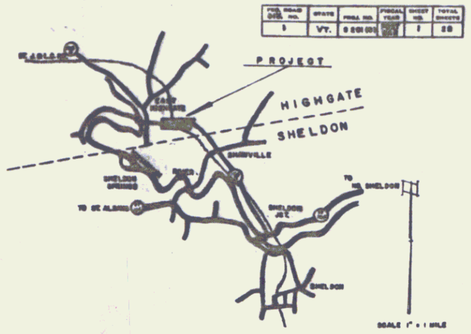
TOWN OF HIGHGATE

COUNTY OF FRANKLIN
SWANTON-SHELDON JCT. ROAD
VERMONT ROUTE ~~104-B~~

BEGINNING AT A POINT APPROXIMATELY 2.8 MILES NORTHWESTERLY OF THE INTERSECTION OF VERMONT ROUTES 105 AND 104-B AND EXTENDING SOUTHEASTERLY 4,050.1 FEET.

LENGTH OF PROJECT 4,023.1 FEET = 0.762 MI.

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
1	VT.	S 201 (8)	1951	1	28



Project S 201(8)
Pin # 00R442
Route VT 78
Date 2/13/1951

MP 6.877

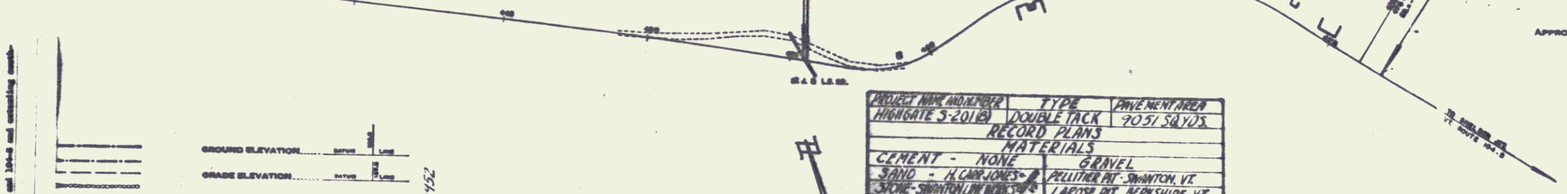
STA. 436+99
END PROJECT FAS. 201 (3) (1940) | BEGIN PROJECT S 201 (8)

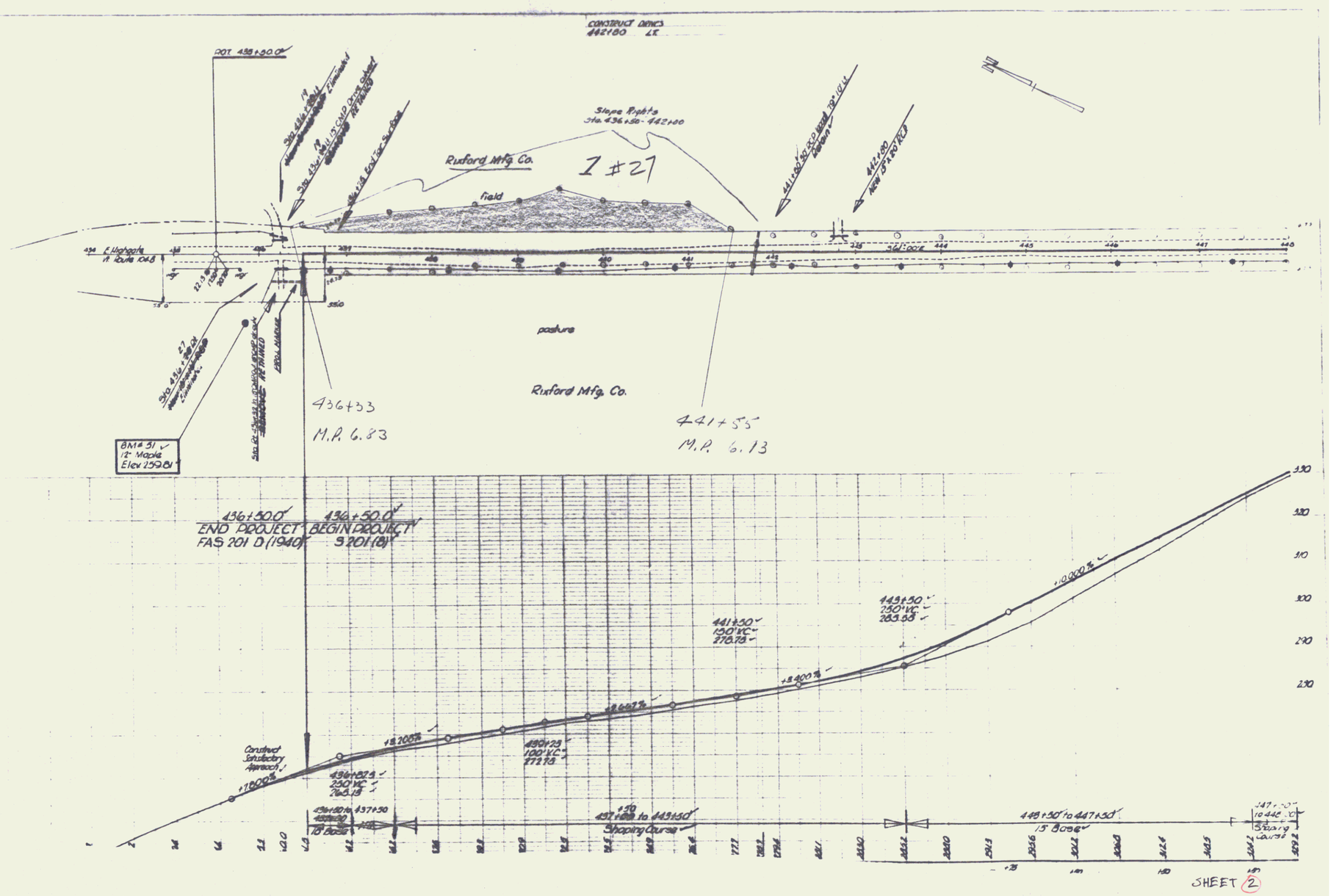
Note: Any further information concerning final quantities, amounts or other details relative to this project may be found in either the field books or the estimate file.

436+49 TO 465+86.1 NOT INCLUDED IN PROJECT

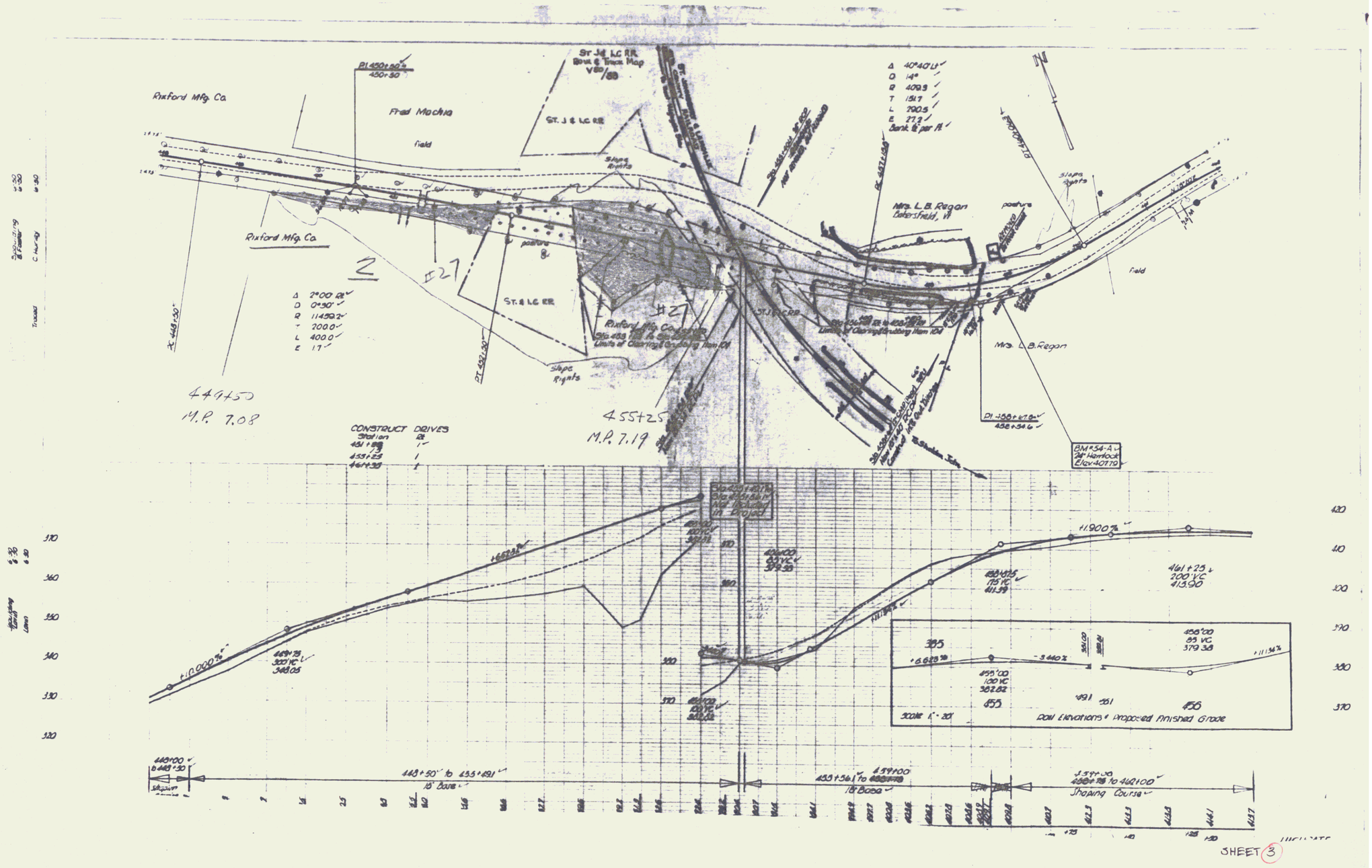
MP 7.645

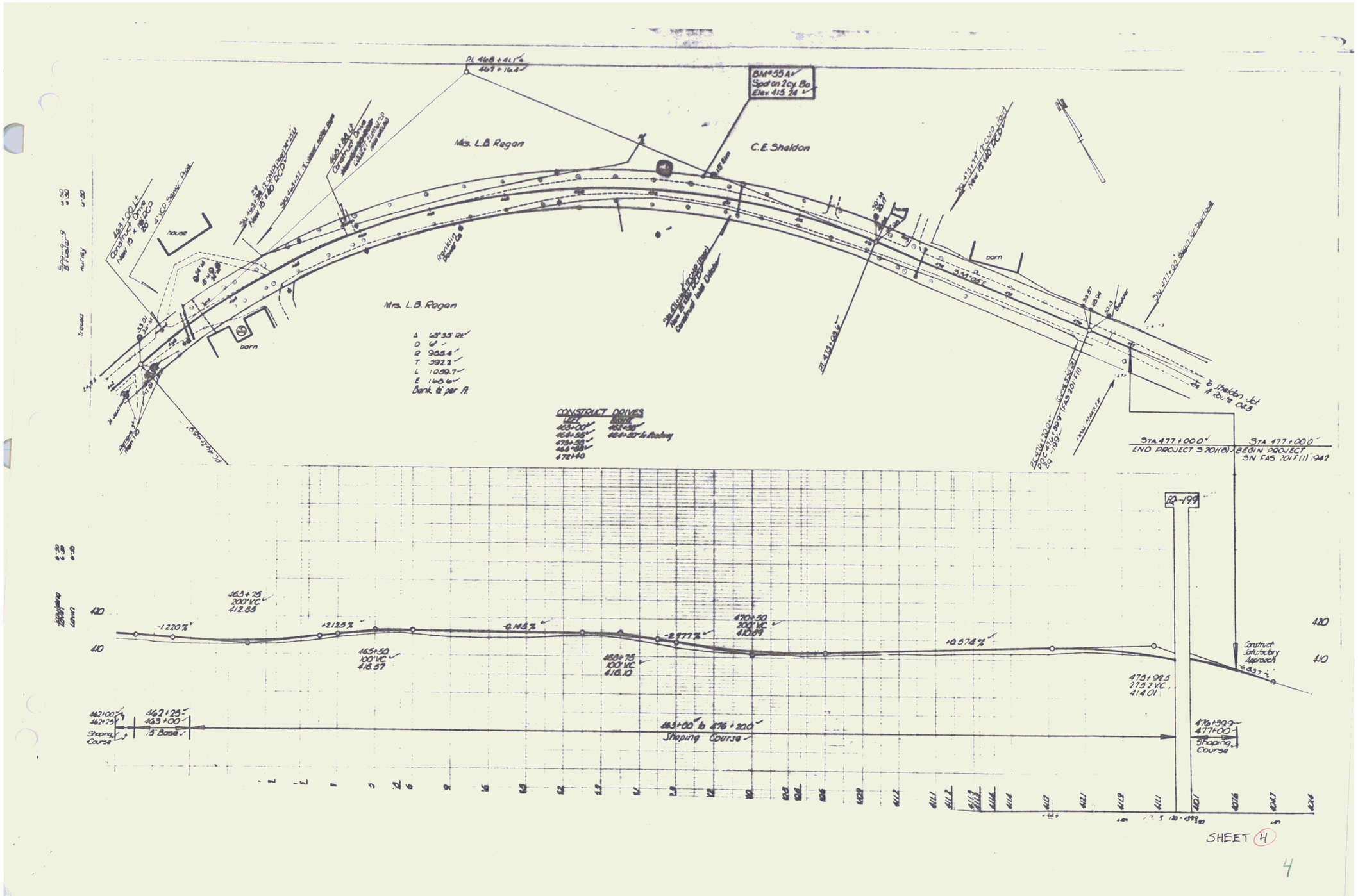
STA. 477+09
END PROJECT S 201 (8) | BEGIN PROJECT SN FAS. 201 F (1) (1942)




CONSTRUCT DRIVES
442+80 LT.
POT. 435+50.0
Slope Rights
Sta. 436+50 - 442+00
Rixford Mfg. Co.
Field
Pasture
Rixford Mfg. Co.
436+33
M.P. 6.83
441+55
M.P. 6.13
BM # 51
12" Maple
Elev 259.81
436+50.0
END PROJECT
FAS 201 D (1940)
436+50.0
BEGIN PROJECT
S 201 (8)
Construct Satisfactory Approach
+7.800%
+8.200%
+8.667%
+8.400%
+10.000%
441+50
150' VC
278.75
443+50
250' VC
283.55
436+82.5
250' VC
265.15
439+29
100' VC
272.15
437+50 to 443+50
Shoping Course
449+50 to 447+50
15' Base
Spary Course
SHEET 2

2


Rixford Mfg. Co.
Fred Mocha
field
St. J & L.C. R.R.
Rixford Mfg. Co.
pasture
St. J & L.C. R.R.
Slope Rights
Mrs. L.B. Regan
Bakersfield, Vt
pasture
field
Mrs. L.B. Regan
Rixford Mfg. Co.
Slope Rights
Δ 2°00' Rt
D 0°30'
R 1145.92
T 200.0
L 400.0
E 17
Δ 40°40' Lt
D 14°
R 409.3
T 151.7
L 290.5
E 27.2
Bank ½ per ft
44+50
M.P. 7.08
45+25
M.P. 7.19
CONSTRUCT DRIVES
Station Rt
451+88 1
453+25 1
461+35 1
BM #54-A
24" Hemlock
Elev 407.70
+1.900%
+1.000%
+6.623%
-3.440%
+11.134%
461+25
200' VC
413.90
464+25
320' VC
348.05
455'00
100' VC
382.82
458'00
85' VC
379.38
Row Elevations & Proposed Finished Grade
Scale 1" = 20'
443+00 to 453+91
18' Base
453+56 to 459+00
18' Base
457+00 to 462+00
Shaping Course
SHEET 3
3


Mrs. L.B. Ragan
C.E. Sheldon
BM 455 AV
Spot on 2 cy. Ba.
Elev. 415.24
house
barn
Mrs. L.B. Ragan
barn
Δ 43°35'24"
D 6°
R 955.4'
T 392.2'
L 1059.7'
E 168.6'
Bank 6" per ft.
CONSTRUCT DRIVES
LEFT
463+00'
464+55'
479+55'
468+55'
472+40
RIGHT
463+50'
468+55' to Roadway
STA 477+00.0'
END PROJECT S 201(8)
STA 477+00.0'
BEGIN PROJECT
SN FAS 201 F(1) 942
To Sheldon Jct.
RQ-199
Construct Satisfactory Approach
-1.220%
+2.125%
-0.145%
-2.977%
+0.574%
463+25
200' VC
412.85
465+50
100' VC
418.57
468+75
100' VC
418.10
470+50
200' VC
410.69
475+99.5
275.2' VC
414.01
462+00
462+25
Shaping Course
462+25
463+00
15" Base
463+00' to 476+200'
Shaping Course
476+99.9
477+00
Shaping Course
420
410
SHEET 4
4