

OURI
STATE HIGHWAY DEPARTMENT
**PLAN AND PROFILE OF PROPOSED
STATE ROAD**

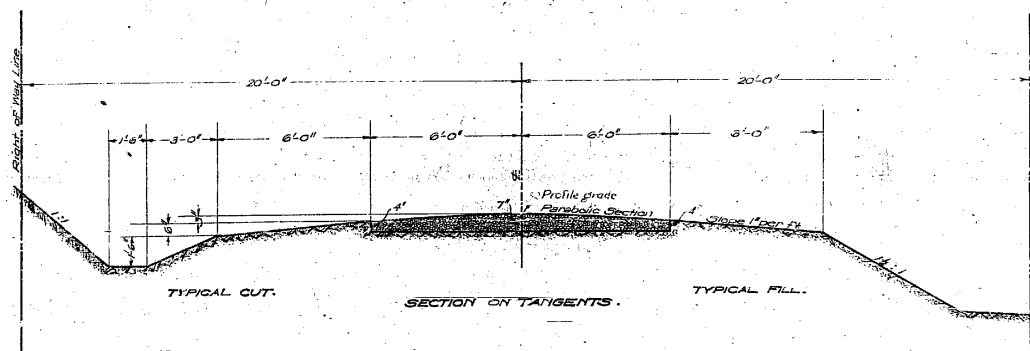
FEDERAL AID PROJECT
BUTLER COUNTY
FROM POPLAR BLUFF TO ARKANSAS LINE

SCALES
PLAN 1"=100'
PROFILE 1"=10'
CROSS-SECTION 1"=20'



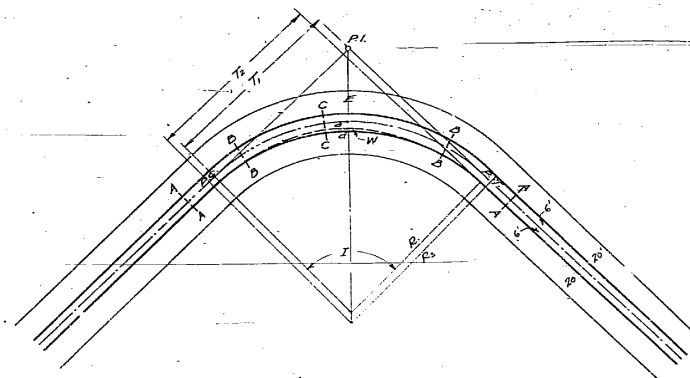
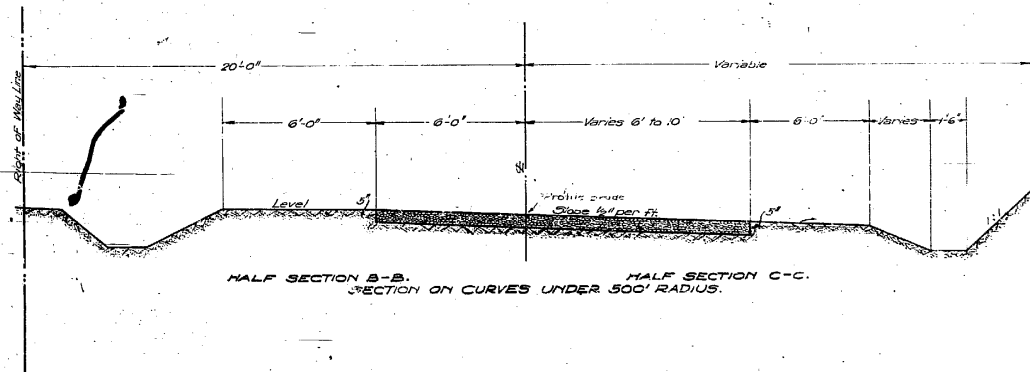
INDEX OF SHEETS

SHEET NO.	TITLE PAGE
1	THRU CROSS-SECTION OF IMPROVEMENT
2	PLAN AND PROFILE STATION 0+00 TO STATION 1+00
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TYPICAL SECTIONS OF GRAVEL PAVEMENT.

Note: Gravel spread 9' at center and 6' at edges, loose measurement shows compact to the depth shown - required by previous 200' curve - 1' wide



$W = 4'-0"$
 $R_1 = R - 4'-6"$
 $E = R \sin \frac{\Delta}{2}$
 $R_2 = R \cos \frac{\Delta}{2}$
 $T = R \tan \frac{\Delta}{2}$
 $T_2 = R_2 \tan \frac{\Delta}{2}$
 $\text{Area (acdcde)} = \frac{1}{2} (R_1^2 - R_2^2) + (R_1 + R_2) \left(\frac{1}{2} T_2 \right)$
 Superelevation begins at section AA 25' from PC on PT.
 and attains its full value at section BB 50' from AA.

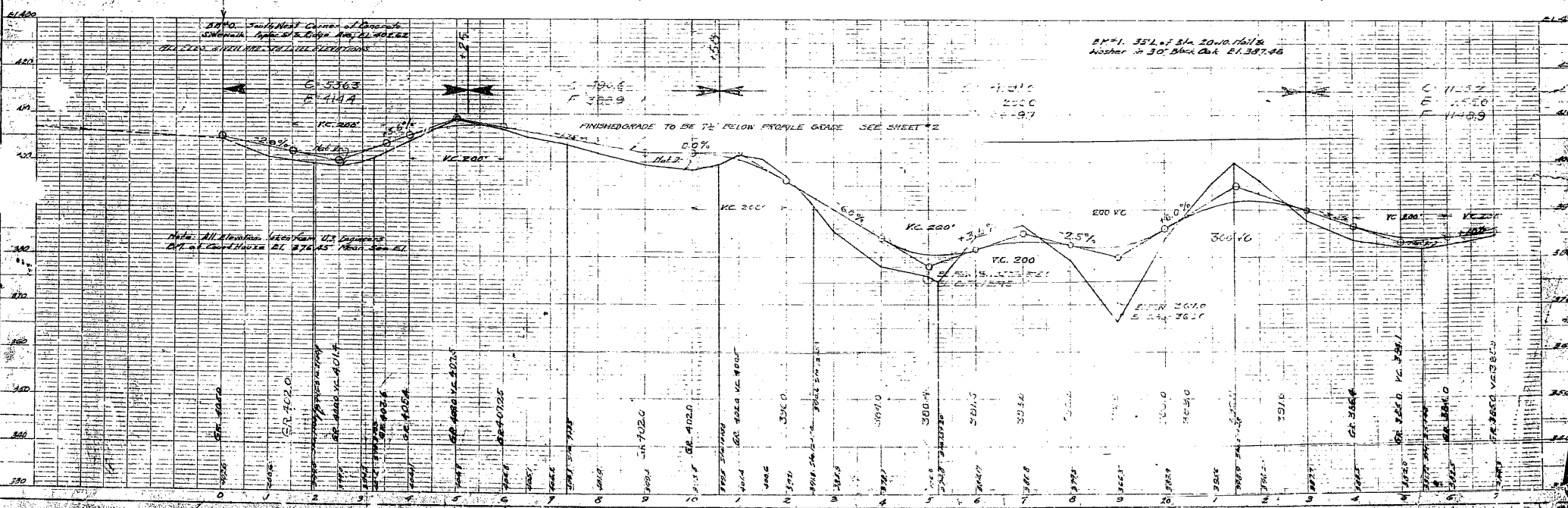
TYPICAL PLAN OF CURVES UNDER 500' RADIUS.

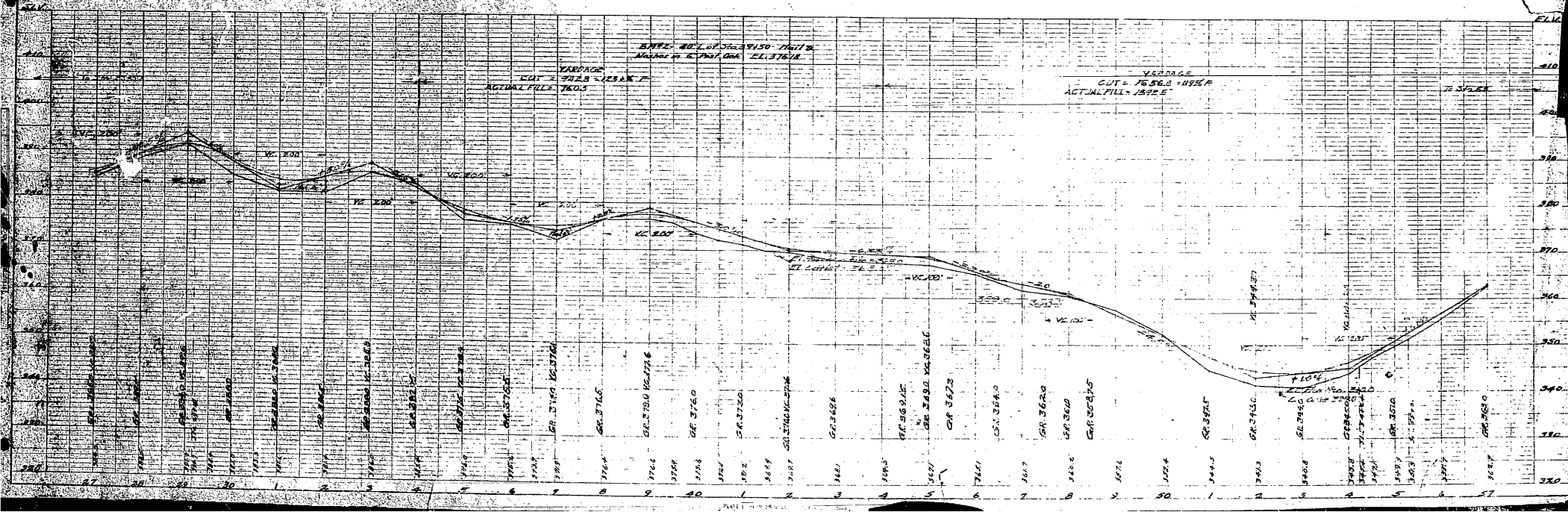
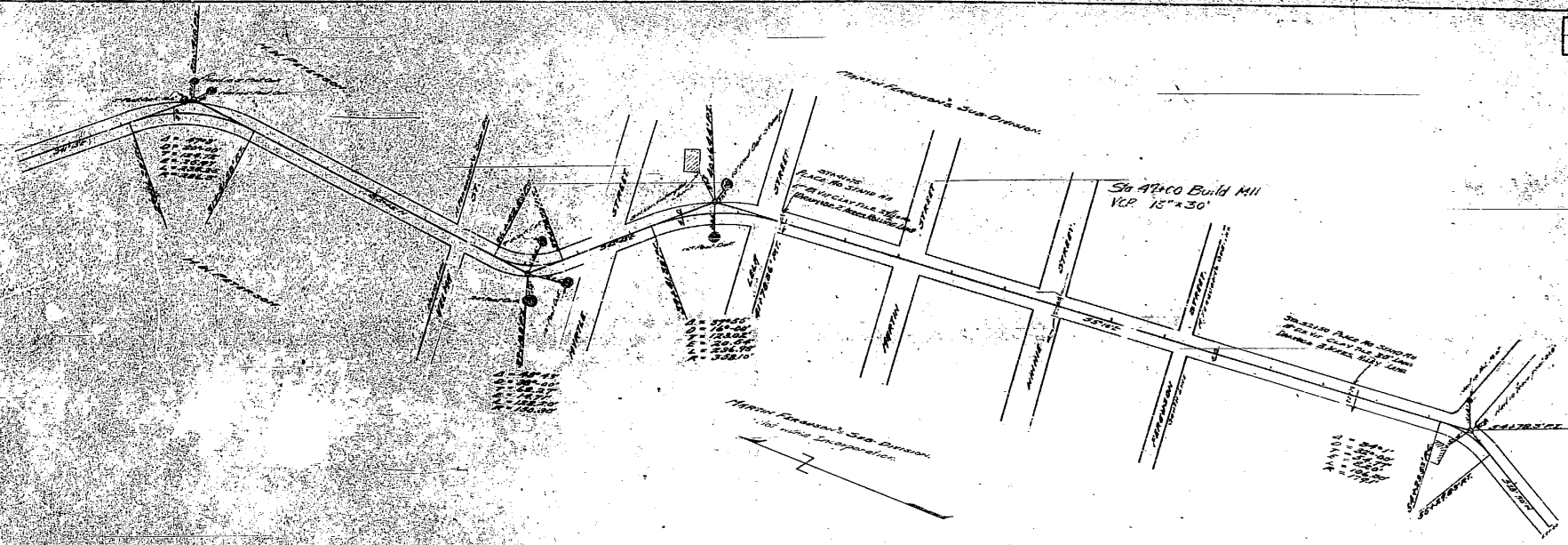
Length 7366 **miles**

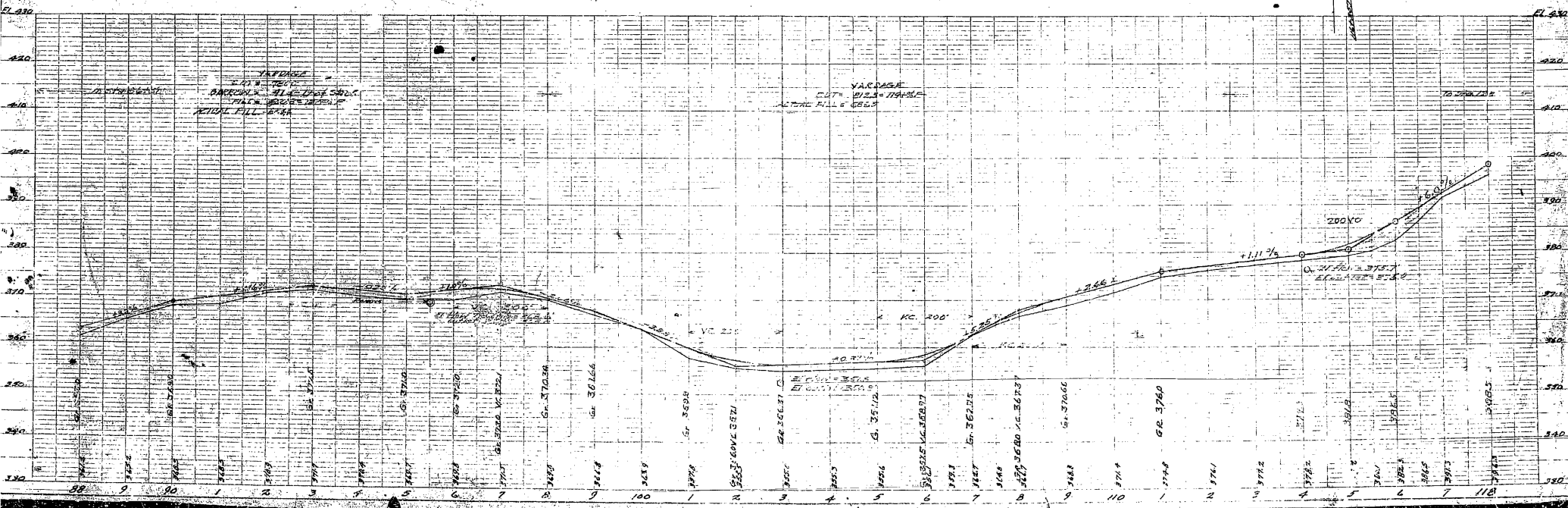
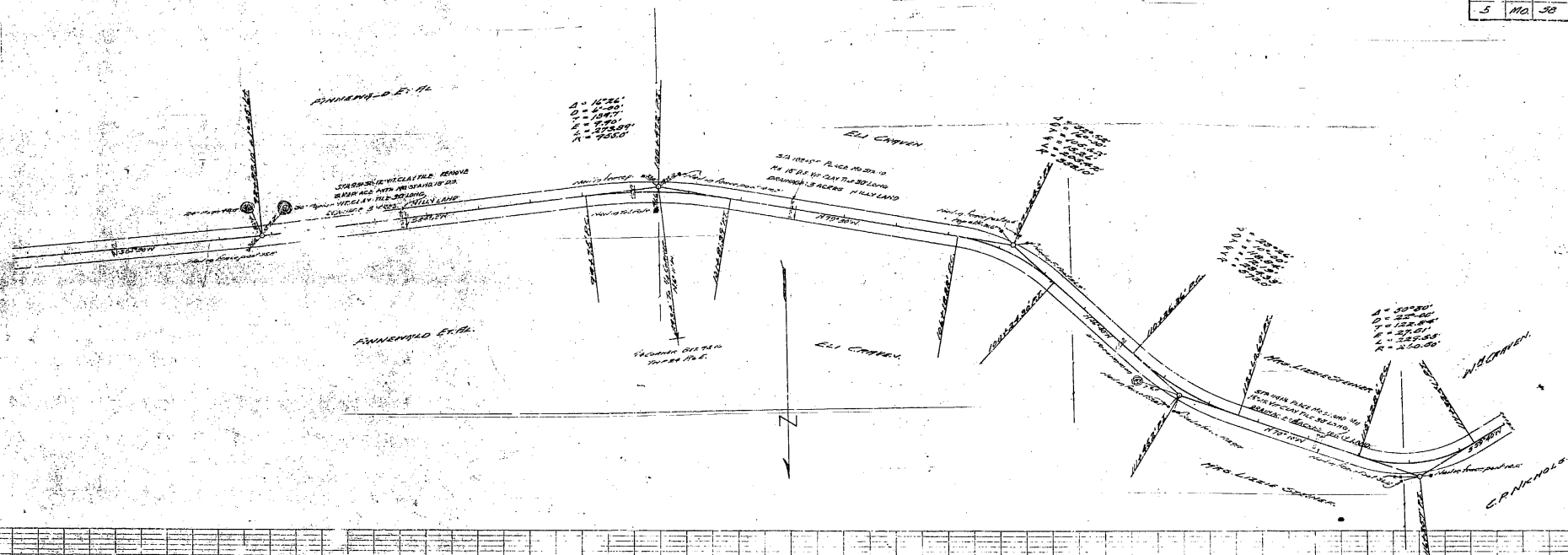
UNIT NO.	PERMANENT ADD. NO.	DATE OF	F. ROAD YEAR	SHEET NO.	TOTAL SHEETS
5	58A	MO.	'21	2A	

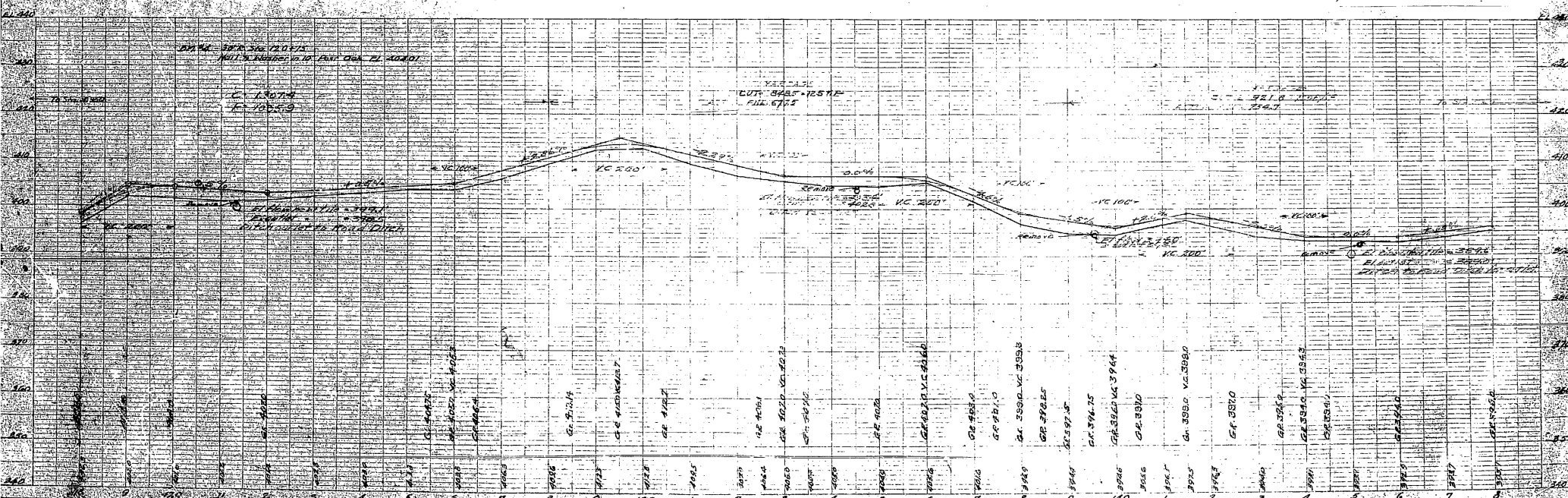
Name of road POPLAR BLUFF ARKANSAS STATE LINE

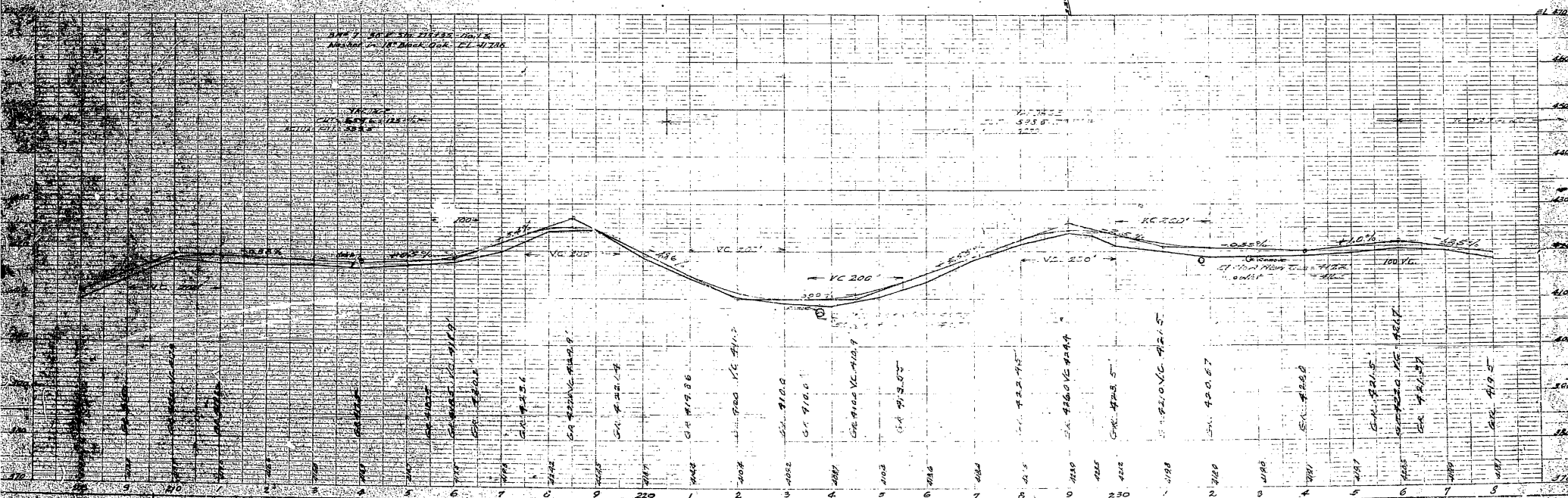
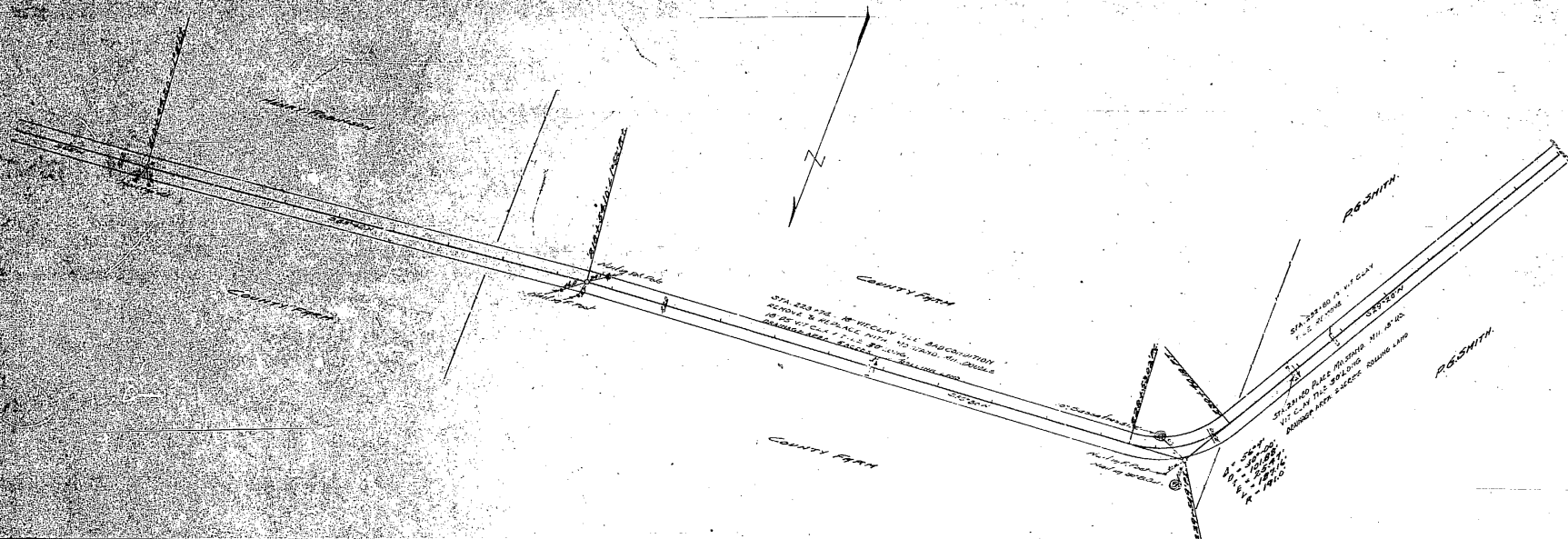
THE McCLENT CO.



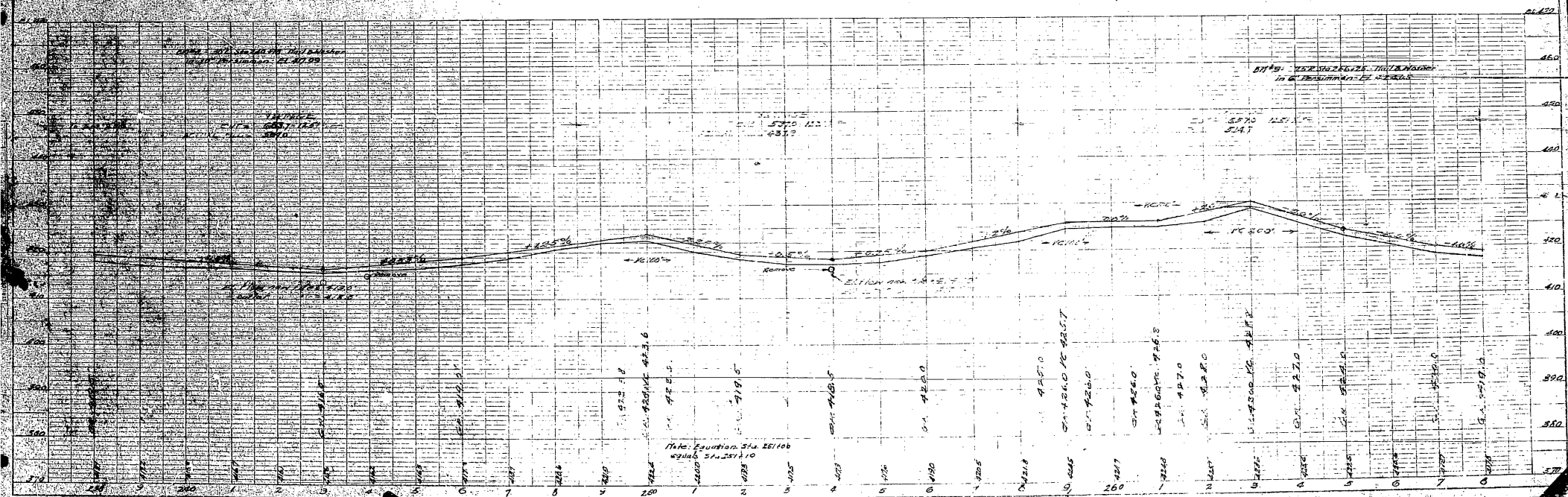








Hand-drawn engineering plan view of a proposed road improvement project. The drawing shows a road layout with various annotations including "R.G. SMITH", "C.R. DAY", "STATION", "100' STATION", "150' STATION", "200' STATION", "250' STATION", "300' STATION", "350' STATION", "400' STATION", "450' STATION", "500' STATION", "550' STATION", "600' STATION", "650' STATION", "700' STATION", "750' STATION", "800' STATION", "850' STATION", "900' STATION", "950' STATION", "1000' STATION". It also includes a north arrow pointing towards the top right. A list of dimensions is provided at the bottom right: 1 = 100', 2 = 100', 3 = 100', 4 = 100', 5 = 100', 6 = 100', 7 = 100', 8 = 100', 9 = 100', 10 = 100'. The drawing is a technical sketch of a road plan view.



Standards

TYP SCL & Earthwork

Route 67
Sec or proj F ~~EA~~ A
County Butler
Sheet # 17

Surface - curb & Gutter & app

Drainage

M11

RM338

Conc. Reinf. Apports,
Finish Etc.

Bridges

MISC