

OHIO DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS

PART	COUNTY	ROUTE	SECTIONS	PROJECT TERMINI		NET LENGTH MILES	TOWNSHIP	CITY	VILLAGE
				BEGIN	END				
1	SUM	271	Service Road A	2+50	58+00	1.24		Macedonia	
2	SUM	271	Service Road B	2+10	58+50	0.18		Macedonia	

Fence Reconstruction and
Guardrail Construction

PLAN NO. 823

The Standard 19 81 Specifications of the State of Ohio, Department of Transportation, including changes and Supplemental Specifications listed in the plans and proposal shall govern these improvements.

I hereby approve these plans and declare that the making of these improvements will require the closing of the highways to traffic on Parts No. _____ and that detours will be provided by State forces. The closing to traffic of the highways will not be required on Parts No. 1 & 2 and provisions for the maintenance and safety of traffic will be as indicated in the proposal.

Approved _____
Date 8-16-82 District Deputy Director of Transportation

Approved _____
Date _____ Engineer of Bridges

Approved _____
Date _____ Engineer of Maintenance

Approved 8-19-82 _____
Date Chief Engineer, Operations

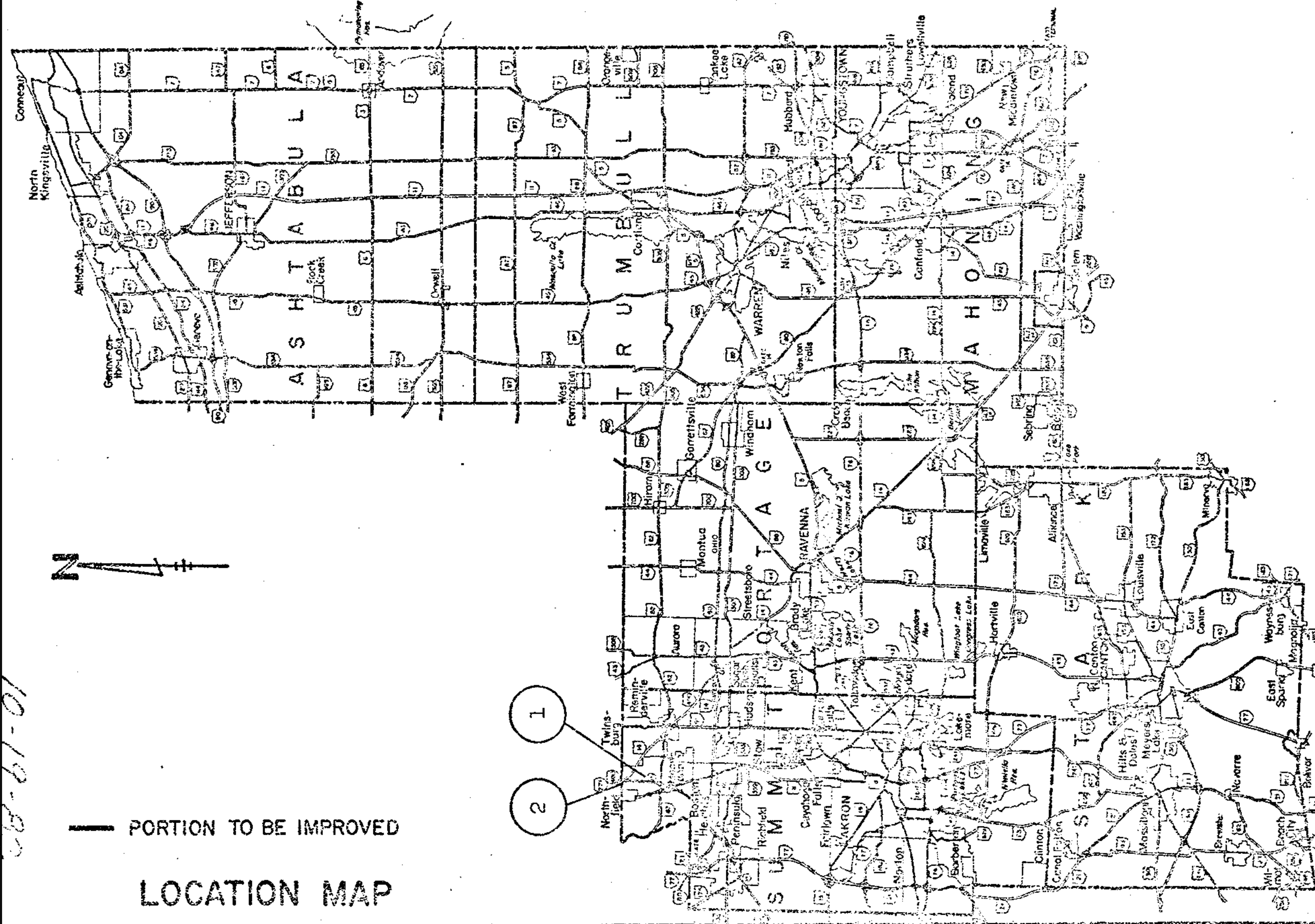
Approved _____
Date Assistant Deputy Director, Program Development

Approved _____
Date Chief Engineer, Construction

Approved _____
Date Chief Engineer, Design

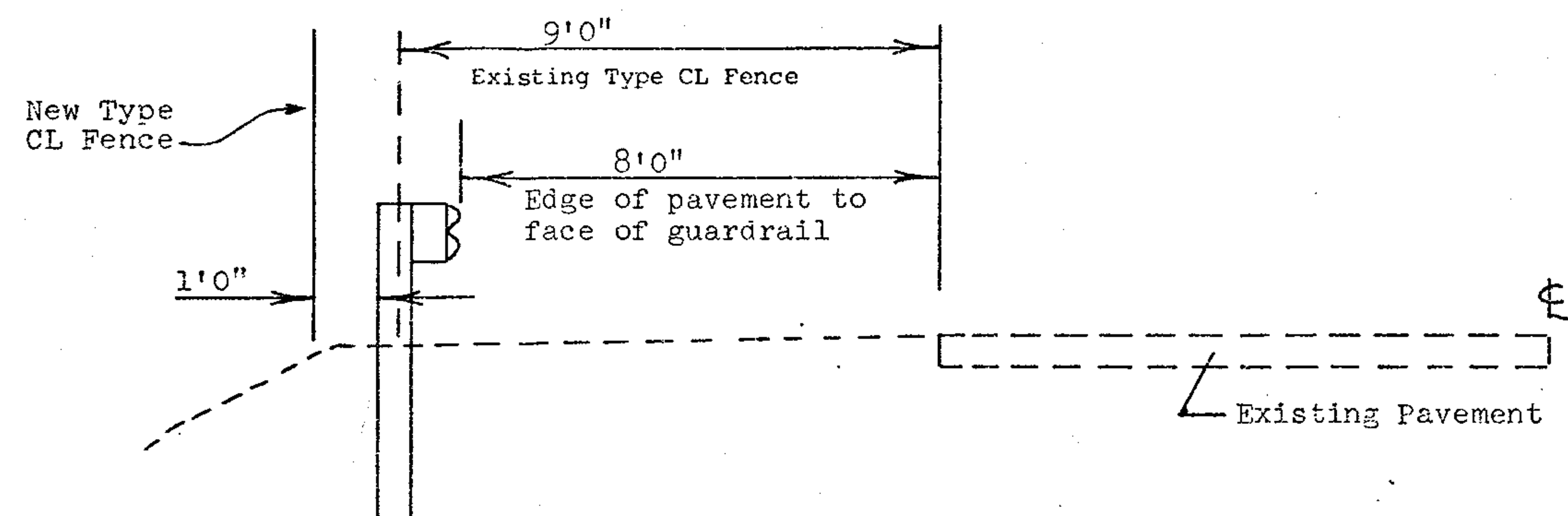
Approved _____
Date Assistant Director, Department of Transportation

Approved 8-19-82 _____
Date Director, Department of Transportation



STANDARD DRAWINGS		SUPPLEMENTAL SPECIFICATIONS	
F-1	5/1/76		
F-2	5/1/76		
GR-1	2/5/82		
GR-2B	2/5/82		
GR-4	2/5/82		

SWD

TYPICAL
Service Road A 14+30 to 56+60


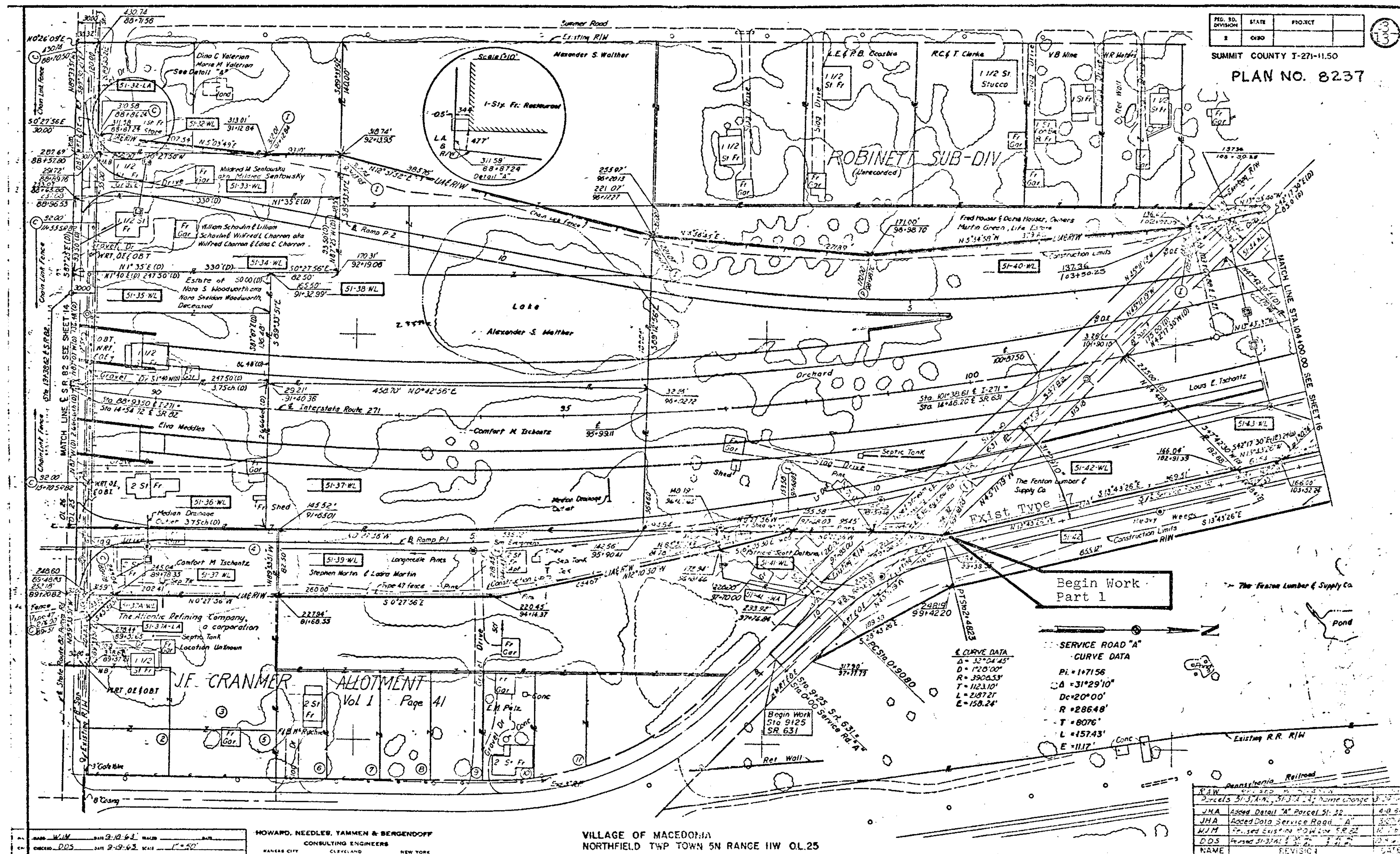
Part	Route		Station		Length Lin.Ft.	Existing Fence	202		607		606	606
							Fence Removed Lin.Ft.	Fence Removed for Storage Lin.Ft.	Type 47 Lin.Ft.	Type CL Lin.Ft.	Guardrail Type 5 Lin.Ft.	Anchor Assembly Type A Each
			Begin	End								
1	I-271	Service Road A	2+50	14+30	1180	Type 47	1180			1180		
			14+30	56+60	4230	Type CL		4230		4230	4230	2
			56+60	68+00	1140	Type 47	1140		1140			
		Total Part 1			6550		2320	4230	1140	5410	4230	2
2	I-271	Service Road B	2+10	3+60	150	Type 47	150		150			
			50+50	58+50	800	Type 47	800		800			
		Total Part 2			950		950		950			

Pages 3 through 11 of this plan were reproduced
from the original R/W plan on file in ODOT Office
in Ravenna, Ohio

PED. SD. DIVISION	STATE	PROJECT
2	OHIO	

SUMMIT COUNTY T-271-11.50

PLAN NO. 8237



Begin Work
Part 1

SERVICE ROAD "A"
CURVE DATA

PI = 171.56
CA = 31°29'10"
DC = 20°00'
R = 286.48'
T = 80.76'
L = 157.43'
E = 111.7'

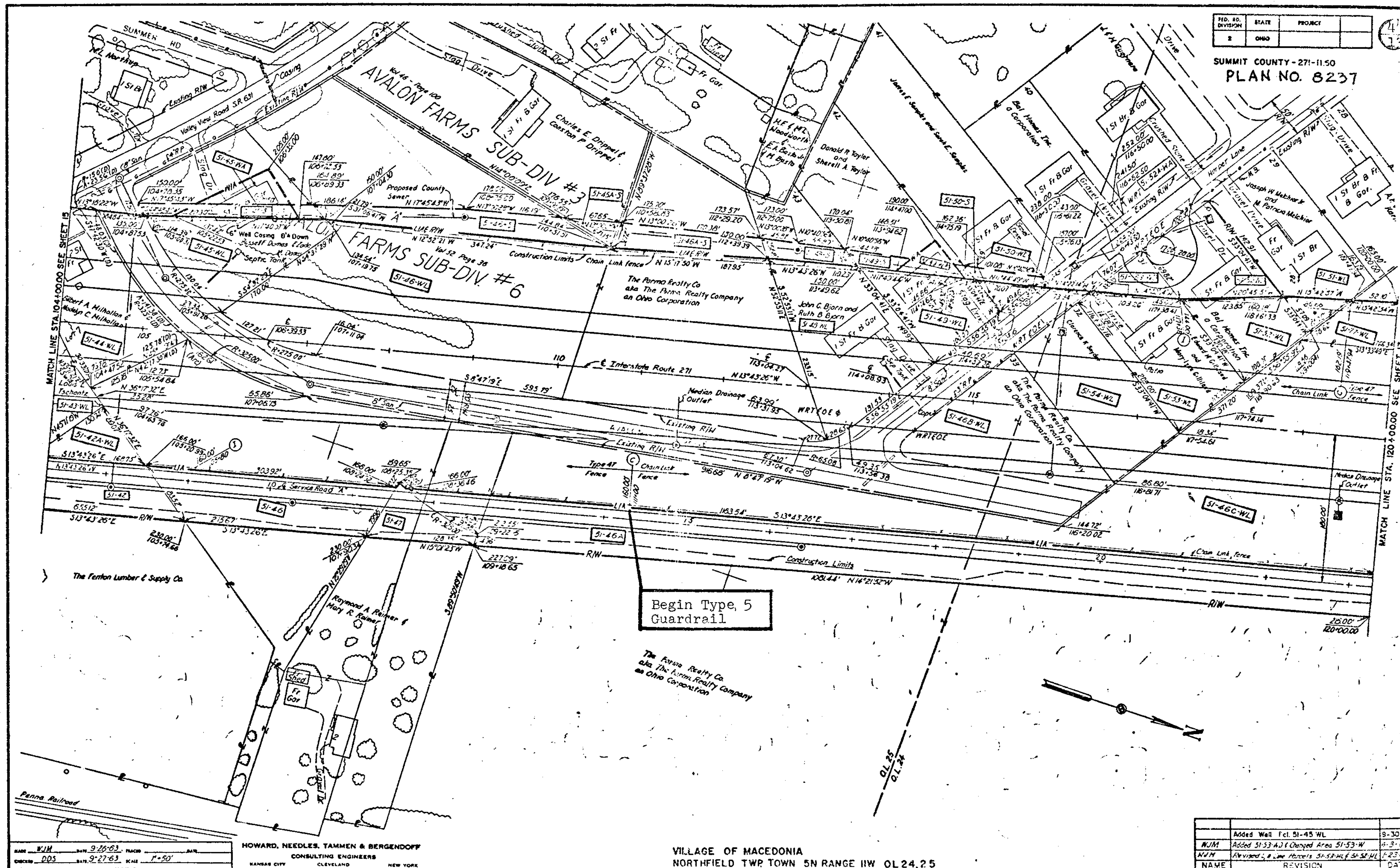
CURVE DATA
Δ = 32°04'45"
D = 120'00"
R = 390.633'
T = 112.310'
L = 218.721'
E = 158.24'

NAME	REVISION	DATE
JHA	Added Detail "A" Parcel 51:22	4-8-54
JHA	Added Data Service Road "A"	5-1-54
WJM	Revised Existing ROW Line SR 62	11-1-54
DOS	Revised 51:31AL & 51:32	3-1-54

STA. 88+93.50 TO STA. 104+00.00

FED. RD. DIVISION	STATE	PROJECT
2	OHIO	

SUMMIT COUNTY - 271-11.50
PLAN NO. 8237



MADE BY: N.J.H. DATE: 9-26-63
CHECKED: D.D.S. DATE: 9-27-63
SCALE: 1"=50'

HOWARD, NEEDLES, TAMMEN & BERGENDOFF
CONSULTING ENGINEERS
KANSAS CITY CLEVELAND NEW YORK

VILLAGE OF MACEDONIA
NORTHFIELD TWP. TOWN 5N RANGE 11W OL 24.25

	Added Well Pct. 51-45 WL	9-30-63
N.J.H.	Added 51-53-42 Changed Area 51-53-W	10-3-63
N.J.H.	Revised 51-53-42 Line Parcel 51-53-WL & 51-53-W	10-23-63
NAME	REVISION	DATE

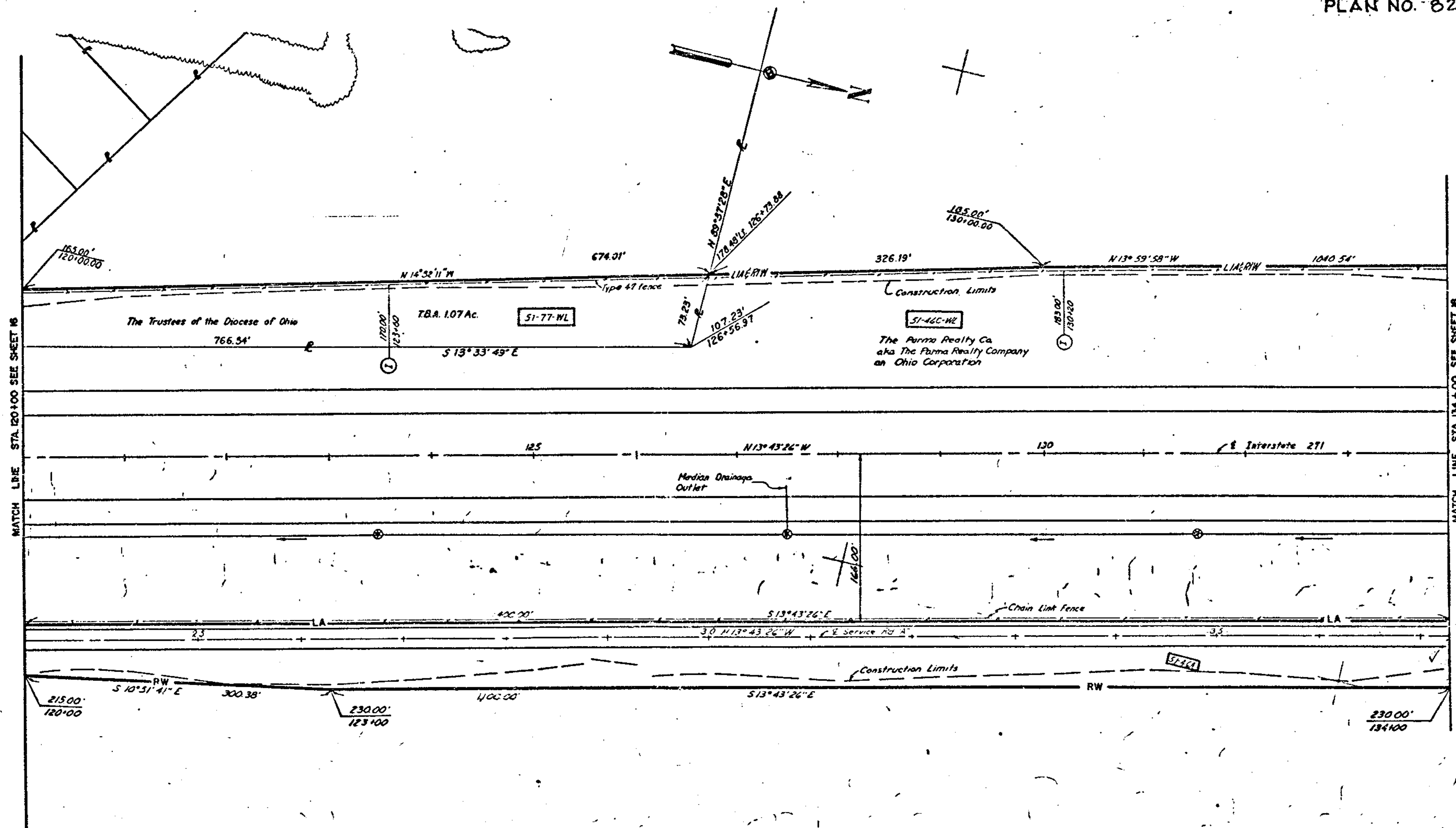
STA. 104+00 TO STA. 120+00

PED. RD. DIVISION	STATE	PROJECT
8	OHIO	

5
13

SUMMIT COUNTY - 271-11.50

PLAN NO. 8237



DATE 1-1-64 BY WJM SCALE 1\"/>

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CONSULTING ENGINEERS
KANSAS CITY CLEVELAND NEW YORK

VILLAGE OF MACEDONIA
NORTHFIELD TWP TOWN 5N RANGE 11W QL.24

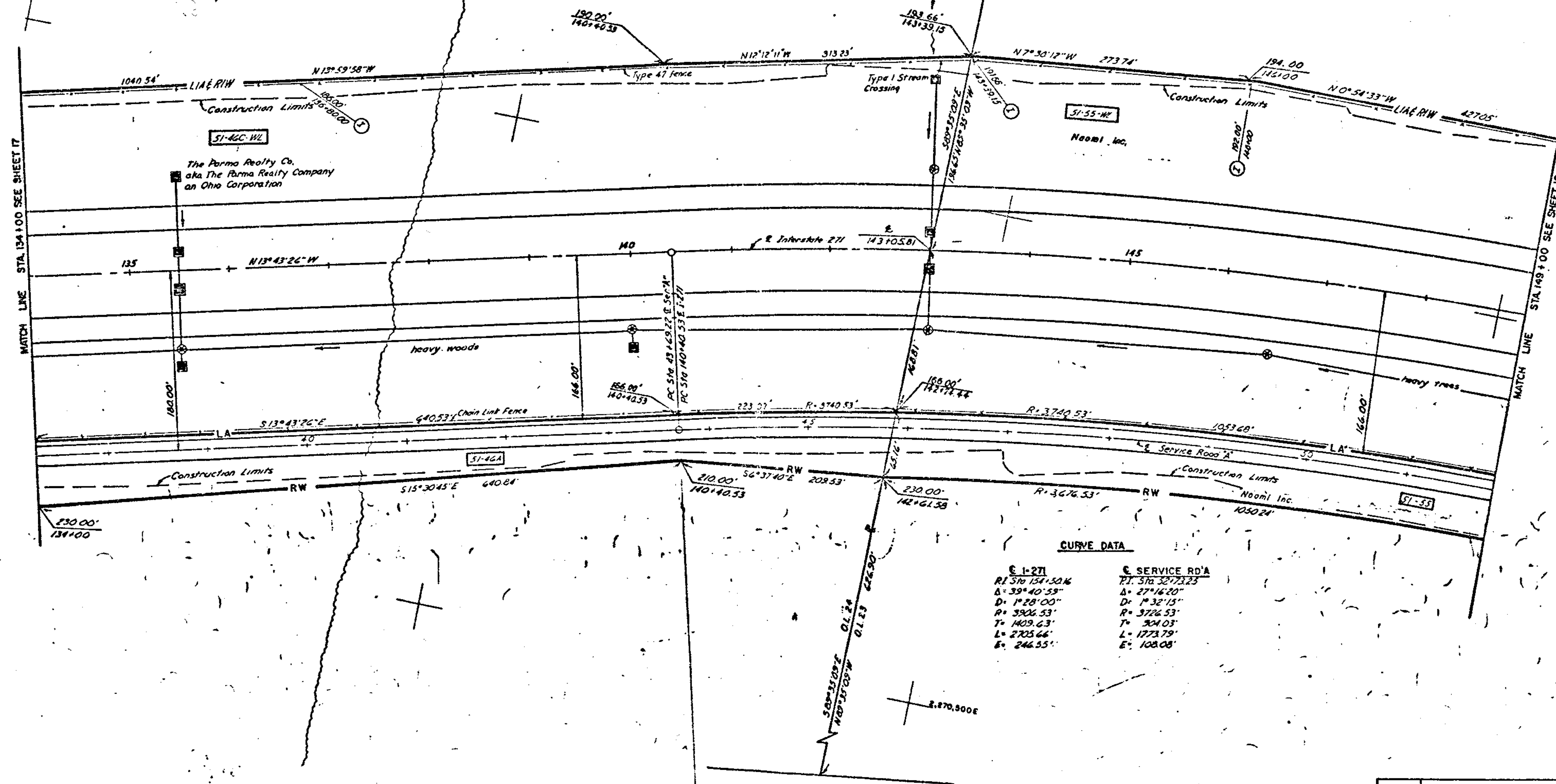
NAME	REVISION	DATE
W.J.M.	Added Parcel 51-77-WL	1-1-64

STA. 120+00 TO STA. 134+00

FED. RD. DIVISION	STATE	PROJECT
2	OHIO	

SUMMIT COUNTY I-271-11.50

PLAN NO. 8237



CURVE DATA

C-1-271
 R1 570 154.5016
 Δ= 39° 40' 59"
 D= 128' 00"
 P= 3906.53'
 T= 1409.63'
 L= 2725.66'
 E= 246.55'

C SERVICE RD'A
 R1 570 327.2323
 Δ= 27° 16' 20"
 D= 132' 15"
 P= 3726.53'
 T= 904.03'
 L= 1773.79'
 E= 108.08'

NAME: W.C.I. DATE: 9-6-63 TRACED: DATE: 9-7-63 SCALE: 1"=50'

HOWARD, NEEDLES, TAMMEN & BERGENDOFF
 CONSULTING ENGINEERS
 KANSAS CITY CLEVELAND NEW YORK

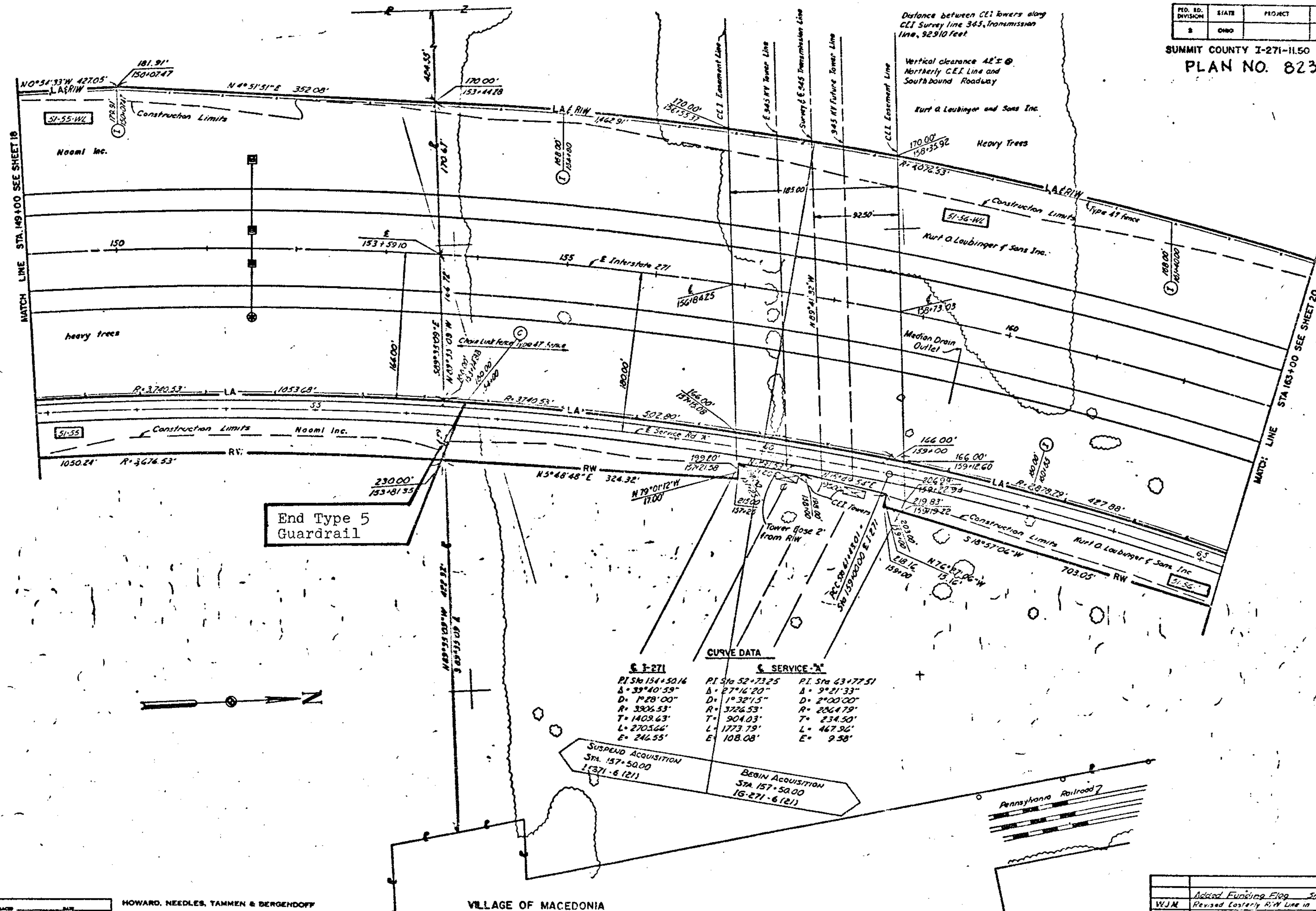
VILLAGE OF MACEDONIA
 NORTHFIELD TWP TOWN 5N RANGE 11W O.L. 23,24

NAME	REVISION	DATE

STA. 134+00 TO STA. 149+00

FED. RD. DIVISION	STATE	PROJECT
2	OHIO	

SUMMIT COUNTY I-271-11.50
PLAN NO. 8237



FED. RD. DIVISION	STATE	PROJECT
2	OHIO	

SUMMIT COUNTY - 271-1150
PLAN NO. 8237

CURVE DATA

1-271

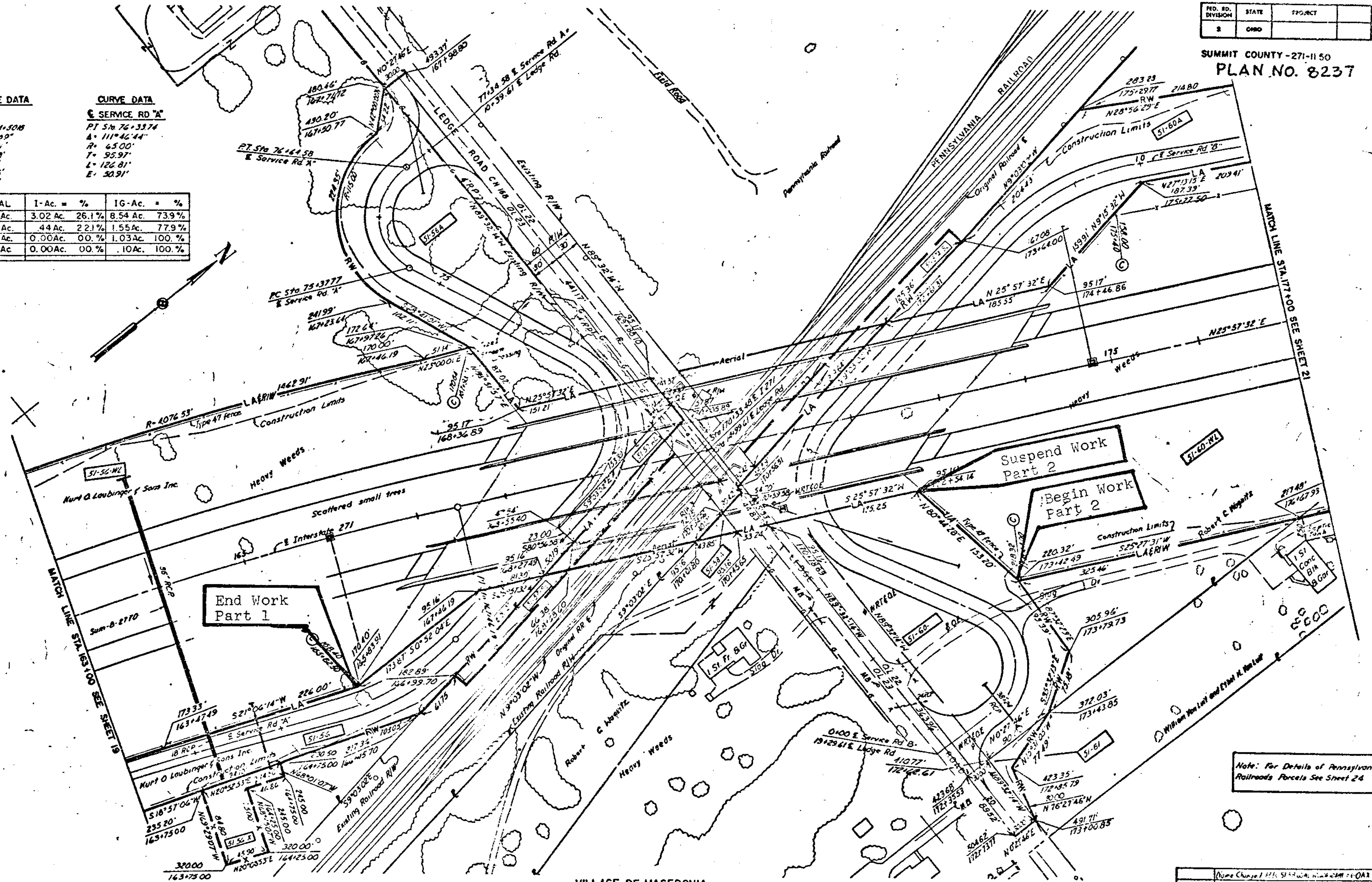
PT Sta 154+50.18
Δ=39°40'30"
D=178.60'
R=390.53'
L=270.56'
E=246.55'

CURVE DATA

SERVICE RD "A"

PT Sta 76+33.74
Δ=111°46'44"
R=65.00'
T=95.97'
L=122.81'
E=30.91'

PARCEL	TOTAL	1-Ac. =	%	16-Ac. =	%
51-56WL	11.56 Ac.	3.02 Ac.	26.1%	8.54 Ac.	73.9%
51-56	1.99 Ac.	.44 Ac.	22.1%	1.55 Ac.	77.9%
51-56A	1.03 Ac.	0.00 Ac.	0.0%	1.03 Ac.	100.0%
51-56X	.10 Ac.	0.00 Ac.	0.0%	.10 Ac.	100.0%



Note: For Details of Pennsylvania Railroad's Parcels See Sheet 24

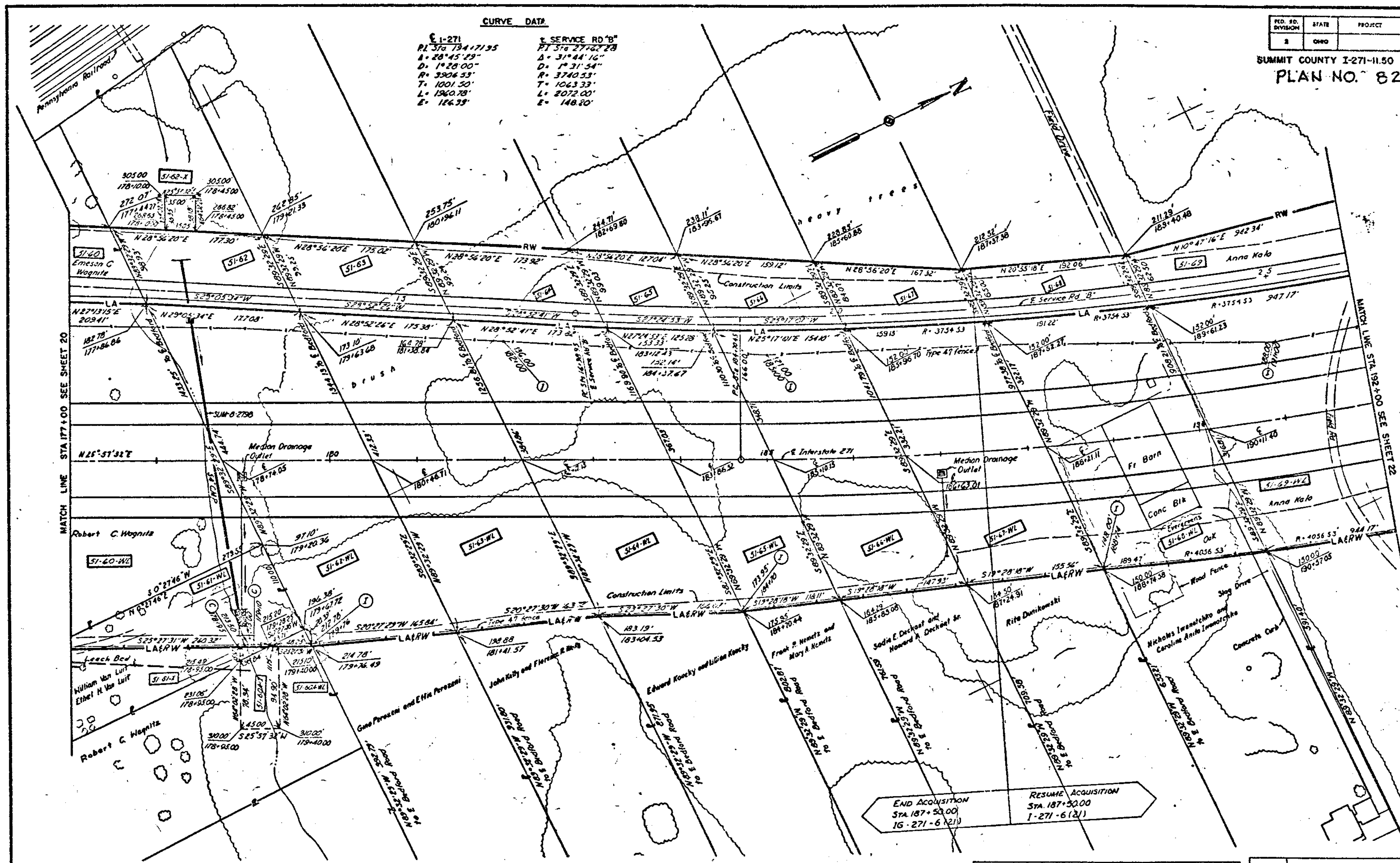
Name Changed H.L. 51-56WL to 51-56WL	8-13-64
Renssed Residue 51-56-WL	8-5-64
Parcel 51-56Aerial changed to 51-56	11-4-63
51-56	
NAME	REVISION
	DATE

STA. 163+00 TO STA. 177+00

CURVE DATA

E-1-271
 P.I. STA 174+71.55
 Δ = 28°45'29"
 D = 1°28'00"
 R = 3906.53'
 T = 1001.50'
 L = 1960.78'
 E = 186.39'

E-SERVICE RD "B"
 P.I. STA 27+12.73
 Δ = 31°44'16"
 D = 1°31'54"
 R = 3740.53'
 T = 1063.33'
 L = 2072.00'
 E = 148.80'



NAME **HAT** DATE **6-24-63** SCALE **1" = 50'**

HOWARD, NEEDLES, TAMMEN & BERGENDOFF
 CONSULTING ENGINEERS
 KANSAS CITY CLEVELAND NEW YORK

VILLAGE OF MACEDONIA
 NORTHFIELD TWP TOWN 5N RANGE 11W O.L. 22

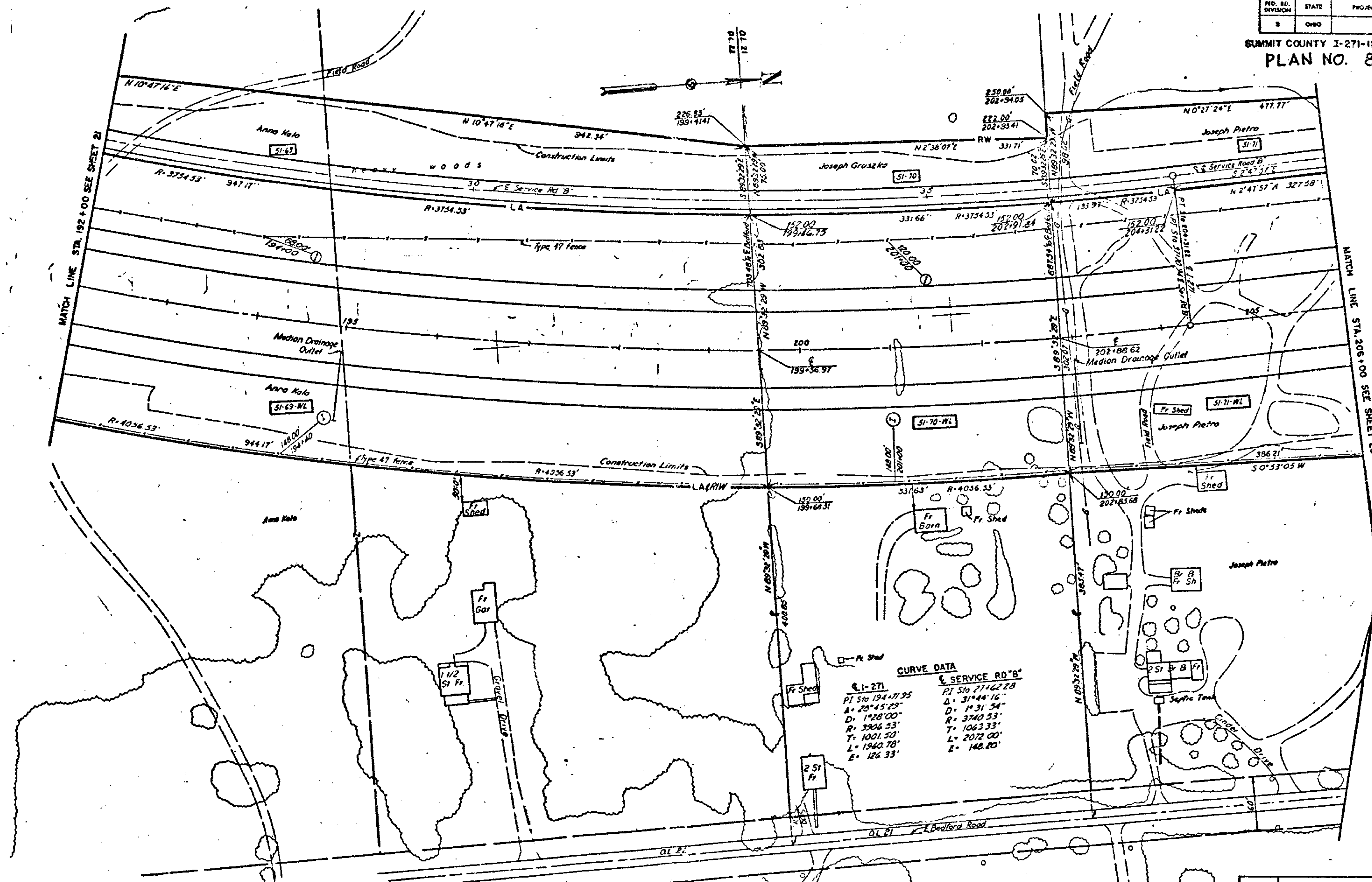
PARCEL	TOTAL	I-Ac = %	IG-Ac = %
51-67WL	1.13 Ac.	.52 Ac. = 46. %	.61 Ac. = 54. %
51-67	0.27 Ac.	.00 = 00. %	.27 Ac. = 100. %

	Added Funding Files Smith	7-7-70
	Added Rite 51-67WL to GCA SCANS 1-60-7	8-13-70
W. M.	Added Rite 51-67WL to GCA SCANS 1-60-7	7-7-63
NAME	REVISION	DATE

FED. RD. DIVISION	STATE	PROJECT
3	Ohio	

SUMMIT COUNTY I-271-II.50
PLAN NO. 8237

10
12



CURVE DATA

E-1-271	E-SERVICE RD "B"
PT STA 194+71.95	PT STA 271+62.28
Δ° 28°45'29"	Δ° 31°44'16"
D° 1428'00"	D° 1°31'54"
R° 3906.53'	R° 3740.53'
T° 1001.50'	T° 1063.33'
L° 1960.78'	L° 2072.00'
E° 126.33'	E° 142.20'

DATE 6-25-63
DRAWN W.J.M. DATE 5-9-63

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CONSULTING ENGINEERS
KANSAS CITY CLEVELAND NEW YORK

VILLAGE OF MACEDONIA
NORTHFIELD TWP. TOWN 5N RANGE 11W OL 21,22

NAME	REVISION	DATE

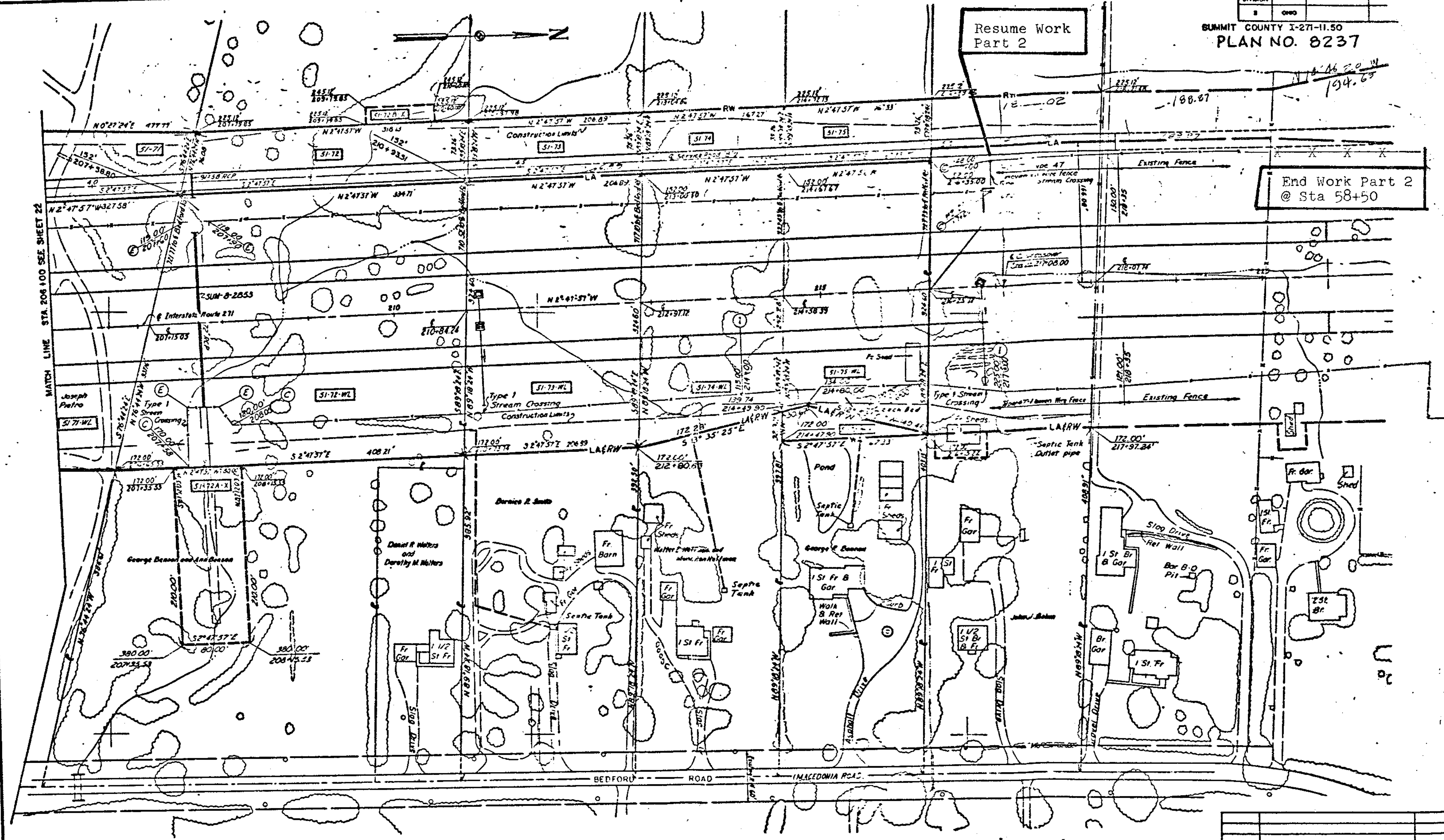
STA. 192+00 TO STA. 206+00

FED. RD. DIVISION	STATE	PROJECT
1	OHIO	

SUMMIT COUNTY I-271-11.50
PLAN NO. 8237

Resume Work
Part 2

End Work Part 2
@ Sta 58+50

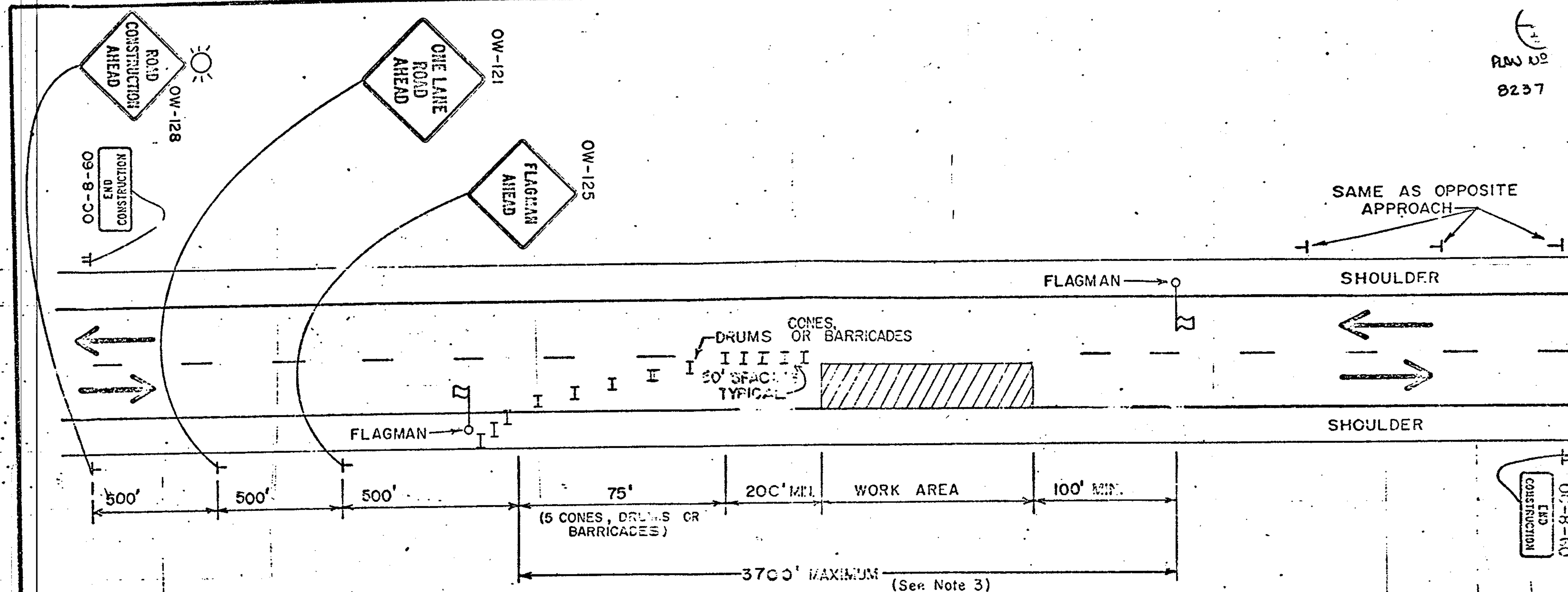


NAME: KAT DATE: 6-22-63 SCALE: 1"=50'
DRAWN: W.J.M. DATE: 9-9-63
HOWARD, NEEDLES, TAMMEN & BERGENDOFF
CONSULTING ENGINEERS
KANSAS CITY CLEVELAND NEW YORK

VILLAGE OF MACEDONIA
NORTHFIELD TWP TOWN 5N RANGE 11W Q121

NAME	REVISION	DATE
Added Station Offset in Parcel SI-72		7-9-64

STA. 206+00 TO STA. 220+74.96



GENERAL NOTES

1. FLAGMEN SHALL BE USED TO CONTROL TRAFFIC CONTINUOUSLY FOR AS LONG AS ONE LANE OPERATION IS IN EFFECT. FLAGMEN SHALL BE ABLE TO COMMUNICATE WITH EACH OTHER AT ALL TIMES EITHER VERBALLY OR BY MEANS OF RADIO OR FIELD TELEPHONES. FLAGMEN STATIONS SHALL BE ADEQUATELY ILLUMINATED FOR NIGHT TIME OPERATIONS BY USE OF A 175 WATT MINIMUM LUMINAIRE.
2. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS FOR THE LANE CLOSURES DURING DAYLIGHT HOURS ONLY.
3. ALL TRAFFIC CONTROL SIGNS, CHANNELIZING DEVICES, AND FLAGMEN FOR PAVING OPERATIONS SHALL BE MOVED FORWARD WHEN THE LENGTH OF CLOSURE EXCEEDS 3700 FEET. ONLY ONE SIDE OF THE ROAD SHALL BE CLOSED ANY ONE WORK AREA AT A TIME.
4. THE TYPE C HIGH INTENSITY BARRICADE WARNING LIGHT SHOWN ON THE ROAD CONSTRUCTION AHEAD SIGN IS REQUIRED WHENEVER NIGHT LANE CLOSURE IS NECESSARY.
5. TYPE C STEADY BURNING BARRICADE WARNING LIGHTS SHALL BE ERECTED ON DRUMS OR BARRICADES FOR NIGHT LANE CLOSURES.
6. THE ADVANCE WARNING SIGNS "OW-120", "OW-121" AND "OW-125" SHALL BE MOVED BACK AS REQUIRED BY THE QUEUING OF STOPPED VEHICLES.

OHIO DEPARTMENT OF TRANSPORTATION	
FLAGMEN CLOSING	
1 LANE OF A 2 LANE	
HIGHWAY	
OR	CK.