

WAYNE COUNTY
WAY-3-9.94

STATE OF OHIO
DEPARTMENT OF HIGHWAYS

SEE SHEET 2 FOR DETOUR MAP

F-390(9)

FEB 21 1964
GROUND PHOTOLAB

WAY-3-9.94
WAYNE COUNTY
WOOSTER TOWNSHIP &
CITY OF WOOSTER

1959 SPECIFICATIONS
LIMITED ACCESS

THIS IMPROVEMENT IS ESPECIALLY DESIGNED FOR THROUGH TRAFFIC AND HAS BEEN DECLARED A LIMITED ACCESS HIGHWAY OR FREEWAY BY ACTION OF THE DIRECTOR OF HIGHWAYS IN ACCORDANCE WITH THE PROVISIONS OF SECTION 5511.02 OF THE REVISED CODE OF OHIO.

THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF HIGHWAYS, INCLUDING CHANGES AND SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PROPOSAL SHALL GOVERN THIS IMPROVEMENT.

THE RIGHT OF WAY FOR THIS IMPROVEMENT WILL BE PROVIDED BY THE STATE OF OHIO.

I HEREBY APPROVE THESE PLANS AND DECLARE THAT THE MAKING OF THIS IMPROVEMENT WILL NOT REQUIRE THE CLOSING OF THE HIGHWAY TO TRAFFIC, EXCEPT AS NOTED ON SHEET 12, AND THAT PROVISIONS FOR THE MAINTENANCE AND SAFETY OF TRAFFIC WILL BE AS SET FORTH ON THE PLANS AND ESTIMATES.

APPROVED: E. L. Tolson
DATE 9-30-60 DIVISION DEPUTY DIRECTOR

APPROVED: Harry E. Veepes
DATE 3-28-61 DEPUTY DIRECTOR OF PLANNING & PROGRAMMING

APPROVED: D. H. Overman
DATE 12-8-1960 ENGINEER OF BRIDGES

APPROVED: W. J. M. Coughlin
DATE 12-9-60 ENGINEER OF LOCATION & DESIGN

APPROVED: C. W. M. Coughlin
DATE 12-9-60 DEPUTY DIRECTOR OF DESIGN & CONSTRUCTION

APPROVED: W. J. M. Coughlin
DATE 3-21-61 DEPUTY DIRECTOR OF RIGHT-OF-WAY

APPROVED: W. J. M. Coughlin
DATE 3-28-61 FIRST ASSISTANT DIRECTOR

APPROVED: E. L. Tolson
DATE 3-28-61 DIRECTOR OF HIGHWAYS

Sheets 136, 137, 138, 139, 140 & 142 revised 6-1-61.
Sheets 140 & 141 revised 6-28-61.
Sheets 136, 137 & 140 revised 8-22-61.

Revised participation in guard rail and fence as shown on sheets 2, 13 & 34.
REV. 7-18-61. R.E.G.

SUPPLEMENTAL SPECIFICATIONS	
S-101	12-2-59
18	R. 6-15-59
S-307	8-23-60

PREPARED BY
SHAFFER, PARRETT AND ASSOCIATES
CONSULTING ENGINEERS
MANSFIELD OHIO WOOSTER

DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS

APPROVED: _____
DIVISION ENGINEER DATE _____

REV. 3-21-61

LINE DATA		
	WORK	PROJECT
BEGIN	522+25	525+00
END	632+85.43	631+85.43
LENGTH	11,060.43 LIN. FT.	10,685.43 LIN. FT.
ADDITIONS-LOCAL ROADS	* 4,812.75 LIN. FT.	
NET LENGTH	15,873.18 LIN. FT.	10,685.43 LIN. FT.
	OR 3.006 MILES	OR 2.024 MILES

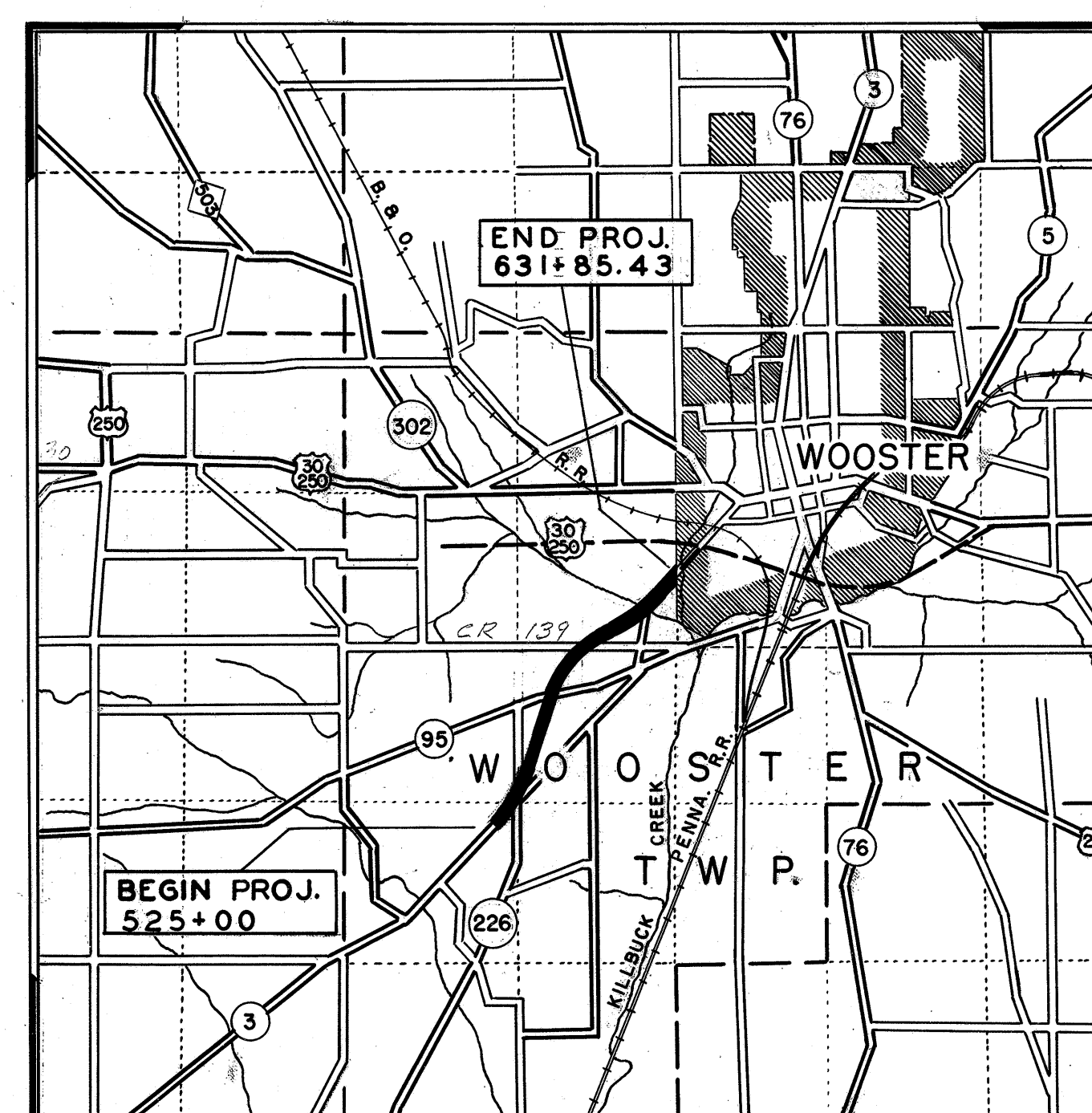
* SEE SHEET NO. 2

CONVENTIONAL SIGNS

TOWNSHIP LINE	---
SECTION LINE	---
CENTER LINE	---
CORPORATION LINE	---
FENCE LINE	x-x-x-x
GUARD RAIL - EXIST.	o-o-o-o
GUARD RAIL - PROPOSED	o-o-o-o
RAILROAD	o-o-o-o
ELEC. POWER POLES	o-o-o-o
TELEPHONE POLES	o-o-o-o
TREES OR STUMPS - EXIST.	o-o-o-o

INDEX OF SHEETS

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DELIVERY POINT-----WOOSTER, OHIO
AVERAGE HAUL FROM SIDING-----2.0 MILES

LOCATION MAP

SCALE IN MILES

PORTION TO BE IMPROVED
STATE ROADS
OTHER ROADS

SCALES

PLAN
PROFILE: HORIZONTAL
PROFILE: VERTICAL
CROSS SECTIONS

1" = 50'
1" = 50'
1" = 5'
1" = 10'

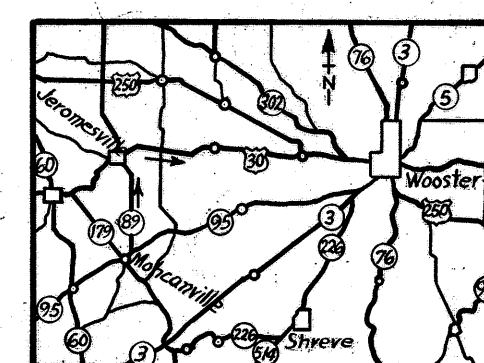
SUPPLEMENTAL PRINTS OF STANDARD CONSTRUCTION DRAWINGS							
DR-1	1-3-55	1-8 M.H. NO. 1	1-26-59	L-3	4-1-50	AS-1-54	12-1-54
G-7.07	6-1-56	1-12	7-1-54	L-3-A	4-1-50	AR-1-57	2-2-59
1-1,2,3,4 & 5	4-24-58	1-14 G	1-22-52	R-1-1	7-15-58	RB-1-55	2-2-59
1-8 C.B.-2-2A & B	3-2-59	1-15 NO. 1	5-21-59	S-27-P.C.-3	2-20-45	CSB-2-56	2-2-59
1-8 C.B.-2-3 & 2-4	1-26-59	1-15 NO. 2	8-17-60	S-27-P.C.-4	1-4-54	F-1	9-1-59
1-8 C.B.-NO. 6	1-26-59	1-15 NO. 2A	8-17-60	T-35	1-2-56	F-3	9-1-59
1-8 C.B.-NO. 7	3-11-60					S.P.-53	11-25-58
L-1	4-1-50	1-21-23	8-1-56				
		1-8 M.H. NO. 1-A	1-26-59				

FILE No.	WAYNE COUNTY, WAY-3-9.94
231-41	DATE OF LETTING-----
	CONTRACT No.-----

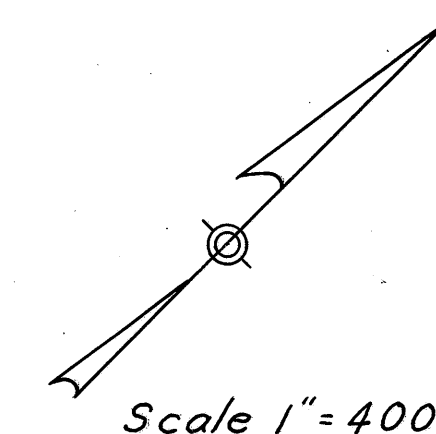
WAYNE COUNTY
WAY-3-9.94

LINE DATA FOR APPROACHES

S.R. 3	
Begin Work Sta. 534+26.98	
End Work Sta. 548+20	
Net Length of Work	1,393.02 Lin. Ft.
S.R. 226	
Begin Work Sta. 484+50	
End Work Sta. 493+68.22	
Deduct S.R. 3 Pavt. 32.32 Lin. Ft.	
Deduct Way 3 Pavt. N.B. 24.20 Lin. Ft.	
Net Length of Work	861.70 Lin. Ft.
S.R. 95	
Begin Work Sta. 157+00	
End Work Sta. 165+70	
Deduct Way 3 Pavt. 111.02 Lin. Ft.	
Net Length of Work	758.98 Lin. Ft.
C.R. 139	
Begin Work Sta. 16+00	
End Work Sta. 29+50	
Deduct Way 3 Pavt. 93.82 Lin. Ft.	
Net Length of Work	1,256.18 Lin. Ft.
C.R. 174	
Begin Work Sta. 17+50	
End Work Sta. 22+92.87	
Net Length of Work	542.87 Lin. Ft.
Total Length of Work	4,812.75 Lin. Ft.

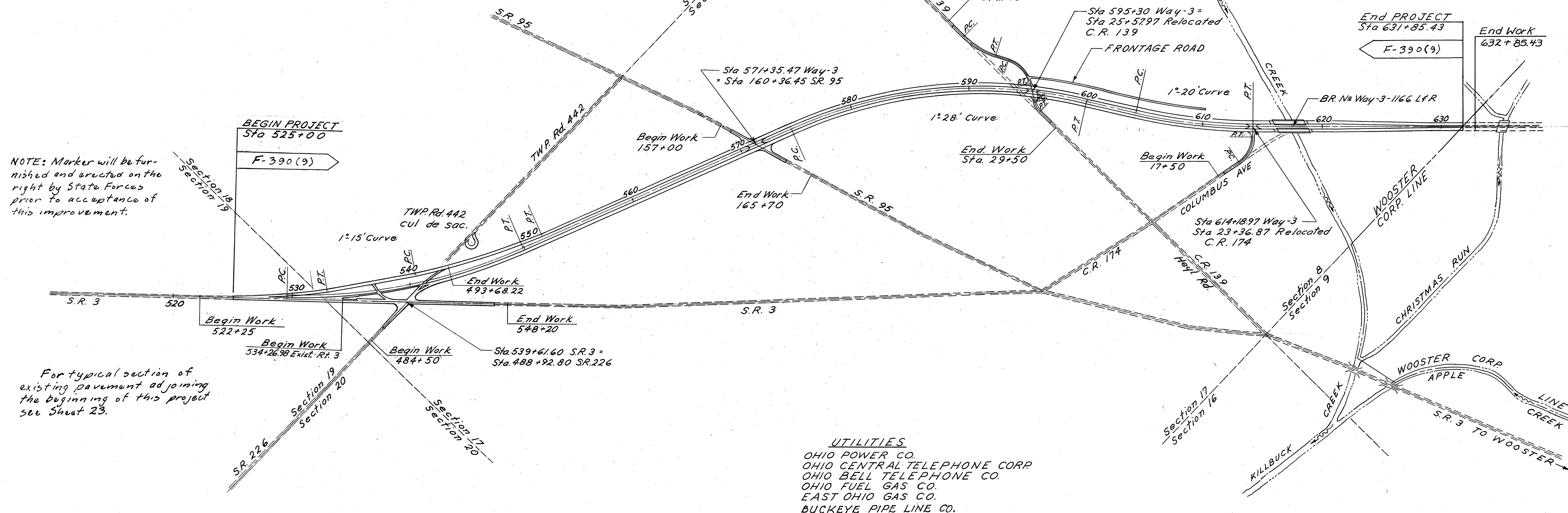


DETOUR MAP



For proposed typical section of adjoining pavement at the end of this project, see upper typical section on Sheet 7.

NOTE: Marker will be furnished and erected on the left by State Forces prior to acceptance of this improvement.



NOTE: Marker will be furnished and erected on the right by State Forces prior to acceptance of this improvement.

For typical section of existing pavement adjoining the beginning of this project see Sheet 23.

UTILITIES

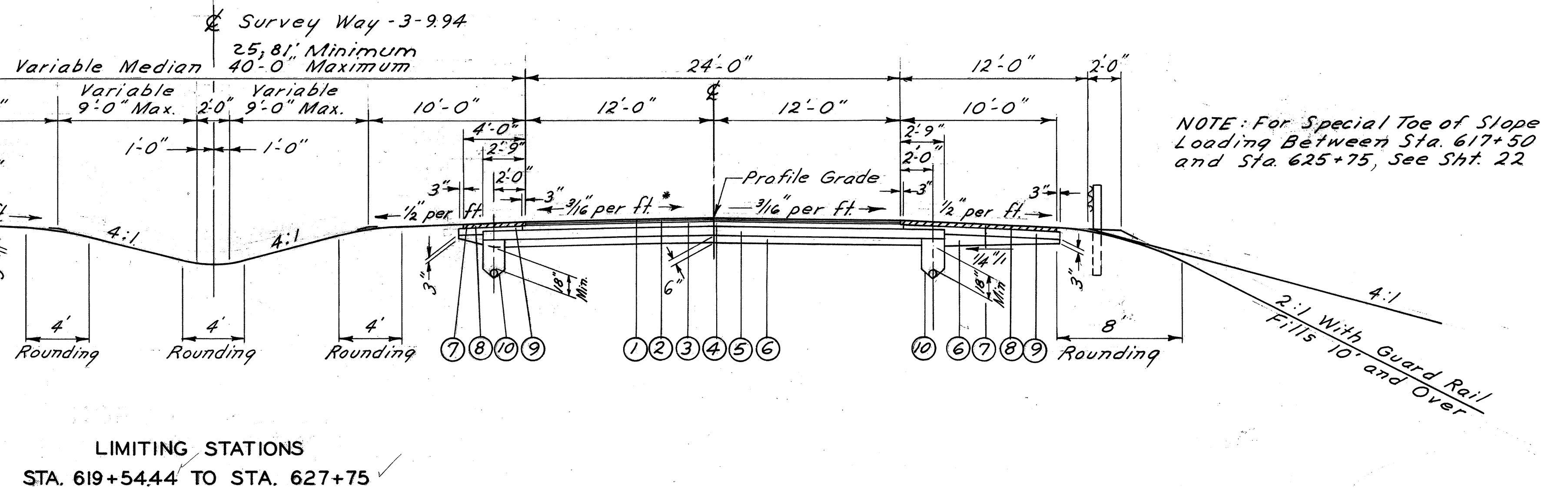
OHIO POWER CO.
OHIO CENTRAL TELEPHONE CORP.
OHIO BELL TELEPHONE CO.
OHIO FUEL GAS CO.
EAST OHIO GAS CO.
BUCKEYE PIPE LINE CO.

LIMITED FEDERAL PARTICIPATION

- Item 55-18 Fence, Federal participation limited to the following locations:
 - On the right between Sta. 563+00 and Sta. 571+25
 - On the right between Sta. 590+00 and Sta. 594+75
- Item I-15 Guard Rail, Federal participation as noted on sheet 34.

SCALE : $\frac{3''}{16} = 1'-0''$

WAYNE COUNTY
WAY-3-9.94



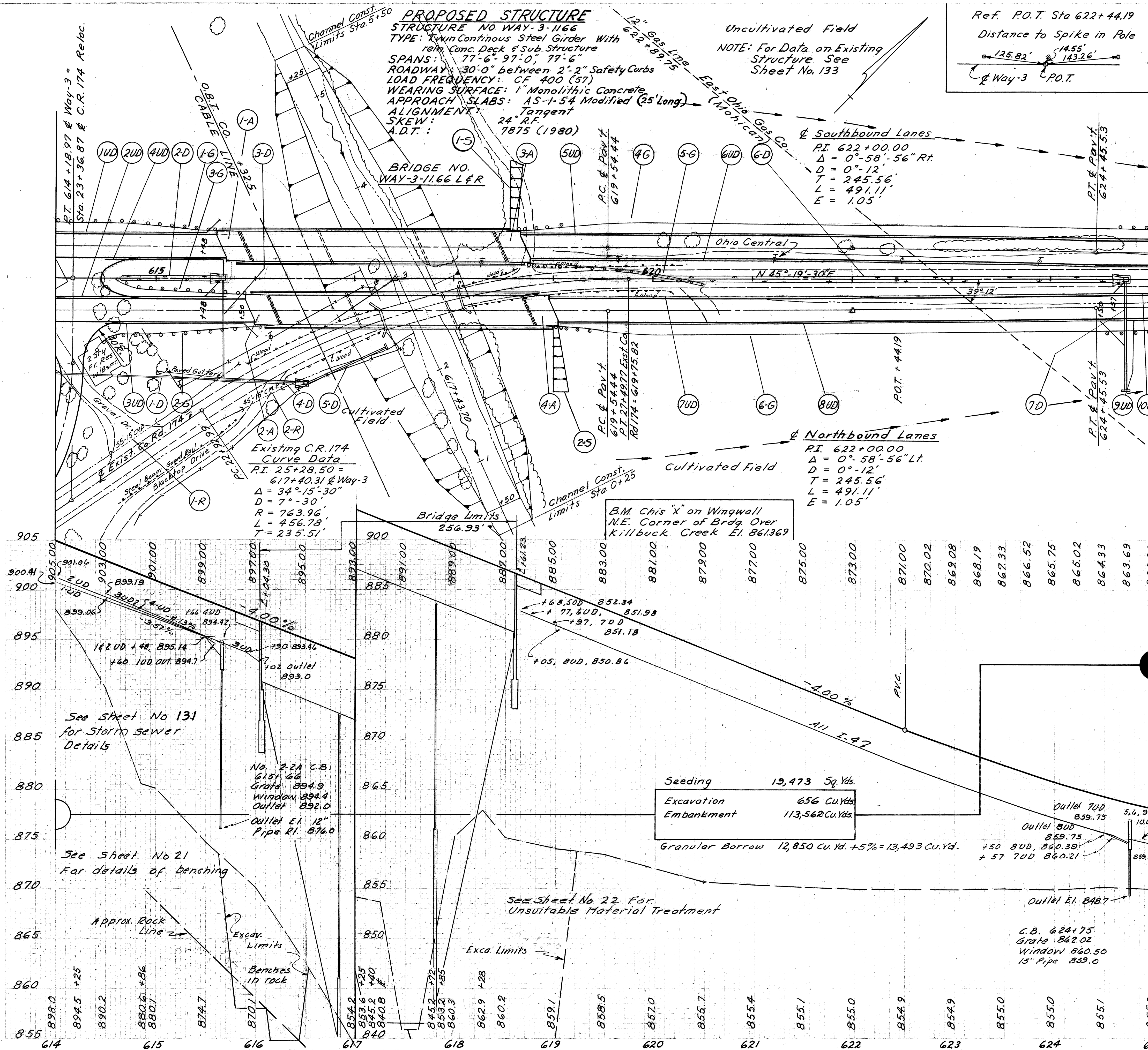
LEGEND

- | | |
|---|---|
| ① #T-35 1 1/4" Asphaltic Concrete Surface Course Type C (70-85) | ⑥ I-22 Subbase Grading A or B Variable Thickness |
| ② #B-35 1 1/4" Asphaltic Concrete Leveling Course (70-85) | ⑦ T-31 Bituminous Surface Treatment (See Proposal Note) |
| ③ #B-35 3" Asphaltic Concrete Base Course (70-85) | ⑧ B-33 3" Bituminous Macadam Base Course |
| ④ T-30 Bituminous Prime Coat Using 0.40 Gal. per Sq. Yd. Sec.M-5.7 RT-2 or RT-3 | ⑨ I-18 5" Stabilized Crushed Aggregate Shoulders |
| ⑤ B-20 8" Waterbound Macadam Base Course
Using No. 2 Coarse Aggregate | ⑩ I-4 6" Pipe Underdrains |
| | ⑪ I-12 Standard Type 6 Curb |

* Thicknesses shown are "designed" thicknesses as described in Sections T-35.01 and B-35.01.

WAYNE COUNTY
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Note: For Existing Structure
(over Killbuck Creek) Data,
See Sheet No 133.



Item No	Station		Side	L-10		I-14		I-8		I-2 Storm Sewers				S-1		I-5			
				Sodding		Paved Gutter		Catch Basins		Under Pavt		M-6.4 (C)		Concrete For Structures Class E.		Pipe Specials 25" Bend			
				Width		Special Type I		No. 2-2A		Class 8		6" (C)							
				Lin. Ft.	Sq. Yds.	Lin. Ft.	Lin. Ft.	Ea.		Lin. Ft.				Cu. Yds.	12"	15"			
1-D	614+00	616+50	RT								50		200						
2-D	614+65	615+56	RT	6	61														
3-D	615+66		RT	1.5	6	10		1		57		40		0.23	2				
4-D	615+00	616+50	RT	1.5	47	10	140												
7-D	624+75		RT	1.5	6	10		1			49		55	0.26		2			
		Totals				120	30	140	2		57	49	50	40	55	200	0.49	2	2

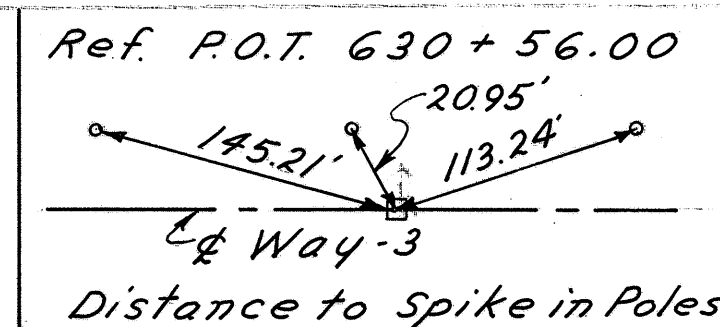
Item No.	Station		Side	L-10		I-8		I-2		S-1	I-10	E-12	I-5	
				Sodding		Catch Basins		Storm Sewer Under Prt.		Storm Sewer	Conc. For.	Rip Rap	Pipe Removal	Pipe Specials
				Width		No. No.23	Sec. M	Sec.	Sec.	Struct.	15' f	Over	25° Bends	
				Lim.Ft.	Sq.Yds	Ea.	Ea.	12' 15'	30" 12' 15'	30"	Class E	Cu Yds	Sq.Yds	Lim.Ft.
5-D	616+50	617+32	Ea.			/				90	0.51			
6-D	620+00	625+00	Ea.	6	335									
1-R	614+50	615+00	Ea.									55		
2-R	615+80	616+20	Ea.									45		

Item No.	Station		Side	I-4	I-4	I-4	I-5				L-10
				6" Pipe Underdrain Shallow	6" Pipe Underdrain Deep	6" Pipe Outlet For Underdrain	Pipe Specials			Special Berm & Slope Protection	
	From	To		Lin. Ft.	Lin. Ft.	Lin. Ft.	6" Bend	6" 90°	6" 45°		6" 45° Wye
1UD	614+00	615+60	Lt.	151		10		1			
2UD	614+00	615+65	Rt.	175		10			1		
3UD	614+50	616+02	Rt.	143		10		1			
4UD	614+50	615+66	Lt.	119		10	1				
5UD	618+68	625+00	Lt.	632							
6UD	618+77	625+00	Lt.	623							
7UD	618+97	624+73	Rt.	582		10			1		
8UD	619+05	624+73	Rt.	586		10			1		
9UD	624+77	625+00	Rt.	23							
10UD	624+77	625+00	Rt.	23							
1-5	618+60		Lt.							104	
2-5	619+00		Rt.							96	
		Totals		3057		60	1	2	3	200	

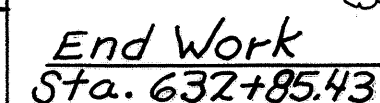
Item No.	Station		Side	I-15	I-15	I-7
				Guard Rail	Barrier Rail Steel	Reinforced Concrete
				Steel Beam Type (Deep)	Beam Type (Deep)	Appr. Slab 7'-13"
	From	To		Lin. Ft.	Lin. Ft.	Sq. Yds.
1-G	614+00	615+60.7	Lt.	160.7		
2-G	22+52.9	616+09.2	Rt.	190.4		
3-G	614+64.2	615+89.2	Rt.	137.5		
4-G	618+53.4	625+00	Lt.	644.6		
5-G	618+70.5	620+13.3	Lt.	87.5	87.5	
6-G	618+98.9	625+00	Rt.	601.10		
1-A	615+63.05	615+90.05	Lt.			86.91
2-A	615+93.55	616+18.55	Rt.			89.04
3-A	616+47.00	618+72.00	Lt.			86.91
4-A	618+75.50	619+00.5	Rt.			89.04
	Totals			1821.8	87.5	351.90

NOTE: Federal Funds will not participate in the Barrier Guard Rail shown on this sheet.

Sta. 614+00. to Sta 625+00



END PROJECT
STA. 631+85.43
U-390 (9)
S.L.M. 11.96



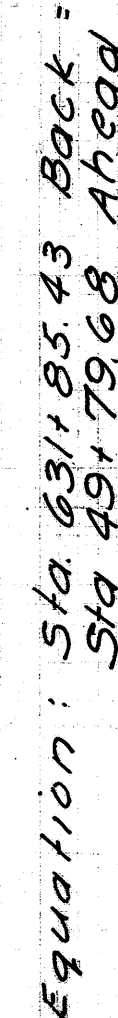
Bdg. No. WAY-3-1203

Note: Typical section of adjoining pavement at end of project is the same as typical section for Sta. 631+85.43 shown on sheet No 7.

PROJECT
U-1072 (3)

855.44

Item No.	Station		Side	I - 4	I - 4	I - 5			I - 12	I - 15
				6" Pipe Under-drains Shallow	6" Pipe Outlets For Under-drains	Pipe Specials			Conc Curb Type 6	Guard Rail Steel Beam Type Deep
	45°	90°				6" Tees				
	Bend	Bend								
From	To		Lin. Ft.	Lin. Ft.	Ea	Ea	Ea	Lin. Ft.	Lin. Ft.	
1-UD	625+00	631+85.43	Lt.	701	10			1		
2-UD	625+00	627+50	Lt.	249	10	1				
3-UD	625+00	627+50	Rt.	249	10	1				
4-UD	625+00	631+85.43	Rt.	701	10			1		



BEGIN PROJECT
U-1072 (3)
Sta. 49+79.68

End Work
Sta. 632+85.43
100'

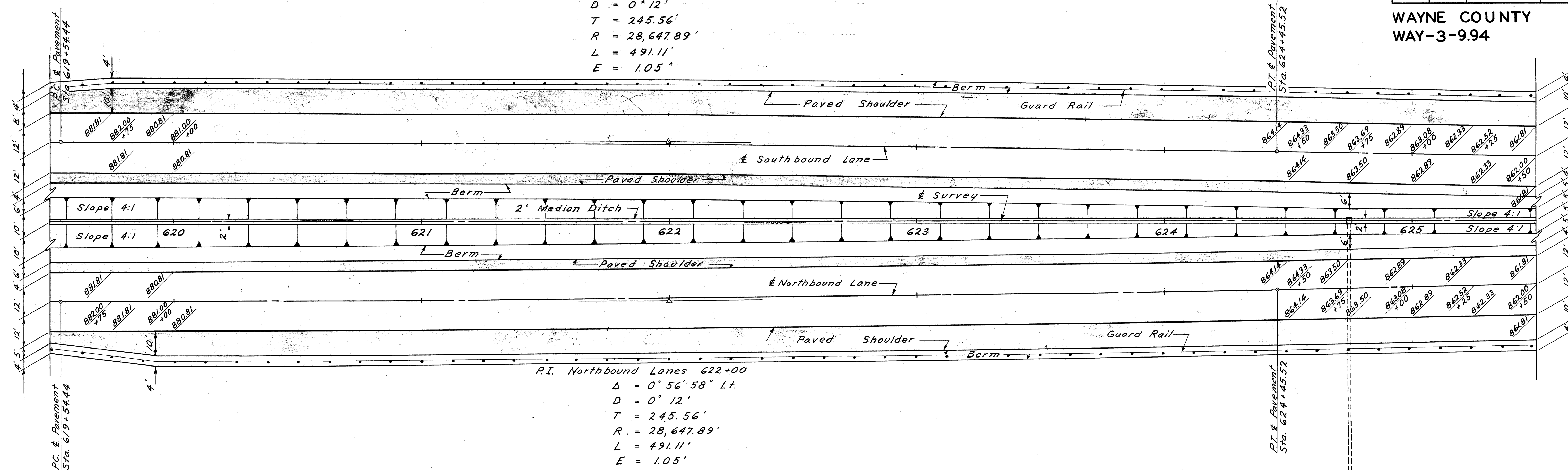
PVI 51+91
EI. 859.0
400' V.C.

BR No. WAY-3-1703

Sta. 625+00 to Sta 631+85.43

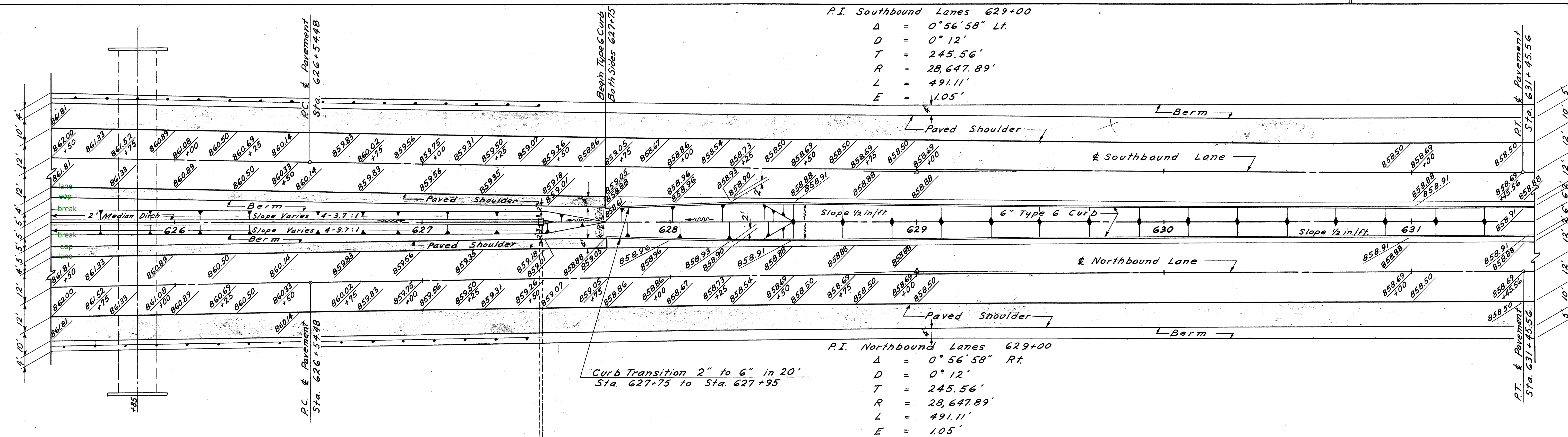
WAYNE COUNTY
WAY-3-9.94

P.I. Southbound Lanes 622+00
 $\Delta = 0^\circ 56' 58''$ Rt.
 $D = 0^\circ 12'$
 $T = 245.56'$
 $R = 28,647.89'$
 $L = 491.11'$
 $E = 1.05'$



P.I. Northbound Lanes 622+00
 $\Delta = 0^\circ 56' 58''$ Lt.
 $D = 0^\circ 12'$
 $T = 245.56'$
 $R = 28,647.89'$
 $L = 491.11'$
 $E = 1.05'$

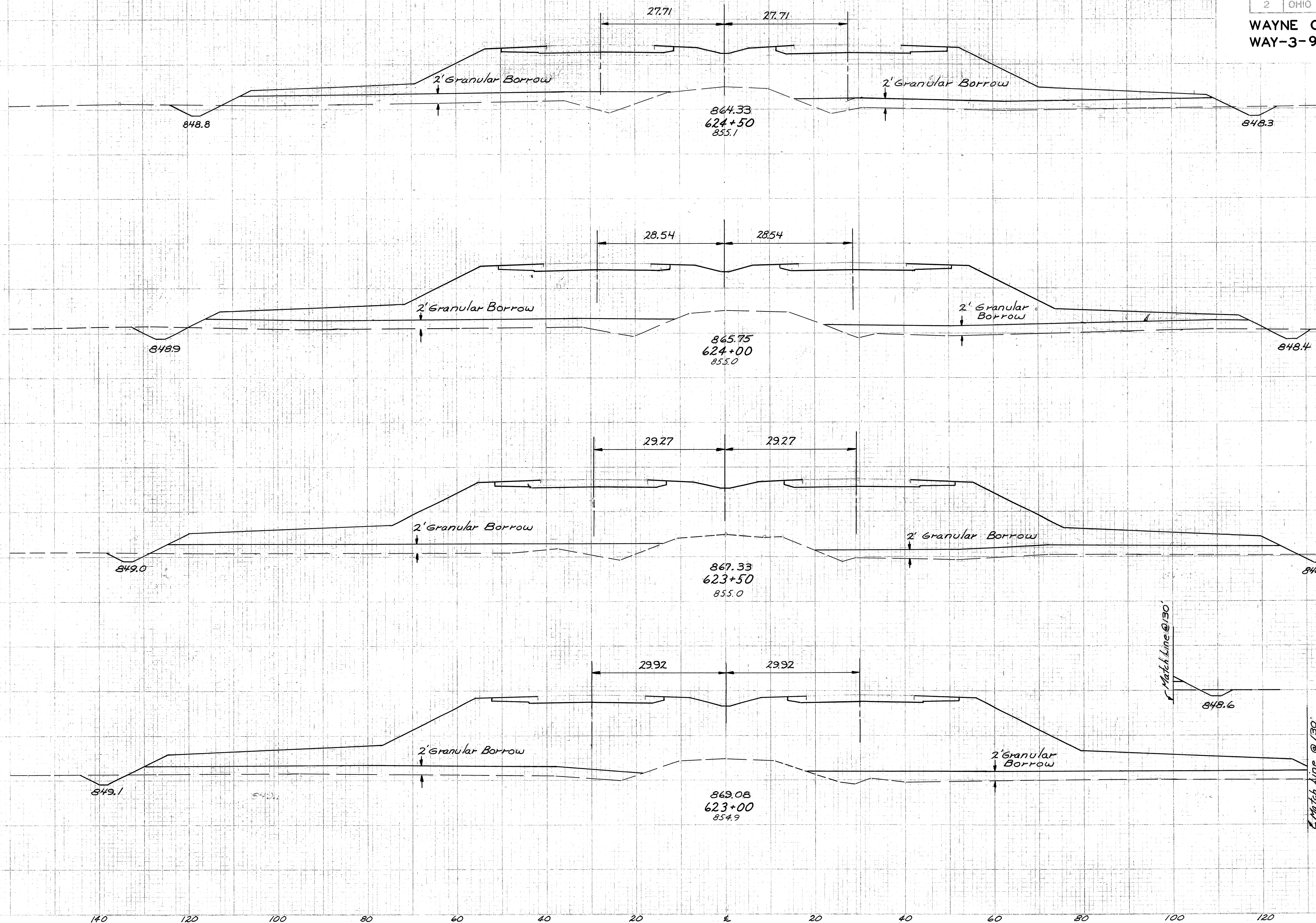
P.I. Southbound Lanes 629+00
 $\Delta = 0^\circ 56' 58''$ Lt.
 $D = 0^\circ 12'$
 $T = 245.56'$
 $R = 28,647.89'$
 $L = 491.11'$
 $E = 1.05'$



P.I. Northbound Lanes 629+00
 $\Delta = 0^\circ 56' 58''$ Rt.
 $D = 0^\circ 12'$
 $T = 245.56'$
 $R = 28,647.89'$
 $L = 491.11'$
 $E = 1.05'$

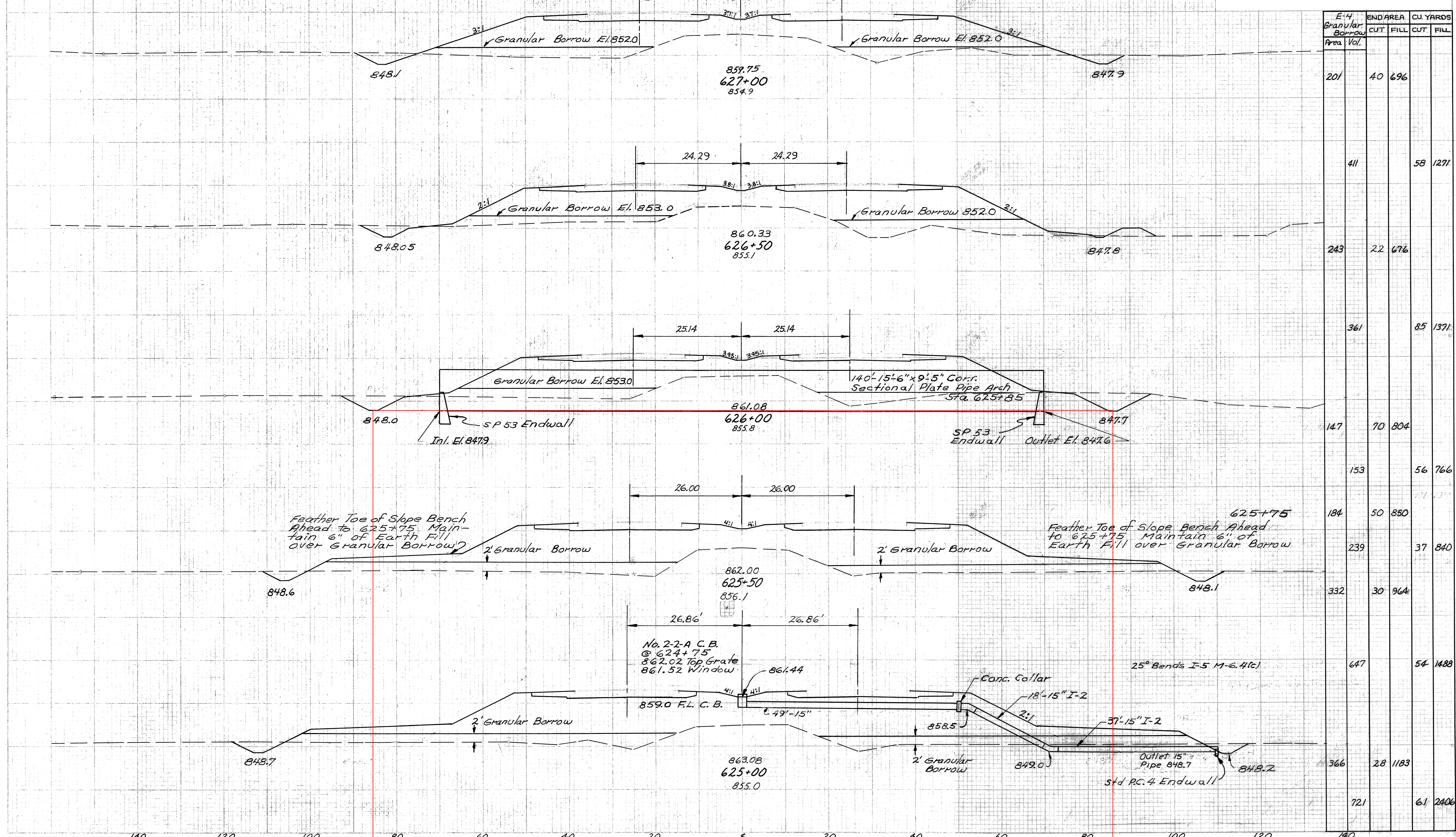
Curb Transition 2" to 6" in 20"
Sta. 627+75 to Sta. 627+95

WAYNE COUNTY
WAY-3-9.94



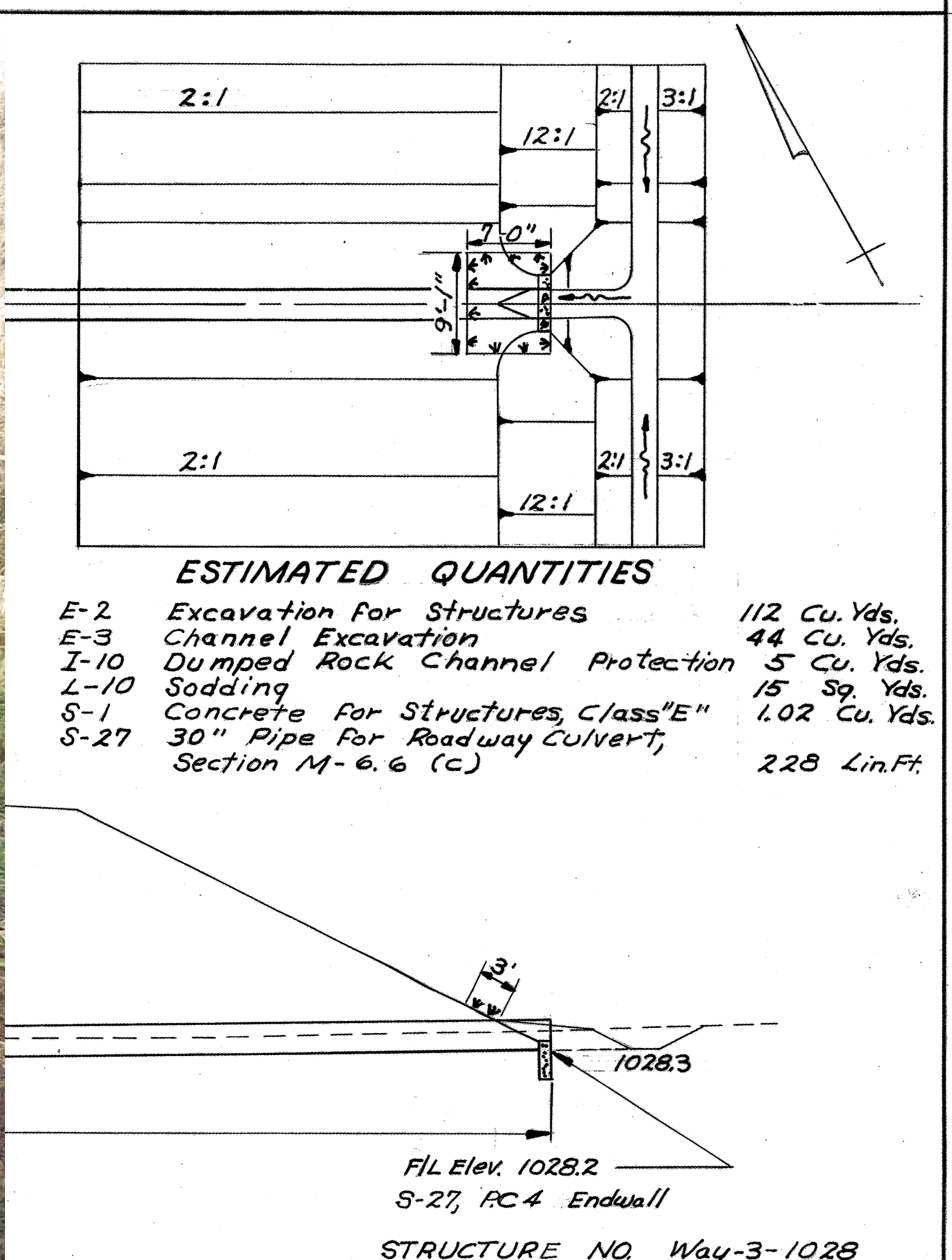
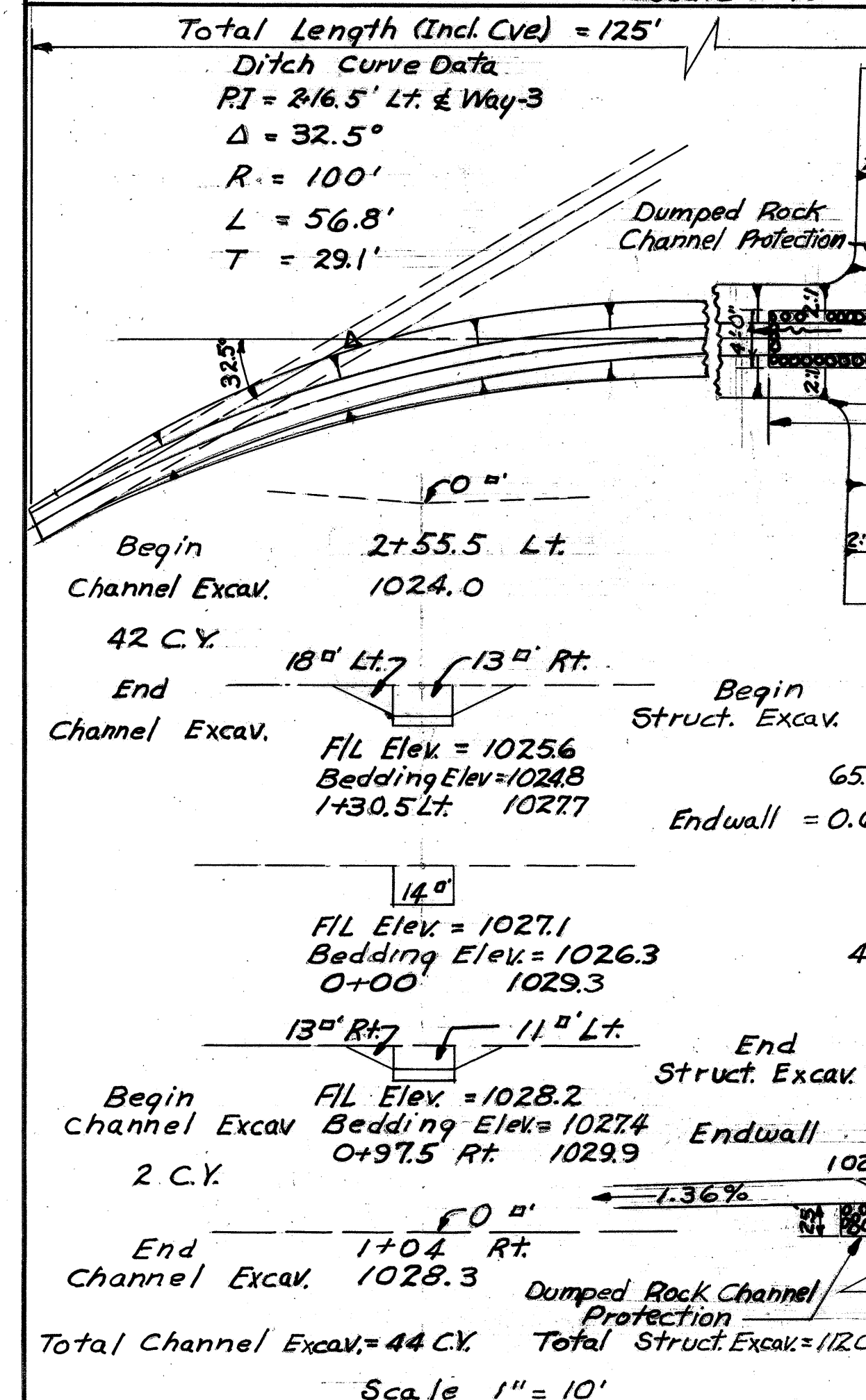
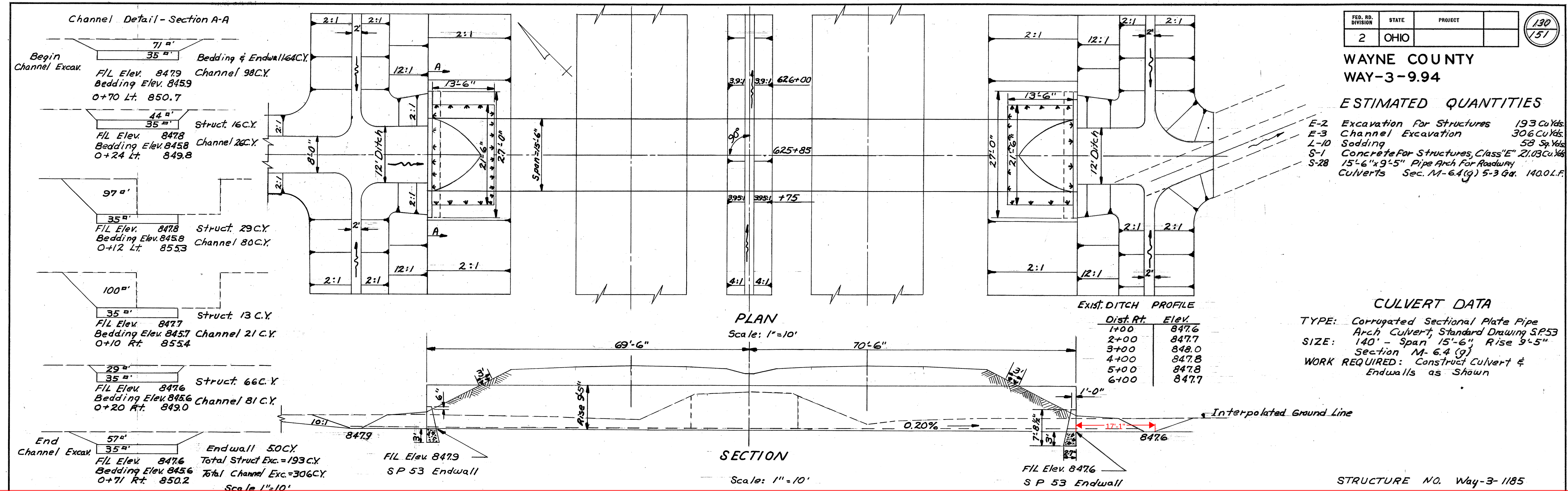
E-4 Granular Borrow Area Vol.	END AREA		Cu. Yds.	
	CUT	FILL	CUT	FILL
412	38	1415		
772			67	2918
421	34	1736		
795			52	3525
437	22	2125		
826			42	4163
455	23	2471		
883			38	4997

WAYNE COUNTY
 WAY-3-9.94



E-4 Granular Borrow Area Vol.	END AREA		CU. YARDS	
	CUT	FILL	CUT	FILL
201	40	696		
411			58	1271
243	22	676		
361			85	1371
147	70	804		
153			56	766
184	50	850		
239			37	840
332	30	964		
647			54	1488
366	28	1183		
721			61	2406

Sta. 625+00 to Sta. 627+00



STR. NO. WAY-3-1028 & WAY-3-1185

Way - 3 Curve Data

Total = 0.18 Acres
P.R.O = 0.00 Acres
Cont = 0.18 Acres

- Total = 0.09 Acres
P.R.O. = 0.00 Acres
Cont. = 0.09 Acres

43LA
Total = 7.16 Acres
P.R.O. = 0.88 Acres
Cont. = 6.28 Acres

~~Total = 0.36 Acres
P.R.O. = 0.00 Acres
Cont. = 0.36 Acres~~

BRIDGE NO.
WAY-3-11.66 L & R.

Curve Data

P.I. 23+36.87 =
614+18.97 & Way-3
 $\Delta = 55^\circ 44' 30''$
 $D = 22^\circ - 55' - 06''$
 $R = 250'$
 $T = 132.21'$
 $L = 243.22'$

Total = 0.22 Acres
P.R.O = 0.04 Acres
Cont. = 0.18 Acres

Total = 0.51 Acres
P.R.O. = 0.24 Acres
Cont. = 0.27 Acres

WOOSTER TWP.
SEC. 8, T-15, R-13

Total = 0.40 Acres
P.R.O. = 0.14 Acres
Cont. = 0.26 Acres

44
Cont. = 0.16 Acres
Total = 0.16 Acres

Existing C.R. 174
Curve Data
P.I. 25+28.50 =
617+40.31 & Way-3
 $\Delta = 34^{\circ} 15' 30''$
 $D = 7^{\circ} 30'$
 $R = 763.96'$
 $L = 456.78'$
 $T = 235.51'$

44x
Cont. = 0.38 Acres
Total = 0.38 Acres

Item SS-18 Type A Fence 2460.62 L.F.

Fence Rev. 3-15-61 J.E.C.

Sta. 605+00 to Sta. 620+00

FED. RD. DIVISION	STATE	PROJECT
2	OHIO	

WAYNE COUNTY
WAY-3-9.94

150
151

7
8

WOOSTER TWP.
SEC. 8, T-15, R-13

END WORK
STA. 632+85.43

FLORENCE M. BARNES

43LA

END PROJECT
STA. 631+85.43

R/W Acquired Under
WAY-30-9.50

CORP
49+79.68

WAY 30-9
+85.43

620 621 N 45° 19' 30" E 622 623 624 625 626 627 628 629 630 631 632

Ex. C.H. 17A (Columbus Ave.)

44LA
Cont. 3.19 Acres
P.R.O. 0.94 Acres
Total 4.13 Acres

Construction Limits

WALTER H. JONES

WOOSTER TWP.
SEC. 8, T-15, R-13

Uncultivated Field

PROJECT-U-1072 (3)
STA. 49+79.68

CITY OF WOOSTER

630+77.90
6" O.D. Line
Buckeye Pipe
Line Co.
N. 0° 59' 30" W
WOOSTER
EQUATION

Item SS-18 Type A Fence 1408 L.F.

Fence Rev. 2-15-61 J.E.C.

Sta. 620+00 to Sta. 631+85.43