

STATE OF OHIO DEPARTMENT OF HIGHWAYS COL-30-32.19 COLUMBIANA COUNTY LIVERPOOL & ST. CLAIR TOWNSHIPS & CITY OF EAST LIVERPOOL

F-U-457(111)

LEG. NO.	STATE	PROJECT	250
2	OHIO		

COL-30-32.19

CONVENTIONAL SIGNS

TOWNSHIP LINE	-----
SECTION LINE	-----
CORPORATION LINE	-----
PROPERTY LINE	-----
CENTER LINE	-----
FENCE LINE	-----
POLE LINE	-----
RAILROAD	-----
GUARD RAIL	-----
DRAIN PIPE	-----
LIMITED ACCESS	-----
RIGHT-OF-WAY	-----

Telephone & Electric P
Old ----- New -----
Old ----- New -----
LA
R/W

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.

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LINE DATA
PROJECT LIMITS
F-457(111) = 800+00 ~ 833+09.81 = 3309.81 Ft. or 0.626 Mi.
U-457(111) = 833+09.81 ~ 888+00 = 5490.19 Ft. or 1.039 Mi.
TOTAL LENGTH OF PROJECT
F-457(111) + U-457(111) = 8800 Ft. or 1.665 Mi.

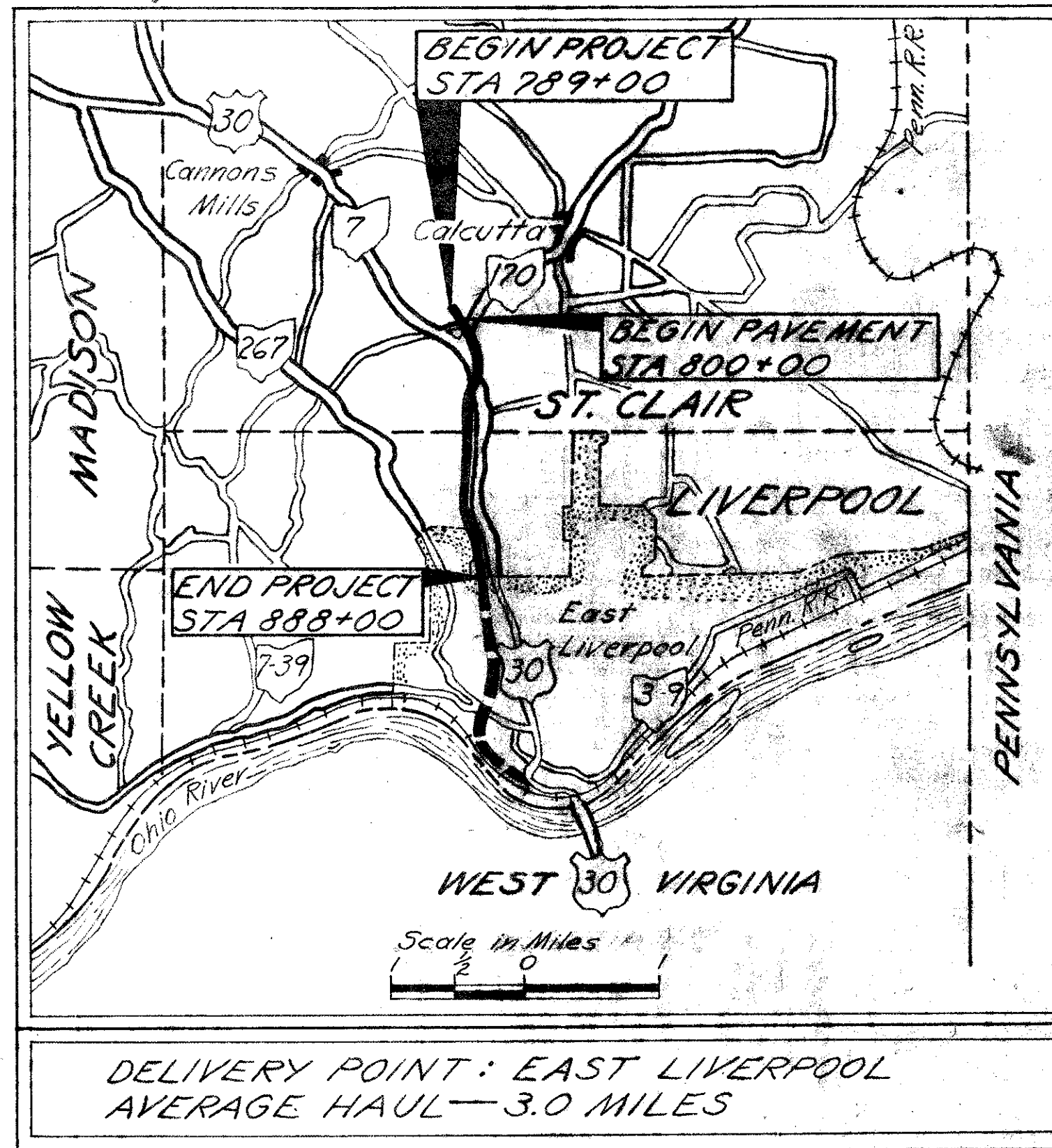
WORK LIMITS
F-457(111) 788+50 ~ 833+09.81 = 4459.81 Lin. Ft.
Add For S.R. 170
16+10.55 ~ 34+50 = 1839.45 Lin. Ft.
Add For Approach "A"
0+2?? ~ 17+00 = 1672.30 Lin. Ft.

NET LENGTH WORK F-457(111) = 2971.56 Lin. Ft. or 1.509 Mi.

U-457(111) = 833+09.81 ~ 888+00 = 5490.19 Lin. Ft.
899+70 ~ 902+20 = 750.00 Lin. Ft.

NET LENGTH WORK U-457(111) = 6240.19 Lin. Ft. or 1.181 Mi.

TOTAL NET LENGTH WORK = 14,211.75 Lin. Ft. or 2.690 Mi.



DELIVERY POINT: EAST LIVERPOOL
AVERAGE HAUL - 3.0 MILES

LOCATION PLAN
Scale: 1" = 1 Mile

Portion to be Improved
Federal Highways
State Highways
Other Highways

SCALES
PLAN ----- 1" = 50'
PROFILE, Horizontal ----- 1" = 50'
PROFILE, Vertical ----- 1" = 10'
CROSS SECTIONS ----- 1" = 10'

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 to traffic of the highway and that provisions for the maintenance and safety of traffic will be as set forth on these plans and estimates.

Approved: Wm. P. McKenna
Date: Feb. 23, 1962 Division Deputy Director

Approved: _____
Date: _____ Engineer of Bridges

Approved: _____
Date: _____ Engineer of Location & Design

Approved: _____
Date: _____ Deputy Director of Design & Construction

Approved: _____
Date: _____ Deputy Director of Right of Way

Approved: _____
Date: _____ Deputy Director of Planning & Programming

Approved: _____
Date: _____ First Assistant Director

Approved: _____
Date: _____ Director of Highways

File No.	COL-30-32.19
Date of Letting	-----196-----
Contract No.	-----

STANDARD DRAWINGS

B-T-70-71	11-15-60	I-8CB No. 22116	3-2-59	I-15 No. 1	11-15-60	T-J	9-12-60
B-T-71R	3-2-53	I-8CB No. 3124	1-26-59	I-15 No. 2A	8-17-60		
DR-1	1-3-55	I-8CB No. 5126	1-26-59	I-15 No. 5	6-1-61	SP-53	7-21-53
F-1	9-1-55	I-8CB No. 3-A	1-26-59	I-21-23	8-1-56	AS-1-54	12-1-54
F-3	9-1-55	I-8CB No. 6	1-26-59	L-1	4-1-50	AR-1-54	12-12-60
G-207	6-1-56	I-8I No. 2	4-23-59	L-3	4-1-50	RB-1-55	2-2-59
HW-A & B	7-15-57	I-8I No. 2A	4-23-59	L-3-A	4-1-50	CSB-2-56 SH 2/3	2-2-59
HW-C	7-15-57	I-8 MH No. 1	1-26-59	L.J. No. 1	7-1-55		
HW-E	11-15-60					FACI-1	12-27-61
I-1	11-15-60	I-12	7-1-54	RI-1	7-15-58	FACI-2	12-27-61
		I-146	1-22-52	F-35	1-2-56		

SUPPLEMENTAL SPECIFICATIONS

CE-101.04	5-22-56
B-112	8-21-61
I-129	4-5-61
18	6-15-59
I-128	7-31-59
M-107.18	4-3-61
M-109.28	8-12-59

DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS

APPROVED:

DIVISION ENGINEER

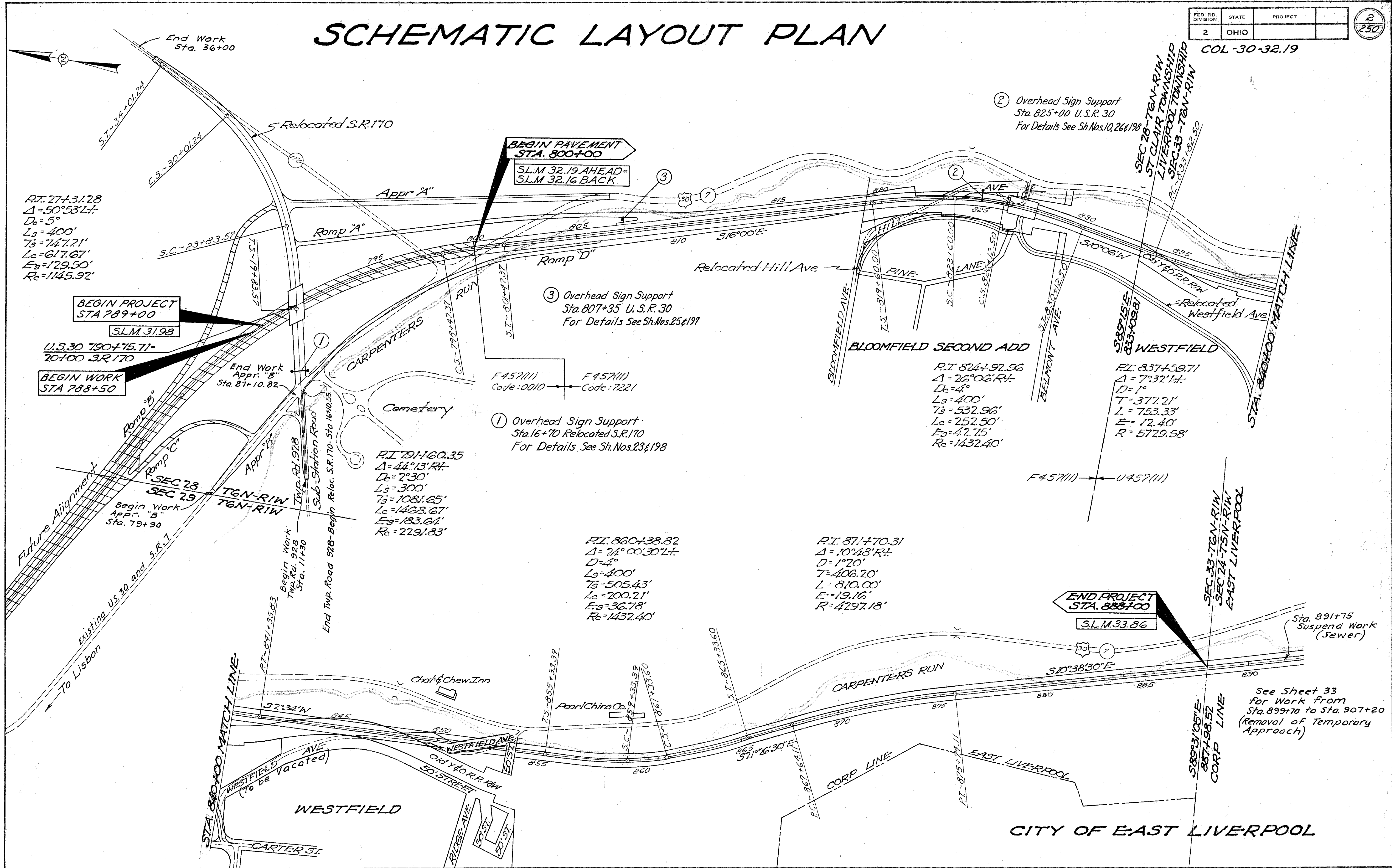
DATE

SCHEMATIC LAYOUT PLAN

FED. RD. DIVISION	STATE	PROJECT
2	OHIO	

2
250

COL-30-32.19



P.I. 27+31.28
 $\Delta = 50^{\circ}53' L+$
 $D = 5^{\circ}$
 $L_s = 400'$
 $T_s = 747.71'$
 $L_c = 617.67'$
 $E_s = 129.50'$
 $R = 1145.92'$

BEGIN PROJECT
 STA. 789+00

U.S. 30 790+75.71 =
 70+00 S.R. 170

BEGIN WORK
 STA. 788+50

BEGIN PAVEMENT
 STA. 800+00
 S.L.M. 32.19 AHEAD =
 S.L.M. 32.16 BACK

② Overhead Sign Support
 Sta. 825+00 U.S.R. 30
 For Details See Sh. Nos. 10, 26 & 198

③ Overhead Sign Support
 Sta. 807+35 U.S.R. 30
 For Details See Sh. Nos. 25 & 197

① Overhead Sign Support
 Sta. 16+70 Relocated S.R. 170
 For Details See Sh. Nos. 23 & 198

P.I. 824+92.96
 $\Delta = 26^{\circ}06' R+$
 $D = 4^{\circ}$
 $L_s = 400'$
 $T_s = 532.96'$
 $L_c = 252.50'$
 $E_s = 42.75'$
 $R = 1432.40'$

P.I. 837+59.71
 $\Delta = 7^{\circ}32' L+$
 $D = 1^{\circ}$
 $T = 377.21'$
 $L = 753.33'$
 $E = 12.40'$
 $R = 5729.58'$

P.I. 791+60.35
 $\Delta = 44^{\circ}13' R+$
 $D = 7^{\circ}30'$
 $L_s = 300'$
 $T_s = 1081.65'$
 $L_c = 1468.67'$
 $E_s = 183.04'$
 $R = 2291.83'$

P.I. 860+38.82
 $\Delta = 74^{\circ}00'30'' L+$
 $D = 4^{\circ}$
 $L_s = 400'$
 $T_s = 505.43'$
 $L_c = 200.21'$
 $E_s = 36.78'$
 $R = 1432.40'$

P.I. 871+70.31
 $\Delta = 10^{\circ}48' R+$
 $D = 1^{\circ}20'$
 $T = 406.20'$
 $L = 810.00'$
 $E = 19.16'$
 $R = 4297.18'$

END PROJECT
 STA. 888+00
 S.L.M. 33.86

SEC. 28-T6N-R1W
 SEC. 29-T6N-R1W
 SEC. 33-T6N-R1W
 SEC. 24-T5N-R1W
 EAST LIVERPOOL

Sta. 891+75
 Suspend Work
 (Sewer)

See Sheet 33
 for Work from
 Sta. 899+70 to Sta. 907+20
 (Removal of Temporary
 Approach)

CITY OF EAST LIVERPOOL

LIMITED ACCESS

 4
20

U.S. 30 Sec 32.19 COLUMBIANA COUNTY TOTAL No. OF OWNERS 73

SUMMARY OF ADDITIONAL RIGHT OF WAY REQUIRED

PARCEL No.	OWNER	DEED REC VOL	DEED PAGE	DEED AREA	TO BE ACQUIRED LAND BLDGS	RESIDUE LEFT	RESIDUE RIGHT	SHEET No.	REMARKS
32-LA	James C. & Margaret Rabon	787	365	Lots	0.446	Yes	0.75	6	Pt. Lots 31-32-33-34
33-LA	Mary A. & Roland Leonard	640	95	Lots	0.051		0.86	6	" " 28-29-30
34	Parcel No. Not Used								
35-LA	Elbert & Johnnie Conger	945	325	Lots	0.63			6	Lot 45
36-LA	Donald Conger	945	527	Lots	1.62	Yes	1.64(L)	6	Lot 46 Pt. Lots 47-53-54
37-LA	John J. & Lavenia Watson	590	262	Lots	1.50	Yes		6	Lots 42-43-44
38-LA	Richard Edward Curran	780	409	Lots	0.50	Yes		6-7	Lot 41
39-LA	William Charles & Gladys Roberts	787	338	Lots	1.00	Yes		7	Lot 39-40
40-LA	Donald F. & Margaret Lones	828	413	Lots	0.50	Yes		7	Lot 38
41-LA	Donald Curran	983	585	Lots	0.23		0.71(L)	6-7	Pt. Lots 51-52
42-LA	Lewis M. & Pearl Ross	669	548	Lots	0.13	Yes	0.37(L)	7	Pt. Lot 50
42A-LA	"						0.71(L)	6-7	Limited Access Only
42B-LA	"						0.99(L)	7	"
42-NA	"							7	"
43-LA	John G. & Margaret Wise	933	112	Lots	0.13		0.31(L)	7	Pt. Lot 49
44	Parcel No. Not Used								
45	"								
46-LA	John G. Wise	762	345	Lots	0.23	Yes	0.62(L)	7	Pt. Lot 48
46-NA	"							7	"
47-LA	W.H. & Phyllis C. Emmerling	626	134	Lots	0.50	Yes		7	Lot 37
48-LA	Frank H. & Helen Hockathorn	1004	43	Lots	0.85	Yes		7	Lots 35-36
49-LA	Frank Basco	613	794	60.69	14.24	Yes	18.79	7-9-11	
49-T	"						1.05	7	
49-NA	"							7	
49A-LA	The Columbiana County Commissioners				0.23			7-9	
50-LA	Willard & Eileen Davis	1041	539	0.69	0.70	Yes		7-9	
51-LA	Charles Harrison Lucas	1034	301	3.63	2.67	Yes		7-9	
52-LA	Roy F. Seitz	593	454	0.75	0.50		0.20	7-9-10	
52	"				0.01			9-10	
53	Roy F. & Dorothy Mary Seitz	536	535	2.00	0.13		1.60	9-10	
54-LA	Richard R. Fenton	1072	123	Lots	0.18		0.58	11	Pt. Lots 9-10
54A-LA	James R. & Dorothy Tice	1058	262	Lots	0.08		0.30	11	Pt. Lot 8
54B-LA	Gertrude C. Reese	989	89	Lots	0.07		0.30	11	Pt. Lot 7
54C-LA	Edwin C. & Anna Gertrude Ring	1046	272	Lots	0.06		0.29	11	Pt. Lot 6
54D-LA	Clarence W. & Louise G. Croxall	910	1023	633	0.06		0.34	11	Pt. Lot 5-6
54E	Rosa Burlingame	1065	320	Lots	0.15		1.39	11	Pt. Lot 2
54FLA	Lawrence M. & Mary H. Block	1092	426	Lots	0.11		1.75	11	Pt. Lot 1
54G-LA	Roland & Mary Leonard	1068	383	Lots	0.05		0.61	11	Pt. Lot 1
* 54H-LA	Harry Junior Lane	913	135	3.00	0.07		5.84	11	
* 54I-LA	Samuel G. & Beulah R. Clutter	862	537	3.555	0.05		0.365	11	
* 54JALA	Samuel G. & Beulah R. Clutter & Ila Burlingame	835	104	4.365	0.03		0.55	11	
* 54K-LA	Everett L. & Ivy E. Clutter	835	97	5.70	0.01		1.93	11	
54K-LA	Martin & Rosalie Silverman	1087	267	Lots	0.05		0.34	11	Pt. Lot 4
55-LA	Bertha E. Gaston	999	232	62.714	9.60	Yes	44.34	9-11-12	
55	"				3.75			9-12	
56-LA	Lee R. Mockey	698	742	0.72	0.26			12	
57	Columbiana County Memorial Park Association				0.10	Yes		9-10	
57-T	"				0.33	Yes		10	
58-LA	"	821	437	81.89	8.29	Yes	71.28	9-10-12-13	
58	"				0.15			13	
59	Parcel No. Not Used								
60-LA	Michael P. McFarlane	926	79	3.76	2.55	Yes	0.47	13	
60-X	"				0.12			13	

PARCEL No.	OWNER	DEED REC VOL	DEED PAGE	DEED AREA	TO BE ACQUIRED LAND BLDGS	RESIDUE LEFT	RESIDUE RIGHT	SHEET No.	REMARKS	
61-LA	Abolph Joseph & Hilda Viola Ruud	721	197	Lots	0.11			13	Lot 713	
65	"				1.87		1.09	13-14	Pt. Lots 174-175	
66-LA	"				0.15			14	Pt. Lot 176	
66	"				1.28		1.27	14	Pt. Lots 176-177-178	
68-LA	"				0.17			14	Lot 211	
62	William N. Burgess	619	85	Lots	0.62		0.29	13	Pt. Lots 172-173	
62-A	"	619	86	Lots	0.03		3.50	13	Pt. Lot 179	
63-LA	David Taylor	991	608	Lots	1.83	Yes		13-14	Lot 212 & Land	
63	"				0.23			13-14		
64-LA	George W. & Gloria D. Byrd	972	159	Lots	1.18	Yes		13-14	Lot 171	
67-LA	L.W. Smith	762	247	1.561	1.57			14		
67	"				0.03			14		
69-LA	Everett L. Eastham	946	291	20.0	1.10			14		
69A-LA	"				0.68			14		
69	"				1.73		16.08	14		
70	Parcel No. Not Used									
71	"									
72-LA	Clarence & Cora Ollis	684	270	3.37	2.15	Yes		14		
72	"				0.77			14		
73	Minabelle Faulks	1062	684	Lots	0.24		0.84	14	Pt. Lot 12	
74	Robert J. & Elizabeth C. Mc Dermott	859	38	Lots	0.62	Yes	1.47	14	Pt. Lots 13-14	
74-NA	"							14		
75-LA	Paul E. Little	1076	684	Lots	0.03			14	Pt. Lots 15-16	
75	"	1076	687		1.16	Yes	1.0	14-16	Pt. Lots 15-16	
76-LA	Roy Birch	591	526	Lots	2.37	7.19	Yes	0.72	14-16-17	
76	"	599	792					16	Pt. Lot 18	
77	Dolores Vale	1046	393	Lots	0.69	Yes	0.46	0.37	16	Pt. Lot 17
78-LA	Everett & Evelyn D. Campbell	968	572	Lots	0.04		2.23	16	Pt. Lot 39	
78	Ronald H. Woerner	1088	192	0.41	0.03		0.38	16	Pt. Lot 41	
79-LA	Frederick Bickerton	357	378	Lots	0.47		1.75	16	Pt. Lots 37-38	
80-LA	James Edwards	487	529	Lots	0.69		1.68	16	Pt. Lots 35-36	
81-LA	Robert W. Poole	933	345	Lots	0.41		1.72	16	Pt. Lots 33-34	
82-LA	Annie Rineshine	410	585	Lots	0.06		1.56	16	Pt. Lot 32	
83-LA	James & Shirley Powell	910	297	3.86	1.17		2.57	16-17		
83A-LA	"				0.12			17		
84-LA	Frank Todoff	753	451	Lots	0.41	Yes		16-17	Lot 176	
84A-LA	Lawrence E. Brokaw & Ruth W. Moore	1028	642					17	Limited Access Only	
85-LA	D.L. & George Singer	555	571		3.67	0.27		17		
85-T	"				0.19			17		
86-LA	Harold A. Dawson	636	574	17.26	0.27		0.07	17	(LP)	
87-LA	William L. & Harland A. Meredith & Marguerite C. Pyle	1081	356	7.85	0.81			17	(LP)	
88-LA	Harry H. Hill & Mary H. Foulk	418	531	261.71	0.27		189.62	17-18		
89-LA	Frank E. Chandler	636	363	3.65	1.42	Yes	2.07	17	(LP)	
90-LA	Floyd & Millicent B. Hall	768	72	0.16	0.16	Yes		17	(LP)	
91-LA	The East Liverpool Humane Society	833	616	1.25	1.14		0.41	17-18	(LP)	
91-X	"				0.19			18		

(LP) Landlocked Parcel
(L) Landlocked Residue
* Indicates that a parcel has been added at the end of the summary

Cont. Sheet 5

COMPLETION DATE: 2-20-62

FED. RD. DIVISION	STATE	PROJECT
2	OHIO	

COL-30-32.19

LIMITED ACCESS

PARCEL No.	OWNER	DEED REC.		DEED AREA	TO BE ACQUIRED LAND BUDS		RESIDUE		SHEET No.	REMARKS
		VOL.	PAGE		LEFT	RIGHT	LEFT	RIGHT		
92-LA	Rose Brindley	687	481	2.55	0.22		0.89		18	
93-LA	Shirley C. McBurney	1012	233	13.70	8.24	Yes	0.66	4.68(L)	17-18-19	
94-LA	Jesse J. & Dora E. Colgrove	674	527	0.74	0.43	Yes	0.15		18	
95-LA	Robert P. & Mary L. Wolfe	762	603	3.01	0.41	Yes		2.60(L)	19	
95-WA	"								19	
100-LA	"	914	604	0.22	0.34	Yes			19	
96-LA	Ralph Watson	1068	677	1.0	0.16	Yes		0.84(L)	19	
97-LA	Samuel J. & Anna M. Watters	545	10	0.33	0.21	Yes			18	
98-LA	Crockery City Ice & Products Co	451	350		5.04		0.33		18-19	
99-LA	James E. & Shirley M. Powell	930	614	2.01	0.33	Yes		1.68(L)	19	
54H	Harry Junior Lane				0.38				11A	
54I	Samuel G. & Beulah R. Clutter				0.07				11A	
54IA	Samuel G. & Beulah R. Clutter & Ito Burlingame				0.13	Yes			11A	
54J	Everett L. & Ivy E. Clutter				0.11	Yes			11A	
95-WD	Robert P. & Mary L. Wolfe	762	603	3.01	2.69				19	
96-WD	Ralph Watson	1068	677	1.0	0.85				19	
99-WD	James E. & Shirley M. Powell	930	614	2.01	1.73	Yes			19	

(L.P) Landlocked Parcel
(L) Landlocked Residue

COMPLETION DATE: 2-20-62
Rev. 6-25-62. Added Parcel 95-WD, 96-WD & 99-WD

ST. CLAIR TOWNSHIP - SEC 29 - T6N - R1W

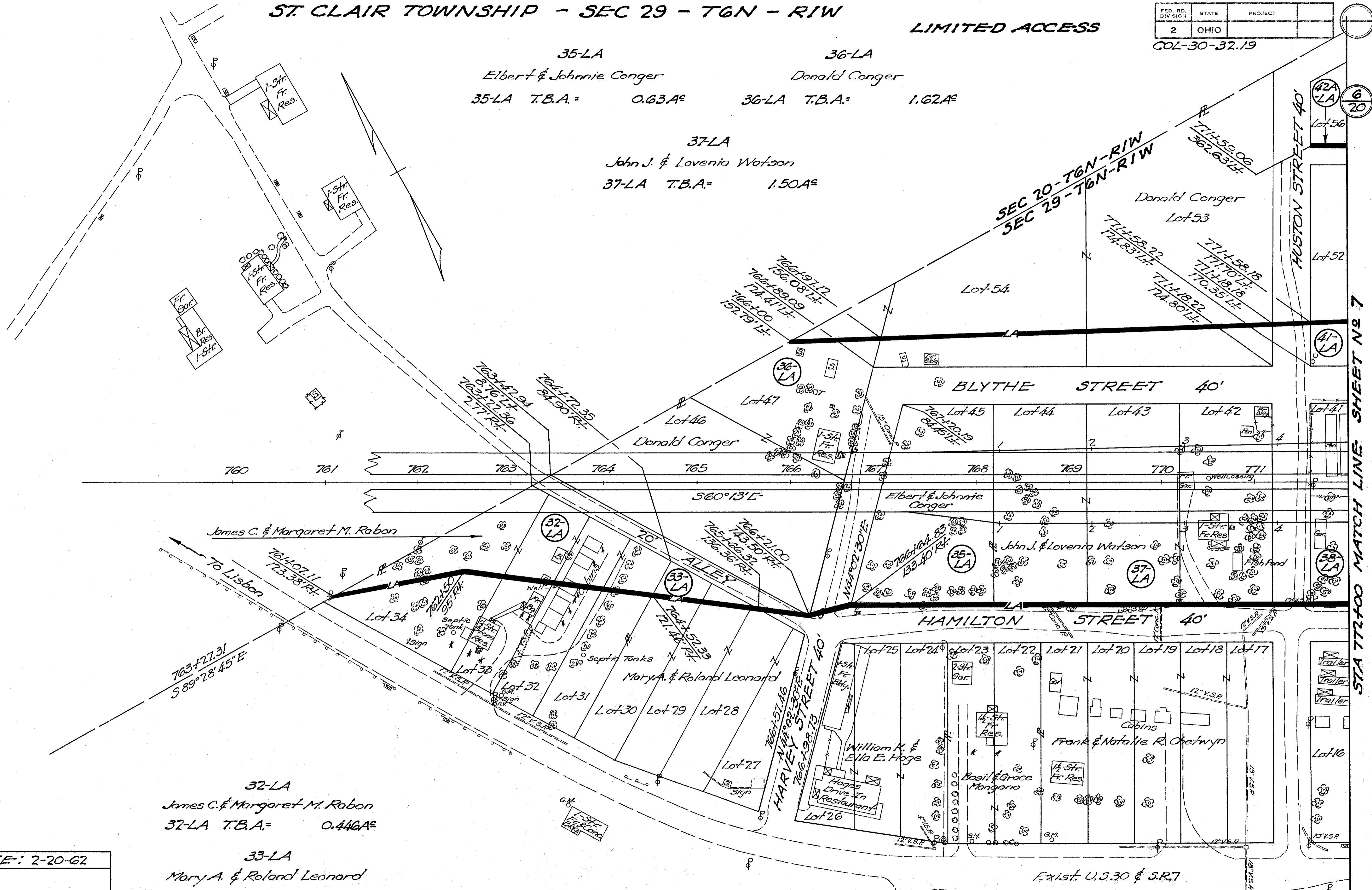
LIMITED ACCESS

FED. RD. DIVISION	STATE	PROJECT
2	OHIO	COL-30-32.19

35-LA
Elbert & Johnnie Conger
35-LA T.B.A. = 0.63A^c

36-LA
Donald Conger
36-LA T.B.A. = 1.62A^c

37-LA
John J. & Lovenia Watson
37-LA T.B.A. = 1.50A^c



32-LA
James C. & Margaret M. Rabon
32-LA T.B.A. = 0.446A^c

33-LA
Mary A. & Roland Leonard
33-LA T.B.A. = 0.051A^c

COMPLETION DATE: 2-20-62

GASTON PLACE FIRST ADDITION
PLAT BOOK 1 PAGE 54
LOTS 1-56

STA. 763+25 to STA. 772+00 RIGHT-OF-WAY PLAN

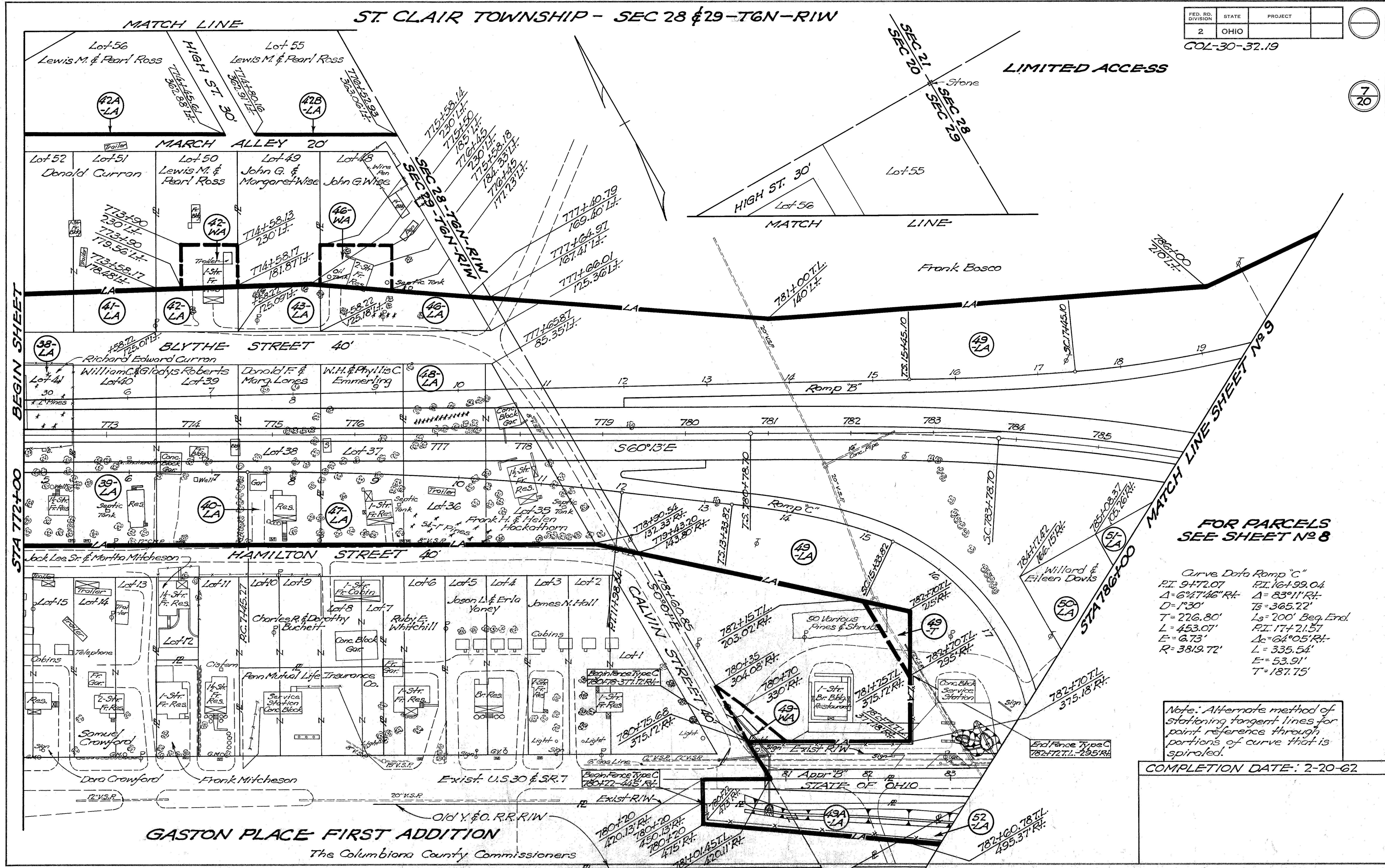
STA 772+00 MATCH LINE SHEET NO 7

ST. CLAIR TOWNSHIP - SEC 28 & 29 - T6N - R1W

FED. RD. DIVISION	STATE	PROJECT
2	OHIO	

COL-30-32.19

7/20



FOR PARCELS SEE SHEET NO 8

Curve Data Romp "C"

P.I. 9+72.07	P.I. 16+99.04
$\Delta = 64^{\circ}14'6''$ RT.	$\Delta = 83^{\circ}11'$ RT.
D = 130'	Ts = 365.22'
T = 276.80'	Ls = 200' Beg. End.
L = 453.07'	P.I. 17+21.57
E = 6.73'	$\Delta c = 64^{\circ}05'$ RT.
R = 3819.72'	L = 335.54'
	E = 53.91'
	T = 187.75'

Note: Alternate method of stationing tangent lines for point reference through portions of curve that is spiraled.

COMPLETION DATE: 2-20-62

GASTON PLACE FIRST ADDITION
The Columbiana County Commissioners

STA. 772+00 to STA. 786+00 RIGHT-OF-WAY PLAN

LIMITED ACCESS

PARCELS FOR SHEET No. 7

<p>38-LA Richard Edward Curran</p> <p>38-LA T.B.A. = 0.50A[±]</p>	<p>39-LA William Charles & Gladys Roberts</p> <p>39-LA T.B.A. = 1.00A[±]</p>	<p>40-LA Donald F. & Margaret Lones</p> <p>40-LA T.B.A. = 0.50A[±]</p>	<p>41-LA Donald Curran</p> <p>41-LA T.B.A. = 0.23A[±]</p>	<p>42-LA-42B-LA-42A-LA-42-WA Lewis M. & Pearl Ross</p> <p>42-LA T.B.A. = 0.13A[±] 42A-LA Limited Access Only 42B-LA Limited Access Only 42-WA</p>
<p>43-LA John G. & Margaret Wise</p> <p>43-LA T.B.A. = 0.13A[±]</p>	<p>46-LA-46WA John G. Wise</p> <p>46-LA T.B.A. = 0.23A[±] 46-WA</p>	<p>47-LA W.H. & Phyllis C. Emmerling</p> <p>47-LA T.B.A. = 0.50A[±]</p>	<p>48-LA Frank H. & Helen Hockathorn</p> <p>48-LA T.B.A. = 0.85A[±]</p>	

PARCELS FOR SHEET No. 7 & 9

<p>49-LA-49-T-49-WA Frank Bosco</p> <p>49-LA T.B.A. = 14.24A[±] 49-LA P.R.O. = 1.05A[±] 49-T T.B.A. = 0.05A[±] 49-WA</p>	<p>49A-LA The Columbiana County Commissioners</p> <p>49A-LA T.B.A. = 0.23A[±]</p>	<p>50-LA Willard & Eileen Davis</p> <p>50-LA T.B.A. = 0.70A[±] 50LA P.R.O. = 0.001A[±]</p>	<p>51-LA Charles Harrison Lucas</p> <p>51-LA T.B.A. = 2.67A[±] 51LA P.R.O. = 0.13A[±]</p>	<p>52-LA-52 Roy F. Seitz</p> <p>52-LA T.B.A. = 0.50A[±] 52-LA P.R.O. = 0.05A[±] 52 T.B.A. = 0.01A[±] 52 P.R.O. = 0.002A[±]</p>
<p>53 Roy F. & Dorothy Mary Seitz</p> <p>53 T.B.A. = 0.13A[±] 53 P.R.O. = 0.14A[±]</p>				

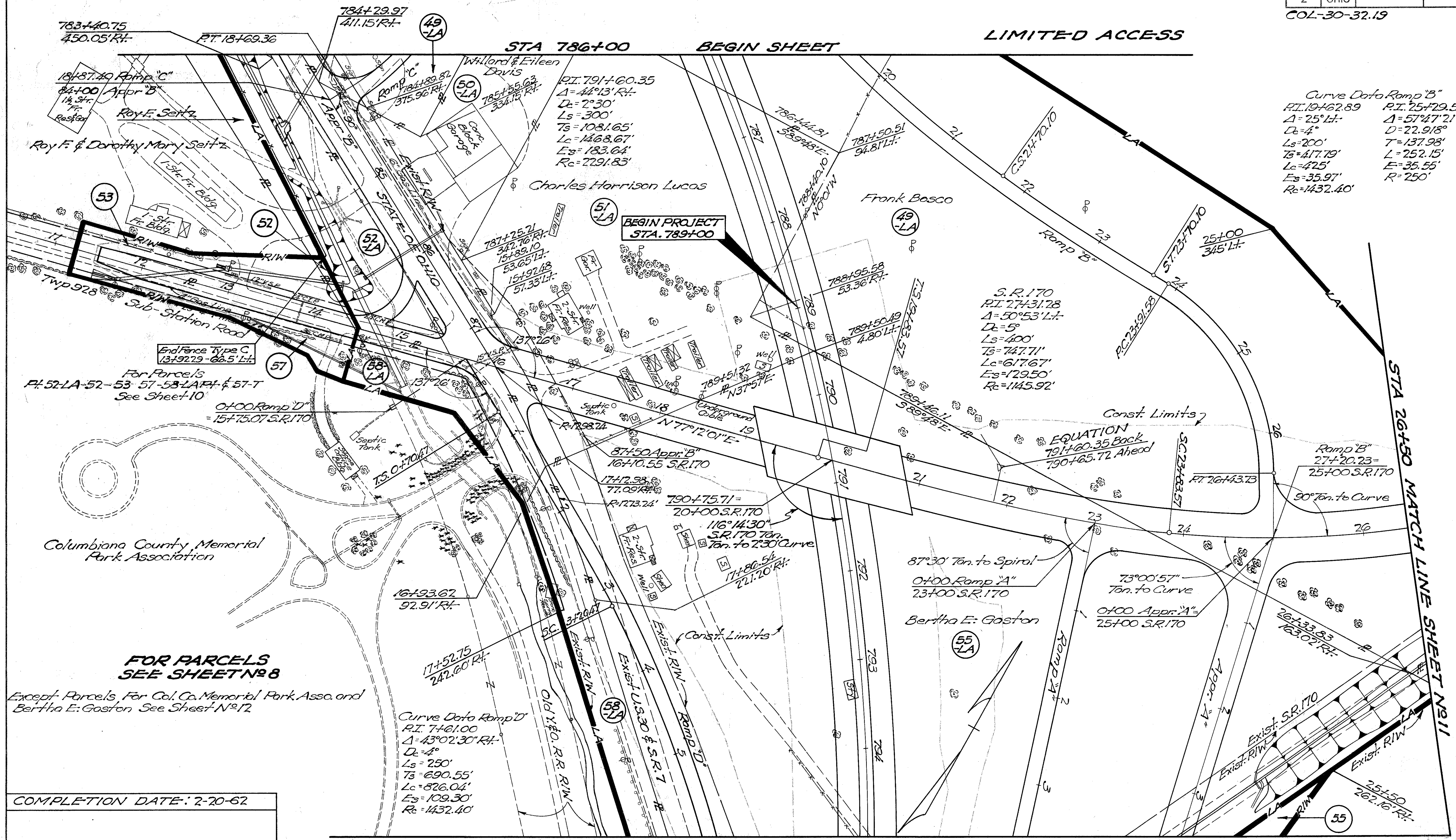
COMPLETION DATE: 2-20-62

ST. CLAIR TOWNSHIP - SEC 28 - T6N - R1W

FED. RD. DIVISION	STATE	PROJECT
2	OHIO	

COL-30-32.19

9/20



Curve Data Ramp "B"
 P.I. 19+62.89 P.I. 25+79.56
 $\Delta = 25^\circ L.L.$ $\Delta = 57^\circ 47' 21" R.L.$
 $D = 4^\circ$ $D = 22.918^\circ$
 $L_s = 200'$ $T = 137.98'$
 $T_s = 417.19'$ $L = 252.15'$
 $L_c = 425'$ $E = 35.55'$
 $E_s = 35.97'$ $R = 250'$
 $R_c = 1432.40'$

S.R. 170
 P.I. 27+31.28
 $\Delta = 50^\circ 53' L.L.$
 $D = 5^\circ$
 $L_s = 400'$
 $T_s = 747.71'$
 $L_c = 617.67'$
 $E_s = 129.50'$
 $R_c = 1145.92'$

Curve Data Ramp "D"
 P.I. 7+61.00
 $\Delta = 43^\circ 02' 30" R.L.$
 $D = 4^\circ$
 $L_s = 250'$
 $T_s = 690.55'$
 $L_c = 826.04'$
 $E_s = 109.30'$
 $R_c = 1432.40'$

For Parcels
 P.I. 52-LA-52-53-57-58-LA P.I. & 57-T
 See Sheet 10

FOR PARCELS
 SEE SHEET No 8

Except Parcels For Col. Co. Memorial Park Assn. and
 Bertha E. Gaston See Sheet No 12

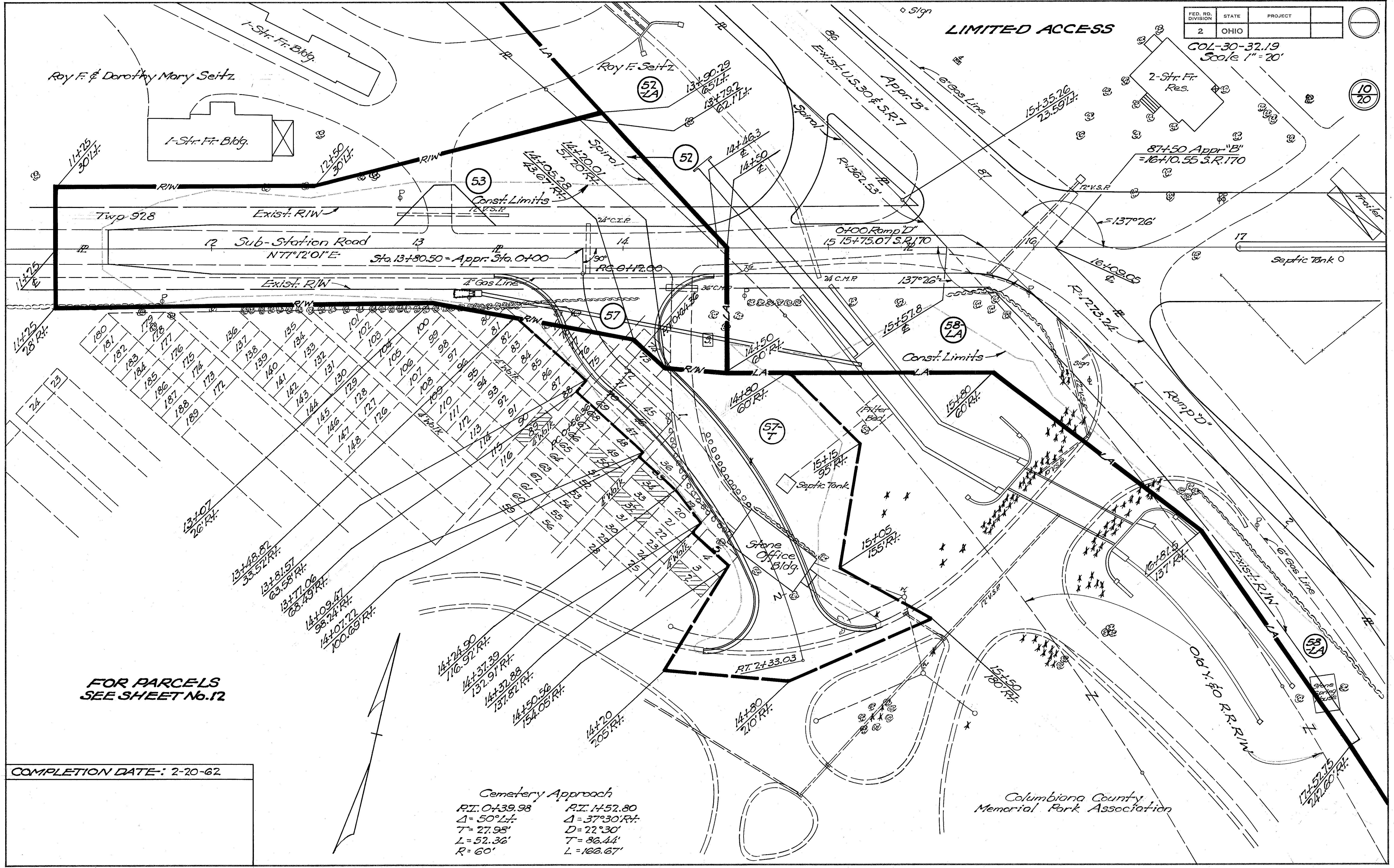
COMPLETION DATE: 2-20-62

STA 795+00 MATCH LINE SHEET No 12

STA. 786+00 to STA. 795+00 RIGHT-OF-WAY PLAN

FED. RD. DIVISION	STATE	PROJECT
2	OHIO	

COL-30-32.19
Scale 1" = 20'



Roy F. & Dorothy Mary Seitz

Roy F. Seitz

2-Str. Fr. Res.

87+50 Appr. "B"
= 16+10.55 S.R. 170

1-Str. Fr. Bldg.

Const. Limits
12' V.S.R.

Const. Limits

Stone Office Bldg.

Columbiana County
Memorial Park Association

FOR PARCELS
SEE SHEET No. 12

COMPLETION DATE: 2-20-62

Cemetery Approach
 P.I. 0+39.98 P.I. 1452.80
 $\Delta = 50^\circ L\&R$ $\Delta = 37^\circ 30' R\&L$
 $T = 27.98'$ $D = 22^\circ 30'$
 $L = 52.36'$ $T = 86.44'$
 $R = 60'$ $L = 166.67'$

(Sub-Station Road) Twp. Road 928 RIGHT-OF-WAY PLAN

ST CLAIR TOWNSHIP SEC 28 - T6N - R1W

FED. RD. DIVISION	STATE	PROJECT
2	OHIO	

COL-30-32.19

LIMITED ACCESS

11/20

54-LA
Richard R. Fenton
54-LA T.B.A. = 0.18A^c

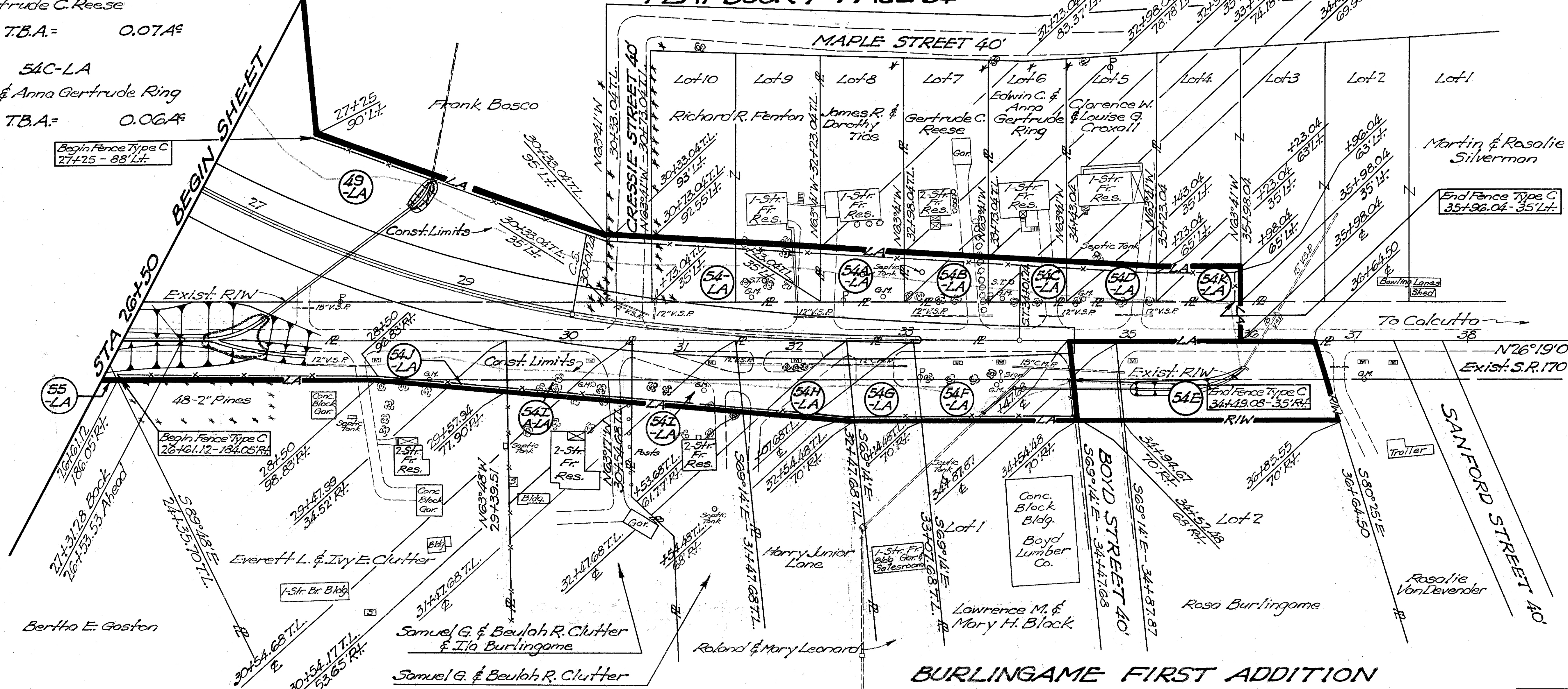
54A-LA
James R. & Dorothy Tice
54A-LA T.B.A. = 0.08A^c

54B-LA
Gertrude C. Reese
54B-LA T.B.A. = 0.07A^c

54C-LA
Edwin C. & Anna Gertrude Ring
54C-LA T.B.A. = 0.06A^c

RI = 27+31.28
Δ = 50°53'Lt
Dc = 5'
Ls = 400'
Tb = 747.71'
Lc = 617.67'
Eb = 129.50'
Rc = 1145.92'

LOTS-1-27
MEMORIAL PARKVIEW ALLOTMENT
FIRST ADDITION
PLAT BOOK 7 PAGE 34



Begin Fence Type C
27+25 - 88' Lt.

End Fence Type C
35+96.04 - 35' Lt.

SEE SHEET 11A

BURLINGAME FIRST ADDITION
PLAT BOOK 9 PAGE 47

54D-LA
Clarence W. & Louise G. Croxall
54D-LA T.B.A. = 0.06A^c

54F-LA
Lawrence M. & Mary H. Black
54F-LA T.B.A. = 0.11A^c
P.R.O. = 0.11A^c

54H-LA
Harry Junior Lane
54H-LA T.B.A. = 0.07A^c
P.R.O. = 0.08A^c

54IA-LA
Samuel G. & Beulah R. Clutter & Ilo Burlingame
54IA-LA T.B.A. = 0.03A^c
P.R.O. = 0.09A^c

54E
Rosa Burlingame
54E T.B.A. = 0.15A^c
P.R.O. = 0.14A^c

54G-LA
Roland & Mary Leonard
54G-LA T.B.A. = 0.05A^c
P.R.O. = 0.05A^c

54I-LA
Samuel G. & Beulah R. Clutter
54I-LA T.B.A. = 0.05A^c
P.R.O. = 0.08A^c

54J-LA
Everett L. & Ivy E. Clutter
54J-LA T.B.A. = 0.01A^c
P.R.O. = 0.28A^c

54K-LA
Martin & Rosalie Silverman
54K-LA T.B.A. = 0.05A^c

Note: Alternate method of stationing tangent lines for point reference through portions of curve that is spiraled.

COMPLETION DATE: 2-20-62

S.R. 170 RELOCATION STA. 26+50 to STA. 36+64.50

ST CLAIR TOWNSHIP SEC 28 - T6N - R1W

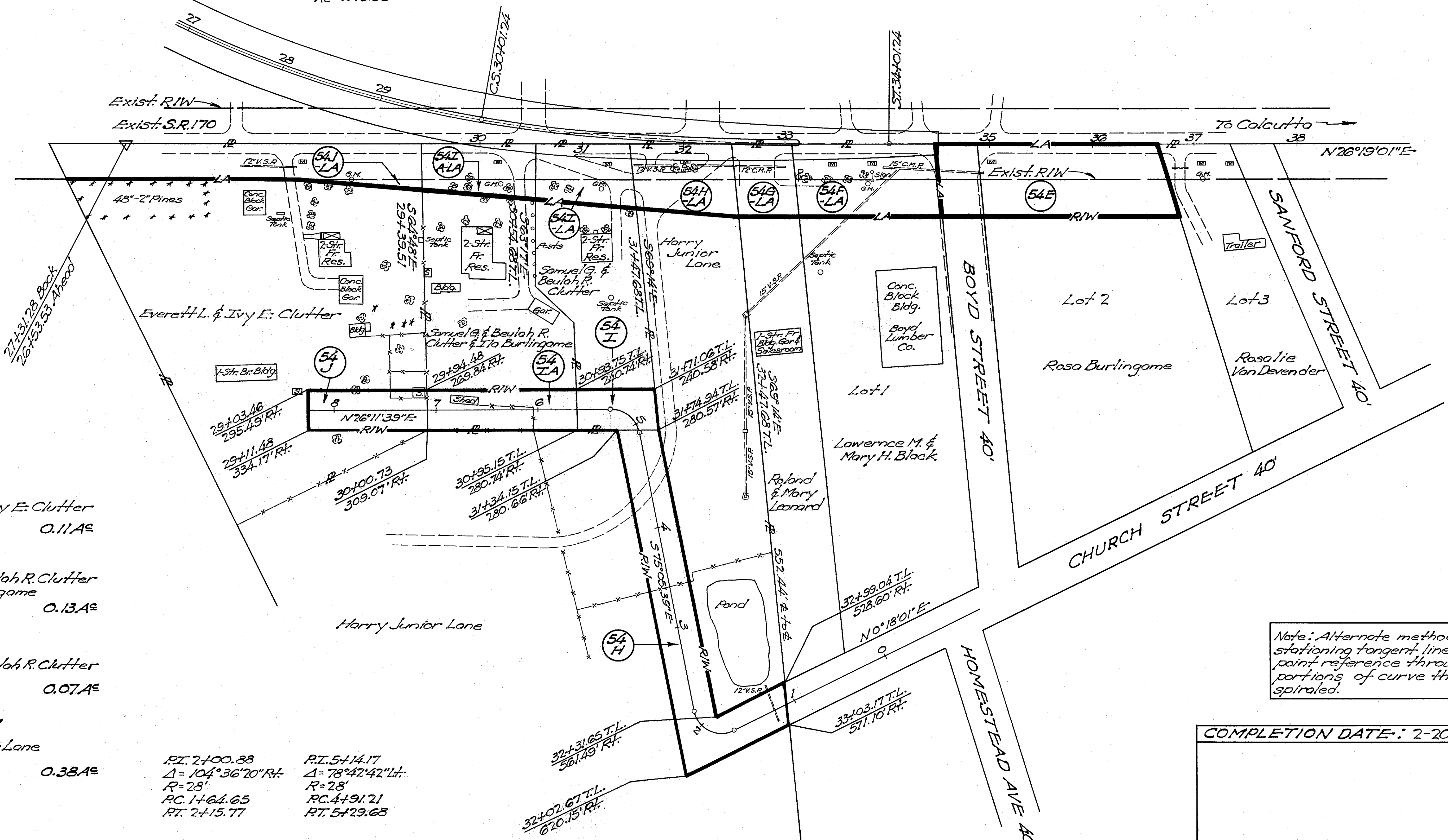
FED. RD. DIVISION	STATE	PROJECT
2	OHIO	

COL-30-32.19

LIMITED ACCESS

11A
20

R.I. 27+31.28
 $\Delta = 50^{\circ}53'14''$
 $D_c = 5'$
 $L_s = 400'$
 $T_s = 747.71'$
 $L_d = 617.67'$
 $E_s = 129.50'$
 $R_c = 1145.92'$



- 54J
Everett L. & Ivy E. Clutter
54J T.B.A. = 0.11A[±]
- 54IA
Samuel G. & Beulah R. Clutter
Ito Burlingame
54IA T.B.A. = 0.13A[±]
- 54I
Samuel G. & Beulah R. Clutter
54I T.B.A. = 0.07A[±]
- 54H
Harry Junior Lane
54H T.B.A. = 0.38A[±]

R.I. 2+00.88
 $\Delta = 104^{\circ}36'20''$ Rt.
 $R = 28'$
 $P.C. 1+64.65$
 $P.T. 2+15.77$

R.I. 5+14.17
 $\Delta = 78^{\circ}42'42''$ Lt.
 $R = 28'$
 $P.C. 4+91.21$
 $P.T. 5+29.68$

Note: Alternate method of stationing tangent lines for point reference through portions of curve that is spiraled.

COMPLETION DATE: 2-20-62

CHURCH STREET ACCESS ROAD

ST CLAIR TOWNSHIP - SEC 28 - T6N - R1W

FED. RD. DIVISION	STATE	PROJECT
2	OHIO	

COL-30-32.19

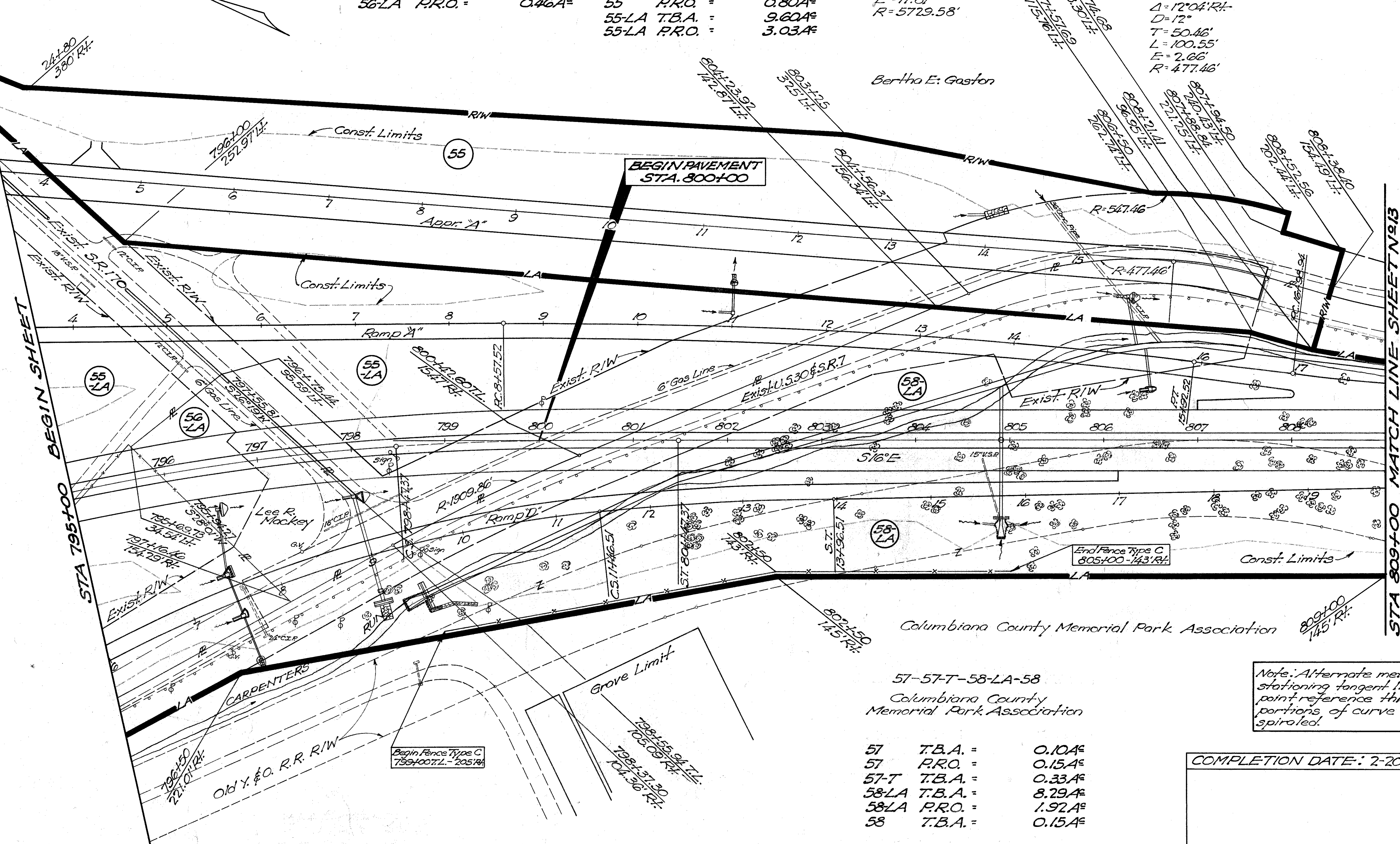
12
20

56-LA		55-LA-55	
Lee R. Mockey		Bertha E. Gaston	
56-LA T.B.A. =	0.26A ^c	55 T.B.A. =	3.75A ^c
56-LA P.R.O. =	0.46A ^c	55 P.R.O. =	0.80A ^c
		55-LA T.B.A. =	9.60A ^c
		55-LA P.R.O. =	3.03A ^c

Romp "A"
P.I. 12+25.72
 $\Delta = 7^{\circ}21' R$
D = 1°
T = 368'
L = 735'
E = 11.8'
R = 5729.58'

LIMITED ACCESS

Appr. "A"
P.I. 16+51.71
 $\Delta = 12^{\circ}04' R$
D = 12°
T = 50.46'
L = 100.55'
E = 2.66'
R = 477.46'



STA 795+00 BEGIN SHEET

STA 809+00 MATCH LINE SHEET N913

Columbiana County Memorial Park Association

57-57-T-58-LA-58
Columbiana County
Memorial Park Association

57 T.B.A. =	0.10A ^c
57 P.R.O. =	0.15A ^c
57-T T.B.A. =	0.33A ^c
58-LA T.B.A. =	8.29A ^c
58-LA P.R.O. =	1.92A ^c
58 T.B.A. =	0.15A ^c

Note: Alternate method of stationing tangent lines for point reference through portions of curve that is spiraled.

COMPLETION DATE: 2-20-62

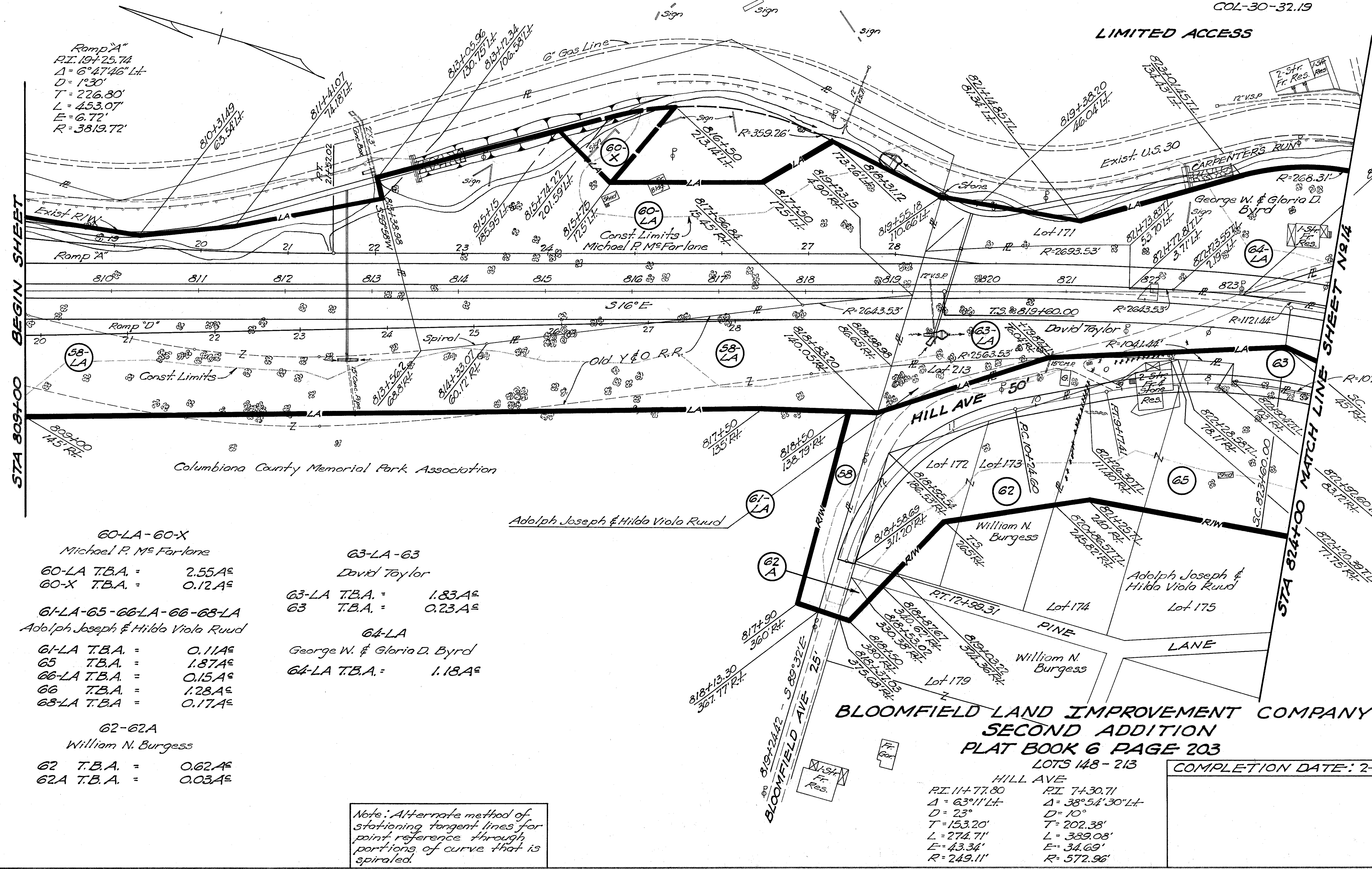
ST. CLAIR TOWNSHIP - SEC 28 - T6N - R1W

FED. RD. DIVISION	STATE	PROJECT
2	OHIO	

COL-30-32.19

13
20

LIMITED ACCESS



STA 809+00 BEGIN SHEET

STA 824+00 MATCH LINE SHEET NO 14

Ramp "A"
P.I. 19+25.74
Δ = 6°47'46" L.L.
D = 1°30'
T = 226.80'
L = 453.07'
E = 6.72'
R = 3819.72'

60-LA-60-X
Michael P. McFarlane
60-LA T.B.A. = 2.55A[±]
60-X T.B.A. = 0.12A[±]

61-LA-65-66-LA-66-68-LA
Adolph Joseph & Hilda Viola Ruud
61-LA T.B.A. = 0.11A[±]
65 T.B.A. = 1.87A[±]
66-LA T.B.A. = 0.15A[±]
66 T.B.A. = 1.28A[±]
68-LA T.B.A. = 0.17A[±]

63-LA-63
David Taylor
63-LA T.B.A. = 1.83A[±]
63 T.B.A. = 0.23A[±]

64-LA
George W. & Gloria D. Byrd
64-LA T.B.A. = 1.18A[±]

62-62A
William N. Burgess
62 T.B.A. = 0.62A[±]
62A T.B.A. = 0.03A[±]

Note: Alternate method of stationing tangent lines for point reference through portions of curve that is spiraled.

BLOOMFIELD LAND IMPROVEMENT COMPANY
SECOND ADDITION
PLAT BOOK 6 PAGE 203
LOTS 148 - 213

HILL AVE
P.I. 11+77.80
Δ = 63°11' L.L.
D = 23°
T = 153.20'
L = 274.71'
E = 43.34'
R = 249.11'

P.I. 7+30.71
Δ = 38°54'30" L.L.
D = 10°
T = 202.38'
L = 389.08'
E = 34.69'
R = 572.96'

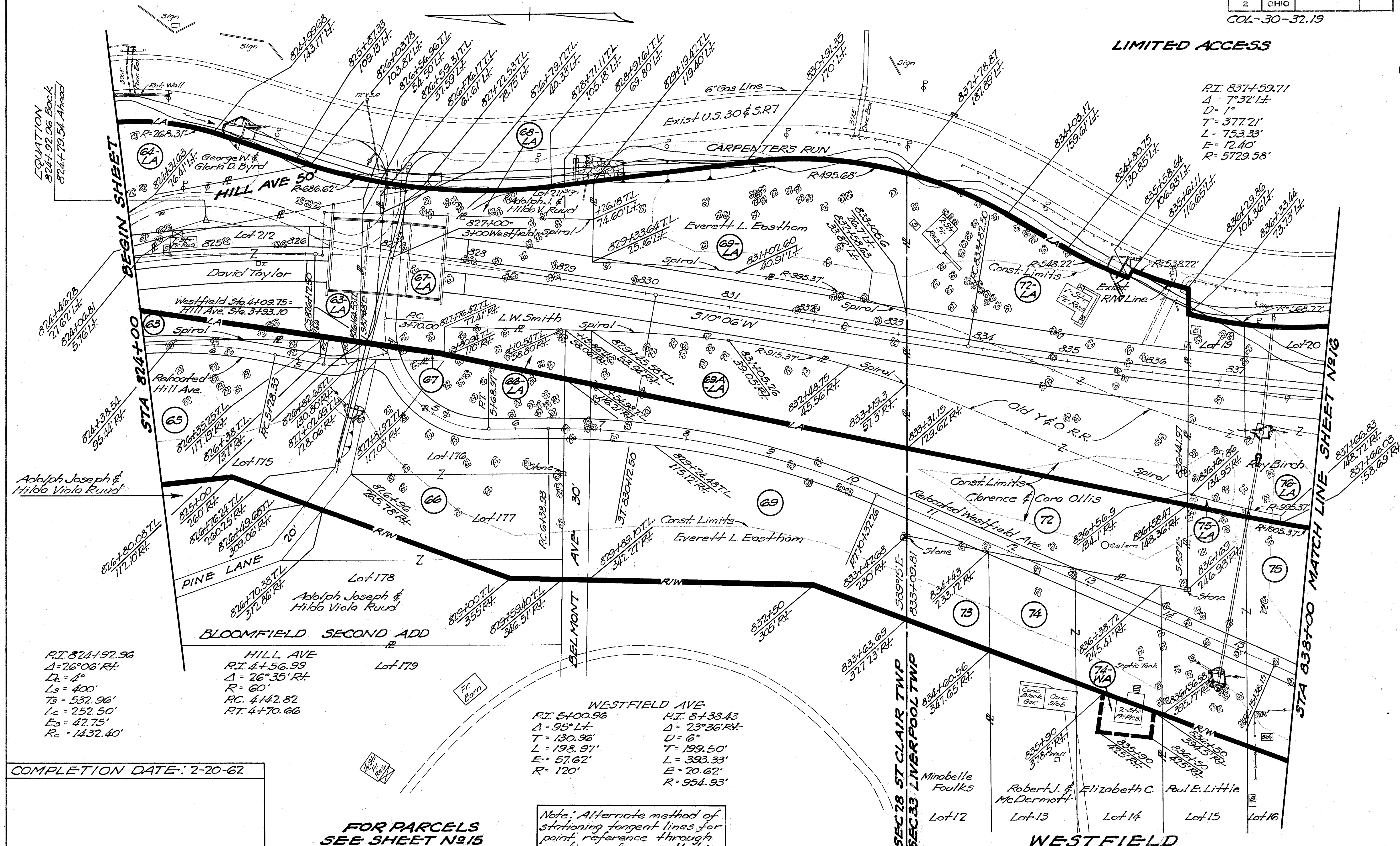
STA. 809+00 to STA. 824+00 RIGHT-OF-WAY PLAN

FED. RD. DIVISION	STATE	PROJECT
2	OHIO	

COL-30-37.19

LIMITED ACCESS

14
20



R.I. 837+59.71
 $\Delta = 7^{\circ}32' L$
 $D = 1^{\circ}$
 $T = 377.21'$
 $L = 753.33'$
 $E = 12.40'$
 $R = 5729.58'$

R.I. 824+92.96
 $\Delta = 26^{\circ}06' R$
 $D = 4^{\circ}$
 $L_s = 400'$
 $T_s = 532.96'$
 $L_c = 252.50'$
 $E_s = 42.75'$
 $R_c = 1432.40'$

HILL AVE
R.I. 4+56.99
 $\Delta = 26^{\circ}35' R$
 $R = 60'$
P.C. 4+42.82
P.T. 4+70.66

WESTFIELD AVE
R.I. 5+00.96
 $\Delta = 95^{\circ} L$
 $T = 130.96'$
 $L = 198.97'$
 $E = 57.62'$
 $R = 120'$

R.I. 8+38.43
 $\Delta = 23^{\circ}36' R$
 $D = 6^{\circ}$
 $T = 199.50'$
 $L = 393.33'$
 $E = 20.62'$
 $R = 954.93'$

COMPLETION DATE: 2-20-62

FOR PARCELS SEE SHEET N915

Note: Alternate method of stationing tangent lines for point reference through portions of curve that is spiraled.

WESTFIELD PLAT BOOK 7 PAGE 25

STA. 824+00 to STA. 838+00 RIGHT-OF-WAY PLAN

LIMITED ACCESS

PARCELS FOR SHEET No.14

<p>67-LA-67 <i>L.W. Smith</i></p> <p>67-LA T.B.A. = 1.57A[±] 67 T.B.A. = 0.03A[±]</p>	<p>69-LA-69A-LA-69 <i>Everett L. Eastham</i></p> <p>69-LA T.B.A. = 1.10A[±] 69A-LA T.B.A. = 0.68A[±] 69 T.B.A. = 1.73A[±]</p>	<p>72-LA-72 <i>Clarence & Cora Ollis</i></p> <p>72-LA T.B.A. = 2.15A[±] 72 T.B.A. = 0.77A[±]</p>	<p>73 <i>Minabelle Foulks</i></p> <p>73 T.B.A. = 0.24A[±]</p>	<p>74-74-WA <i>Robert J. & Elizabeth C. McDermott</i></p> <p>74 T.B.A. = 0.62A[±] 74-WA</p>
<p>75-LA-75 <i>Paul E. Little</i></p> <p>75-LA T.B.A. = 0.03A[±] 75 T.B.A. = 1.16A[±]</p>				

PARCELS FOR SHEET No.16

<p>76-LA-76 <i>Roy Birch</i></p> <p>76-LA T.B.A. = 7.19A[±] 76 T.B.A. = 0.01A[±]</p>	<p>77 <i>Dobres Vale</i></p> <p>77 T.B.A. = 0.69A[±]</p>	<p>78-LA <i>Everett & Evelyn D. Campbell</i></p> <p>78-LA T.B.A. = 0.04A[±]</p>	<p>79-LA <i>Frederick Bickerton</i></p> <p>79-LA T.B.A. = 0.47A[±]</p>	<p>80-LA <i>James Edwards</i></p> <p>80-LA T.B.A. = 0.69A[±]</p>
<p>81-LA <i>Robert W. Poole</i></p> <p>81-LA T.B.A. = 0.41A[±]</p>	<p>82-LA <i>Annie Riestine</i></p> <p>82-LA T.B.A. = 0.06A[±]</p>	<p>78 <i>Ronald H. Woomer</i></p> <p>78 T.B.A. = 0.03A[±]</p>		

COMPLETION DATE: 2-20-62

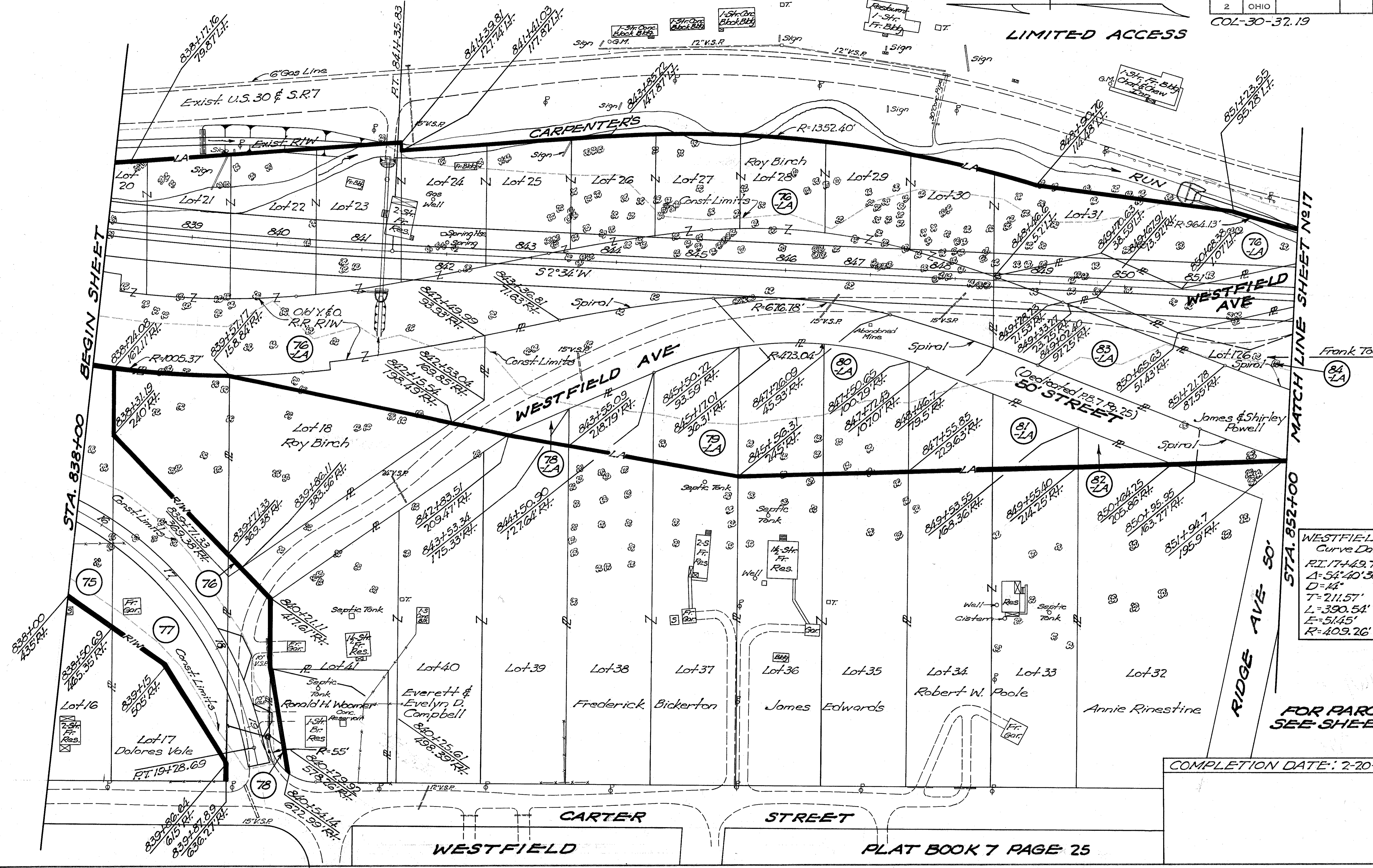
LIVERPOOL TOWNSHIP - SEC 33 - T6N RIW

FED. RD. DIVISION	STATE	PROJECT
2	OHIO	

COL-30-32.19

16
20

LIMITED ACCESS



WESTFIELD AVE
Curve Data

PI: 17+49.72
Δ: 54°40'30" RT.
D: 14'
T: 211.57'
L: 390.54'
E: 51.45'
R: 409.26'

FOR PARCELS
SEE SHEET 15

COMPLETION DATE: 2-20-62

WESTFIELD

CARTER STREET

PLAT BOOK 7 PAGE 25

STA. 838+00 to STA. 852+00 RIGHT-OF-WAY PLAN

LIVERPOOL TOWNSHIP - SEC 33 - T6N - R1W

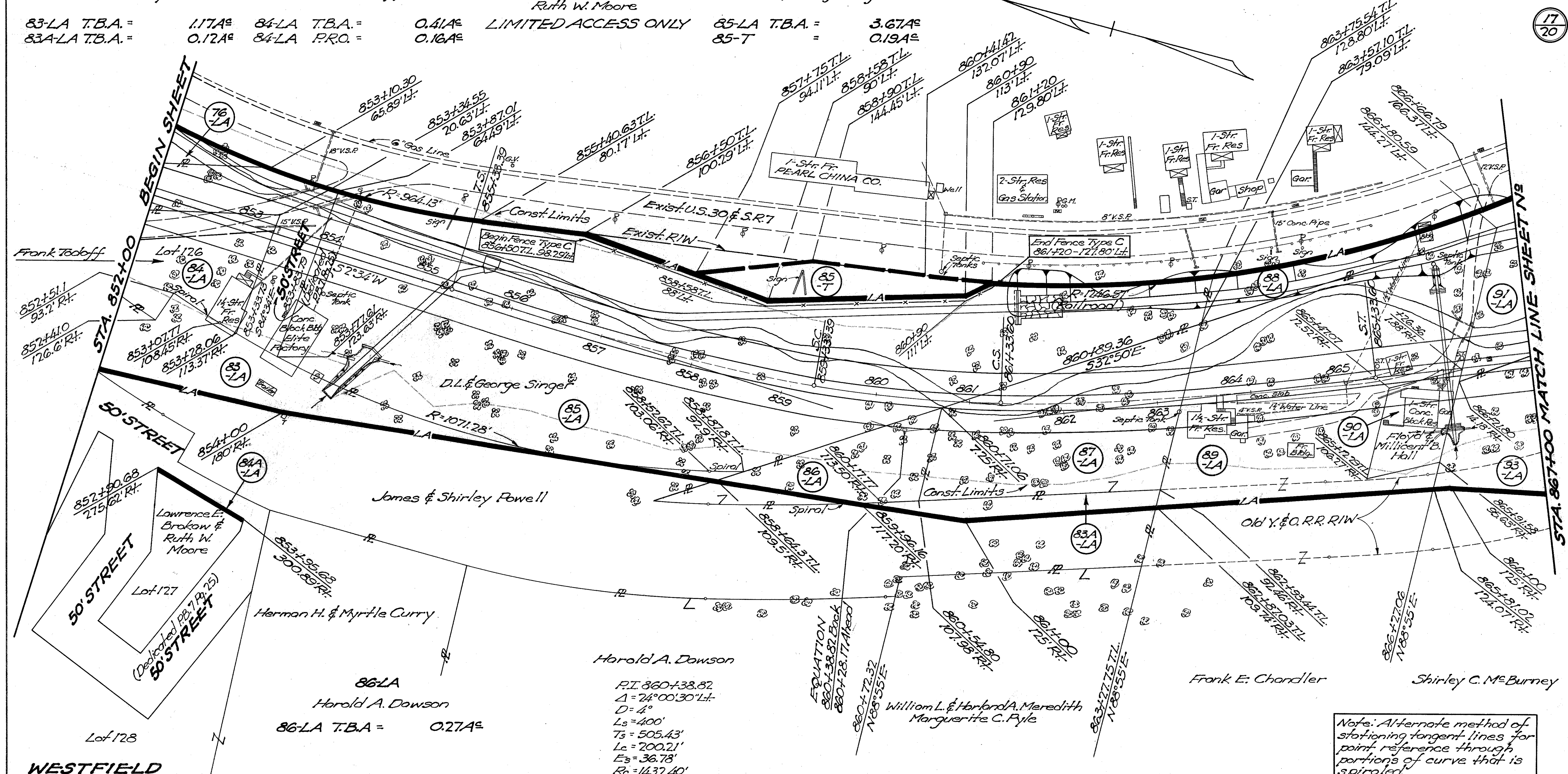
FED. RD. DIVISION	STATE	PROJECT
2	OHIO	

COL-30-32.19

17
20

83-LA-83A-LA James & Shirley Powell	84-LA Frank Todoff	84A-LA Lawrence E. Brakow Ruth W. Moore	85-LA-85T D.L. & George Singer
83-LA T.B.A. = 1.17A [±]	84-LA T.B.A. = 0.41A [±]	LIMITED ACCESS ONLY	85-LA T.B.A. = 3.67A [±]
83A-LA T.B.A. = 0.12A [±]	84-LA P.R.O. = 0.16A [±]		85-T = 0.19A [±]

LIMITED ACCESS



WESTFIELD
PLAT BOOK 7 PAGE 25

86-LA
Harold A. Dawson
86-LA T.B.A. = 0.27A[±]

Harold A. Dawson
P.I. 860+38.82
Δ = 74° 00' 30" Lt.
D = 4'
Ls = 400'
Ts = 505.43'
Lc = 200.21'
Es = 36.78'
Rc = 1432.40'

87-LA William L. & Harland A. Meredith Marguerite C. Pyle 87-LA T.B.A. = 0.81A [±]	88-LA Harry H. Hill & Mary H. Foulk 88-LA T.B.A. = 0.27A [±]	89-LA Frank E. Chandler 89-LA T.B.A. = 1.42A [±]	90-LA Floyd & Millicent B. Hall 90-LA T.B.A. = 0.16A [±]
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Note: Alternate method of stationing tangent lines for point reference through portions of curve that is spiraled.

COMPLETION DATE: 2-20-62

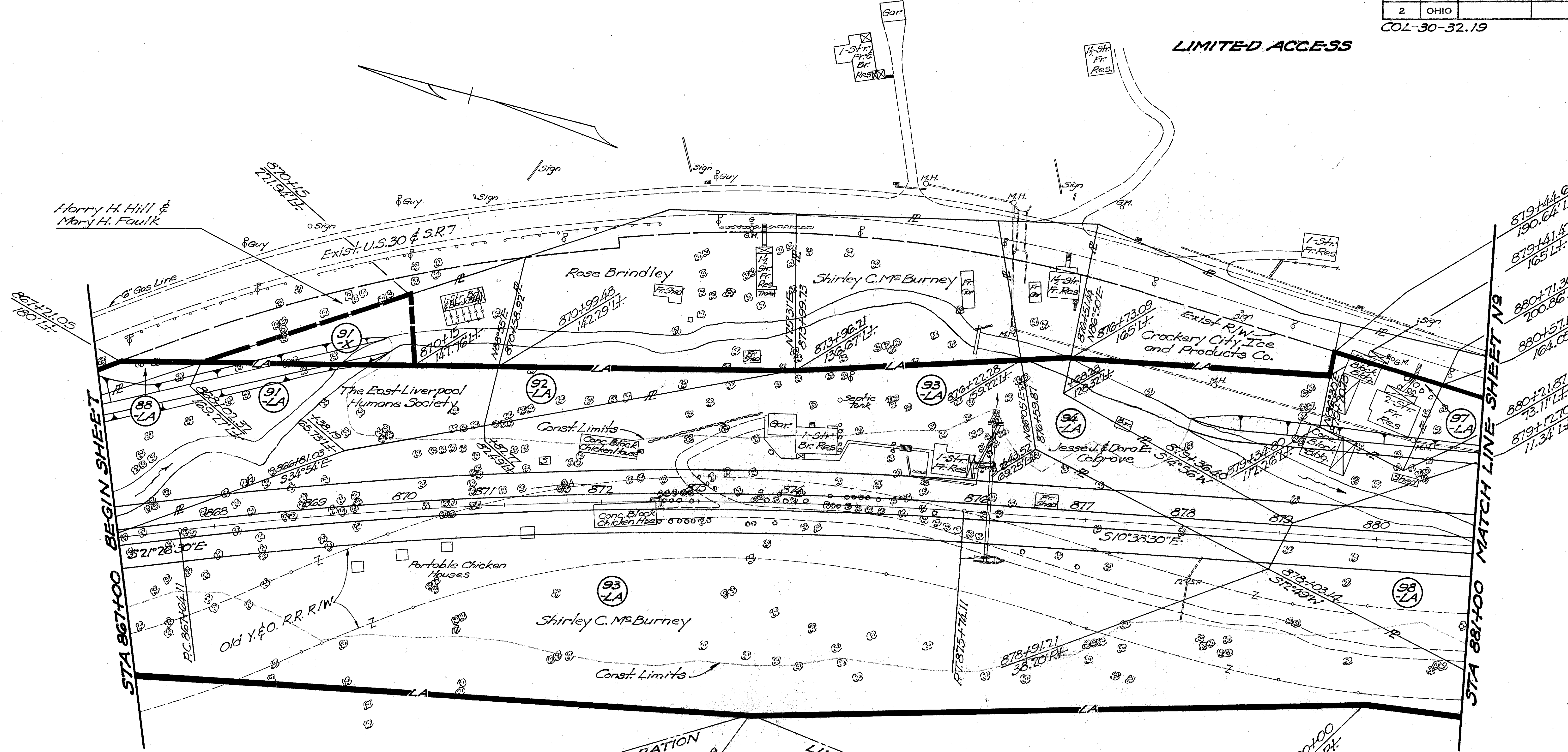
LIVERPOOL TOWNSHIP - SEC 33 - T6N - R1W

FED. RD. DIVISION	STATE	PROJECT
2	OHIO	

COL-30-32.19

LIMITED ACCESS

13
20



91-LA-91-X

The East Liverpool Humane Society

91-LA T.B.A. = 1.14A[±]
91-X T.B.A. = 0.19A[±]

92-LA

Rose Brindley

92-LA T.B.A. = 0.22A[±]

93-LA

Shirley C. McBurney

93-LA T.B.A. = 8.24A[±]

94-LA

Jesse J. & Dora E. Colgrove

94-LA T.B.A. = 0.43A[±]

97-LA

Samuel J. & Anna M. Watters

97-LA T.B.A. = 0.21A[±]

98-LA

Crockery City Ice and Products Co.

98-LA T.B.A. = 5.04A[±]
98-LA P.R.O. = 0.60A[±]

R.I. 871+70.31
Δ = 10°48' Rt.
D = 1"20'
T = 406.20'
L = 810.00'
E = 19.16'
R = 4297.18'

COMPLETION DATE: 2-20-62

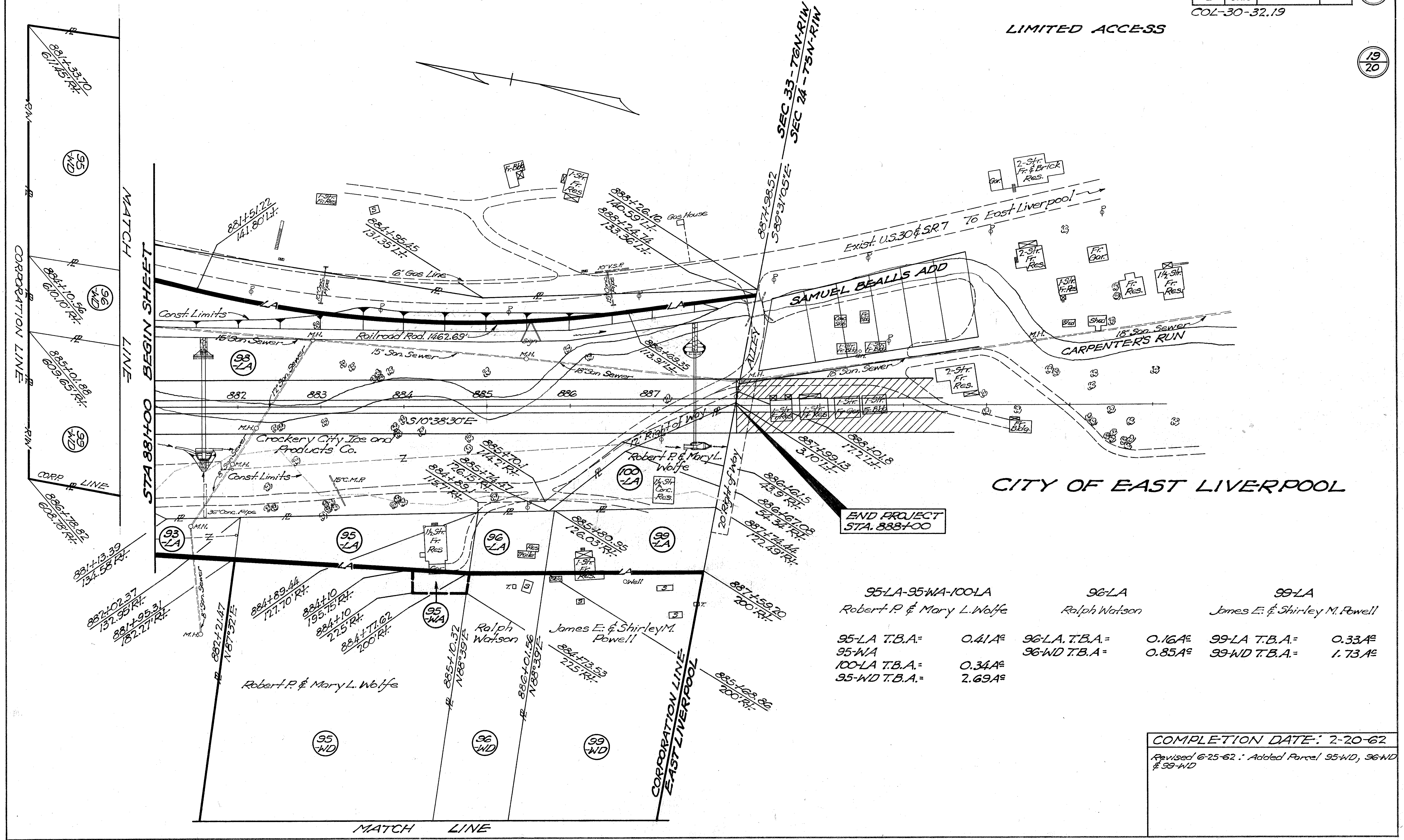
LIVERPOOL TOWNSHIP - SEC 33 - T6N - R1W

FED. RD. DIVISION	STATE	PROJECT
2	OHIO	

COL-30-32.19

19
20

LIMITED ACCESS



END PROJECT
STA. 888+00

95-LA-95-WA-100-LA Robert P & Mary L. Wolfe	96-LA Rolph Watson	99-LA James E. & Shirley M. Powell
95-LA T.B.A. = 0.41A ^e	96-LA T.B.A. = 0.16A ^e	99-LA T.B.A. = 0.33A ^e
95-WA = 0.34A ^e	96-WD T.B.A. = 0.85A ^e	99-WD T.B.A. = 1.73A ^e
100-LA T.B.A. = 0.34A ^e		
95-WD T.B.A. = 2.69A ^e		

COMPLETION DATE: 2-20-62
Revised 6-25-62: Added Parcel 95-WD, 96-WD & 99-WD

STA. 881+00 to STA. 888+00 RIGHT-OF-WAY PLAN

GENERAL NOTES

Cal. By	Date
DAE.	8-12-81
Ckd. By	Date
R.E.M.	8-14-81

FHWA REGION	STATE	PROJECT
5	OHIO	

6

COL-30-32.19

MEDIAN INLET DRAINAGE:

Information pertaining to existing drainage structures and pipes shown on the plans has been obtained by diligent field checks and searches of available records.

It is believed to be essentially correct but if discrepancies arise, the intent of the plan is as follows.

(1) Flow in all operating pipes and underdrains must be maintained.

(2) No undesignated pipe or underdrain shall be plugged unless it is determined to the satisfaction of the Engineer, that the line in question can be safely abandoned.

Several of the median drainage details cover multiple locations. These details have been consolidated due to general similarities and show general methods of treatment intended such as Standard Construction Drawing I-3A & I-3C, rather than precise details at each individual location.

Any operating pipes encountered in the median which are not shown on the plans shall be connected to the system.

Adjustment shall be made as directed by the Engineer for any discrepancies due to variations in pipe size or arrangement or structural deviations.

The above connections and adjustments shall be performed in a manner acceptable to the Engineer using an appropriate plan pay item. Additional quantities thus required shall be measured and paid for at the Unit Price Bid for the appropriate item.

ITEM 606 GUARDRAIL, TYPE 5, AS PER PLAN:

This work shall consist of constructing the Type 5 guardrail as per Standard Construction Drawing GE-2B and shall include boring thru the 40A berm treatment a depth of 6" at each post location.

Payment for the above described work shall be included in the unit price bid for Item 606 Guardrail, Type 5, as per plan.

MAINTAINING TRAFFIC:

Traffic shall be maintained in each direction at all times, the length of restricted traffic zones shall be kept to a minimum and in all cases, subject to the approval of the Engineer.

At least one lane of traffic shall be maintained in each direction through the temporary cross-overs, phase 1 & 2, as shown on sheet Nos 8, 10.

The work on Bridge No COL-30-3269 will require the removal of the existing concrete median and barrier guardrail from STA. 823+00 thru STA. 831+00, excluding the approach slabs and bridge limits. The contractor's attention is directed to four (4) existing median inlets, located at STA. 824+00, 826+00, 828+50 and 829+50. Caution will be exercised in removal of the inlets, temporarily plug the outlet pipes and reference the locations for the proposed median inlets, payment for the removal items are included in the plans for the pertinent items.

After the work is completed on the bridge and approach slabs and the cross-overs removed, a portion of the temporary concrete barrier used for traffic control shall be used where the existing median was removed (see stations above) until such time as progress of the project requires removal and construction of the proposed concrete median barrier. The temporary connecting of the existing barrier guardrail to the temporary concrete median barrier will be done as directed by the Engineer.

Traffic control for Bridge No COL-30-3500 east bound lanes and Bridge No COL-7-0626L (Ramp D) is as shown on sheet No 21.5. Traffic control Ramp A & C, the west bound lanes of Bridge No COL-30-3500 and the cross overs for Bridge No COL-30-3269 are in phases. When flows are changed from one phase to the other phase, all signs and supports shall be removed and reset at locations shown on sheet Nos 9-10 & 12-14.

In addition to the requirements of the Ohio Manual of Uniform Traffic Control Devices, the contractor shall erect all signs accordance with requirements shown on sheet Nos 7-14 for directing traffic.

Signs shall be erected 6 feet from the edge of the traveled lane at a minimum height of 5 feet above the edge of the traveled lane. Signs on sheet Nos 14 shall be supported by using portable supports. All signs and supports will be furnished and erected by the contractor, any replacements needed will also be furnished and erected by the contractor. All signs and supports not listed in the plans, shall be supported by methods as approved by the Engineer.

MAINTAINING TRAFFIC - CONT.

The traffic control shown in the plans are considered minimum treatment and additional treatment may be required by the Engineer. If traffic experience indicates the need for additional warning signals, lights and signs, they shall be provided consistent with requirements of Item 614 Maintaining Traffic.

The payment for providing all traffic control including the furnishing, erecting, maintaining, removing, re-setting of lights, signs and supports and final removal of all signs, shall be included in the Lump Sum bid for Item 614 Maintaining Traffic. No additional payment will be made for re-erection of signs lost due to vandalism or accidents.

An estimated quantity of 404 Asphalt Concrete, for Maintaining Traffic, has been included for use on the shoulder areas located at the following bridges -- COL-30-3269, COL-30-3500 and COL-7-0626L (Ramp D). ITEM 404 Bituminous Concrete, for Maintaining Traffic 60 Cu. Yds. (Rural = 20 Cu. Yds. & Municipal 40 Cu. Yds.)

IMPACT ATTENUATOR ASSEMBLY:

The contractor shall furnish and install an Impact Attenuator Device ahead of Mainline Sta. 947+32 Rt. The attenuation device shall be designed for the Sand Barrel System. For details see sheet No 32 and note in the proposal.

The basis of payment shall be at the contract price for:

ITEM	QUANTITY	UNIT	DESCRIPTION
Special	1	Each	Impact Attenuator Assembly, Sand Barrel System

INLET, STANDARD No. I-3A, AS PER PLAN

These inlets are to be constructed in areas where Concrete Barrier, Type A, Modified As Per Plan is being used. The Standard No. I-3A Inlet shall be modified by increasing the base of the concrete barrier from a 3' width to a 6' width. The cost of the additional width of the base thru the length of the inlet shall be included in the unit price bid for Item 604 Inlet, Standard No. I-3A, As Per Plan.

COOPERATION:

The Contractor is hereby advised that Project Col-30-2891 adjacent to this project may be constructed concurrently with this project. The Contractor on this project shall schedule his work and cooperate with the Contractor on the adjacent project in the area of overlapping work so that unnecessary delays, interference and inconvenience shall be held to an absolute minimum.

Any cost incurred in complying with the above requirements shall be included in the various bid items for this project and no additional compensation will be allowed.

UNDERGROUND UTILITIES

The locations of the underground utilities shown on the plans are as obtained from the owners of the utility as required by Section 153.64 O.R.C.

RE-ESTABLISHMENT OF EXISTING CONTROL MONUMENTS:

The Right of Way control monuments, location on or near the centerline of S.E. 30 and identified on the following centerline survey plats as recorded in the plat book records of Columbiana County:

COL-30-31.46 (Const. Plan 32.19) Vol 5 Page 39
COL-30-33.86 Vol 5 Page 99

RIGHT OF WAY CONTROL MONUMENT

At the Stations shown on this table, shall be preserved in the following manner:

The Contractor shall establish appropriate survey control at locations that will remain undisturbed during construction of this project. Survey control shall be set prior to any work on the existing median.

Upon completion of all other plan work, the Survey control shall be used to set the Reference Monuments.

The setting of monuments shall be performed under the direct supervision of a Registered Professional Surveyor.

All monuments which are set, which differ from those listed on the table, shall be recorded by filing an affidavit with the District Deputy Director, O.D.O.T., District II, New Philadelphia, Ohio. Listing the changes.

All monuments shall be set at the Off-sets shown on this table perpendicular to the lines shown on the centerline survey plats of the original construction plans. Copies of the centerline survey plats listed above may be obtained from the Columbiana County courthouse Lisbon, Ohio or the Ohio Department of Transportation, District II, New Philadelphia, Ohio. 44663

Station	Each	Off-Set	
		Left	Right
ST 801+47.37	2	44	46
POT 805+00	2	44	65
POT 810+00	2	62	60
POT 815+00	2	52	48
TS 819+00	2	45	48
SC 823+00	2	44	44
CS 826+12.50	2	44	44
ST 830+12.50	2	44	44
PC 833+82.50	2	44	44
POC 837+50.00	2	44	44
PT 841+35.83	2	44	44
POT 846+00	2	44	44
POT 851+00	2	44	44
TS 855+33.39	2	44	44
SC 859+33.39	2	44	44
CS 861+33.60	2	44	44
ST 865+33.60	2	44	44
PC 867+64.11	2	44	44
POC 873+00	2	44	44
PT 875+74.11	2	44	44
POT 882+00	2	44	44
POT 887+98.52	2	46	44
TS 899+11.04	2	48	44
POT 907+67.62	1	65.15	-
POT 912+87.78	1	64.06	-
POT 923+90.50	1	66.88	-
POT 928+78.67	1	89.48	-
POT 945+92.24	2	61	58
POT 952+46.90	2	66	46
TOTAL	54		

The following Quantities have been carried to the General Summary for the work described above:
Item 604 Reference Monuments, Standard 54 Each
(Rural = 44 Monuments & Municipal = 10 Monuments)

LOCATION PLAN COL-30-31.46 1961

Sec. 31.46 Shall be construed
to be 32.19

R/W PLAN COL-30-32.19
LIMITED ACCESS HIGHWAY

Note: For acquisition of property which falls within the spiraled portion of horizontal curves, the alternate method of stationing tangent lines for point reference was used.

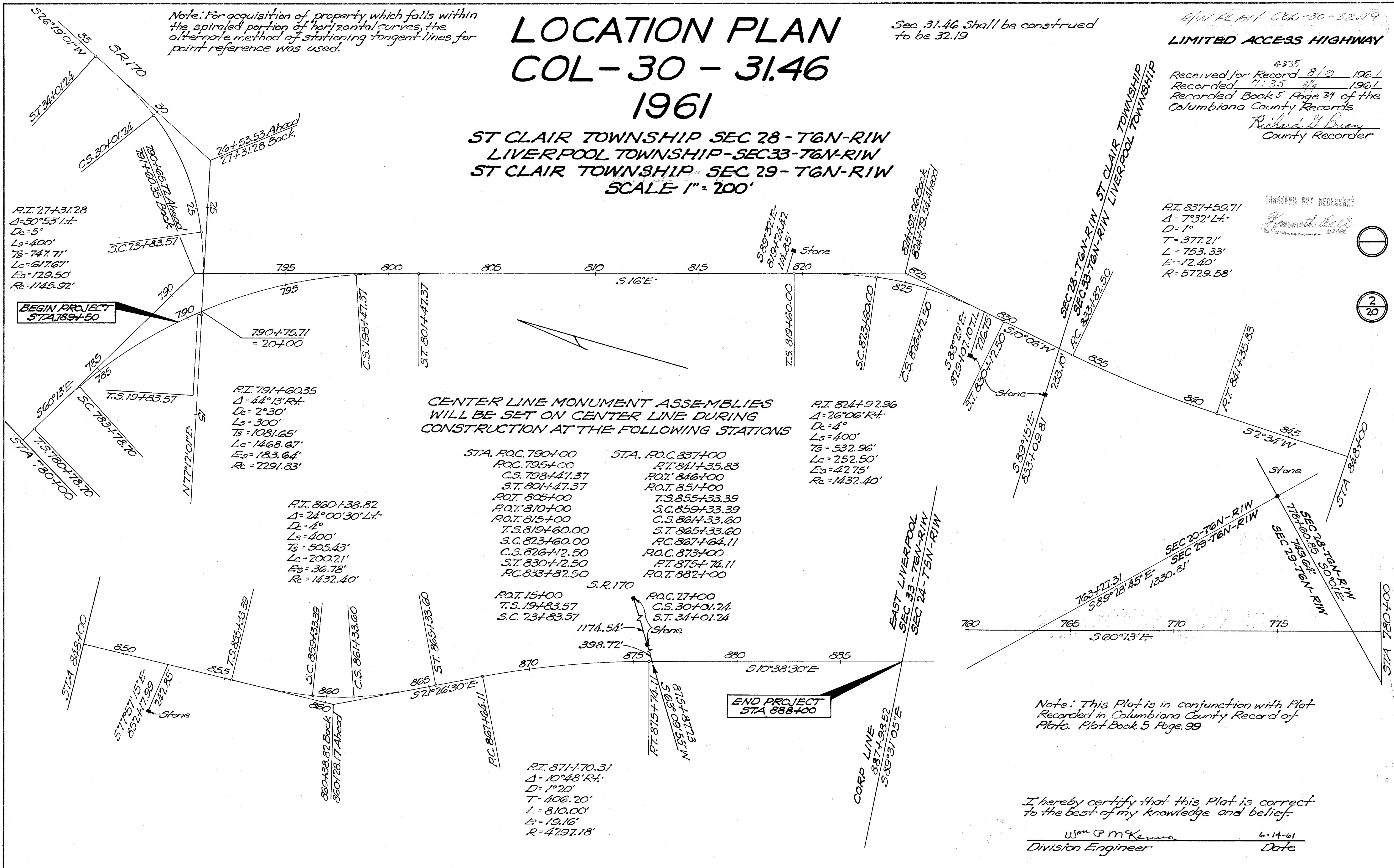
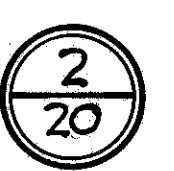
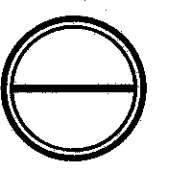
4335
Received for Record 8/9 1961
Recorded 7:35 8/9 1961
Recorded Book 5 Page 39 of the
Columbiana County Records
Richard G. Bryan
County Recorder

ST CLAIR TOWNSHIP SEC 28-T6N-R1W
LIVERPOOL TOWNSHIP-SEC 33-T6N-R1W
ST CLAIR TOWNSHIP SEC 29-T6N-R1W
SCALE 1" = 200'

P.I. 837+59.71
Δ = 7°32' L+
D = 1°
T = 377.21'
L = 753.33'
E = 12.40'
R = 5729.58'

TRANSFER NOT NECESSARY

Kenneth Bell
Surveyor



CENTER LINE MONUMENT ASSEMBLIES
WILL BE SET ON CENTER LINE DURING
CONSTRUCTION AT THE FOLLOWING STATIONS

- | | |
|--------------------|--------------------|
| STA. P.O.C. 790+00 | STA. P.O.C. 837+00 |
| P.O.C. 795+00 | P.T. 841+35.83 |
| C.S. 798+47.37 | P.O.T. 846+00 |
| S.T. 801+47.37 | P.O.T. 851+00 |
| P.O.T. 805+00 | T.S. 855+33.39 |
| P.O.T. 810+00 | S.C. 859+33.39 |
| P.O.T. 815+00 | C.S. 861+33.60 |
| T.S. 819+60.00 | S.T. 865+33.60 |
| S.C. 823+60.00 | P.C. 867+64.11 |
| C.S. 826+12.50 | P.O.C. 873+00 |
| S.T. 830+12.50 | P.T. 875+74.11 |
| P.C. 833+82.50 | P.O.T. 882+00 |

- | | |
|---------------|---------------|
| S.R. 170 | P.O.C. 27+00 |
| P.O.T. 15+00 | C.S. 30+01.24 |
| T.S. 19+83.57 | S.T. 34+01.24 |
| S.C. 23+83.57 | |

- | | |
|---------------|---------------|
| P.O.T. 15+00 | P.O.C. 27+00 |
| T.S. 19+83.57 | C.S. 30+01.24 |
| S.C. 23+83.57 | S.T. 34+01.24 |

- | | |
|---------------|---------------|
| P.O.T. 15+00 | P.O.C. 27+00 |
| T.S. 19+83.57 | C.S. 30+01.24 |
| S.C. 23+83.57 | S.T. 34+01.24 |

P.I. 871+70.31
Δ = 10°48' R+
D = 1°20'
T = 406.20'
L = 810.00'
E = 19.16'
R = 4297.18'

END PROJECT
STA 888+00

Note: This Plat is in conjunction with Plat
Recorded in Columbiana County Record of
Plats. Plat Book 5 Page 99

I hereby certify that this Plat is correct
to the best of my knowledge and belief.

Wm G McKenna
Division Engineer
6-14-61
Date