

STATE OF OHIO DEPARTMENT OF TRANSPORTATION

LOG-33-19.51 LOG-CR10-3.61 JEFFERSON TOWNSHIP LOGAN COUNTY

CALC. BY _____	LOG-33-19.51		OHIO
DATE _____			FHWA
CHKD. BY _____	LOG-CR10-3.61		REGION 5
DATE _____			
P.I.D. NUMBER	4678	STATE PROJECT	07828(0)

R/W ONLY _____ LOG 33 19.51
LOG CR10 3.61
P.I.D. NO. 4678 | S.J.N. 07828(0)

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 in accordance with the provisions of Section 5511.02 of the Revised Code of Ohio.

ACQUIRING AGENCY: STATE OF OHIO

1993 SPECIFICATIONS

The standard specifications of the State of Ohio, Department of Transportation, including changes and supplemental specifications listed in the proposal shall govern this improvement.

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 the plans and estimates.

PROJECT DESCRIPTION

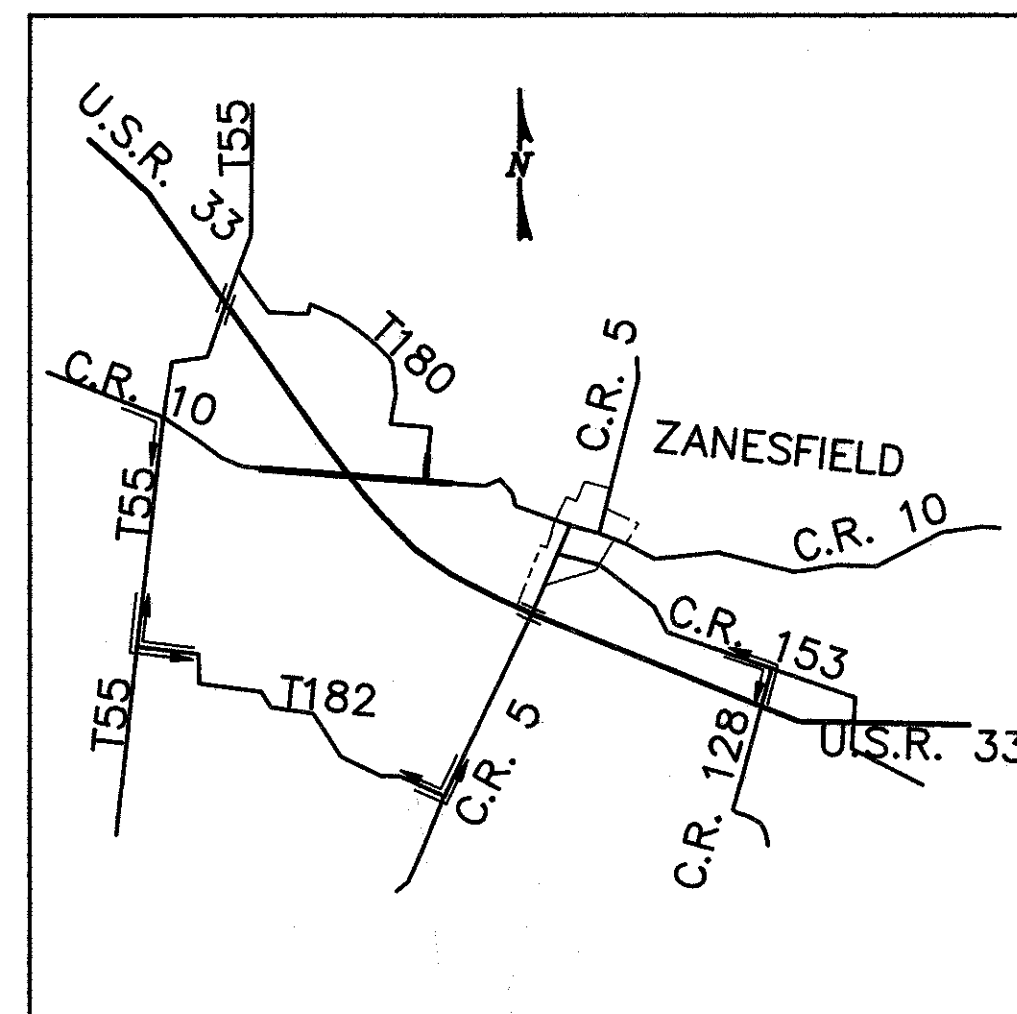
Construct a diamond type interchange with U.S.R. 33 under County Road 10. Re-align 0.52 miles of County Road 10.

CONVENTIONAL SIGNS

County Line _____	Limited Access (only) _____ LA _____
Township Line _____	Right of Way (only) _____ RW _____
Section Line _____	Limited Access & Right of Way _____ LA&RW _____
Corporation Line _____ or _____	Existing Right of Way _____
Fence Line (existing) * * * * * (proposed) * * * * *	Property Line _____ (in existing fence) * * * * *
Center Line _____ 352 _____ 353 _____	Railroad _____ or _____
Trees Stumps , (to be removed)	Guardrail (existing) o-o-o (proposed) o-o-o
Utility Poles: Telephone ϕ , Power ϕ , Light ϕ	Work Limits _____

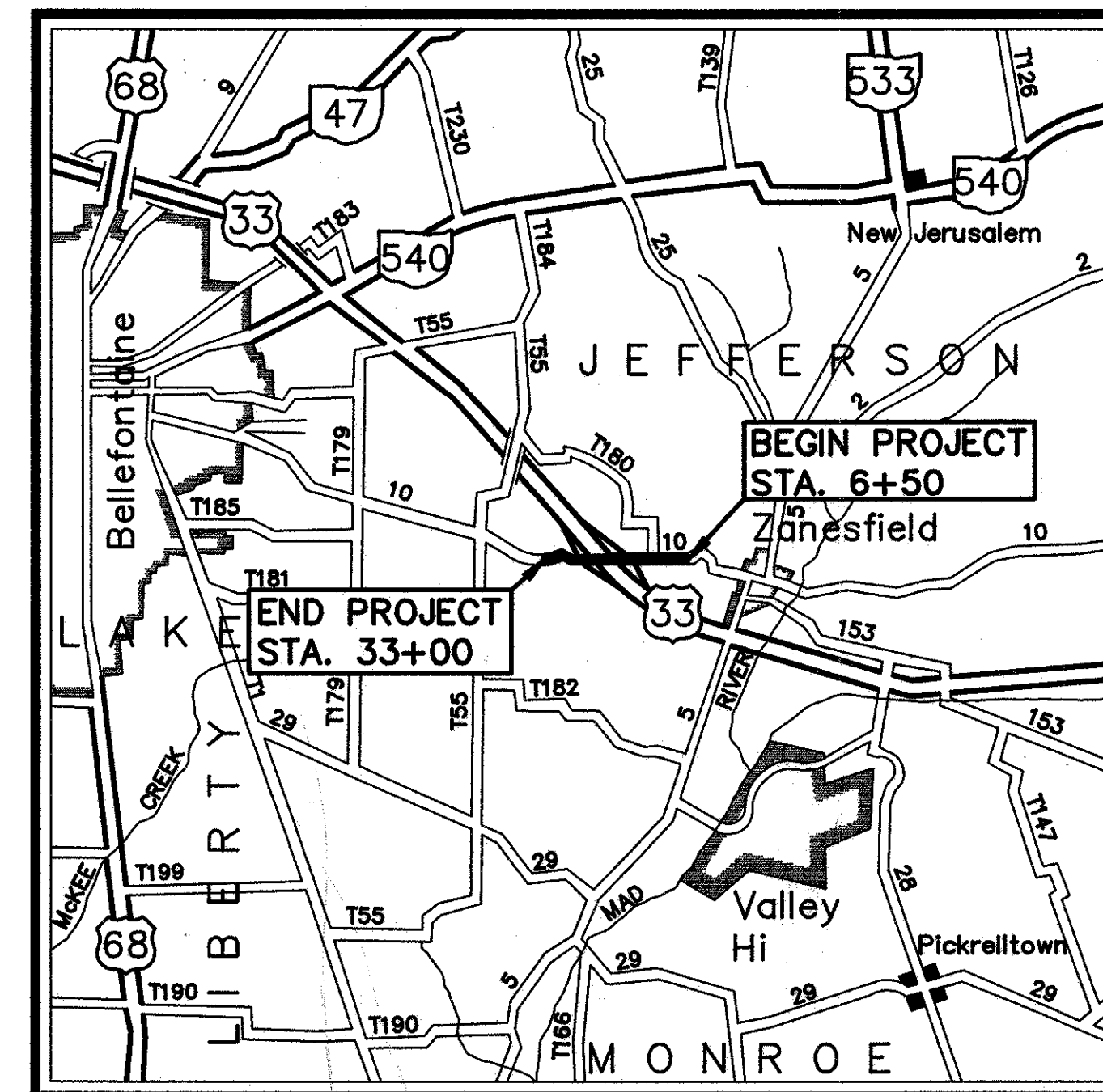
INDEX OF SHEETS

Title Sheet _____	_____
Centerline Survey Plat _____	1-2
Property Map _____	3
Summary Of Additional Right-Of-Way _____	4
Detail Plan Sheets (U.S.R. 33) _____	5-7
Detail Plan Sheets (Co. Rd. 10) _____	8-10



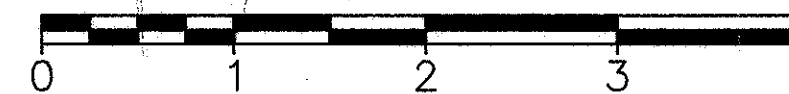
DETOUR MAP

FOR DETAILS SEE
CONSTRUCTION PLAN SHEET 14



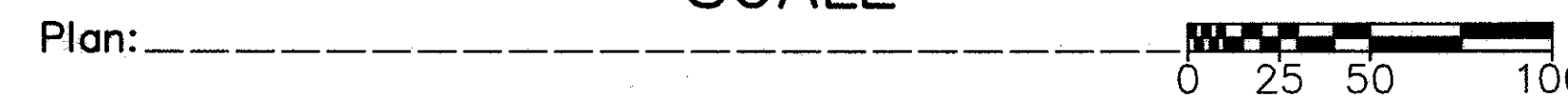
LOCATION MAP

SCALE IN MILES



Portion to be Improved _____	
State & Federal Routes _____	
Other Roads _____	

SCALE



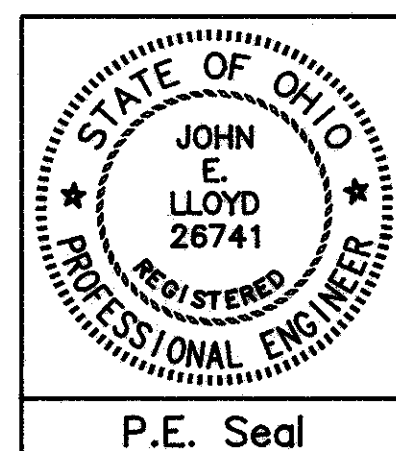
RIGHT-OF-WAY PLAN

Approved _____
Date _____ Assistant Deputy Director, Real Estate Administration

Approved _____
Date _____ Director, Department of Transportation

LOG-33-19.51
LOG-CR10-3.61

Plan Prepared By:
JONES-STUCKEY, LTD., INC.
1641 WEST FIFTH AVENUE
COLUMBUS, OHIO 43212



P.E. - 26741

P.E. Seal

UNDERGROUND UTILITIES

TWO WORKING DAYS
BEFORE YOU DIG
Call... 800-362-2764 (Toll Free)
OHIO UTILITIES PROTECTION SERVICE
NON-MEMBERS
MUST BE CALLED DIRECTLY

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED:

DIVISION ADMINISTRATOR _____ DATE _____

FILE NO. _____	Date of Letting _____ 19 _____
	Contract No. _____

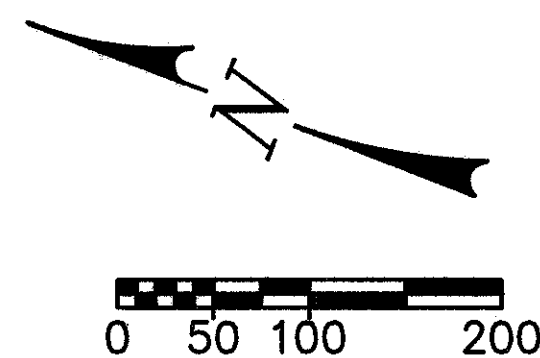
CENTERLINE SURVEY PLAT

Sheet 1 of 2

LOG-33-19.51 LOG-CR10-3.61	OHIO 138 147
STATE PROJECT 4678	07828(0)
DATE 6-14-93 BY EPC CHKD. JP DATE 6-15-93	1 10

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 in accordance with the provisions of Section 5511.02 of the Revised Code of Ohio.



LOG-33-19.51
LOG-CR10-3.61
JEFFERSON TOWNSHIP
LOGAN COUNTY

CURVE DATA RAMP B

P.I. STA. 1060+32.65	Ls = 150.00'
Δ = 22°00'00" LT.	Os = 4°30'00"
Δc = 13°00'00" LT.	p = 0.98'
Dc = 6°00'00"	k = 74.98'
R = 954.93'	L.T. = 100.03'
T = 108.80'	S.T. = 50.03'
Lc = 216.67'	L.C. = 149.96'
E = 6.18'	Xc = 149.91'
	Yc = 3.93'
	Ts = 260.79'
	Es = 18.88'

RIGHT-OF-WAY LIMITED ACCESS

CURVE DATA RAMP B

P.I. STA. 1068+49.76	Ls = 150.00'
Δ = 7°45'00" LT.	Os = 4°30'00"
Dc = 2°00'00"	p = 0.68'
R = 2864.79'	k = 124.99'
T = 194.05'	L.T. = 166.68'
Lc = 387.50'	S.T. = 83.34'
E = 6.56'	L.C. = 249.99'
	Xc = 249.97'
	Yc = 2.73'
	Ts = 473.50'
	Es = 16.53'

CURVE DATA RAMP D

P.I. STA. 1048+12.52	Ls = 200.00'
Δ = 25°30'00"	Os = 8°00'00"
Δc = 9°30'00"	p = 2.33'
Dc = 8°00'00"	k = 99.93'
R = 716.20'	L.T. = 133.47'
T = 59.51'	S.T. = 66.79'
Lc = 118.75'	L.C. = 199.83'
E = 2.47'	Xc = 199.61'
	Yc = 9.30'
	Ts = 262.52'
	Es = 20.50'

CURVE DATA RAMP D

P.I. STA. 1054+80.17	Ls = 150.00'
Δ = 42°07'23"	Os = 9°00'00"
Δc = 33°07'23"	p = 1.96'
Dc = 12°00'00"	k = 74.94'
R = 477.46'	L.T. = 100.13'
T = 141.99'	S.T. = 50.12'
Lc = 276.03'	L.C. = 149.84'
E = 20.67'	Xc = 149.63'
	Yc = 7.84'

CURVE DATA EXISTING U.S.R. 33

P.I. STA. 1060+23.79	Ls = 250.00'
Δ = 10°25'27" LT.	Os = 1°52'30"
Δc = 6°40'27"	p = 0.68'
Dc = 1°30'00"	k = 124.99'
R = 3819.72'	L.T. = 166.68'
T = 222.72'	S.T. = 83.34'
Lc = 444.96'	L.C. = 249.99'
E = 6.49'	Xc = 249.97'
	Yc = 2.73'
	Ts = 473.50'
	Es = 16.53'

CURVE DATA CO. RD. 10

P.I. STA. 27+39.99	Ls = 150.00'
Δ = 4°39'31" RT.	Os = 3°00'00"
Dc = 1°30'00"	p = 0.65'
R = 3819.72'	k = 74.99'
T = 155.38'	L.T. = 100.01'
Lc = 310.58'	S.T. = 50.01'
E = 3.16'	L.C. = 149.98'
	Xc = 149.96'
	Yc = 2.62'

CURVE DATA RAMP C

P.I. STA. 1045+37.26	Ls = 150.00'
Δ = 29°00'00" RT.	Os = 3°00'00"
Δc = 26°00'00"	p = 0.65'
Dc = 4°00'00"	k = 74.99'
R = 1432.39'	L.T. = 100.01'
T = 330.69'	S.T. = 50.01'
Lc = 650.00'	L.C. = 149.98'
E = 37.68'	Xc = 149.96'
	Yc = 2.62'

CURVE DATA RAMP A

P.I. STA. 1050+41.29	Ls = 150.00'
Δ = 19°00'04" RT.	Os = 4°30'00"
Dc = 12°00'	p = 0.98'
R = 477.46'	k = 74.98'
T = 79.90'	L.T. = 100.03'
Lc = 158.34'	S.T. = 50.03'
E = 6.64'	L.C. = 171.32'
	Xc = 149.91'
	Yc = 3.93'
	Ts = 237.46'
	Es = 14.69'

CURVE DATA RAMP A

P.I. STA. 1054+63.37	Ls = 150.00'
Δ = 19°17'35" RT.	Os = 4°30'00"
Δc = 10°17'35" RT.	p = 0.98'
Dc = 6°00'00"	k = 74.98'
R = 954.93'	L.T. = 100.03'
T = 86.01'	S.T. = 50.03'
Lc = 171.55'	L.C. = 171.32'
E = 3.87'	Xc = 149.91'
	Yc = 3.93'
	Ts = 237.46'
	Es = 14.69'

INTERSECTION STATIONS
 STA. 20+00.00 COUNTY ROAD 10 =
 STA. 1057+11.28 RAMP D
 STA. 20+22.43 COUNTY ROAD 10 =
 STA. 1056+38.60 RAMP B

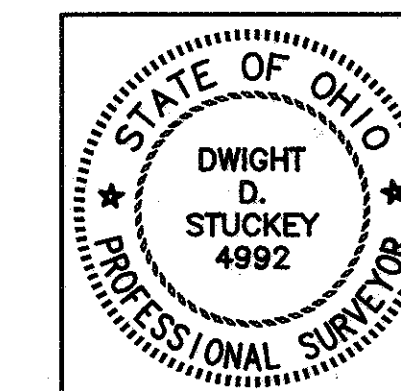
BASIS FOR BEARINGS

THE BEARINGS SHOWN IN THIS PLAN WERE BASED ON THE OHIO STATE PLANE COORDINATE SYSTEM, NORTH ZONE AND THE NORTH AMERICAN DATUM OF 1927, FROM U.S.C.&G.S. TRIANGULATION STATION "BEST" AND THE CITY OF BELLEFONTAINE STATION "LOVE".

I hereby certify that this Plat is a true delineation of a survey prepared for the Ohio Department of Transportation by Jones-Stuckey Ltd. Inc. in 1993.
 Dwight D. Stuckey Date 1-11-93
 Reg. Surveyor No. 4992

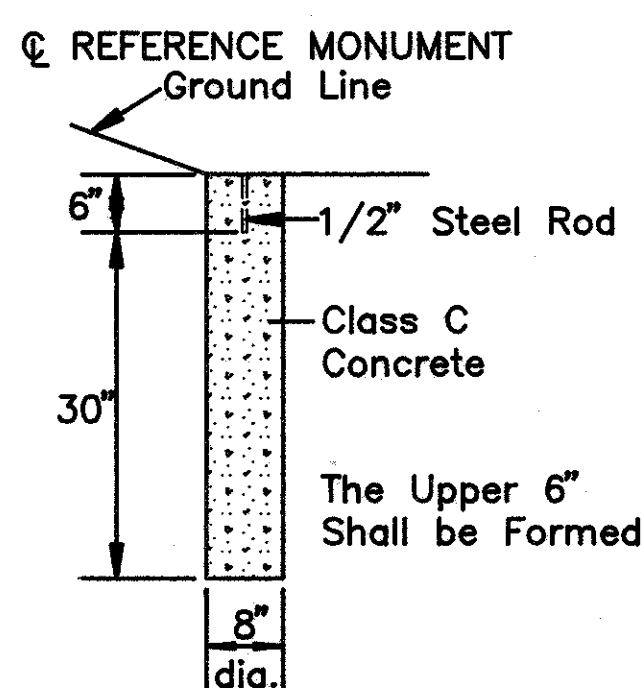
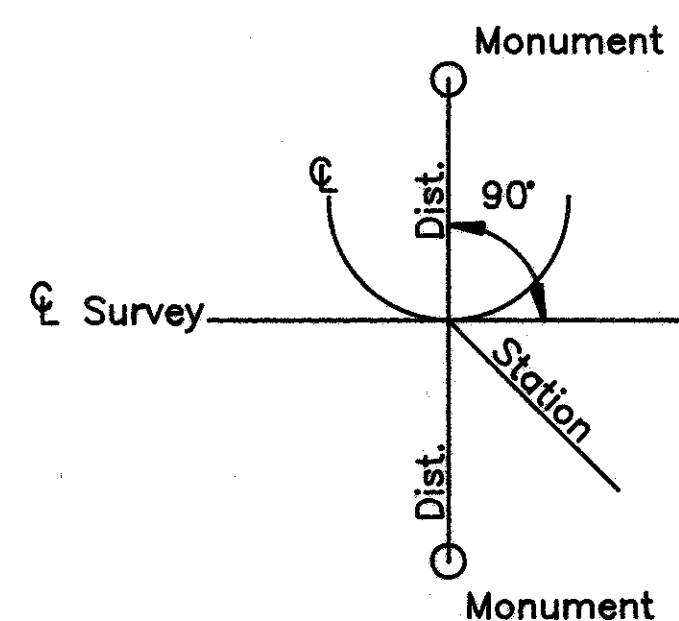
REFERENCE MONUMENTS

STATION	LOCATION	℄
COUNTY ROAD 10		
5+61.31	15' Lt & Rt	P.T.
6+24.79	20' Lt & Rt	P.C.
8+07.97	20' Lt & Rt	P.T.
12+00.00	20' Lt & Rt	P.O.T.
17+00.00	18' Lt & Rt	P.O.T.
21+90.00	18' Lt & Rt	P.O.T.
25+84.61	18' Lt & Rt	P.C.
28+95.20	26.5' Lt.	P.T.
34+00.00	25' Lt; 14' Rt	P.O.T.



Received August 21 19 96
 Recorded August 21 19 96
 Book 1 Page 27
 County Recorder

CENTERLINE MONUMENTS AND CENTERLINE REFERENCE MONUMENTS ARE SHOWN ON STANDARD CONSTRUCTION DRAWINGS MC-1 (REV. 6-13-69), OF THE OHIO DEPARTMENT OF TRANSPORTATION. THE PLACING OF THE MONUMENTS SHALL BE UNDER THE DIRECTION OF A REGISTERED SURVEYOR AND ARE TO BE SET, AS SHOWN, BY THE HIGHWAY CONTRACTOR AT THE TIME OF CONSTRUCTION. ANY ALTERATIONS, WITH PRIOR APPROVAL OF THE DEPARTMENT OF TRANSPORTATION, SHALL BE NOTED AND O.D.O.T. SHALL BE NOTIFIED OF THE NEW LOCATIONS.



CENTERLINE SURVEY PLAT

LOG-33-19.51
 LOG-CR10-3.61
 JEFFERSON TOWNSHIP
 LOGAN COUNTY

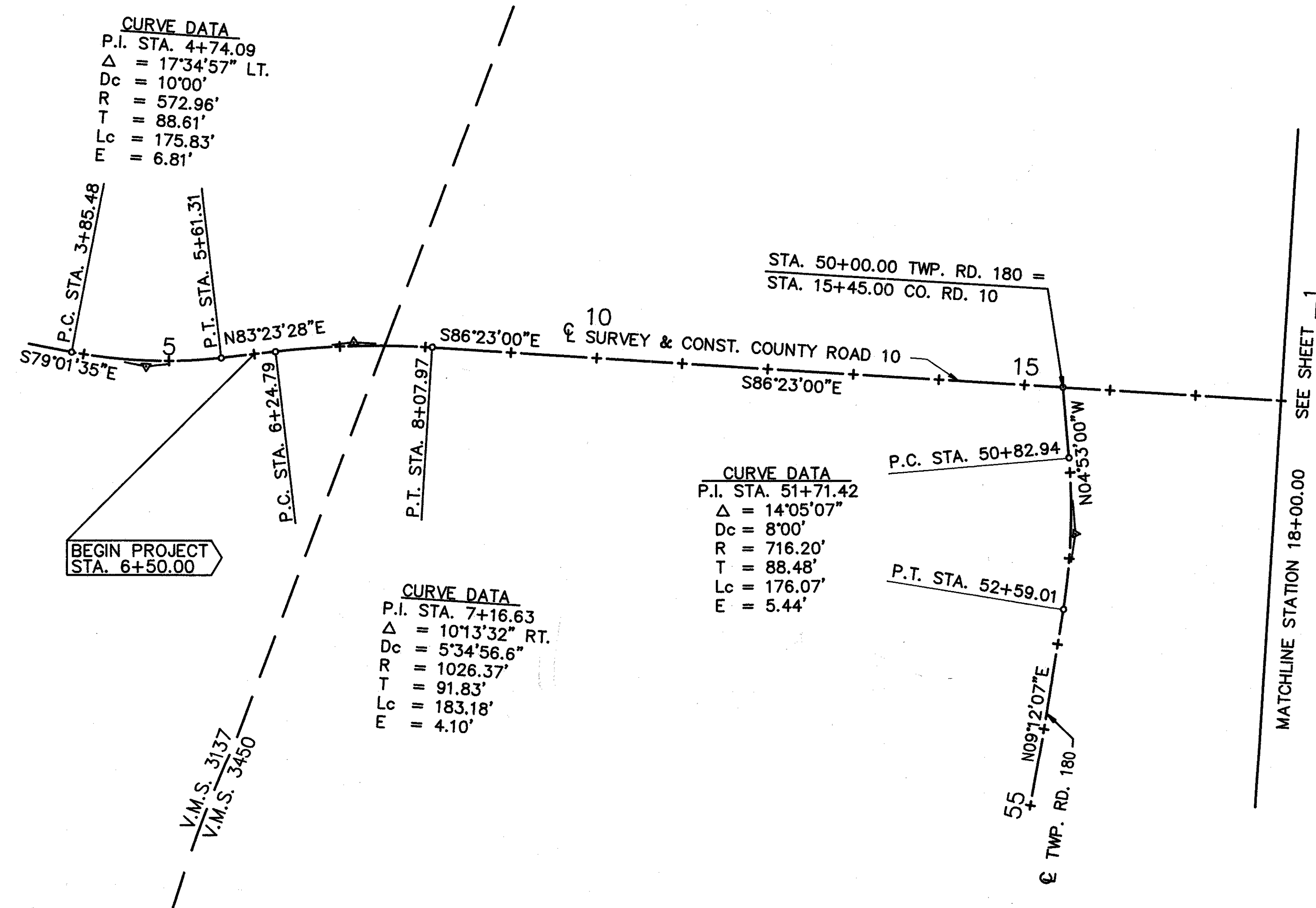
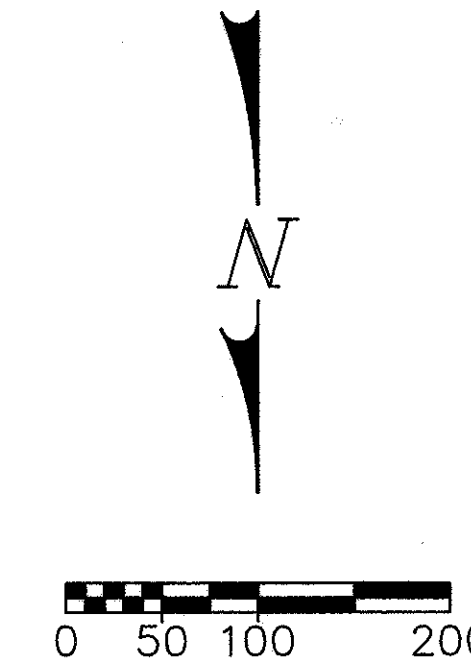
Sheet 2 of 2

CALC. BY EPC	LOG-33-19.51	OHIO	139
DATE 8-14-93	LOG-CR10-3.61	FHWA REGION 5	147
CHKD. BY JP			
DATE 8-15-93			
P.I.D. NUMBER 4678	STATE PROJECT	07828(0)	2
			10

LOG-33-19.51
 LOG-CR10-3.61

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 in accordance with the provisions of Section 5511.02 of the Revised Code of Ohio.

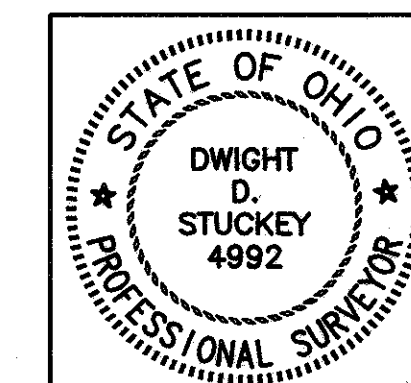


BASIS FOR BEARINGS

THE BEARINGS SHOWN IN THIS PLAN WERE BASED ON THE OHIO STATE PLANE COORDINATE SYSTEM, NORTH ZONE AND THE NORTH AMERICAN DATUM OF 1927, FROM U.S.C.&G.S. TRIANGULATION STATION "BEST" AND THE CITY OF BELLEFONTAINE STATION "LOVE".

I hereby certify that this Plat is a true delineation of a survey prepared for the Ohio Department of Transportation by Jones-Stuckey, Ltd. Inc. in 1993.

Dwight D. Stuckey Date 1-11-94
 Reg. Surveyor No. 4992



Received August 21 19 96
 Recorded August 21 19 96
 Book 1 Page 88
 County Recorder

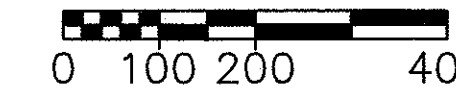
PROPERTY MAP

LOGAN COUNTY JEFFERSON TOWNSHIP
 V.M.S. 3220
 V.M.S. 6450
 V.M.S. 3137

CALC. BY: JP	LOG-33-19.51	OHIO	140
DATE: 8-08-93	LOG-CR10-3.61	FHWA REGION	5
CHKD. BY: JU			
DATE: 8-10-93			
P.I.D. NUMBER: 4678	STATE PROJECT	07828(0)	3
			10

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 in accordance with the provisions of Section 5511.02 of the Revised Code of Ohio.

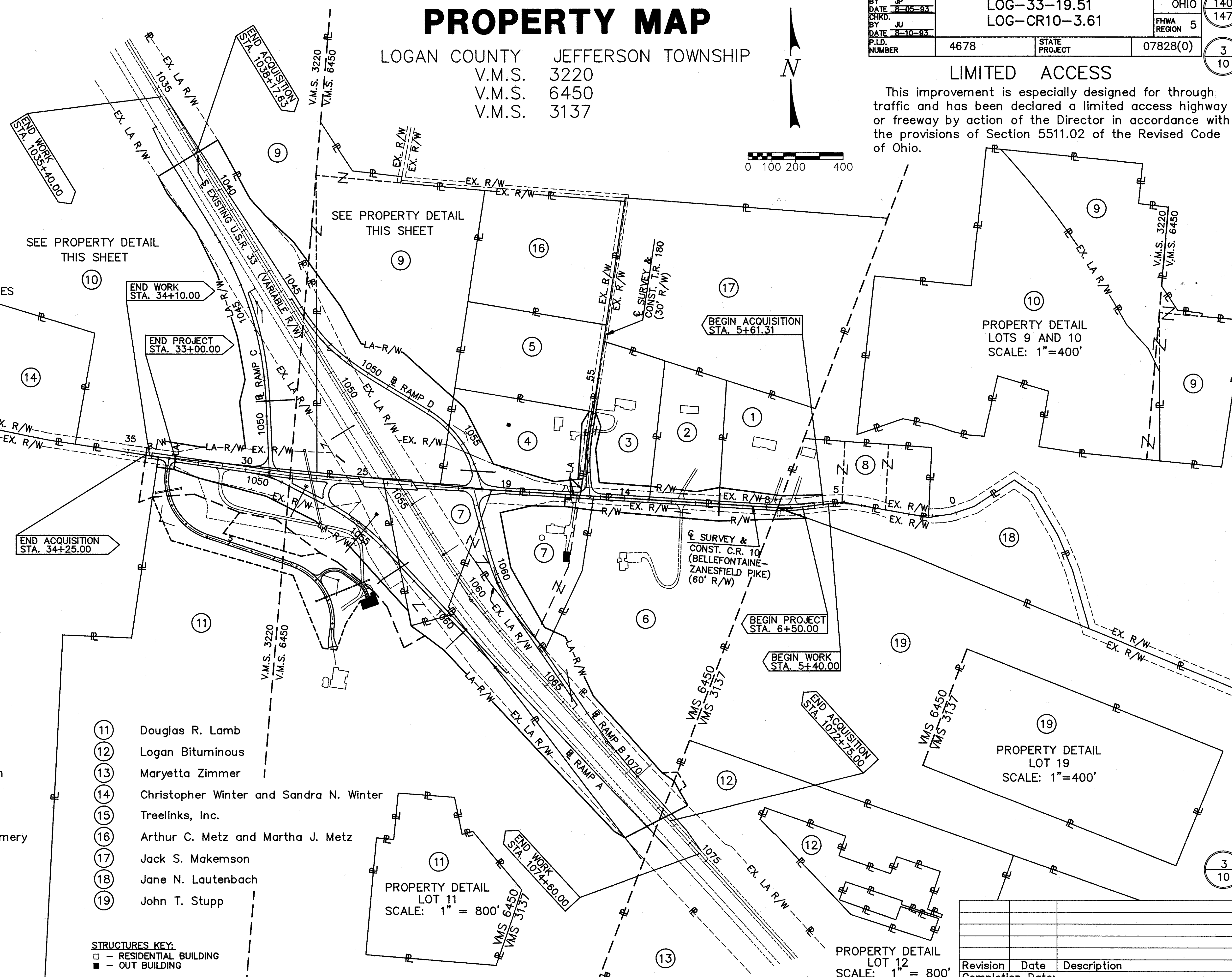


UTILITIES
 TELEPHONE: UNITED TELEPHONE CO., OF OHIO
 127 NORTH MAIN STREET
 BELLEFONTAINE, OHIO 43311
 (513) 599-9276
 ATTN: LINDA PINKERTON

ELECTRIC: LOGAN COUNTY COOPERATIVE
 POWER & LIGHT ASSOC.
 1587 COUNTY ROAD 33 NORTH
 BELLEFONTAINE, OHIO 43311
 (513) 592-4781
 ATTN: DAVID YANCHIK

CABLE TV: SIMMONS CABLE T.V.
 120 NORTH MAIN STREET
 BELLEFONTAINE, OHIO 43311
 (513) 599-6121
 ATTN: CHUCK ROGERS

NOTE: THE LOCATION 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.
 NO UTILITY EASEMENTS HAVE BEEN RECORDED IN THE PAST 60 YEARS WITHIN THE LIMITS OF THIS PROJECT.



PROPERTY DETAIL
 LOT 15
 SCALE: 1" = 800'

PROPERTY DETAIL
 LOTS 9 AND 10
 SCALE: 1" = 400'

PROPERTY DETAIL
 LOT 11
 SCALE: 1" = 800'

PROPERTY DETAIL
 LOT 12
 SCALE: 1" = 800'

PROPERTY DETAIL
 LOT 19
 SCALE: 1" = 400'

- 1 Farrell E. Forrest and Rose M. Forrest
- 2 Jeffrey L. Hodge and Shannon Rae Hodge
- 3 Richard L. McQuown and Pamela S. McQuown
- 4 Mark A. Oppy and Cynthia S. Oppy
- 5 C. Logan Chanay and Sue E. Chanay
- 6 William R. Montgomery and Karen S. Montgomery
- 7 Roger D. Kennard and Connie L. Kennard
- 8 Reva A. Robison
- 9 William L. Taylor and Betty Stowe Taylor
- 10 William L. Frain

- 11 Douglas R. Lamb
- 12 Logan Bituminous
- 13 Maryetta Zimmer
- 14 Christopher Winter and Sandra N. Winter
- 15 Treelinks, Inc.
- 16 Arthur C. Metz and Martha J. Metz
- 17 Jack S. Makemson
- 18 Jane N. Lautenbach
- 19 John T. Stupp

STRUCTURES KEY:
 □ - RESIDENTIAL BUILDING
 ■ - OUT BUILDING

Revision	Date	Description

Completion Date: _____

LOGAN CO.
V.M.S. 3220

JEFFERSON TWP.

V.M.S. 6450

CALC. BY JP DATE 7-27-93 CHKD. BY JU DATE 8-05-93 P.I.D. NUMBER	LOG-33-19.51 LOG-CR10-3.61	OHIO 142 FHWA REGION 5 147 5 10
4678	STATE PROJECT	07828(0)

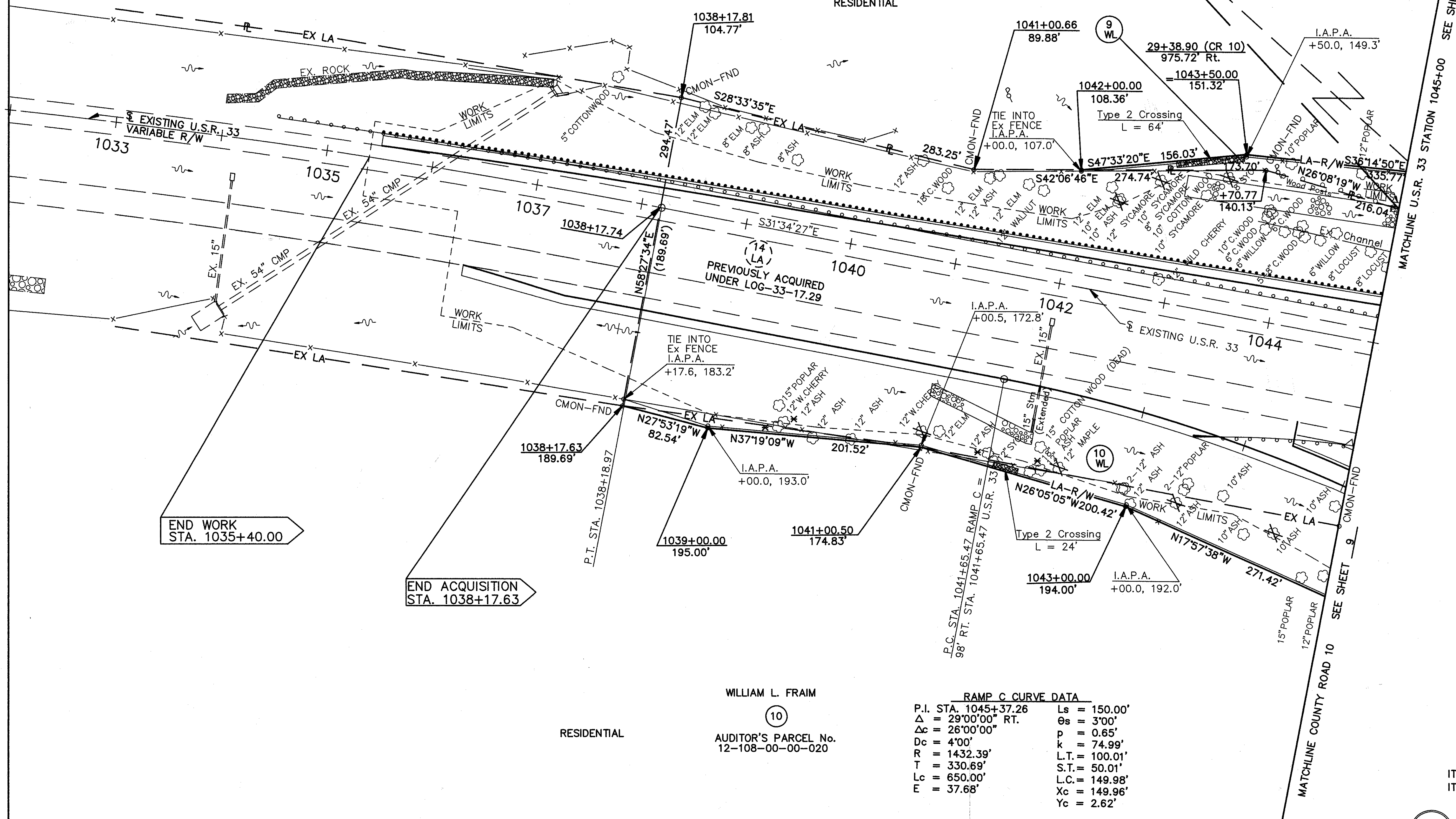
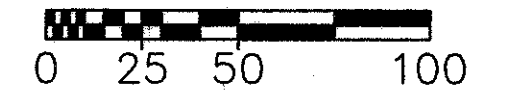
RIGHT OF WAY
LIMITED ACCESS

EXISTING USR 33 CURVE DATA
 P.I. STA. 1025+04.44
 $\Delta = 19'28'09''$ RT.
 $Dc = 00'44'00''$
 $R = 7813.06'$
 $T = 1340.37'$
 $L = 2654.90'$
 $E = 114.14'$
 P.C. STA. 1011+64.07
 P.T. STA. 1038+18.97

WILLIAM L. TAYLOR
AND
BETTY STOWE TAYLOR
9
AUDITOR'S PARCEL No.
12-108-00-00-022

AUDITOR'S PARCEL No.
12-108-00-00-023
RESIDENTIAL

RESIDENTIAL



WILLIAM L. FRAM
10
AUDITOR'S PARCEL No.
12-108-00-00-020

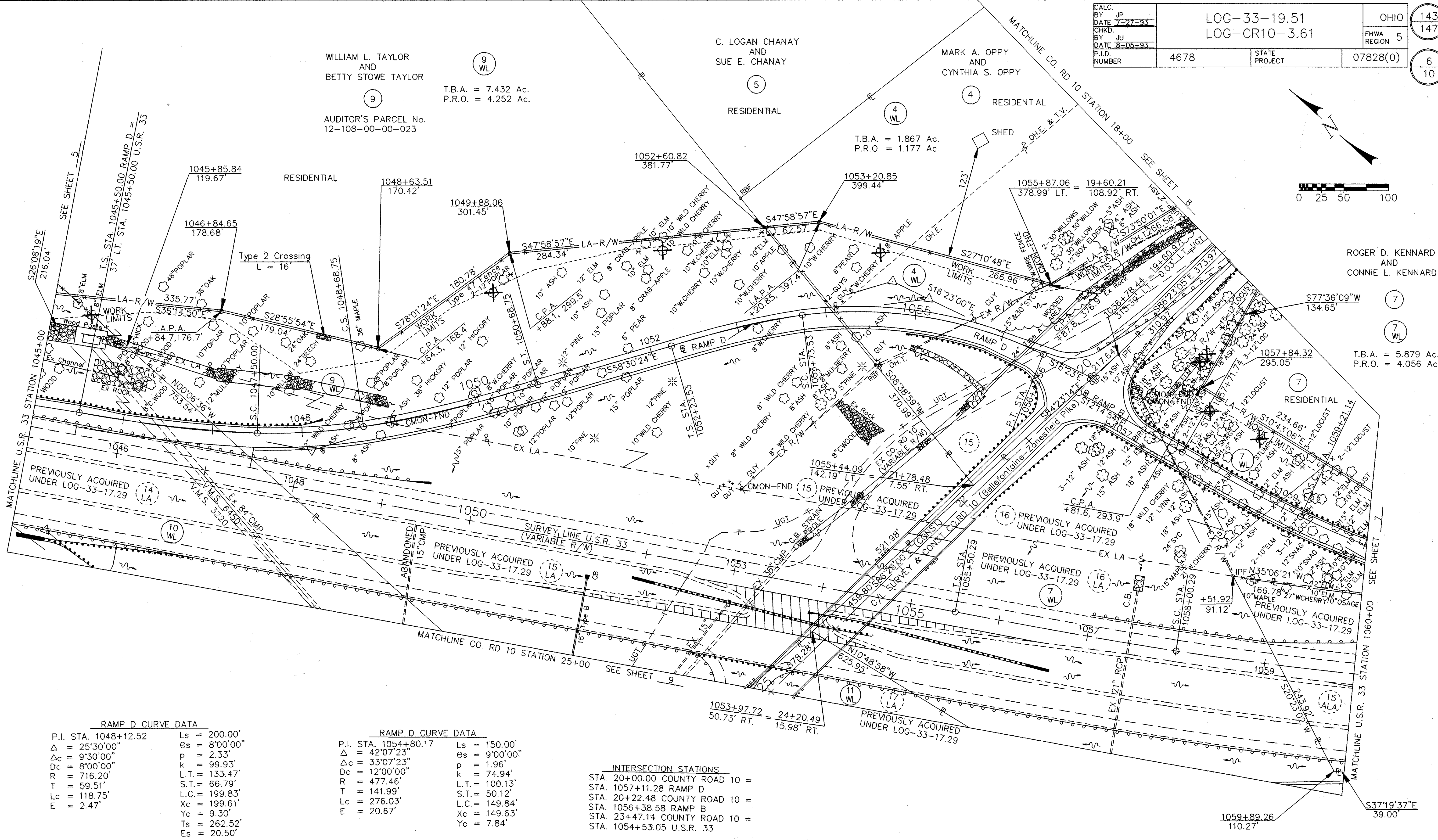
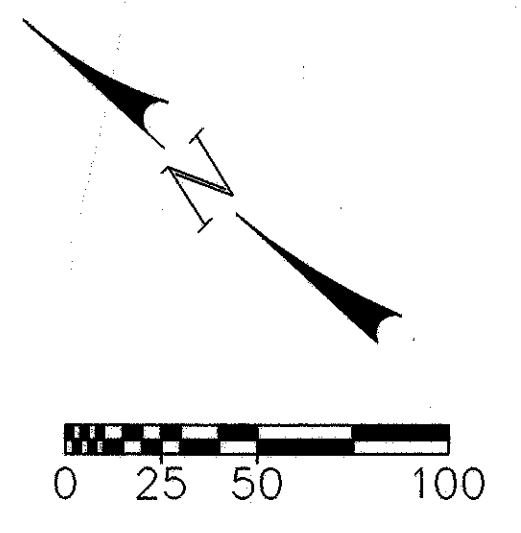
RAMP C CURVE DATA
 P.I. STA. 1045+37.26
 $\Delta = 29'00'00''$ RT.
 $Dc = 26'00'00''$
 $R = 4'00'$
 $T = 1432.39'$
 $Lc = 650.00'$
 $E = 37.68'$
 $Ls = 150.00'$
 $\Theta s = 3'00''$
 $p = 0.65'$
 $k = 74.99'$
 $L.T. = 100.01'$
 $S.T. = 50.01'$
 $L.C. = 149.98'$
 $Xc = 149.96'$
 $Yc = 2.62'$

TREES/SHRUBS MARKED "x" AND TREES/SHRUBS BETWEEN THE PROPOSED RIGHT-OF-WAY LINE AND THE WORK LIMITS NOT MARKED FOR REMOVAL ARE TO BE SAVED IF POSSIBLE. TREES/SHRUBS WITHIN THE WORK LIMITS ARE TO BE REMOVED, UNLESS OTHERWISE NOTED.

ITEM 601 ROCK CHANNEL PROTECTION, TYPE B = 29 CU. YDS.
ITEM 607 FENCE, TYPE 47 = 997 LIN. FT.

5		
10		
Revision	Date	Description
Completion Date:		

CALC. BY: JP	LOG-33-19.51	OHIO	143
DATE: 7-27-93	LOG-CR10-3.61	FHWA REGION	5
CHKD. BY: JU			
DATE: 8-05-93			
P.I.D. NUMBER: 4678	STATE PROJECT	07828(0)	6
			10



RAMP D CURVE DATA

P.I. STA. 1048+12.52	Ls = 200.00'
$\Delta = 25^{\circ}30'00''$	$\Theta_s = 8^{\circ}00'00''$
$\Delta_c = 9^{\circ}30'00''$	p = 2.33'
Dc = 8^{\circ}00'00''	k = 99.93'
R = 716.20'	L.T. = 133.47'
T = 59.51'	S.T. = 66.79'
Lc = 118.75'	L.C. = 199.83'
E = 2.47'	Xc = 199.61'
	Yc = 9.30'
	Ts = 262.52'
	Es = 20.50'

RAMP D CURVE DATA

P.I. STA. 1054+80.17	Ls = 150.00'
$\Delta = 42^{\circ}07'23''$	$\Theta_s = 9^{\circ}00'00''$
$\Delta_c = 33^{\circ}07'23''$	p = 1.96'
Dc = 12^{\circ}00'00''	k = 74.94'
R = 477.46'	L.T. = 100.13'
T = 141.99'	S.T. = 50.12'
Lc = 276.03'	L.C. = 149.84'
E = 20.67'	Xc = 149.63'
	Yc = 7.84'

INTERSECTION STATIONS

STA. 20+00.00 COUNTY ROAD 10 =
STA. 1057+11.28 RAMP D =
STA. 20+22.48 COUNTY ROAD 10 =
STA. 1056+38.58 RAMP B =
STA. 23+47.14 COUNTY ROAD 10 =
STA. 1054+53.05 U.S.R. 33 =

TREES/SHRUBS MARKED "*" AND TREES/SHRUBS BETWEEN THE PROPOSED RIGHT-OF-WAY LINE AND THE WORK LIMITS NOT MARKED FOR REMOVAL ARE TO BE SAVED IF POSSIBLE. TREES/SHRUBS WITHIN THE WORK LIMITS ARE TO BE REMOVED, UNLESS OTHERWISE NOTED.

ITEM 601 ROCK CHANNEL PROTECTION, TYPE B = 5 CU. YDS.
ITEM 607 FENCE, TYPE 47 = 1674 LIN. FT.

LOGAN CO. JEFFERSON TWP.
V.M.S. 3220

6	10	JBH	05/24/94	Revised 7WL
		Revision	Date	Description
Completion Date:				

U.S.R. 33 STATION 1045+00 TO STATION 1060+00

LOGAN CO. JEFFERSON TWP.
V.M.S. 6450

CALC. BY JP	LOG-33-19.51	OHIO	144
DATE 7-27-93	LOG-CR10-3.61	FHWA REGION	5
CHKD. BY JU			
DATE 8-05-93			
P.I.D. NUMBER 4678	STATE PROJECT	07828(0)	7
			10

RAMP B CURVE DATA

P.I. STA. 1060+32.65	Ls = 150.00'
Δ = 22°00'00" LT.	Os = 4°30'
Δc = 13°00'00" LT.	p = 0.98'
Dc = 6'00"	k = 74.98'
R = 954.93'	L.T. = 100.03'
T = 108.80'	S.T. = 50.03'
Lc = 216.67'	L.C. = 149.96'
E = 6.18'	Xc = 149.91'
	Yc = 3.93'
	Ts = 260.79'
	Es = 18.88'

WILLIAM R. MONTGOMERY AND KAREN S. MONTGOMERY
 (6)
 (6) WL
 (6) X
 T.B.A. = 0.684 Ac.
 T.B.A. = 0.028 Ac.
 RESIDENTIAL

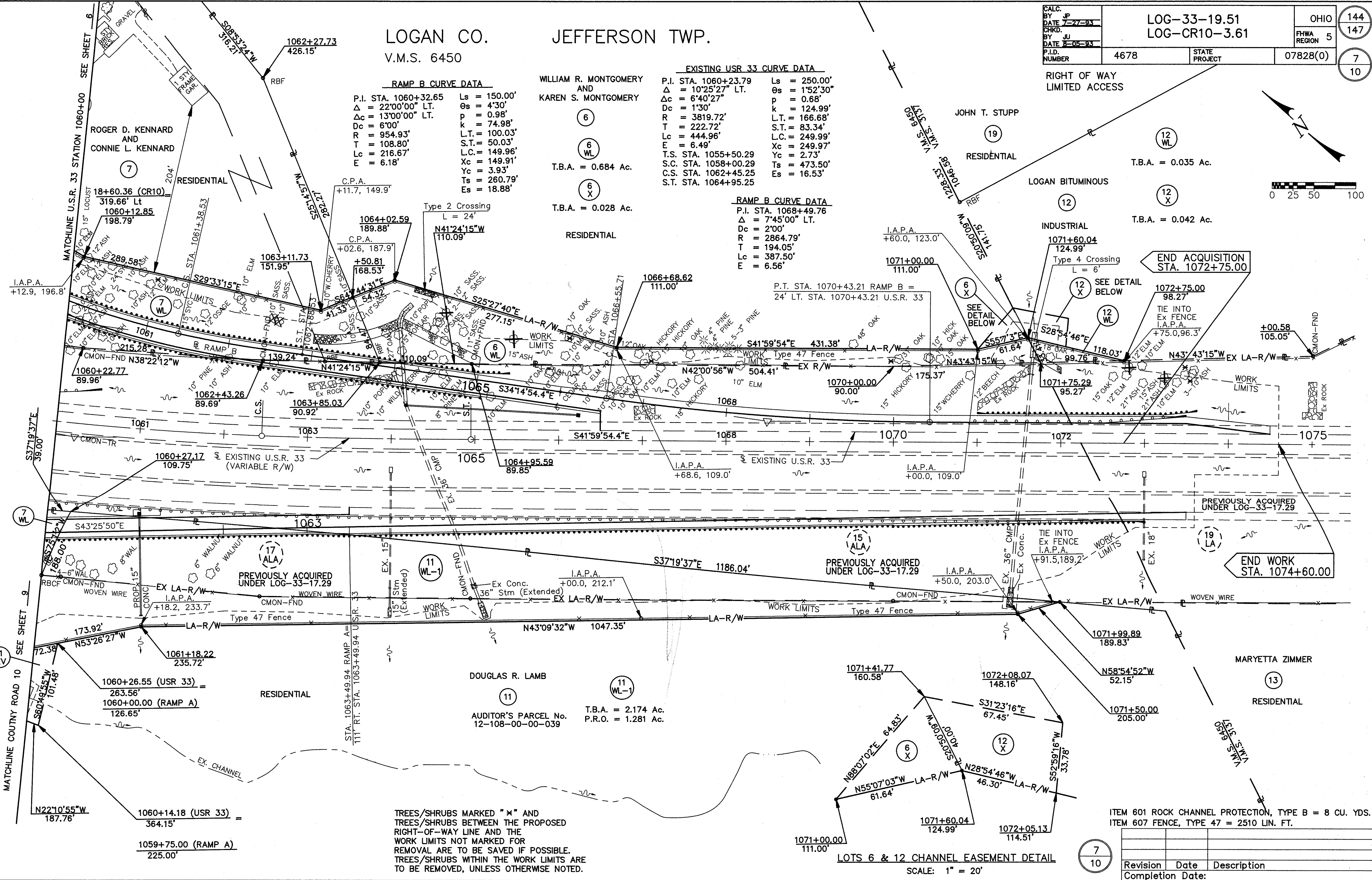
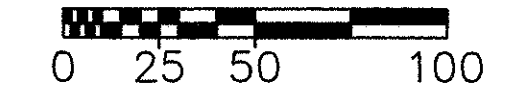
EXISTING USR 33 CURVE DATA

P.I. STA. 1060+23.79	Ls = 250.00'
Δ = 10°25'27" LT.	Os = 1°52'30"
Δc = 6°40'27"	p = 0.68'
Dc = 1'30"	k = 124.99'
R = 3819.72'	L.T. = 166.68'
T = 222.72'	S.T. = 83.34'
Lc = 444.96'	L.C. = 249.99'
E = 6.49'	Xc = 249.97'
	Yc = 2.73'
T.S. STA. 1055+50.29	Ts = 473.50'
S.C. STA. 1058+00.29	Es = 16.53'
C.S. STA. 1062+45.25	
S.T. STA. 1064+95.25	

RAMP B CURVE DATA

P.I. STA. 1068+49.76	Ls = 745.00'
Δ = 7°45'00" LT.	
Dc = 2'00"	
R = 2864.79'	
T = 194.05'	
Lc = 387.50'	
E = 6.56'	

RIGHT OF WAY LIMITED ACCESS



TREES/SHRUBS MARKED "x" AND TREES/SHRUBS BETWEEN THE PROPOSED RIGHT-OF-WAY LINE AND THE WORK LIMITS NOT MARKED FOR REMOVAL ARE TO BE SAVED IF POSSIBLE. TREES/SHRUBS WITHIN THE WORK LIMITS ARE TO BE REMOVED, UNLESS OTHERWISE NOTED.

ITEM 601 ROCK CHANNEL PROTECTION, TYPE B = 8 CU. YDS.
 ITEM 607 FENCE, TYPE 47 = 2510 LIN. FT.

Revision	Date	Description

Completion Date: _____

LOGAN CO. JEFFERSON TWP.
V.M.S. 3220

LOG-33-19.51	OHIO	146
LOG-CR10-3.61	FHWA REGION	5
4678	STATE PROJECT	07828(0)
9		10

11 X
T.B.A. = 2.491 Ac

11 T
T.B.A. = 3.693 Ac

11 WL
T.B.A. = 4.078 Ac
P.R.O. = 2.508 Ac

11 WL-1
T.B.A. = 2.174 Ac
P.R.O. = 1.281 Ac

11 WD
T.B.A. = 0.074 Ac
P.R.O. = 0.050 Ac

DOUGLAS R. LAMB

AUDITOR'S PARCEL No. 12-108-00-00-039

RAMP A CURVE DATA
P.I. STA. 1054+63.37
Δ = 19°17'35" RT.
Dc = 10°17'35" RT.
R = 954.93'
T = 86.01'
Lc = 171.55'
E = 3.87'

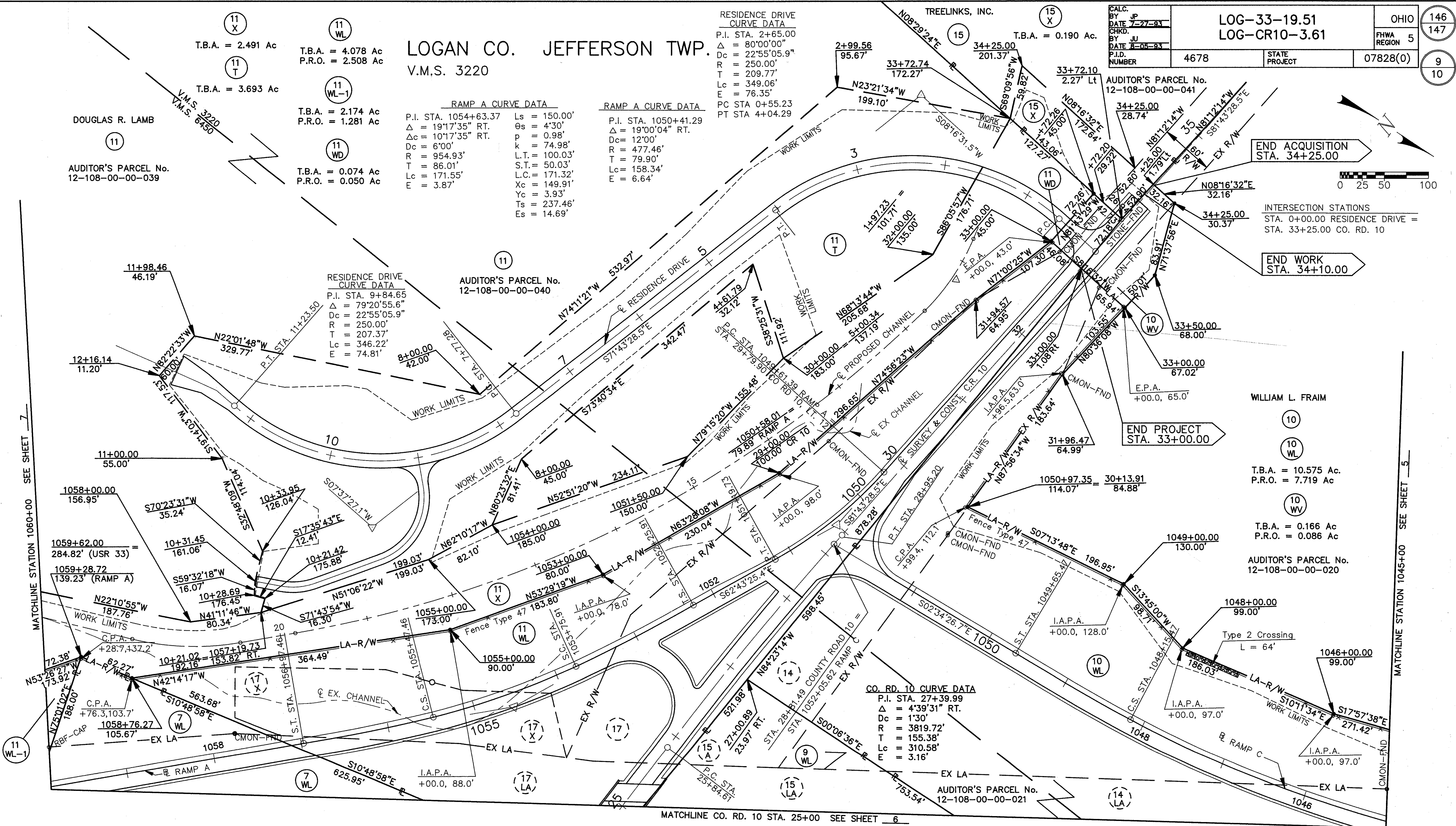
RAMP A CURVE DATA
P.I. STA. 1050+41.29
Δ = 19°00'04" RT.
Dc = 12'00'
R = 477.46'
T = 79.90'
Lc = 158.34'
E = 6.64'

RAMP A CURVE DATA
P.I. STA. 1054+63.37
Ls = 150.00'
Θs = 4°30'
p = 0.98'
k = 74.98'
L.T. = 100.03'
S.T. = 50.03'
L.C. = 171.32'
Xc = 149.91'
Yc = 3.93'
Ts = 237.46'
Es = 14.69'

RESIDENCE DRIVE CURVE DATA
P.I. STA. 2+65.00
Δ = 80°00'00"
Dc = 22°55'05.9"
R = 250.00'
T = 209.77'
Lc = 349.06'
E = 76.35'
PC STA 0+55.23
PT STA 4+04.29

TREELINKS, INC.

T.B.A. = 0.190 Ac



INTERSECTION STATIONS
STA. 0+00.00 RESIDENCE DRIVE =
STA. 33+25.00 CO. RD. 10

END WORK
STA. 34+10.00

END PROJECT
STA. 33+00.00

WILLIAM L. FRAM

10 WL
T.B.A. = 10.575 Ac
P.R.O. = 7.719 Ac

10 WV
T.B.A. = 0.166 Ac
P.R.O. = 0.086 Ac

AUDITOR'S PARCEL No. 12-108-00-00-020

CO. RD. 10 CURVE DATA
P.I. STA. 27+39.99
Δ = 4°39'31" RT.
Dc = 1°30'
R = 3819.72'
T = 155.38'
Lc = 310.58'
E = 3.16'

ALL PARCELS WITH DASHED CIRCLES WERE
PREVIOUSLY ACQUIRED UNDER LOG-33-17.29
FOR TOPOGRAPHIC INFORMATION
SEE SHEET 10

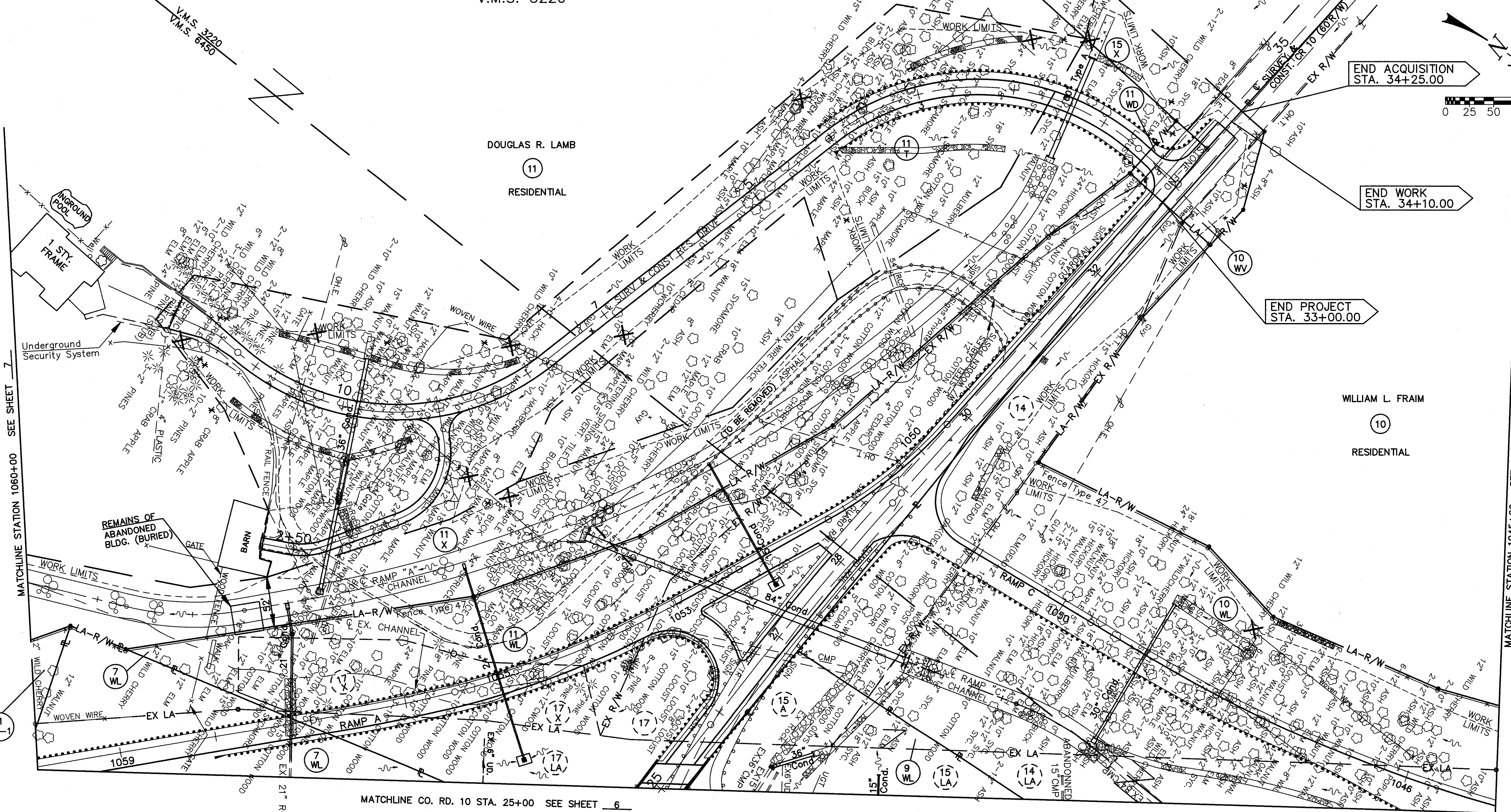
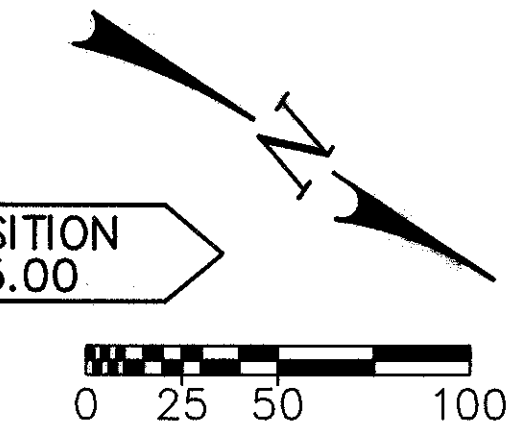
ITEM 601 ROCK CHANNEL PROTECTION, TYPE B = 21 CU. YDS.
ITEM 607 FENCE, TYPE 47 = 1955 LIN. FT.

9			
10	Revision	Date	Description
	Completion Date:		

LOGAN CO. JEFFERSON TWP.
V.M.S. 3220

TREELINKS, INC.

CALC. BY: JP	LOG-33-19.51	OHIO 147
DATE: 7-27-93	LOG-CR10-3.61	FHWA REGION 5
CHKD. BY: JU		10
DATE: 8-05-93		10
P.I.D. NUMBER: 4678	STATE PROJECT	07828(0)



MATCHLINE STATION 1060+00 SEE SHEET 7

MATCHLINE STATION 1045+00 SEE SHEET 5

END ACQUISITION STA. 34+25.00

END WORK STA. 34+10.00

END PROJECT STA. 33+00.00

MATCHLINE CO. RD. 10 STA. 25+00 SEE SHEET 6

REMOVE ALL EXISTING FENCE LOCATED WITHIN PARCELS 7WL, 11WL, 11X & 11T.

TREES/SHRUBS MARKED "X" AND TREES/SHRUBS BETWEEN THE PROPOSED RIGHT-OF-WAY LINE AND THE WORK LIMITS NOT MARKED FOR REMOVAL ARE TO BE SAVED IF POSSIBLE. TREES/SHRUBS WITHIN THE WORK LIMITS ARE TO BE REMOVED, UNLESS OTHERWISE NOTED.

ALL PARCELS WITH DASHED CIRCLES WERE PREVIOUSLY ACQUIRED UNDER LOG-33-17.29 FOR RIGHT-OF-WAY INFORMATION SEE SHEET 9

10
10

Date	Description

Completion Date: