DESC.	STATION	NORTHING	EASTING	No.
POT	39+600.000	135658.0087	637578.9553	1
TS	40+038.582	135225.6350	637652.4860	1
SC	40+118.582	135146.9816	637667.0640	1
CS	40+524.224	134782.7753	637837.7485	1
ST	40+604.224	134721.2008	637888.8135	1
TS	41+099.358	134344.6410	638211.2977	1
SC	41+179.358	134283.5995	638261.9985	1
SC	41+669.196	133836.4569	638447.1765	1
ST	41+749.196	133756.7165	638453.7672	1
POT	42+100.000	133406.8960	638480.0183	1
PC	42+568.029	132940.1621	638514.8184	1
REF	43+033.204	132489.0628	638620.6482	1
PT	43+058.644	132465.5672	638630.4024	1
TOTAL ℄ MONUMENTS TO BE SET (SHEET) =13				

ATH-33-40.981(25.46)

TOWNSHIP 4 NORTH, RANGE 13 WEST
LODI TOWNSHIP, SECTIONS 32, 26 AND 25
ATHENS COUNTY
TOWNSHIP 3 NORTH, RANGE 13 WEST
BEDFORD TOWNSHIP, SECTION 30
MEIGS COUNTY
OHIO COMPANY PURCHASE

CENTERLINE SURVEY

SEC 25-26-31-32 & 33 LODI TWP

DARWIN PROJECT

ENV 510 B PG 1 of 20

metric units

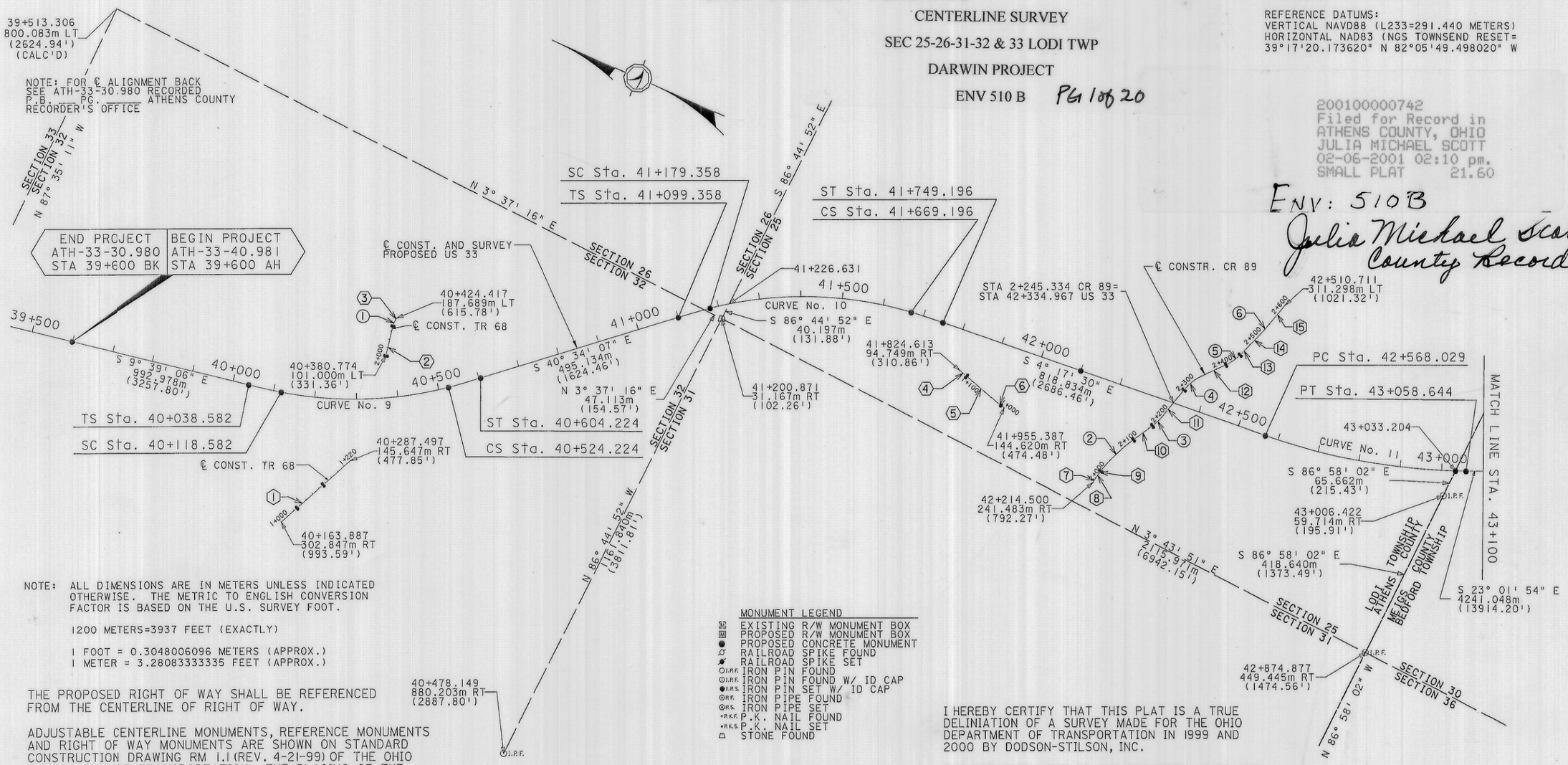
BASIS FOR BEARINGS:

THE PROJECT (GROUND LEVEL) COORDINATE VALUES ARE RELATIVE TO STATE PLANE COORDINATES (OHIO SOUTH ZONE, NAD83) BY A PROJECT ADJUSTMENT FACTOR (PAF) = 1.00010239 AND IS BASED ON A MEAN PROJECT LATITUDE OF 39°14'21"N AND AN ELEVATION OF 264.4 METERS. THOSE COORDINATE VALUES ARE FROM AN ACTUAL GPS SURVEY MADE IN 1998 AND 1999 BY ROBERT C. CANTER, P.S. TO OBTAIN GRID DISTANCES FOR STATE PLANE COORDINATES, DIVIDE THE PROJECT DISTANCES OR COORDINATES BY THE (PAF).

REFERENCE DATUMS:
VERTICAL NAVD88 (L233=291.440 METERS)
HORIZONTAL NAD83 (NGS TOWNSEND RESET=
39°17'20.173620" N 82°05'49.498020" W

200100000742
Filed for Record in
ATHENS COUNTY, OHIO
JULIA MICHAEL SCOTT
02-06-2001 02:10 pm.
SMALL PLAT 21.60

ENV: 510B
Julia Michael Scott
County Recorder



NOTE: ALL DIMENSIONS ARE IN METERS UNLESS INDICATED OTHERWISE. THE METRIC TO ENGLISH CONVERSION FACTOR IS BASED ON THE U.S. SURVEY FOOT.

1200 METERS=3937 FEET (EXACTLY)

1 FOOT = 0.3048006096 METERS (APPROX.)
1 METER = 3.28083333335 FEET (APPROX.)

THE PROPOSED RIGHT OF WAY SHALL BE REFERENCED FROM THE CENTERLINE OF RIGHT OF WAY.

ADJUSTABLE CENTERLINE MONUMENTS, REFERENCE MONUMENTS AND RIGHT OF WAY MONUMENTS ARE SHOWN ON STANDARD CONSTRUCTION DRAWING RM 1.1 (REV. 4-21-99) OF THE OHIO DEPARTMENT OF TRANSPORTATION. THE PLACING OF THE MONUMENTS SHALL BE UNDER THE DIRECTION OF A SURVEYOR REGISTERED IN THE STATE OF OHIO AND ARE TO BE SET, AS SHOWN BY THE HIGHWAY CONTRACTOR AT THE TIME OF CONSTRUCTION. ANY ALTERATIONS, WITH PRIOR APPROVAL OF THE OHIO DEPARTMENT OF TRANSPORTATION, SHALL BE NOTED AND O.D.O.T. SHALL BE NOTIFIED OF THE NEW LOCATIONS.

MONUMENT LEGEND
- EXISTING R/W MONUMENT BOX
- PROPOSED R/W MONUMENT BOX
- PROPOSED CONCRETE MONUMENT
- RAILROAD SPIKE FOUND
- RAILROAD SPIKE SET
- I.R.F. IRON PIN FOUND
- I.R.F. IRON PIN FOUND W/ ID CAP
- I.R.S. IRON PIN SET W/ ID CAP
- P.F. IRON PIPE FOUND
- P.S. IRON PIPE SET
- P.K.F. P.K. NAIL FOUND
- P.K.S. P.K. NAIL SET
- STONE FOUND

RECEIVED 2-6, 2001
RECORDED 2-6, 2001
BOOK PAGE
Julia Michael Scott
COUNTY RECORDER

STATE OF OHIO CHARLES H. MURPHY 6950 REGISTERED SURVEYOR

I HEREBY CERTIFY THAT THIS PLAT IS A TRUE DELINIATION OF A SURVEY MADE FOR THE OHIO DEPARTMENT OF TRANSPORTATION IN 1999 AND 2000 BY DODSON-STILSON, INC.

THE ESTABLISHMENT OF THE PROPERTY LINES AND EXISTING RIGHT OF WAY LINES SHOWN ON THIS PLAN AS OF THIS DATE WERE PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION.

BY Charles H. Murphy
CHARLES H. MURPHY, P.S.
SURVEYOR NO. 6950 DATE 2-2-01

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

HORIZONTAL SCALE IN METERS 0 200

PID NO. 18288

R/W DESIGNER MJW
R/W REVIEWER CHM

CENTERLINE PLAT
STA. 39+600 TO STA. 43+100

ATH-33-40.981 (25.46)

1 / 42

MJW 010101 1:5000

200100000743
Filed for Record in
ATHENS COUNTY, OHIO
JULIA MICHAEL SCOTT
02-06-2001 02:10 PM.
SMALL PLAT 21.60

ATH-33-40.981 (25.46)

TOWNSHIP 3 NORTH, RANGE 13 WEST
BEDFORD TOWNSHIP, SECTIONS 30,29 AND 23
FRACTION 23
MEIGS COUNTY
OHIO COMPANY PURCHASE

ENV 510B

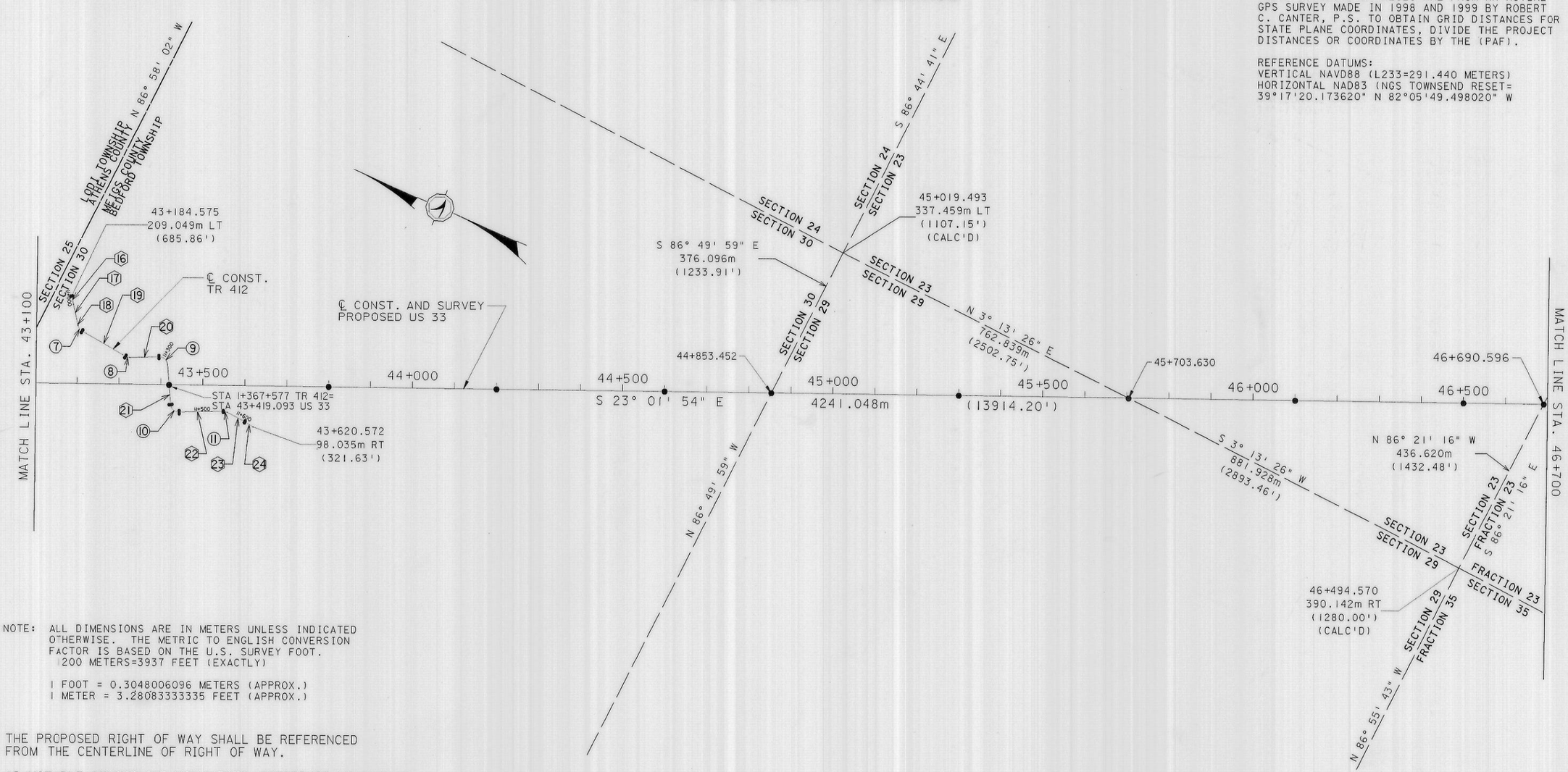
metric units

DESC.	STATION	NORTHING	EASTING	No.
REF	43+419.093	132133.8496	638771.4240	1
POT	43+800.000	131783.5899	638920.3286	1
POT	44+200.000	131415.4743	639076.8243	1
POT	44+600.000	131047.3587	639233.3199	1
REF	44+853.452	130813.8246	639332.6014	1
POT	45+300.000	130403.1563	639507.1873	1
REF	45+703.630	130031.4156	639665.2241	1
POT	46+100.000	129666.6411	639820.2994	1
POT	46+500.000	129298.8095	639976.6743	1
REF	46+690.596	129123.1211	640051.3641	1
TOTAL ℄ MONUMENTS TO BE SET (SHEET) =10				

BASIS FOR BEARINGS:

THE PROJECT (GROUND LEVEL) COORDINATE VALUES ARE RELATIVE TO STATE PLANE COORDINATES (OHIO SOUTH ZONE, NAD83) BY A PROJECT ADJUSTMENT FACTOR (PAF) = 1.00010239 AND IS BASED ON A MEAN PROJECT LATITUDE OF 39°14'21"N AND AN ELEVATION OF 264.4 METERS. THOSE COORDINATE VALUES ARE FROM AN ACTUAL GPS SURVEY MADE IN 1998 AND 1999 BY ROBERT C. CANTER, P.S. TO OBTAIN GRID DISTANCES FOR STATE PLANE COORDINATES, DIVIDE THE PROJECT DISTANCES OR COORDINATES BY THE (PAF).

REFERENCE DATUMS:
VERTICAL NAVD88 (L233=291.440 METERS)
HORIZONTAL NAD83 (NGS TOWNSEND RESET=
39°17'20.173620" N 82°05'49.498020" W



NOTE: ALL DIMENSIONS ARE IN METERS UNLESS INDICATED OTHERWISE. THE METRIC TO ENGLISH CONVERSION FACTOR IS BASED ON THE U.S. SURVEY FOOT.
1200 METERS=3937 FEET (EXACTLY)

1 FOOT = 0.3048006096 METERS (APPROX.)
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CENTERLINE SURVEY
SEC 25-26-31-32 & 33 LODI TWP
DARWIN PROJECT
ENV 510 B

PG2 of 20

RECEIVED 2-6, 2001
RECORDED 2-6, 2001
BOOK ____ PAGE ____
Julia Michael Scott
COUNTY RECORDER

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

HORIZONTAL SCALE IN METERS 0 100 200

PID NO. 18288

R/W DESIGNER MJW
R/W REVIEWER CHM

CENTERLINE PLAT
STA.43+100 TO STA.46+700

ATH-33-40.981 (25.46)

2
42

MJW 010101 1:5000

DESC.	STATION	NORTHING	EASTING	No.
POT	47+100.000	128746.3521	640211.5385	1
PC	47+299.691	128562.5782	640289.6656	1
REF	47+440.828	128434.3869	640348.6791	1
PT	47+835.701	128098.8082	640555.8749	1
REF	48+284.997	127738.4290	640824.3073	1
POT	48+500.000	127566.0577	640952.7000	1
PC	48+830.628	127300.9026	641150.2038	1
REF	48+983.158	127173.1230	641233.3104	1
PT	49+451.757	126730.8195	641378.8285	1
PC	49+694.214	126490.1826	641408.4785	1
PT	49+831.856	126354.3778	641430.6740	1
POT	49+890.950	126296.4782	641442.4960	1
TOTAL ℄ MONUMENTS TO BE SET (SHEET) = 12				
TOTAL ℄ MONUMENTS TO BE SET (PROJECT) = 35				

200100000744
Filed for Record in
ATHENS COUNTY, OHIO
JULIA MICHAEL SCOTT
02-06-2001 02:10 PM.
SMALL PLAT 21.60
ENV 510B

ATH-33-40.981 (25.46)

TOWNSHIP 3 NORTH, RANGE 13 WEST
BEDFORD TOWNSHIP, FRACTIONS 23, 17, 18 AND 36
MEIGS COUNTY
OHIO COMPANY PURCHASE

metric units

BASIS FOR BEARINGS:

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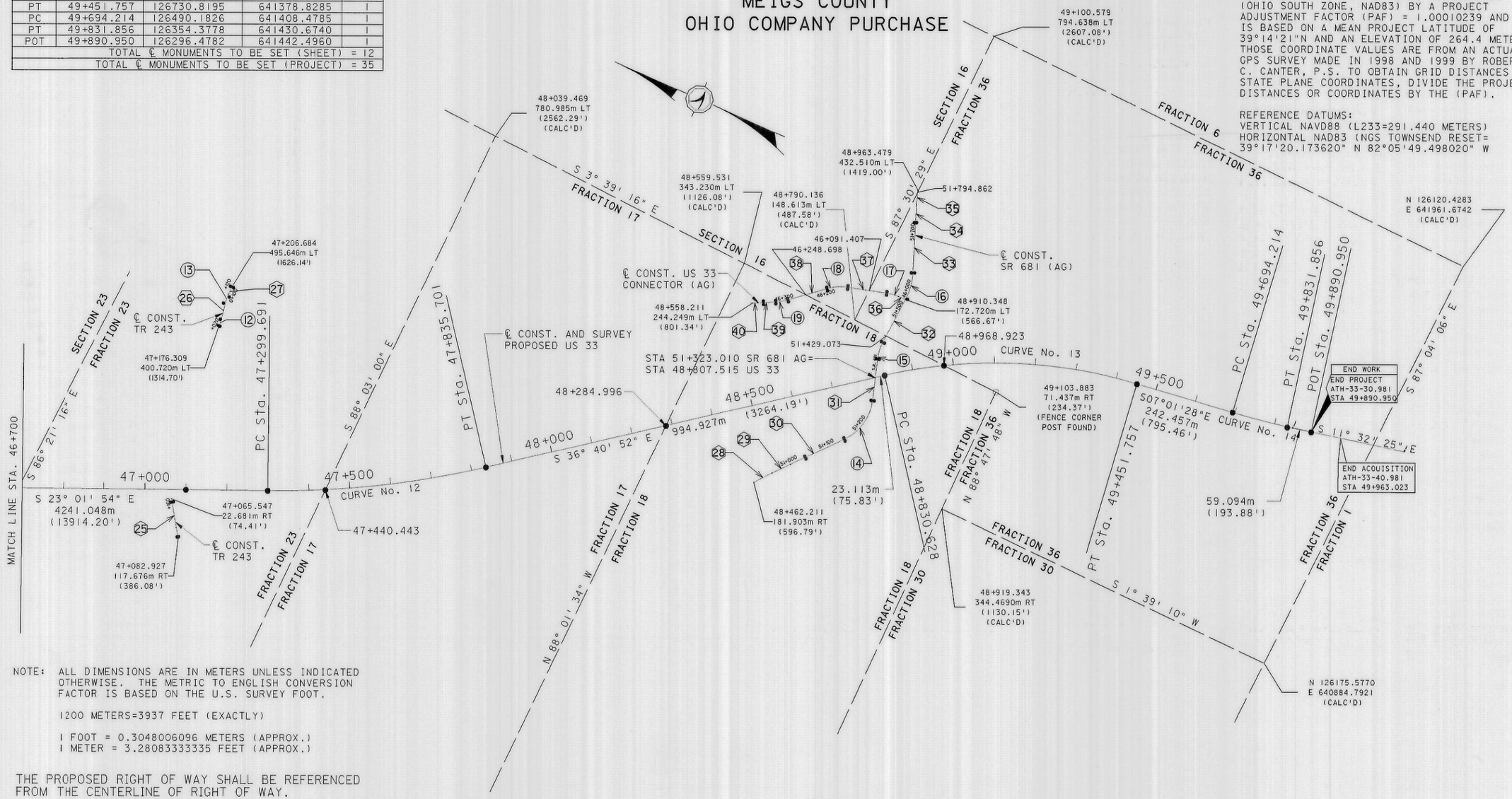
REFERENCE DATUMS:
VERTICAL NAVD88 (L233=291.440 METERS)
HORIZONTAL NAD83 (NGS TOWNSEND RESET=
39°17'20.173620" N 82°05'49.498020" W



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CENTERLINE SURVEY
SEC 25-26-31-32 & 33 LODI TWP
DARWIN PROJECT
ENV 510 B PG 3 of 20

RECEIVED 2-6, 2001
RECORDED 2-6, 2001
BOOK ____ PAGE ____
Julia Michael Scott
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REV. BY	DATE	DESCRIPTION

DATE COMPLETED

HORIZONTAL SCALE IN METERS 0 200

PID NO. 18288

P/W DESIGNER MJW
R/W REGISTRAR CHM

CENTERLINE PLAT
STA.46+700 TO STA. 49+890.950

ATH-33-40.981 (25.46)

3
42

MJW 010101 1:5000

ATH/MEG-33-40.981 (25.46)

SIDE ROAD LINE AND CURVE DATA
SIDE ROAD REFERENCE MONUMENTS
MAIN LINE CURVE DATA

ENV510B

200100000745
Filed for Record in
ATHENS COUNTY, OHIO
JULIA MICHAEL SCOTT
02-06-2001 02:10 PM.
SMALL PLAT 21.60

MAINLINE CURVE DATA

CURVE NO. 9
P.I. STA = 40+327.551
Δ = 30°55'01" (LT)
R = 900.000m (2952.75')
Ls = 80.000m (262.47')
θ = 2°32'47"
LT = 53.339m (175.00')
ST = 26.672m (87.51')
x = 79.984m (262.41')
y = 1.185m (3.89')
k = 39.997m (131.22')
p = 0.296m (0.97')
Dc = 25°49'26" (LT)
Lc = 405.643m (1330.85')
Ts = 288.969m (948.06')
Es = 34.088m (111.84')
Emax = 0.061
TS STA=40+038.582
SC STA=40+118.582
CS STA=40+524.224
ST STA=40+604.224

CURVE NO. 10
P.I. STA = 41+434.287
Δ = 36°16'37" (RT)
R = 900.000m (2952.75')
Ls = 80.000m (262.47')
θ = 2°32'47"
LT = 53.339m (175.00')
ST = 26.672m (87.51')
x = 79.984m (262.41')
y = 1.185m (3.89')
k = 39.997m (131.22')
p = 0.296m (0.97')
Dc = 31°11'03" (RT)
Lc = 489.838m (1607.08')
Ts = 334.929m (1098.85')
Es = 47.374m (155.43')
Emax = 0.061
TS STA=41+099.358
SC STA=41+179.358
CS STA=41+669.196
ST STA=41+749.196

CURVE NO. 11
P.I. STA = 42+815.547
Δ = 18°44'24" (LT)
R = 1,500.000m (4921.15')
T = 247.518m (812.07')
L = 490.614m (1609.62')
E = 20.285m (66.55')
Emax = 0.040
P.C. STA = 42+568.029
P.T. STA = 43+058.644

CURVE NO. 12
P.I. STA = 47+568.971
Δ = 13°38'58" (LT)
R = 2,250.000m (7381.88')
T = 269.279m (883.46')
L = 536.010m (1758.56')
E = 16.056m (52.68')
Emax = 0.026
P.C. STA = 47+299.691
P.T. STA = 47+835.701

CURVE NO. 13
P.I. STA = 49+148.317
Δ = 29°39'24" (RT)
R = 1,200.000m (3937.00')
T = 317.689m (1042.28')
L = 621.129m (2037.82')
E = 41.341m (135.63')
Emax = 0.049
P.C. STA = 48+830.628
P.T. STA = 49+451.757

CURVE NO. 14
P.I. STA = 49+763.070
Δ = 4°30'57" (LT)
R = 1,746.397m (5729.64')
T = 68.857m (225.91')
L = 137.642m (451.58')
E = 1.357m (4.45')
Emax = 0.035
P.C. STA = 49+694.214
P.T. STA = 49+831.856

TR 68 (WEST)
(1) S 64°29'06" E 220.000m (721.78')

TR 68 (EAST)
(2) N 79°58'25" E 72.960m (239.37')
(3) S 80°51'13" E 4.878m (16.00')

TR 67
(4) N 13°47'05" E 26.478m (86.87')
(5) S 17°14'07" W 91.485m (300.15')
(6) N 17°14'08" E 22.037m (72.30')

CR 89
(7) S 82°38'37" E 13.134m (43.09')
(8) S 76°58'54" E 13.434m (44.07')
(9) S 74°29'51" E 7.121m (23.36')
(10) S 58°59'34" E 55.900m (183.40')
(11) S 74°17'30" E 82.712m (271.36')
(12) S 48°48'49" E 65.212m (213.95')
(13) S 68°35'00" E 27.333m (89.67')
(14) S 69°34'40" E 43.434m (142.50')
(15) S 74°03'45" E 60.017m (196.91')

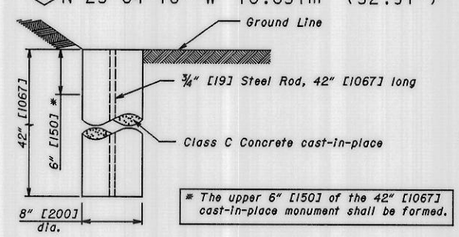
TR 412
(16) S 54°08'12" W 20.000m (65.62')
(17) S 54°08'13" W 47.800m (156.82')
(18) S 54°08'16" W 3.929m (12.89')
(19) S 06°39'51" W 119.804m (393.06')
(20) S 24°59'25" E 69.537m (228.14')
(21) S 61°58'06" W 95.868m (314.53')
(22) S 24°40'01" E 105.308m (345.50')
(23) S 03°54'04" W 47.201m (154.86')
(24) S 08°16'39" W 23.270m (76.35')

TR 243 (WEST)
(25) N 56°36'01" E 96.572m (316.84')

TR 243 (EAST)
(26) N 80°26'05" E 39.997m (131.22')
(27) N 89°50'50" E 55.034m (180.56')

SR 681 (AG)
(28) S 50°48'38" E 49.841m (163.52')
(29) S 48°36'26" E 49.148m (161.25')
(30) S 48°37'28" E 144.754m (474.92')
(31) N 73°16'07" E 102.420m (336.02')
(32) S 85°59'15" E 120.583m (395.61')
(33) N 69°04'25" E 123.489m (405.15')
(34) N 69°27'25" E 42.831m (140.52')
(35) N 71°56'22" E 35.470m (116.37')

US 33 CONNECTOR (AG)
(36) N 00°59'14" W 18.212m (59.75')
(37) N 15°15'59" W 95.721m (314.05')
(38) N 39°37'10" W 98.801m (324.15')
(39) N 26°48'05" W 45.570m (149.51')
(40) N 25°04'16" W 10.031m (32.91')



REFERENCE MONUMENT DETAIL

TR 68
(1) P.I. STA = 2+081.405
Δ = 19°10'22" (RT)
R = 50.000m (164.04')
T = 8.445m (27.71')
L = 16.731m (54.89')
E = 0.708m (2.32')
P.C. STA = 2+072.960
P.T. STA = 2+089.692

CR 89
(2) P.I. STA = 2+061.575
Δ = 15°30'17" (RT)
R = 400.000m (1312.33')
T = 54.455m (178.66')
L = 108.244m (355.13')
E = 3.690m (12.11')
P.C. STA = 2+007.120
P.T. STA = 2+115.364

(3) P.I. STA = 2+187.381
Δ = 15°17'56" (LT)
R = 120.000m (393.70')
T = 16.117m (52.88')
L = 32.042m (105.12')
E = 1.077m (3.53')
P.C. STA = 2+171.264
P.T. STA = 2+203.306

(4) P.I. STA = 2+313.147
Δ = 25°28'41" (RT)
R = 120.000m (393.70')
T = 27.129m (89.01')
L = 53.361m (175.07')
E = 3.028m (9.93')
P.C. STA = 2+286.018
P.T. STA = 2+339.379

(5) P.I. STA = 2+425.502
Δ = 19°46'12" (LT)
R = 120.000m (393.70')
T = 20.911m (68.61')
L = 41.406m (135.85')
E = 1.808m (5.93')
P.C. STA = 2+404.591
P.T. STA = 2+445.997

(6) P.I. STA = 2+532.427
Δ = 4°29'05" (LT)
R = 400.000m (1312.33')
T = 15.623m (51.26')
L = 31.310m (102.72')
E = 0.307m (1.01')
P.C. STA = 2+516.804
P.T. STA = 2+548.114

TR 412
(7) P.I. STA = 11+080.524
Δ = 47°28'21" (LT)
R = 20.000m (65.62')
T = 8.795m (28.85')
L = 16.571m (54.37')
E = 1.848m (6.06')
P.C. STA = 11+071.729
P.T. STA = 11+088.300

(8) P.I. STA = 11+213.774
Δ = 31°39'17" (LT)
R = 20.000m (65.62')
T = 5.670m (18.60')
L = 11.050m (36.25')
E = 0.788m (2.59')
P.C. STA = 11+208.104
P.T. STA = 11+219.154

(9) P.I. STA = 11+307.657
Δ = 86°57'32" (RT)
R = 20.000m (65.62')
T = 18.966m (62.22')
L = 30.354m (99.59')
E = 7.563m (24.81')
P.C. STA = 11+288.691
P.T. STA = 11+319.046

(10) P.I. STA = 11+433.773
Δ = 86°38'07" (LT)
R = 20.000m (65.62')
T = 18.859m (61.87')
L = 30.241m (99.22')
E = 7.489m (24.57')
P.C. STA = 11+414.914
P.T. STA = 11+445.155

(11) P.I. STA = 11+555.556
Δ = 28°34'05" (RT)
R = 20.000m (65.62')
T = 5.092m (16.71')
L = 9.972m (32.72')
E = 0.638m (2.09')
P.C. STA = 11+550.464
P.T. STA = 11+560.436

TR 243 (EAST)
(12) P.I. STA = 0+028.294
Δ = 12°32'18" (LT)
R = 74.997m (246.05')
T = 8.239m (27.03')
L = 16.412m (53.85')
E = 0.451m (1.48')
P.C. STA = 0+020.055
P.T. STA = 0+036.467

(13) P.I. STA = 0+085.519
Δ = 9°24'47" (RT)
R = 109.991m (360.86')
T = 9.056m (29.71')
L = 18.070m (59.28')
E = 0.372m (1.22')
P.C. STA = 0+076.464
P.T. STA = 0+094.534

SR 681 (AG)
(14) P.I. STA = 51+211.419
Δ = 58°06'25" (LT)
R = 120.000m (393.70')
T = 66.664m (218.71')
L = 121.699m (399.27')
E = 17.274m (56.58')
Emax = 0.020
P.C. STA = 51+144.755
P.T. STA = 51+266.454

(15) P.I. STA = 51+390.837
Δ = 20°44'39" (RT)
R = 120.000m (393.70')
T = 21.964m (72.06')
L = 43.446m (142.54')
E = 1.993m (6.54')
Emax = 0.070
P.C. STA = 51+368.874
P.T. STA = 51+412.320

(16) P.I. STA = 51+566.073
Δ = 24°56'21" (LT)
R = 150.000m (492.13')
T = 33.170m (108.83')
L = 65.290m (214.21')
E = 3.624m (11.89')
P.C. STA = 51+532.903
P.T. STA = 51+598.193

US33 CONNECTOR (AG)
(17) P.I. STA = 46+033.243
Δ = 14°16'45" (LT)
R = 120.000m (393.70')
T = 15.031m (49.31')
L = 29.906m (98.12')
E = 0.938m (3.08')
P.C. STA = 46+018.212
P.T. STA = 46+048.118

(18) P.I. STA = 46+169.733
Δ = 24°21'11" (LT)
R = 120.000m (393.70')
T = 25.893m (84.95')
L = 51.005m (167.34')
E = 2.762m (9.06')
P.C. STA = 46+143.840
P.T. STA = 46+194.844

(19) P.I. STA = 46+308.810
Δ = 12°49'05" (RT)
R = 135.000m (442.91')
T = 15.164m (49.75')
L = 30.202m (99.09')
E = 0.849m (2.79')
P.C. STA = 46+293.646
P.T. STA = 46+323.847

SIDE ROAD REFERENCE MONUMENTS

DESC	STATION	OFFSET	QTY	DESC	STATION	OFFSET	QTY	DESC	STATION	OFFSET	QTY
	TR68 WEST				TR 412				SR 681 (AG)		
POT	1+050.000	2.500m LT+RT	2	POT	11+000.000	2.100m LT+RT	2	POT	51+040.000	3.500m LT+RT	2
POT	1+133.300	3.500m LT+RT	2	PT	11+088.300	3.500m LT+RT	2	PC	51+144.755	3.750m LT+RT	2
				PC	11+208.104	3.500m LT+RT	2	PT	51+266.454	4.000m LT+RT	2
	TR68 EAST			PC	11+288.691	3.500m LT+RT	2	PC	51+368.874	4.000m LT+RT	2
POT	2+000.00	3.500m LT+RT	2	PC	11+414.914	3.500m LT+RT	2	PT	51+412.320	4.000m LT+RT	2
PC	2+072.960	2.500m LT+RT	2	PT	11+445.551	3.500m LT+RT	2	PC	51+532.903	4.000m RT	1
				PC	11+550.464	2.000m LT+RT	2	PT	51+598.193	4.000m LT+RT	2
	TR67			POT	11+607.637	2.000m LT+RT	2	POT	51+721.735	3.000m LT+RT	2
POT	1+010.000	1.750m LT+RT	2								
POT	1+117.963	3.500m LT+RT	2		TR243 EAST				US33S		
				POT	0+034.974	2.000m LT+RT	2	PT	46+048.118	4.000m LT+RT	2
	CR89			POT	0+104.574	3.750m LT+RT	2	PC	46+143.840	4.000m LT+RT	2
PC	2+007.120	3.500m LT+RT	2					PT	46+194.844	4.000m LT+RT	2
PT	2+115.364	3.500m LT+RT	2		TR 243 WEST			PC	46+293.646	4.000m LT+RT	2
PC	2+171.264	3.500m LT+RT	2	PC	0+020.055	2.500m LT+RT	2	PT	46+323.847	4.000m LT+RT	2
PC	2+286.018	3.500m LT+RT	2	PT	0+036.467	2.500m LT	1	POT	46+353.932	4.000m LT+RT	2
PC	2+404.591	3.500m LT+RT	2	PC	0+076.464	5.000m LT	1				
PT	2+445.997	3.500m LT+RT	2	PT	0+094.534	4.000m RT	1			TOTAL =	78
				POT	0+120.000	4.000m LT+RT	2				

CENTERLINE SURVEY
SEC 25-26-31-32 & 33 LODI TWP
DARWIN PROJECT
ENV 510 B

PG 4 of 20

RECEIVED 2-6, 2001
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BOOK ____ PAGE ____
Julia Michael Scott
COUNTY RECORDER

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

metric units

SCALE IN METERS (HORIZONTAL 0 – 200)

PID NO. 18288

R/W DESIGNER MJW
R/W REVIEWER CHM

CENTERLINE PLAT
CURVE AND LINE DATA

ATH-33-40.981 (25.46)

MJW 010101FULL

LODI TOWNSHIP
ATHENS COUNTY
SECTIONS 33,32, 31,26 AND 25
T.4 N.,R.13 W.
OHIO COMPANY PURCHASE

metric units

CONVENTIONAL SIGNS

County Line
Township Line
Section Line
Corporation Line or
Fence Line (existing) (proposed)
Center Line
Trees, Stumps (to be removed)
Utility Poles: Telephone, Power, Light
Limited Access (only) LA
Right of Way (only) R/W
Limited Access & Right of Way LA-R/W
Exist. Right of Way R/W
Temp. Right of Way T ESMT
Slope Easement SL ESMT
Utility Easement U ESMT
Property Line (in existing fence)
Railroad or
Guardrail (existing) (proposed)
Construction Limits Construction Limits

AMERICAN ELECTRIC POWER
95 EAST MAIN STREET
CHILLICOTHE, OHIO 45601
(740) 774-7135

BUCKEYE RURAL ELECTRIC COOPERATIVE
P.O. BOX 200
RIO GRANDE, OHIO 45674-0200
(740) 379-2025
(800) 231-3732

LEAX WATER COMPANY
P.O. BOX 97
THE PLAINS, OHIO 45780
(740) 594-0123

GATHERCO (PETROLEUM)
2098 PORTAGE ROAD
SUITE #145
WOOSTER, OHIO 44691
(330) 263-6761

6273 FRANK AVE. NW
NORTH CANTON, OHIO 44720
(330) 498-9553

JD DRILLING COMPANY
PO BOX 587
307 THIRD STREET
RACINE, OHIO 45771-0587
(740) 949-2512

VERIZON NORTH
754 WEST UNION STREET
ATHENS, OHIO 45701
(740) 592-0545

TUPPERS PLAINS-CHESTER WATER DISTRICT
39561 BAR 30 ROAD
REEDSVILLE, OHIO 45772
(740) 985-3315
(800) 686-3747

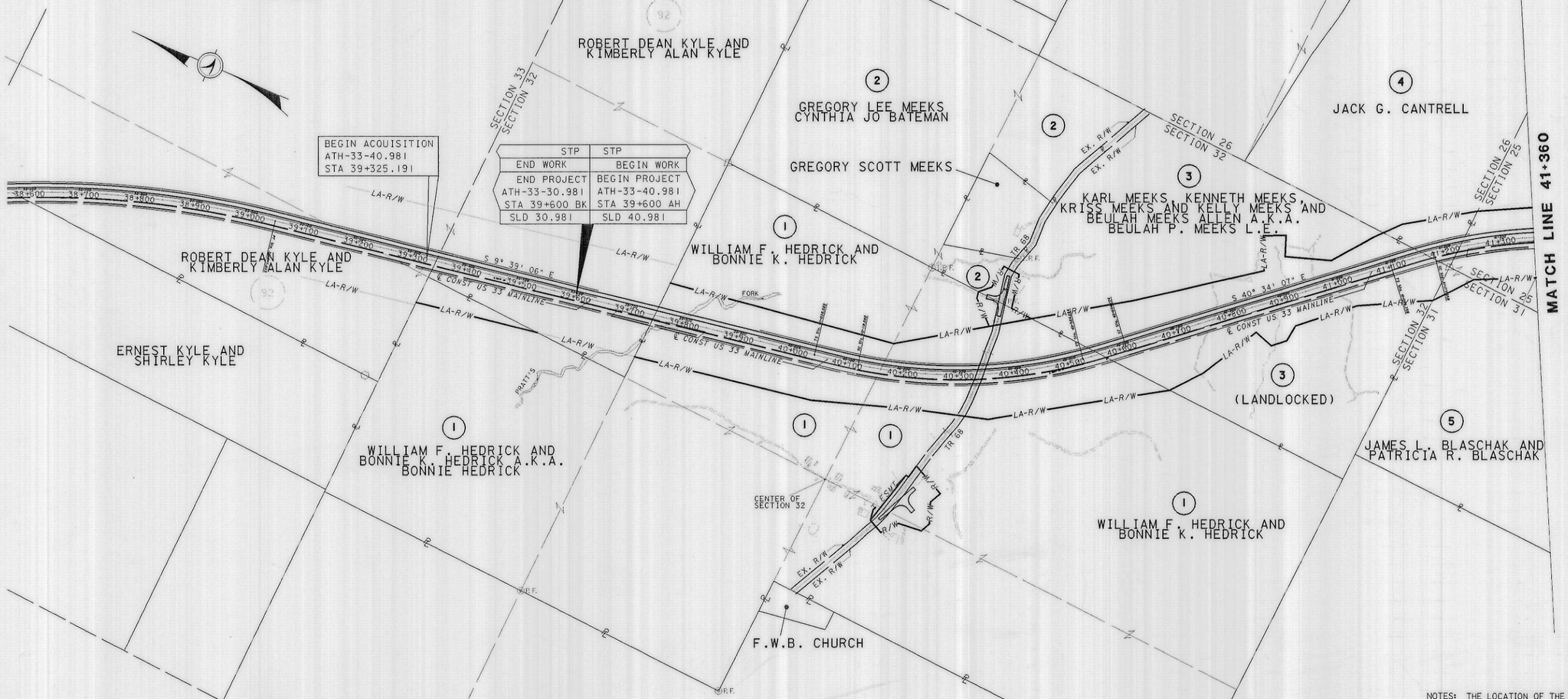
COLUMBIA GAS TRANSMISSION
301 MAPLE STREET
SUGAR GROVE, OHIO 43155
(740) 746-2279

COLUMBIA NATURAL RESOURCES, INC.
PO BOX 6070
CHARLESTON, WEST VIRGINIA 25362-6070
(740) 385-6877

TEXAS EASTERN TRANSMISSION CORP.
3096 STATE ROUTE 522
WHEELERSBURG, OHIO 45694
(740) 574-2058
(NASHVILLE)
(615) 872-5158

PETRO QUEST, INC.
PO BOX 268
3 WEST STIMSON AVE
ATHENS, OHIO 45701-0268
(740) 593-3800

STARR OIL & GAS
45421 EAGLE RIDGE ROAD
RACINE, OHIO 45771
(740) 992-2427



MONUMENT LEGEND

- EXISTING R/W MONUMENT BOX
- PROPOSED R/W MONUMENT BOX
- STONE FOUND
- PROPOSED CONCRETE MONUMENT
- RAILROAD SPIKE FOUND
- RAILROAD SPIKE SET
- I.P.F. IRON PIN FOUND
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- R.F. IRON PIPE FOUND
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- P.K.F. P.K. NAIL FOUND
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STRUCTURE KEY

- RESIDENTIAL
- COMMERCIAL
- OUT-BUILDING

NOTES: THE LOCATION OF THE UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE OBTAINED FROM THE OWNER OF THE UTILITIES AS REQUIRED BY SECTION 153.64 O.R.C.

REFERENCE POINT INFORMATION IS CONTAINED IN THE CONSTRUCTION PLAN.

AMENDED
Centerline Survey
SEC 25-26-31-32 & 33 Lodi Twp.
Darwin Project
ENV 510 B

200100009743
Filed for Record in
ATHENS COUNTY, OHIO
JULIA MICHAEL SCOTT
11-13-2001 02:58 pm.
AMD SM PLAT 21.60
ENV 510 B

RECEIVED 11-13, 2001
RECORDED 11-13, 2001
BOOK ENV PAGE 510B
Julia Michael Scott
COUNTY RECORDER

REV. BY	DATE	DESCRIPTION
MJW	11/08/01	REVISED OWNER INFO. PARCEL 2

DATE COMPLETED

HORIZONTAL SCALE IN METERS 0 160

PID NO. 18288

R/W DESIGNER MJW
R/W REVIEWER CHM

PROPERTY MAP

ATH-33-40.981

5/42

643/949

MJW 280900 4000

LODI TOWNSHIP
ATHENS COUNTY
SECTIONS 33,32, 31,26 AND 25
T.4 N.,R.13 W.
OHIO COMPANY PURCHASE

200100000746
Filed for Record in
ATHENS COUNTY, OHIO
JULIA MICHAEL SCOTT
02-06-2001 02:10 PM.
SMALL PLAT 21.60

ENV 510B

STATE OF OHIO DEPARTMENT OF TRANSPORTATION

metric units

CONVENTIONAL SIGNS

County Line
Township Line
Section Line
Corporation Line or
Fence Line (existing) (proposed)
Center Line
Trees, Stumps (to be removed)
Utility Poles: Telephone, Power, Light
Limited Access (only) LA
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Construction Limits Construction Limits

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MONUMENT LEGEND

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NOTES: THE LOCATION OF THE UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE OBTAINED FROM THE OWNER OF THE UTILITIES AS REQUIRED BY SECTION 153.64 O.R.C.

REFERENCE POINT INFORMATION IS CONTAINED IN THE CONSTRUCTION PLAN.

CENTERLINE SURVEY
SEC 25-26-31-32 & 33 LODI TWP
DARWIN PROJECT
ENV 510 B PG 5 of 20

RECEIVED 2-6, 2001
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BOOK PAGE
Julia Michael Scott
COUNTY RECORDER

REVISION	DATE	DESCRIPTION

DATE COMPLETED

HORIZONTAL SCALE IN METERS

PID NO. 18288

R/W DESIGNER MJW
R/W REVIEWER CHM

PROPERTY MAP

ATH-33-40.981

5 / 42

MJW 280900 4000

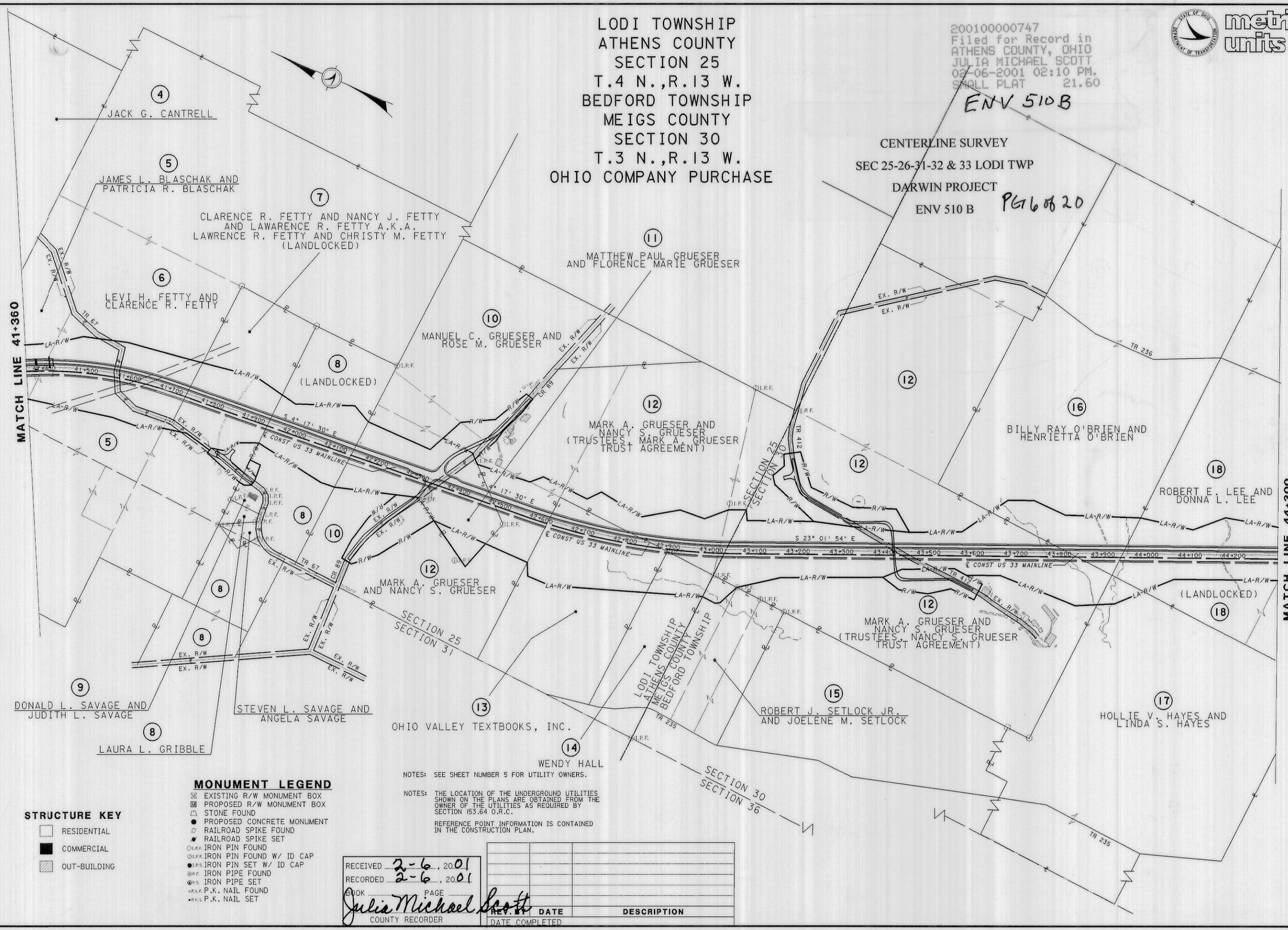
LODI TOWNSHIP
ATHENS COUNTY
SECTION 25
T.4 N.,R.13 W.
BEDFORD TOWNSHIP
MEIGS COUNTY
SECTION 30
T.3 N.,R.13 W.
OHIO COMPANY PURCHASE

200100000747
Filed for Record in
ATHENS COUNTY, OHIO
JULIA MICHAEL SCOTT
02-06-2001 02:10 PM.
SMALL PLAT 21.60

ENV 510B

CENTERLINE SURVEY
SEC 25-26-31-32 & 33 LODI TWP
DARWIN PROJECT
ENV 510 B

PG 6 of 20



STRUCTURE KEY

- RESIDENTIAL
- COMMERCIAL
- OUT-BUILDING

MONUMENT LEGEND

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- P.K.S. P.K. NAIL SET

NOTES: SEE SHEET NUMBER 5 FOR UTILITY OWNERS.

NOTES: THE LOCATION OF THE UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE OBTAINED FROM THE OWNER OF THE UTILITIES AS REQUIRED BY SECTION 153.64 O.R.C.

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RECEIVED 2-6, 2001
RECORDED 2-6, 2001
BOOK ____ PAGE ____
Julia Michael Scott
COUNTY RECORDER

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

metric units

HORIZONTAL SCALE IN METERS

PID NO. 18288

R/W DESIGNER MJW
R/W REVIEWER CHM

PROPERTY MAP

ATH-33-40.981

6 / 42

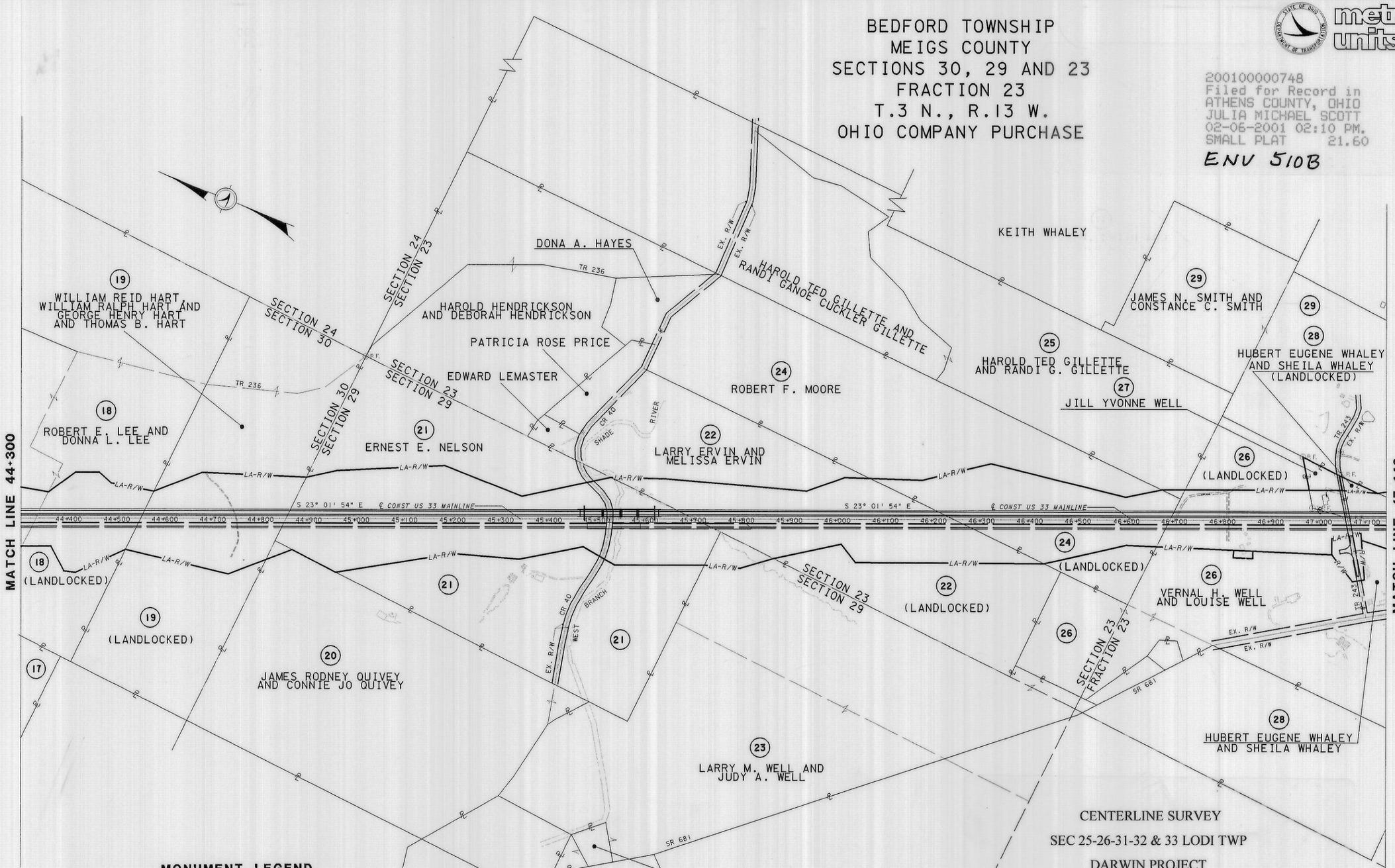
BEDFORD TOWNSHIP
MEIGS COUNTY
SECTIONS 30, 29 AND 23
FRACTION 23
T.3 N., R.13 W.
OHIO COMPANY PURCHASE

STATE OF OHIO DEPARTMENT OF TRANSPORTATION

metric units

200100000748
Filed for Record in
ATHENS COUNTY, OHIO
JULIA MICHAEL SCOTT
02-06-2001 02:10 PM.
SMALL PLAT 21.60

ENV 510B



CENTERLINE SURVEY
SEC 25-26-31-32 & 33 LODI TWP
DARWIN PROJECT
ENV 510 B PG 7 of 20

STRUCTURE KEY

- RESIDENTIAL
- COMMERCIAL
- OUT-BUILDING

MONUMENT LEGEND

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- PROPOSED R/W MONUMENT BOX
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RECEIVED 2-6, 2001
RECORDED 2-6, 2001
BOOK ____ PAGE ____
Julia Michael Scott
COUNTY RECORDER

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

HORIZONTAL SCALE IN METERS

PID NO. 18288

R/W DESIGNER
R/W REVIEWER

PROPERTY MAP

ATH-33-40.981

CENTERLINE SURVEY

SEC 25-26-31-32 & 33 LODI TWP

DARWIN PROJECT

ENV 510 B

PG 8 of 20

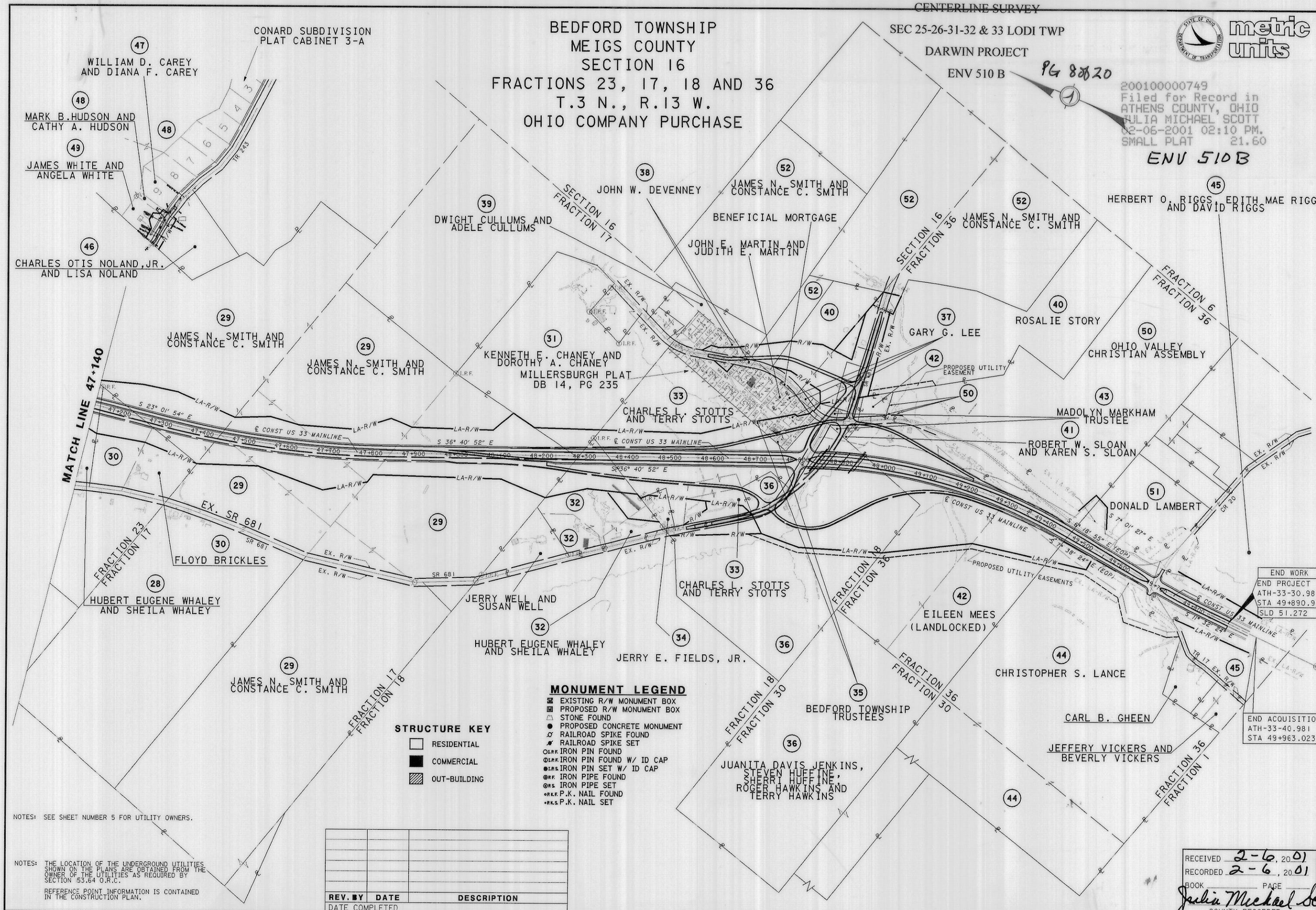
200100000749
Filed for Record in
ATHENS COUNTY, OHIO
JULIA MICHAEL SCOTT
02-06-2001 02:10 PM.
SMALL PLAT 21.60

ENV 510B

STATE OF OHIO DEPARTMENT OF TRANSPORTATION

metric units

BEDFORD TOWNSHIP
MEIGS COUNTY
SECTION 16
FRACTIONS 23, 17, 18 AND 36
T.3 N., R.13 W.
OHIO COMPANY PURCHASE



NOTES: SEE SHEET NUMBER 5 FOR UTILITY OWNERS.

NOTES: THE LOCATION OF THE UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE OBTAINED FROM THE OWNER OF THE UTILITIES AS REQUIRED BY SECTION 53.64 O.R.C.

REFERENCE POINT INFORMATION IS CONTAINED IN THE CONSTRUCTION PLAN.

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

RECEIVED 2-6, 2001
RECORDED 2-6, 2001
BOOK ____ PAGE ____
Julia Michael Scott
COUNTY RECORDER

HORIZONTAL SCALE IN METERS

PID NO. 18288

R/W DESIGNER MJW
R/W REVIEWER CHM

PROPERTY MAP

ATH-33-40.981

TOTAL NUMBER OF :
51 OWNERSHIPS 11 OWNERSHIPS WITH STRUCTURES INVOLVED
82 PARCELS 0 OWNERSHIPS WITH "P" ITEMS
9 TOTAL TAKES

NET RESIDUE = RECORD AREA - TOTAL PRO - NET TAKE

GRANTEE:
ALL RIGHT OF WAY ACQUIRED IN THE NAME OF THE STATE OF OHIO UNLESS OTHERWISE SHOWN.

metric units

PARCEL NO.	OWNER	SHEET NO.	OWNERS RECORD BOOK	OWNERS RECORD PAGE	AUDITOR'S PARCEL	RECORD AREA	TOTAL P.R.O.	GROSS TAKE	P.R.O. IN TAKE	NET TAKE	STRUCTURE	NET RESIDUE LEFT	NET RESIDUE RIGHT	TYPE FUND	REMARKS AND PERSONALTY	AS ACQUIRED BOOK	AS ACQUIRED PAGE
1WLR	WILLIAM F. HEDRICK AND	21	ORV 23	588	J010010033100	16.7945	0.0000	0.5494	0.0000	0.5494			16.2451	STATE	MINERAL RIGHTS RESERVED		
	BONNIE K. HEDRICK A.K.A. BONNIE HEDRICK					(41.500)	(0.000)	(1.358)	(0.000)	(1.358)			(40.142)				
		21-22	ORV 23	588	J010010033000	16.7945	0.0000	5.6519	0.0000	5.6519		7.5614	3.5813				
						(41.500)	(0.000)	(13.966)	(0.000)	(13.966)		(18.685)	(8.849)				
1WLR		22	ORV 23	586	J010010033200	5.4228	0.3946	2.4314	0.1060	2.3254		1.1909	1.3780		MINERAL RIGHTS RESERVED		
						(13.400)	(0.975)	(6.008)	(0.262)	(5.746)		(2.943)	(3.405)				
			ORV 20	909	J010010033300	45.0822	0.4014	3.5684	0.1072	3.4611			40.5640		MINERAL RIGHTS RESERVED (OIL WELL)		
						(111.400)	(0.992)	(8.818)	(0.265)	(8.553)			(100.235)				
					TOTAL	84.0940	0.7960	12.2011	0.2133	11.9878		8.7523	61.7684				
						(207.800)	(1.967)	(30.149)	(0.527)	(29.622)		(21.627)	(152.632)				
1WVR		22			J010010033200			0.1351	0.0777	0.0575					MINERAL RIGHTS RESERVED		
								(0.334)	(0.192)	(0.142)							
					J010010033000			0.6420	0.0777	0.5641					MINERAL RIGHTS RESERVED		
								(1.587)	(0.192)	(1.394)							
					TOTAL			0.7771	0.1554	0.6216							
								(1.920)	(0.384)	(1.536)							
1WVR-1		22			J010010033200			0.1541	0.0251	0.1291					MINERAL RIGHTS RESERVED		
								(0.381)	(0.062)	(0.319)							
					J010010033000			0.1139	0.0227	0.0915					MINERAL RIGHTS RESERVED		
								(0.282)	(0.056)	(0.226)							
					TOTAL			0.2680	0.0478	0.2206							
								(0.662)	(0.118)	(0.545)							
					GRAND TOTAL	84.0940	0.7960	13.2462	0.4164	12.8298		8.7523	61.7684				
						(207.800)	(1.967)	(32.732)	(1.029)	(31.703)		(21.627)	(152.632)				
1T		22			J010010033200			0.0388		0.0388					GRADING		
								(0.096)		(0.096)							
2WVR	HARRIET MEEKS A.K.A. HARRIET J. MEEKS	22	DB 386	91	J010010033401	4.4677	0.1975	0.1425	0.0381	0.1044		4.1658			MINERAL RIGHTS RESERVED		
			ORV 23	826		(11.040)	(0.488)	(0.352)	(0.094)	(0.258)		(10.294)					
			ORV 177	449		2.0275	0.0708			0.0000		1.9567					
						(5.010)	(0.175)			(0.000)		(4.835)					
					TOTAL	6.4952	0.2683	0.1425	0.0381	0.1044		6.1225					
						(16.050)	(0.663)	(0.352)	(0.094)	(0.258)		(15.129)					

200100000750
Filed for Record in
ATHENS COUNTY, OHIO
JULIA MICHAEL SCOTT
02-06-2001 02:10 PM.
SMALL PLAT 21.60

ENV 510B

CENTERLINE SURVEY
SEC 25-26-31-32 & 33 LODI TWP
DARWIN PROJECT
ENV 510 B

Pg 9 of 20

NOTE: UNLESS SPECIFIED OTHERWISE AREAS ARE STATED IN HECTARES WITH ENGLISH EQUIVALENTS IN (ACRES)

1 HECTARE = 2.471044 ACRES
1 METER = 3.280833 FEET

ANY DISCREPANCY BETWEEN METRIC AND ENGLISH UNITS, METRIC WILL TAKE PRECEDENCE.

* DENOTES CALCULATED AREA
** DENOTES PARCEL NUMBER NOT AVAILABLE FROM AUDITOR

NOTE: UNDER NO CIRCUMSTANCES ARE THE TEMPORARY EASEMENTS FOR THE PURPOSE OF THE REMOVAL OF THE BUILDING TO BE USED FOR STORAGE OF MATERIAL AND EQUIPMENT. UPON COMPLETION OF WORK IN THIS AREA, TEMPORARY EASEMENTS SHALL BE VACATED.

RECEIVED 2-6, 2001
RECORDED 2-6, 2001
BOOK PAGE
Julia Michael Scott
COUNTY RECORDER

REV. BY	DATE	DESCRIPTION
FIELD REVIEW BY		DATE:
OWNERSHIP VERIFIED BY		DATE:
DATE COMPLETED		

FEDERAL PROJECT NO. TE21
PID NO. 18288
STATE JOB NO. 50013
R/W DESIGNER MJW
R/W REVIEWER CHM

SUMMARY OF ADDITIONAL RIGHT OF WAY

ATH 33-40.98 (25.46)

MJW 010201 H

TOTAL NUMBER OF :

51 OWNERSHIPS
82 PARCELS
9 TOTAL TAKES
11 OWNERSHIPS WITH STRUCTURES INVOLVED
0 OWNERSHIPS WITH "P" ITEMS

NET RESIDUE = RECORD AREA - TOTAL PRO - NET TAKE

GRANTEE:
ALL RIGHT OF WAY ACQUIRED IN THE NAME OF THE STATE OF OHIO UNLESS OTHERWISE SHOWN.

metric units

PARCEL NO.	OWNER	SHEET NO.	OWNERS RECORD BOOK	OWNERS RECORD PAGE	AUDITOR'S PARCEL	RECORD AREA	TOTAL P.R.O.	GROSS TAKE	P.R.O. IN TAKE	NET TAKE	STRUCTURE	NET RESIDUE LEFT	NET RESIDUE RIGHT	TYPE FUND	REMARKS AND PERSONALTY	AS ACQUIRED BOOK	AS ACQUIRED PAGE
1WLR	WILLIAM F. HEDRICK AND	21	ORV 23	588	J010010033100	16.7945	0.0000	0.5494	0.0000	0.5494			16.2451	STATE	MINERAL RIGHTS RESERVED		
	BONNIE K. HEDRICK A.K.A. BONNIE HEDRICK					(41.500)	(0.000)	(1.358)	(0.000)	(1.358)			(40.142)				
		21-22	ORV 23	588	J010010033000	16.7945	0.0000	5.6519	0.0000	5.6519		7.5614	3.5813				
						(41.500)	(0.000)	(13.966)	(0.000)	(13.966)		(18.685)	(8.849)				
1WLR		22	ORV 23	586	J010010033200	5.4228	0.3946	2.4314	0.1060	2.3254		1.1909	1.3780		MINERAL RIGHTS RESERVED		
						(13.400)	(0.975)	(6.008)	(0.262)	(5.746)		(2.943)	(3.405)				
			ORV 20	909	J010010033300	45.0822	0.4014	3.5684	0.1072	3.4611			40.5640		MINERAL RIGHTS RESERVED (OIL WELL)		
						(111.400)	(0.992)	(8.818)	(0.265)	(8.553)			(100.235)				
					TOTAL	84.0940	0.7960	12.2011	0.2133	11.9878		8.7523	61.7684				
						(207.800)	(1.967)	(30.149)	(0.527)	(29.622)		(21.627)	(152.632)				
1WVR		22			J010010033200			0.1351	0.0777	0.0575					MINERAL RIGHTS RESERVED		
								(0.334)	(0.192)	(0.142)							
					J010010033300			0.6420	0.0777	0.5641					MINERAL RIGHTS RESERVED		
								(1.587)	(0.192)	(1.394)							
					TOTAL			0.7771	0.1554	0.6216							
								(1.920)	(0.384)	(1.536)							
1WVR-1		22			J010010033200			0.1541	0.0251	0.1291					MINERAL RIGHTS RESERVED		
								(0.381)	(0.062)	(0.319)							
					J010010033300			0.1139	0.0227	0.0915					MINERAL RIGHTS RESERVED		
								(0.282)	(0.056)	(0.226)							
					TOTAL			0.2680	0.0478	0.2206							
								(0.662)	(0.118)	(0.545)							
					GRAND TOTAL	84.0940	0.7960	13.2462	0.4164	12.8298		8.7523	61.7684				
						(207.800)	(1.967)	(32.732)	(1.029)	(31.703)		(21.627)	(152.632)				
1T		22			J010010033200			0.0388		0.0388					GRADING		
								(0.096)		(0.096)							
2WVR	GREGORY LEE MEEKS	22	ORV 303	760	J010010033401	4.4677	0.1975	0.1425	0.0381	0.1044		4.1658			MINERAL RIGHTS RESERVED		
	CYNTHIA JO BATEMAN		ORV 304	2183		(11.040)	(0.488)	(0.352)	(0.094)	(0.258)		(10.294)					
					J010010033500	16.7945	0.0000			0.0000		16.7945					
						(41.500)	(0.000)			(0.000)		(41.500)					
					J010010033600	3.0352	0.0000			0.0000		3.0352					
						(7.500)	(0.000)			(0.000)		(7.500)					
					TOTAL	21.2623	0.1975	0.1425	0.0381	0.1044		20.9604					
						(52.540)	(0.488)	(0.352)	(0.094)	(0.258)		(51.794)					
														STATE			

AMENDED
Centerline Survey
SEC 25-26-31-32 & 33 Lodi Twp.
Darwin Project
ENV 510 B

200100009744
Filed for Record in
ATHENS COUNTY, OHIO
JULIA MICHAEL SCOTT
11-13-2001 02:58 PM.
AMD SM PLAT 21.60

ENV 510 B

NOTE: UNLESS SPECIFIED OTHERWISE AREAS ARE STATED IN HECTARES WITH ENGLISH EQUIVALENTS IN (ACRES)

1 HECTARE = 2.471044 ACRES
1 METER = 3.280833 FEET

ANY DISCREPANCY BETWEEN METRIC AND ENGLISH UNITS, METRIC WILL TAKE PRECEDENCE.

* DENOTES CALCULATED AREA
** DENOTES PARCEL NUMBER NOT AVAILABLE FROM AUDITOR

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RECEIVED 11-13, 2001
RECORDED 11-13, 2001
~~BOOK~~ ENV PAGE 510B
Julia Michael Scott
COUNTY RECORDER

REV. BY	DATE	DESCRIPTION
MJW	11/08/01	REVISED OWNER INFO. PARCEL 2

FIELD REVIEW BY DATE:
OWNERSHIP VERIFIED BY DATE:
DATE COMPLETED

FEDERAL PROJECT NO. TE21
PID NO. 18288
STATE JOB NO. 50013
R/W DESIGNER MJW
R/W REVIEWER CHM

SUMMARY OF ADDITIONAL RIGHT OF WAY

ATH 33-40.981(25.46)

9/42

647/649

MJW 010201

NET RESIDUE = RECORD AREA - TOTAL PRO - NET TAKE

GRANTEE:
ALL RIGHT OF WAY ACQUIRED IN THE NAME OF THE STATE OF OHIO UNLESS OTHERWISE SHOWN.

metric units

PARCEL NO.	OWNER	SHEET NO.	OWNERS RECORD BOOK	OWNERS RECORD PAGE	AUDITOR'S PARCEL	RECORD AREA	TOTAL P.R.O.	GROSS TAKE	P.R.O. IN TAKE	NET TAKE	STRUCTURE	NET RESIDUE LEFT	NET RESIDUE RIGHT	TYPE FUND	REMARKS AND PERSONALTY	AS ACQUIRED BOOK	AS ACQUIRED PAGE
3WLR	KARL MEEKS, KENNETH MEEKS,	22-23	ORV 137	991	J010010033400	27.0938	0.2683	8.2269	0.0000	8.2269			7.3440	STATE	MINERAL RIGHTS RESERVED		
	KRISS MEEKS AND KELLY MEEKS AND					(66.950)	(0.663)	(20.329)	(0.000)	(20.329)			(18.147)				
	BEULAH MEEKS ALLEN A.K.A.																
3WVR	BEULAH P. MEEKS L.E.	22						0.1185	0.0380	0.0804		19.0548			MINERAL RIGHTS RESERVED		
								(0.293)	(0.094)	(0.199)		(47.085)					
					TOTAL	27.0938	0.2683	8.3454	0.0380	8.3073		19.0548	7.3440				
						(66.950)	(0.663)	(20.622)	(0.094)	(20.528)		(47.085)	(18.147)				
3E		22,23,40						7.3440	0.0000	7.3440					LANDLOCKED (RIGHT OF ℄)		
								(18.147)	(0.000)	(18.147)							
4WLR	JACK G. CANTRELL	23	ORV 211	807	J010010033701	33.0387	0.9476	0.8113	0.0000	0.8113		31.2798			MINERAL RIGHTS RESERVED		
						(81.640)	(2.342)	(2.005)	(0.000)	(2.005)		(77.294)					
5WLR	JAMES L. BLASCHAK AND	23-24	DB 348	587	J010010030600	15.2203	0.0000	0.1633	0.0000	0.1633			15.0570		MINERAL RIGHTS RESERVED		
	PATRICIA R. BLASCHAK					(37.610)	(0.000)	(0.403)	(0.000)	(0.403)			(37.207)				
			DB 348	587	J010010030700	4.7713	0.1115	5.4679	0.0000	5.4679		0.3382	0.2619				
						(11.790)	(0.276)	(13.511)	(0.000)	(13.511)		(0.836)	(0.647)				
					TOTAL	19.9916	0.1115	5.6311	0.0000	5.6311							
						(49.400)	(0.276)	(13.915)	(0.000)	(13.915)							
5WVR		24	DB 348	587	J010010030400	8.6401	0.3344	0.1475	0.0589	0.0886	Y	0.3382	7.8788		BARN ENCROACHES IN EXISTING R/W		
						(21.350)	(0.826)	(0.365)	(0.146)	(0.219)		(0.836)	(19.469)		MINERAL RIGHTS RESERVED		
					GRAND TOTAL	28.6316	0.4459	5.7787	0.0589	5.7198		0.6765	23.1977				
						(70.750)	(1.102)	(14.279)	(0.146)	(14.134)		(1.672)	(57.323)				
5T		24			J010010030400			0.0308		0.0308					REMOVE STRUCTURE		
								(0.076)		(0.076)							
6WLR	LEVI H. FETTY AND CLARENCE R. FETTY	24	DB 355	7	J010010030800	12.3268	0.1763	2.3637	0.1720	2.1917		9.9588			MINERAL RIGHTS RESERVED		
						(30.460)	(0.436)	(5.841)	(0.425)	(5.416)		(24.609)					
7WLR	CLARENCE R. FETTY AND NANCY J. FETTY AND	24	ORV 296	923	J010010030300	7.1670	0.1115	3.2922	0.0349	3.2573					MINERAL RIGHTS RESERVED		
	LAWARENCE R. FETTY A.K.A.				*	(17.710)	(0.276)	(8.135)	(0.086)	(8.049)							
	LAWRENCE R. FETTY AND CHRISTY M. FETTY																
7WVR		24						0.3852	0.0583	0.3269		3.4713			MINERAL RIGHTS RESERVED		
								(0.952)	(0.144)	(0.808)		(8.578)					
					TOTAL	7.1670	0.1115	3.6774	0.0932	3.5842		3.4713					
						(17.710)	(0.276)	(9.087)	(0.230)	(8.857)		(8.578)					
7E		24,40						3.4713	0.0000	3.4713					LANDLOCKED (LEFT OF ℄)		
								(8.578)	(0.000)	(8.578)				STATE			

200100000751
Filed for Record in
ATHENS COUNTY, OHIO
JULIA MICHAEL SCOTT
02-06-2001 02:10 PM.
SMALL PLAT 21.60

ENV 510B

CENTERLINE SURVEY
SEC 25-26-31-32 & 33 LODI TWP
DARWIN PROJECT
ENV 510 B

Pg 10 of 20

NOTE: UNLESS SPECIFIED OTHERWISE AREAS ARE STATED IN HECTARES WITH ENGLISH EQUIVALENTS IN (ACRES)

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FEDERAL PROJECT NO. TE21
PID NO. 18288
STATE JOB NO. 50013
R/W DESIGNER MJW
R/W REVIEWER CHM

SUMMARY OF ADDITIONAL RIGHT OF WAY

ATH 33-40.98 (25.46)

MJW 010201

NET RESIDUE = RECORD AREA - TOTAL PRO - NET TAKE

GRANTEE:
ALL RIGHT OF WAY ACQUIRED IN THE NAME OF THE STATE OF OHIO UNLESS OTHERWISE SHOWN.

metric units

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8WLR	LAURA L. GRIBBLE	24-25	ORV 286	850	J010010030100	9.5223	0.1486	3.1491	0.0000	3.1491		3.1720	3.0195	STATE	MINERAL RIGHTS RESERVED		
			ORV 235	751		(23.530)	(0.367)	(7.782)	(0.000)	(7.781)		(7.838)	(7.461)				
8WVR		24						0.0516	0.0185	0.0331					MINERAL RIGHTS RESERVED		
								(0.128)	(0.046)	(0.082)							
					TOTAL	9.5223	0.1486	3.2007	0.0185	3.1822		3.1720	3.0195				
						(23.530)	(0.367)	(7.909)	(0.046)	(7.863)		(7.838)	(7.461)				
8E		24,25,40						3.1720	0.0000	3.1720					LANDLOCKED (LEFT OF ℄)		
								(7.838)	(0.000)	(7.838)							
8T		24			J010010030000	8.0654	0.1858	0.0653		0.0653					GRADING		
						(19.930)	(0.459)	(0.161)		(0.161)							
9WVR	DONALD L. SAVAGE AND JUDITH L. SAVAGE	24	DB 334	319	J010010030200	0.4067	0.0177	0.0410	0.0177	0.0233			0.3657				
						(1.005)	(0.044)	(0.101)	(0.044)	(0.058)			(0.904)		MINERAL RIGHTS RESERVED		
10WLR	MANUEL C. GRUESER AND ROSE M. GRUESER	25	ORV 162	90	J010010029702	8.3285	0.2694	3.1666	0.0994	3.0672		1.4944	2.7685		OIL WELL		
						(20.580)	(0.666)	(7.825)	(0.246)	(7.579)		(3.693)	(6.841)		MINERAL RIGHTS RESERVED		
10WVR		25						0.5295	0.1336	0.3959					MINERAL RIGHTS RESERVED		
								(1.309)	(0.330)	(0.978)							
10WVR-1		25						0.7918	0.1136	0.6782					MINERAL RIGHTS RESERVED		
								(1.957)	(0.281)	(1.676)							
					TOTAL			1.3214	0.2472	1.0741							
								(3.265)	(0.611)	(2.654)							
			DB 360	609	J010010029500	11.8411	0.0260	0.2626	0.0317	0.2310		11.5842			CENTERLINE SURVEY		
						(29.260)	(0.064)	(0.649)	(0.078)	(0.571)		(28.625)					
					GRAND TOTAL	20.1696	0.2954	4.7506	0.3783	4.3723		13.0786	2.7685		SEC 25-26-31-32 & 33 LODI TWP		
						(49.840)	(0.730)	(11.739)	(0.935)	(10.804)		(32.318)	(6.841)		DARWIN PROJECT		
															ENV 510 B Pg 11 of 20		
11WLR	MATTHEW PAUL GRUESER AND FLORENCE MARIE GRUESER	25	ORV 128	819	J010010029701	2.5010	0.0985	2.0725	0.0964	1.9761	Y				TOTAL TAKE		
						(6.180)	(0.243)	(5.121)	(0.238)	(4.883)					MINERAL RIGHTS RESERVED		
11WDR		25						0.4343	0.0000	0.4344					MINERAL RIGHTS RESERVED		
								(1.073)	(0.000)	(1.073)							
					TOTAL	2.5010	0.0985	2.5069	0.0964	2.4105							
						(6.180)	(0.243)	(6.195)	(0.238)	(5.956)				STATE			

200100000752
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ATHENS COUNTY, OHIO
JULIA MICHAEL SCOTT
02-06-2001 02:10 PM.
SMALL PLAT 21.60

ENV 510B

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FEDERAL PROJECT NO. TE21

PID NO. 18288

STATE JOB NO. 50013

R/W DESIGNER MJW
R/W REVIEWER CHM

SUMMARY OF ADDITIONAL RIGHT OF WAY

ATH 33-40.981(25.46)

MJW 010201 B1

NET RESIDUE = RECORD AREA - TOTAL PRO - NET TAKE

GRANTEE:
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metric units

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12WLR	MARK A. GRUESER AND NANCY S. GRUESER	25-26	ORV 222	773	J010010029700	13.1766	0.4180	2.3590	0.0000	2.3590		4.2863	4.4524	STATE	MINERAL RIGHTS RESERVED		
	(TRUSTEES, MARK A. GRUESER					(32.560)	(1.033)	(5.829)	(0.000)	(5.829)		(10.592)	(11.002)				
	TRUST AGREEMENT)				J010010029600	13.4154	0.0000	2.6341	0.0000	2.6341		10.7813					
						(33.150)	(0.000)	(6.509)	(0.000)	(6.509)		(26.641)					
			ORV 222	771	J010010029601	2.2339	0.0074	0.3068	0.0000	0.3068		1.9197					
						(5.520)	(0.018)	(0.758)	(0.000)	(0.758)		(4.744)					
					TOTAL	28.8259	0.4254	5.2999	0.0000	5.2999		16.9873	4.4524				
						(71.230)	(1.051)	(13.096)	(0.000)	(13.096)		(41.976)	(11.002)				
12WVR		25			J010010029700			1.0910	0.1342	0.9568					MINERAL RIGHTS RESERVED		
								(2.696)	(0.332)	(2.364)							
12WVR-1		25			J010010029700			0.1576	0.1146	0.0430					MINERAL RIGHTS RESERVED		
								(0.389)	(0.283)	(0.106)							
					TOTAL	28.8259	0.4254	6.5485	0.2487	6.2997		16.9873	4.4524				
					(ATHENS CO.)	(71.230)	(1.051)	(16.182)	(0.615)	(15.567)		(41.976)	(11.002)				
12WLR	MARK A. GRUESER AND NANCY S. GRUESER	26-27	OR 34	583	01-00293-000	33.5890	0.6273	10.1353	0.1785	9.9568		6.4503	13.4964		OIL WELL		
	(TRUSTEES, NANCY S. GRUESER					(83.000)	(1.550)	(25.045)	(0.441)	(24.604)		(15.939)	(33.350)		MINERAL RIGHTS RESERVED		
	TRUST AGREEMENT)																
12WVR-2		26-27						1.8831	0.2201	1.6630					MINERAL RIGHTS RESERVED		
								(4.653)	(0.544)	(4.109)							
12WVR-3		27						0.9967	0.1081	0.8886					MINERAL RIGHTS RESERVED		
								(2.463)	(0.267)	(2.196)							
					TOTAL	33.5890	0.6273	13.0151	0.5067	12.5084		0.0000	0.0000				
						(83.000)	(1.550)	(32.161)	(1.252)	(30.909)		0.000	0.000				
					TOTAL	33.5890	0.6273	13.0151	0.5067	12.5084		6.4503	13.4964				
					(MEIGS CO.)	(83.000)	(1.550)	(32.161)	(1.252)	(30.909)		(15.939)	(33.350)		CENTERLINE SURVEY		
					GRAND TOTAL	62.4149	1.0527	19.5635	0.7554	18.8081		23.4376	17.9488		SEC 25-26-31-32 & 33 LODI TWP		
						(154.230)	(2.601)	(48.342)	(1.867)	(46.476)		(57.915)	(44.352)		DARWIN PROJECT		
															ENV 510 B Pg 12 of 20		
13WLR	OHIO VALLEY TEXTBOOKS, INC.	25-26	ORV 293	794	J010010031700	11.0491	0.0465	4.3761	0.0000	4.3761			6.6265		MINERAL RIGHTS RESERVED		
						(27.303)	(0.115)	(10.814)	(0.000)	(10.814)			(16.374)				
14WLR	WENDY HALL A.K.A. WENDY FRANCIS HALL	26	ORV 106	213	J010010031701	4.4637	0.0790	0.9565	0.0000	0.9565			3.4282		MINERAL RIGHTS RESERVED		
						(11.030)	(0.195)	(2.364)	(0.000)	(2.364)			(8.471)				
15WLR	ROBERT J. SETLOCK, JR.	26	DB 336	593	01-00510-003	2.0651	0.0372	0.2748	0.0000	0.2748			1.7532		MINERAL RIGHTS RESERVED		
	AND JOELENE M. SETLOCK					(5.103)	(0.092)	(0.679)	(0.000)	(0.679)			(4.332)				
16WLR	BILLY RAY O'BRIEN AND	27	DB 258	183	01-00556-000	20.7119	0.2804	2.6355	0.0000	2.6355		17.7959		STATE	MINERAL RIGHTS RESERVED		
	HENRIETTA O'BRIEN					(51.180)	(0.693)	(6.513)	(0.000)	(6.512)		(43.975)					

200100000753
Filed for Record in
ATHENS COUNTY, OHIO
JULIA MICHAEL SCOTT
02-06-2001 02:10 PM.
SMALL PLAT 21.60
ENV 510B

NOTE: UNLESS SPECIFIED OTHERWISE AREAS ARE STATED IN HECTARES WITH ENGLISH EQUIVALENTS IN (ACRES)

1 HECTARE = 2.471044 ACRES
1 METER = 3.280833 FEET

ANY DISCREPANCY BETWEEN METRIC AND ENGLISH UNITS, METRIC WILL TAKE PRECEDENCE.

* DENOTES CACULATED AREA
** DENOTES PARCEL NUMBER NOT AVAILABLE FROM AUDITOR

NOTE: UNDER NO CIRCUMSTANCES ARE THE TEMPORARY EASEMENTS FOR THE PURPOSE OF THE REMOVAL OF THE BUILDING TO BE USED FOR STORAGE OF MATERIAL AND EQUIPMENT. UPON COMPLETION OF WORK IN THIS AREA, TEMPORARY EASEMENTS SHALL BE VACATED.

RECEIVED 2-6, 2001
RECORDED 2-6, 2001
BOOK ____ PAGE ____
Julia Michael Scott
COUNTY RECORDER

REV. BY	DATE	DESCRIPTION
FIELD REVIEW BY		DATE:
OWNERSHIP VERIFIED BY		DATE:
DATE COMPLETED		

FEDERAL PROJECT NO. TE21
PID NO. 18288
STATE JOB NO. 50013
P/W DESIGNER MJW
P/W REVIEWER CHM

SUMMARY OF ADDITIONAL RIGHT OF WAY

ATH 33-40.98 (25.46)

MJW 010201

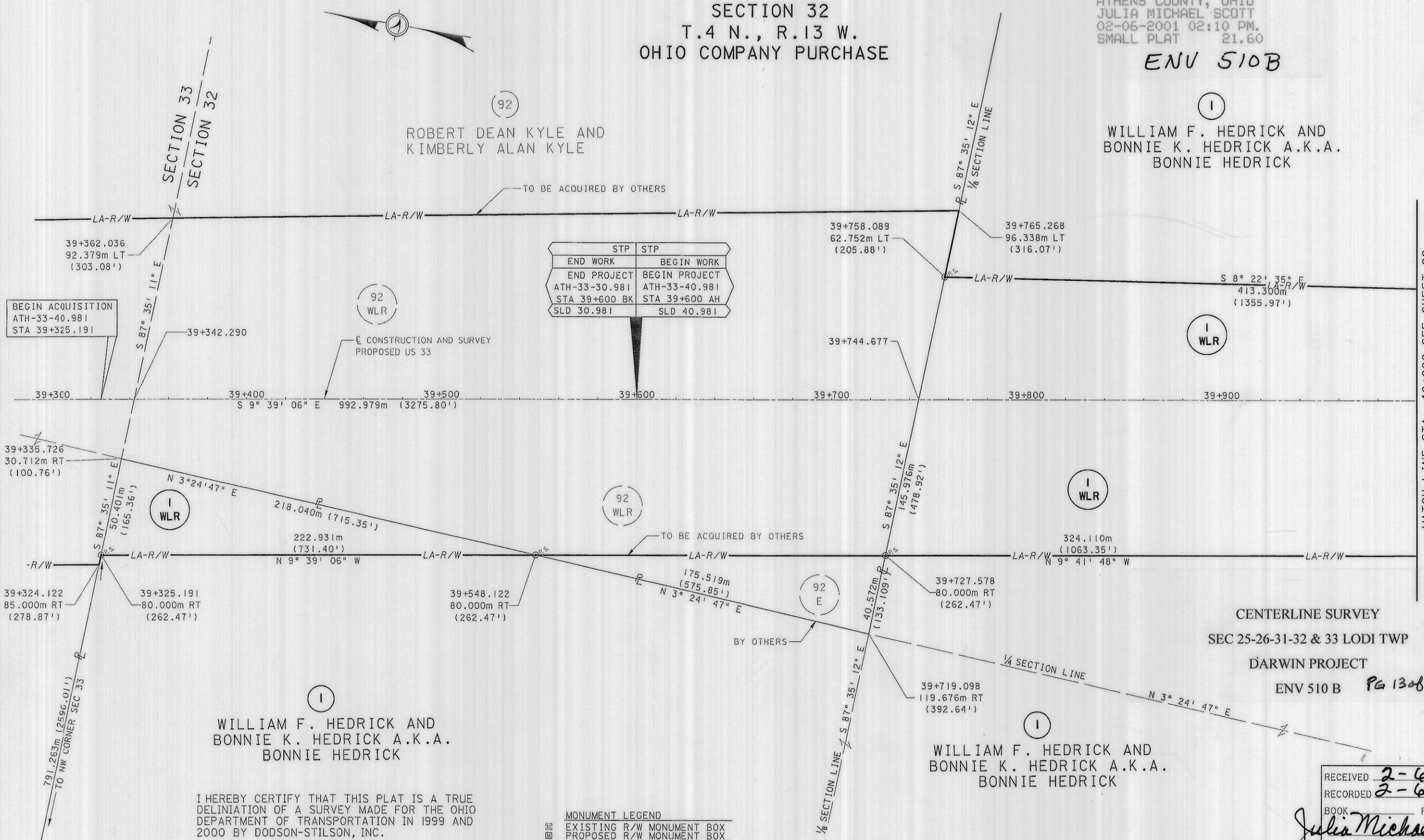
LODI TOWNSHIP
ATHENS COUNTY
SECTION 32
T.4 N., R.13 W.
OHIO COMPANY PURCHASE

200100000754
Filed for Record in
ATHENS COUNTY, OHIO
JULIA MICHAEL SCOTT
02-06-2001 02:10 PM.
SMALL PLAT 21.60

ENV 510B

metric units

SCALE IN METERS



I
WILLIAM F. HEDRICK AND
BONNIE K. HEDRICK A.K.A.
BONNIE HEDRICK

I
WILLIAM F. HEDRICK AND
BONNIE K. HEDRICK A.K.A.
BONNIE HEDRICK

I
WILLIAM F. HEDRICK AND
BONNIE K. HEDRICK A.K.A.
BONNIE HEDRICK

CENTERLINE SURVEY
SEC 25-26-31-32 & 33 LODI TWP
DARWIN PROJECT
ENV 510 B PG 13 of 20

I HEREBY CERTIFY THAT THIS PLAT IS A TRUE DELINIATION OF A SURVEY MADE FOR THE OHIO DEPARTMENT OF TRANSPORTATION IN 1999 AND 2000 BY DODSON-STILSON, INC.

THE ESTABLISHMENT OF THE PROPERTY LINES AND EXISTING RIGHT OF WAY LINES SHOWN ON THIS PLAN AS OF THIS DATE WERE PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION.

BY Charles H. Murphy
CHARLES H. MURPHY, P.S.
SURVEYOR NO. 6950 DATE 2-2-01

STATE OF OHIO
CHARLES H. MURPHY
6950
REGISTERED
SURVEYOR

MONUMENT LEGEND

- EXISTING R/W MONUMENT BOX
- PROPOSED R/W MONUMENT BOX
- PROPOSED CONCRETE MONUMENT
- RAILROAD SPIKE FOUND
- RAILROAD SPIKE SET
- I.R.F. IRON PIN FOUND
- I.R.F. IRON PIN FOUND W/ ID CAP
- I.R.S. IRON PIN SET W/ ID CAP
- R.F. IRON PIPE FOUND
- R.S. IRON PIPE SET
- P.K.F. P.K. NAIL FOUND
- P.K.S. P.K. NAIL SET
- STONE FOUND

NOTE: R.S. DENOTES ¾" x 30" LONG IRON PIPE SET WITH CENTER PUNCHED ALUMINUM CAP STAMPED 'ODOT R/W - S6950'

I

THE PROPERTY OWNER RETAINS THE RIGHT OF INGRESS AND EGRESS UNDER THE STRUCTURE OVER PRATT'S FORK CREEK, ACCESS LIMITED BETWEEN STATIONS 39+800 TO 39+900 AND SUBJECT TO A PERMIT FROM THE OHIO DEPARTMENT OF TRANSPORTATION.

RECEIVED 2-6, 2001
RECORDED 2-6, 2001
BOOK PAGE
Julia Michael Scott
COUNTY RECORDER

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

PID NO. 18288

R/W DESIGNER MJW
R/W REVIEWER CHM

RIGHT OF WAY PLAN
STA. 39+326.441 TO STA. 40+000

ATH-33-40.981 (25.46)

21P/42

MJW 010201h:000

200100000755
Filed for Record in
ATHENS COUNTY, OHIO
JULIA MICHAEL SCOTT
02-06-2001 02:10 PM.
SMALL PLAT 21,

ENV 510B

LODI TOWNSHIP
ATHENS COUNTY
SECTION 32
T.4 N., R.13 W.
OHIO COMPANY PURCHASE

STATE OF OHIO DEPARTMENT OF TRANSPORTATION

metric units

NOTE: ⊙P.K.S. DENOTES ¾" x 30" LONG IRON PIPE SET WITH CENTER PUNCHED ALUMINUM CAP STAMPED 'ODOT R/W - S6950'

MONUMENT LEGEND
- EXISTING R/W MONUMENT BOX
- PROPOSED R/W MONUMENT BOX
- PROPOSED CONCRETE MONUMENT
- RAILROAD SPIKE FOUND
- RAILROAD SPIKE SET
- I.R.F. IRON PIN FOUND
- I.R.F. IRON PIN FOUND W/ ID CAP
- I.R.S. IRON PIN SET W/ ID CAP
- I.P.F. IRON PIPE FOUND
- I.P.S. IRON PIPE SET
- P.K.F. P.K. NAIL FOUND
- P.K.S. P.K. NAIL SET
- STONE FOUND

SCALE IN METERS 0 20 40

CURVE DATA CR 68
P.I. Sta. = 2+081.405
Δ = 19° 10' 22" (RT)
R = 50.000 m
T = 8.445 m
L = 16.731 m
E = 0.708 m

MATCH LINE STA 40+000 SEE SHEET 21

MATCH LINE STA 40+700 SEE SHEET 23

WILLIAM F. HEDRICK AND BONNIE K. HEDRICK A.K.A. BONNIE HEDRICK

HARRIET MEEKS A.K.A. HARRIET J. MEEKS

KARL MEEKS, KENNETH MEEKS, KRIS MEEKS, AND KELLY MEEKS AND BEULAH MEEKS ALLEN A.K.A. BEULAH P. MEEKS, L.E.

WILLIAM F. HEDRICK AND BONNIE K. HEDRICK A.K.A. BONNIE HEDRICK

WILLIAM F. HEDRICK AND BONNIE K. HEDRICK A.K.A. BONNIE HEDRICK

CURVE DATA NO. 9 US 33 MAINLINE
P.I. Sta. = 40+327.551
Δ = 30° 55' 01" (LT)
R = 900.000 m (2952.75')
Ls = 80.000 m (262.47')
θ = 2° 32' 47"
LT = 53.339 m (175.00')
ST = 26.672 m (87.52')
x = 79.984 m (262.41')
y = 1.185 m (3.89')
K = 39.997 m (131.22')
p = 0.296 m (0.97')
Dc = 25° 49' 26" (LT)
Lc = 405.643 m (1330.85')
Ts = 288.969 m (984.06')
Es = 34.088 m (111.84')
Emax = 0.061

No.	DIRECTION	METRIC	ENGLISH	No.	DIRECTION	METRIC	ENGLISH
1	N 42°43'30" E	55.104m	(180.79')	15	S 25°24'43" W	58.361m	(191.47')
2	N 80°03'37" E	12.065m	(39.58')	16	N 63°59'36" W	22.834m	(74.92')
3	S 42°12'44" E	25.350m	(83.17')	17	S 69°26'54" W	39.217m	(128.67')
4	S 83°14'46" E	42.966m	(140.96')	18	N 64°35'19" W	18.854m	(61.86')
5	S 04°31'39" W	14.769m	(48.45')	19	N 05°28'27" W	42.819m	(140.48')
6	S 04°31'39" W	15.984m	(52.44')	20	N 50°18'14" W	35.708m	(117.15')
7	S 78°47'13" W	62.675m	(205.63')	21	N 25°59'06" E	19.523m	(64.05')
8	S 03°36'36" W	39.810m	(130.61')	22	N 25°59'06" E	9.330m	(30.61')
9	S 33°41'16" E	62.693m	(205.68')	23	S 74°42'48" E	102.250m	(335.47')
10	S 33°41'16" E	14.033m	(46.04')	24	S 13°05'48" W	5.076m	(16.65')
11	S 03°36'36" W	46.659m	(153.08')	25	S 76°54'14" E	24.057m	(78.93')
12	S 03°36'36" W	20.147m	(66.10')	26	S 25°24'43" W	6.240m	(20.47')
13	N 79°18'11" E	51.134m	(167.76')	27	N 81°55'57" E	19.140m	(62.79')
14	S 82°30'22" E	11.323m	(37.15')	28	S 69°35'36" E	85.018m	(278.93')

CENTERLINE SURVEY
SEC 25-26-31-32 & 33 LODI TWP
DARWIN PROJECT
ENV 510 B Pg 14 of 20

STATE OF OHIO CHARLES H. MURPHY REGISTERED SURVEYOR NO. S-6950

I HEREBY CERTIFY THAT THIS PLAT IS A TRUE DELINIATION OF A SURVEY MADE FOR THE OHIO DEPARTMENT OF TRANSPORTATION IN 1999 AND 2000 BY DODSON-STILSON, INC.

THE ESTABLISHMENT OF THE PROPERTY LINES AND EXISTING RIGHT OF WAY LINES SHOWN ON THIS PLAN AS OF THIS DATE WERE PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION.

BY Charles H. Murphy
CHARLES H. MURPHY, P.S.
SURVEYOR NO. 6950 DATE 2-2-01

RECEIVED 2-6, 2001
RECORDED 2-6, 2001
BOOK PAGE
Julia Michael Scott
COUNTY RECORDER

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

R/W DESIGNER MJW
R/W REVIEWER CHM

PID NO. 18288

RIGHT OF WAY PLAN
STA. 40+000 TO STA. 40+700

ATH-33-40.981 (25.46)

22P/42

MJW 010201H1000

AMENDED
Centerline Survey
SEC 25-26-31-32 & 33 Lodi Twp.
Darwin Project
ENV 510 B

LODI TOWNSHIP
ATHENS COUNTY
SECTION 32
T.4 N., R.13 W.
OHIO COMPANY PURCHASE

metric units

SCALE IN METERS

NOTE: ⊙P.S. DENOTES ¾" x 30" LONG IRON PIPE SET WITH CENTER PUNCHED ALUMINUM CAP STAMPED 'ODOT R/W - S6950'

MONUMENT LEGEND
- EXISTING R/W MONUMENT BOX
- PROPOSED R/W MONUMENT BOX
- PROPOSED CONCRETE MONUMENT
- RAILROAD SPIKE FOUND
- RAILROAD SPIKE SET
- I.R.F. IRON PIN FOUND
- I.R.F. IRON PIN FOUND W/ ID CAP
- I.R.S. IRON PIN SET W/ ID CAP
- P.F. IRON PIPE FOUND
- P.S. IRON PIPE SET
- P.K.F. P.K. NAIL FOUND
- P.K.S. P.K. NAIL SET
- STONE FOUND

CURVE DATA CR 68
P.I. Sta. = 2+081.405
Δ = 19° 10' 22" (RT)
R = 50.000 m
T = 8.445 m
L = 16.731 m
E = 0.708 m

CURVE DATA NO. 9 US 33 MAINLINE
P.I. Sta. = 40+327.551
Δ = 30° 55' 01" (LT)
R = 900.000 m (2952.75')
Ls = 80.000 m (262.47')
θ = 2° 32' 47"
LT = 53.339 m (175.00')
ST = 26.672 m (87.52')
x = 79.984 m (262.41')
y = 1.185 m (3.89')
K = 39.997 m (131.22')
p = 0.296 m (0.97')
Dc = 25° 49' 26" (LT)
Lc = 405.643 m (1330.85')
Ts = 288.969 m (984.06')
Es = 34.088 m (111.84')
Emax = 0.061

GREGORY SCOTT MEEKS

GREGORY LEE MEEKS
CYNTHIA JO BATEMAN

KARL MEEKS, KENNETH MEEKS, KRIS MEEKS, AND KELLY MEEKS AND BEULAH MEEKS ALLEN A.K.A. BEULAH P. MEEKS, L.E.

WILLIAM F. HEDRICK AND BONNIE K. HEDRICK A.K.A. BONNIE HEDRICK

MATCH LINE STA 40+000 SEE SHEET 21

MATCH LINE STA 40+700 SEE SHEET 23

CONSTRUCTION AND SURVEY PROPOSED US33

No.	DIRECTION	METRIC	ENGLISH	No.	DIRECTION	METRIC	ENGLISH
1	N 42°43'30" E	55.104m	(180.79')	15	S 25°24'43" W	58.361m	(191.47')
2	N 80°03'37" E	12.065m	(39.58')	16	N 63°59'36" W	22.834m	(74.92')
3	S 42°12'44" E	25.350m	(83.17')	17	S 69°26'54" W	39.217m	(128.67')
4	S 83°14'46" E	42.966m	(140.96')	18	N 64°35'19" W	18.854m	(61.86')
5	S 04°31'39" W	14.769m	(48.45')	19	N 05°28'27" W	42.819m	(140.48')
6	S 04°31'39" W	15.984m	(52.44')	20	N 50°18'14" W	35.708m	(117.15')
7	S 78°47'13" W	62.675m	(205.63')	21	N 25°59'06" E	19.523m	(64.05')
8	S 03°36'36" W	39.810m	(130.61')	22	N 25°59'06" E	9.330m	(30.61')
9	S 33°41'16" E	62.693m	(205.68')	23	S 74°42'48" E	102.250m	(335.47')
10	S 33°41'16" E	14.033m	(46.04')	24	S 13°05'48" W	5.076m	(16.65')
11	S 03°36'36" W	46.659m	(153.08')	25	S 76°54'14" E	24.057m	(78.93')
12	S 03°36'36" W	20.147m	(66.10')	26	S 25°24'43" W	6.240m	(20.47')
13	N 79°18'11" E	51.134m	(167.76')	27	N 81°55'57" E	19.140m	(62.79')
14	S 82°30'22" E	11.323m	(37.15')	28	S 69°35'36" E	85.018m	(278.93')

I HEREBY CERTIFY THAT THIS PLAT IS A TRUE DELINIATION OF A SURVEY MADE FOR THE OHIO DEPARTMENT OF TRANSPORTATION IN 1999 AND 2000 BY DODSON-STILSON, INC.

THE ESTABLISHMENT OF THE PROPERTY LINES AND EXISTING RIGHT OF WAY LINES SHOWN ON THIS PLAN AS OF THIS DATE WERE PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION.

BY Charles H Murphy
CHARLES H. MURPHY, P.S.
SURVEYOR NO. 6950 DATE 11-9-01

STATE OF OHIO CHARLES H. MURPHY S-6950 REGISTERED SURVEYOR

RECEIVED _____, 20____
RECORDED _____, 20____
BOOK _____ PAGE _____
COUNTY RECORDER

REV. BY	DATE	DESCRIPTION
MJW	11/08/01	REVISED OWNER INFO. PARCEL 2

DATE COMPLETED

200100009745
Filed for Record in
ATHENS COUNTY, OHIO
JULIA MICHAEL SCOTT
11-13-2001 02:58 PM.
AMD SM PLAT 21.60

R/W DESIGNER MJW
R/W REVIEWER CHM

PID NO. 18288

RIGHT OF WAY PLAN
STA. 40+000 TO STA. 40+700

ATH-33-40.981 (25.46)

22P/42

MJW 01/02/01 1:000

ENV 510 B

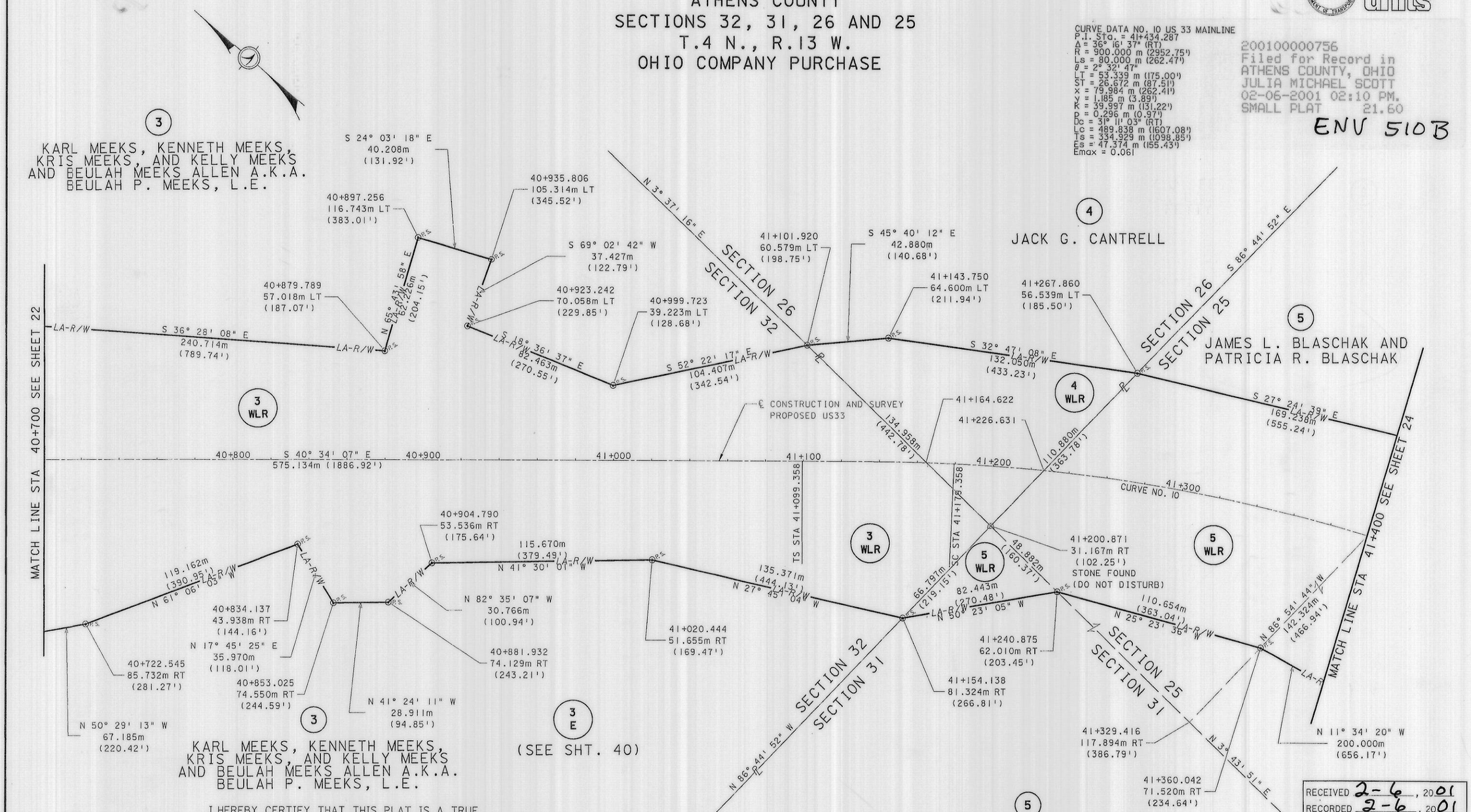
LODI TOWNSHIP
ATHENS COUNTY
SECTIONS 32, 31, 26 AND 25
T.4 N., R.13 W.
OHIO COMPANY PURCHASE

metric units

CURVE DATA NO. 10 US 33 MAINLINE
P.I. Sta. = 41+434.287
Δ = 36° 16' 37" (RT)
R = 900.000 m (2952.75')
Ls = 80.000 m (262.47')
θ = 2° 32' 47"
LT = 53.339 m (175.00')
ST = 26.672 m (87.51')
x = 79.984 m (262.41')
y = 1.185 m (3.89')
K = 39.997 m (131.22')
p = 0.296 m (0.97')
Dc = 31° 11' 03" (RT)
Lc = 489.838 m (1607.08')
Ts = 334.929 m (1098.85')
Es = 47.374 m (155.43')
Emax = 0.061

200100000756
Filed for Record in
ATHENS COUNTY, OHIO
JULIA MICHAEL SCOTT
02-06-2001 02:10 PM.
SMALL PLAT 21.60

ENV 510B



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THE ESTABLISHMENT OF THE PROPERTY LINES AND EXISTING RIGHT OF WAY LINES SHOWN ON THIS PLAN AS OF THIS DATE WERE PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION.

BY Charles H. Murphy
CHARLES H. MURPHY, P.S.
SURVEYOR NO. 6950 DATE 2-2-01

STATE OF OHIO CHARLES H. MURPHY 6950 REGISTERED SURVEYOR

CENTERLINE SURVEY
SEC 25-26-31-32 & 33 LODI TWP
DARWIN PROJECT
ENV 510 B Pg 15 of 20

MONUMENT LEGEND
- EXISTING R/W MONUMENT BOX
- PROPOSED R/W MONUMENT BOX
- PROPOSED CONCRETE MONUMENT
- RAILROAD SPIKE FOUND
- RAILROAD SPIKE SET
- I.R.F. IRON PIN FOUND
- I.R.F. IRON PIN FOUND W/ ID CAP
- I.R.S. IRON PIN SET W/ ID CAP
- P.F. IRON PIPE FOUND
- P.S. IRON PIPE SET
- P.K.F. P.K. NAIL FOUND
- P.K.S. P.K. NAIL SET
- STONE FOUND

NOTE: P.S. DENOTES ¾" x 30" LONG IRON PIPE SET WITH CENTER PUNCHED ALUMINUM CAP STAMPED 'ODOT R/W - S6950'

RECEIVED 2-6, 2001
RECORDED 2-6, 2001
BOOK ____ PAGE 1
Julia Michael Scott
COUNTY RECORDER

REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

SCALE IN METERS 0 20 40

PID NO. 18288

R/W DESIGNER MJW
R/W REVIEWER CHM

RIGHT OF WAY PLAN
STA. 40+700 TO STA. 41+400

ATH-33-40.981 (25.46)

23P/42

MJW 010201:1000

No.	DIRECTION	METRIC	ENGLISH	No.	DIRECTION	METRIC	ENGLISH
29	S 06°17'07" W	41.882m	(137.41')	44	S 86°37'29" W	29.096m	(95.46')
30	S 79°47'09" W	54.919m	(180.18')	45	S 21°51'03" W	30.962m	(101.58')
31	S 63°17'09" W	45.866m	(150.48')	46	N 87°12'47" W	18.815m	(61.73')
32	S 21°17'09" W	54.114m	(177.54')	47	S 86°37'29" W	9.318m	(30.57')
33	S 04°42'51" E	80.467m	(264.00')	48	N 75°50'18" W	6.096m	(20.00')
34	S 01°15'10" W	11.939m	(39.17')	49	N 75°50'18" W	6.096m	(20.00')
35	S 12°57'07" W	42.139m	(128.35')	50	N 26°36'14" W	15.626m	(51.27')
36	N 12°57'07" E	64.622m	(212.01')	51	N 06°27'52" E	14.274m	(46.83')
37	S 73°06'01" E	8.390m	(27.53')	52	N 18°51'08" E	100.388m	(329.36')
38	N 73°06'01" W	6.111m	(20.05')	53	S 12°57'06" W	11.880m	(38.97')
39	N 12°05'00" W	31.943m	(104.80')	54	S 01°10'01" W	19.914m	(65.34')
40	N 54°48'01" W	35.407m	(116.16')	55	S 16°54'40" W	64.780m	(212.53')
41	N 23°02'21" W	47.860m	(157.02')	56	S 14°09'41" W	29.644m	(97.26')
42	N 87°12'47" W	43.885m	(143.98')	57	N 87°12'47" W	18.576m	(60.94')
43	S 02°47'13" W	26.140m	(85.76')	58	N 87°12'47" W	19.506m	(64.00')
130	N 42°03'46" E	34.478m	(113.12')	132	S 18°51'08" W	45.285m	(148.57')
131	N 26°07'37" W	19.224m	(63.07')				

200100000757
Filed for Record in
ATHENS COUNTY, OHIO
JULIA MICHAEL SCOTT
02-06-2001 02:10 PM.
SMALL PLAT 21.60

ENV 510B

LODI TOWNSHIP
ATHENS COUNTY
SECTION 25
T.4 N., R.13 W.
OHIO COMPANY PURCHASE

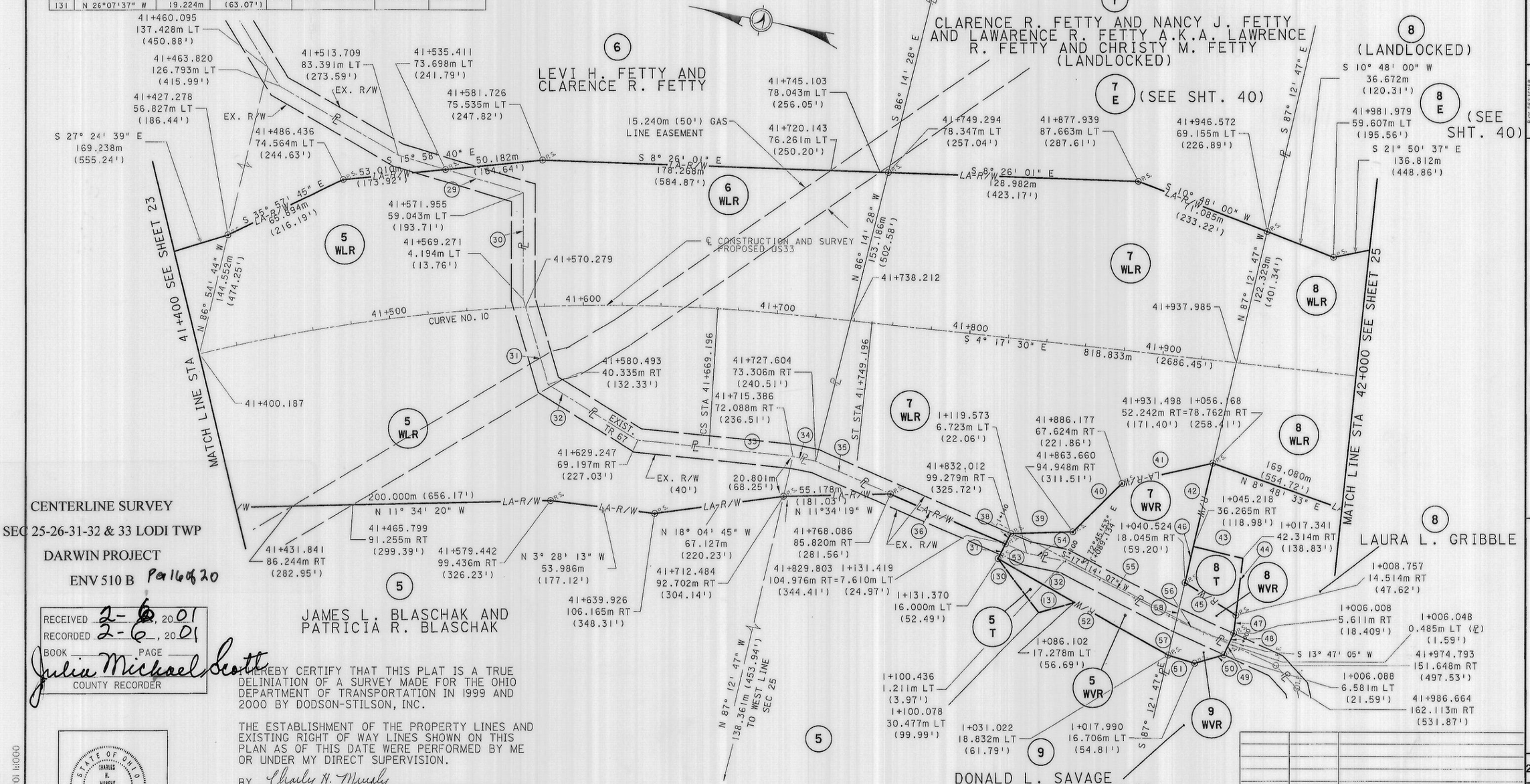
CURVE DATA NO. 10 US 33 MAINLINE
P.I. Sta. = 41+434.287
Δ = 36° 16' 37" (RT)
R = 900.000 m (2952.75')
Ls = 80.000 m (262.47')
θ = 2° 32' 47"
LT = 53.339 m (175.00')
ST = 26.672 m (87.51')
x = 79.984 m (262.41')
y = 1.85 m (3.89')
K = 39.997 m (131.22')
p = 0.296 m (0.97')
Dc = 31° 11' 03" (RT)
Lc = 489.838 m (1607.08')
Ts = 334.929 m (1098.85')
Es = 47.374 m (155.43')
Emax = 0.061

MONUMENT LEGEND
- EXISTING R/W MONUMENT BOX
- PROPOSED R/W MONUMENT BOX
- PROPOSED CONCRETE MONUMENT
- RAILROAD SPIKE FOUND
- RAILROAD SPIKE SET
- I.P.F. IRON PIN FOUND
- I.P.F. IRON PIN FOUND W/ ID CAP
- I.P.S. IRON PIN SET W/ ID CAP
- P.F. IRON PIPE FOUND
- P.S. IRON PIPE SET
- P.K.F. P.K. NAIL FOUND
- P.K.S. P.K. NAIL SET
- STONE FOUND

NOTE: P.S. DENOTES ¾" x 30" LONG IRON PIPE SET WITH CENTER PUNCHED ALUMINUM CAP STAMPED 'ODOT R/W - S6950'

metric units

SCALE IN METERS



RECEIVED 2-6, 2001
RECORDED 2-6, 2001
BOOK ____ PAGE ____
Julia Michael Scott
COUNTY RECORDER

I HEREBY CERTIFY THAT THIS PLAT IS A TRUE DELINIATION OF A SURVEY MADE FOR THE OHIO DEPARTMENT OF TRANSPORTATION IN 1999 AND 2000 BY DODSON-STILSON, INC.

THE ESTABLISHMENT OF THE PROPERTY LINES AND EXISTING RIGHT OF WAY LINES SHOWN ON THIS PLAN AS OF THIS DATE WERE PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION.

BY Charles H. Murphy
CHARLES H. MURPHY, P.S.
SURVEYOR NO. 6950 DATE 2-2-01

STATE OF OHIO CHARLES H. MURPHY No. S-6950 REGISTERED SURVEYOR

REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

PID NO. 18288

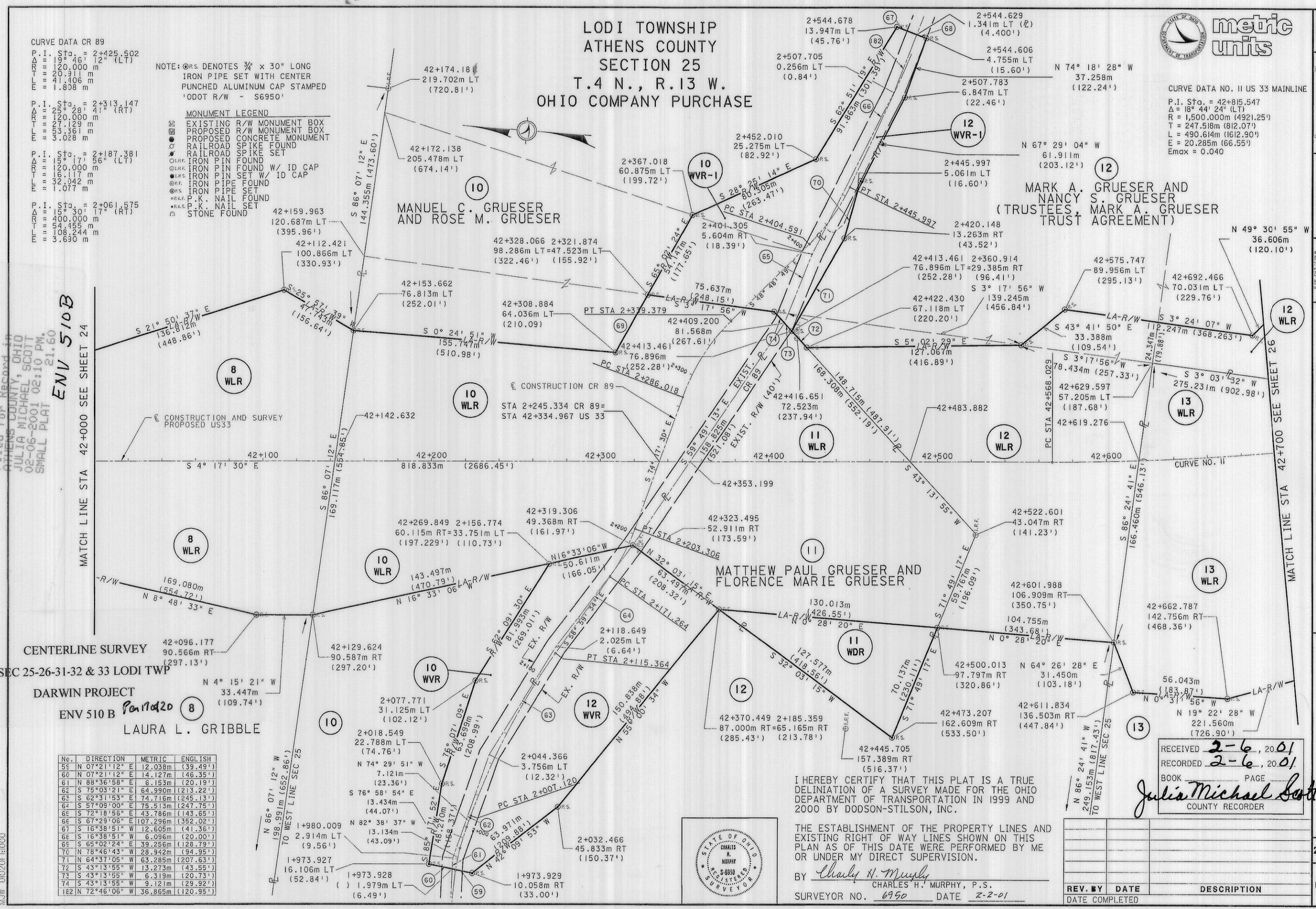
R/W DESIGNER MJW
R/W REVIEWER CHM

RIGHT OF WAY PLAN
STA. 41+400 TO STA. 42+000

ATH-33-40.981 (25.46)

24P/42

MJW 010201 1:1000



No.	DIRECTION	METRIC	ENGLISH
59	N 07°21'12" E	12.038m	(39.49')
60	N 07°21'12" E	14.127m	(46.35')
61	N 88°36'58" E	6.153m	(20.19')
62	S 75°03'21" E	64.990m	(213.22')
63	S 62°31'53" E	74.716m	(245.13')
64	S 57°09'00" E	75.513m	(247.75')
65	S 72°18'56" E	43.786m	(143.65')
66	S 67°29'06" E	107.296m	(352.02')
67	S 16°38'51" W	12.605m	(41.36')
68	S 16°38'51" W	6.096m	(20.00')
69	S 65°02'24" E	39.256m	(128.79')
70	N 78°46'43" W	28.942m	(94.95')
71	N 64°37'05" W	63.285m	(207.63')
72	S 43°13'55" W	13.273m	(43.55')
73	S 43°13'55" W	6.319m	(20.73')
74	S 43°13'55" W	9.121m	(29.92')
182	N 72°46'06" W	36.865m	(120.95')

I HEREBY CERTIFY THAT THIS PLAT IS A TRUE DELINIATION OF A SURVEY MADE FOR THE OHIO DEPARTMENT OF TRANSPORTATION IN 1999 AND 2000 BY DODSON-STILSON, INC.

THE ESTABLISHMENT OF THE PROPERTY LINES AND EXISTING RIGHT OF WAY LINES SHOWN ON THIS PLAN AS OF THIS DATE WERE PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION.

BY Charly H. Murphy
CHARLES H. MURPHY, P.S.
SURVEYOR NO. 6950 DATE 2-2-01

STATE OF OHIO CHARLES H. MURPHY S-6950 REGISTERED SURVEYOR

RECEIVED 2-6, 2001
RECORDED 2-6, 2001
BOOK _____ PAGE _____
Julia Michael Scott
COUNTY RECORDER

REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

MJW 010201 1:000

CENTERLINE SURVEY

SEC 25-26-31-32 & 33 LODI TWP

DARWIN PROJECT

ENV 510 B

Pg 18 of 20

LODI TOWNSHIP
ATHENS COUNTY
SECTION 25
T.4 N., R.13 W.
BEDFORD TOWNSHIP
MEIGS COUNTY
SECTION 30
T.3 N., R.13 W.
OHIO COMPANY PURCHASE

ENV 510B

20010000759
Filed for Record in
ATHENS COUNTY, OHIO
JULIA MICHAEL SCOTT
02-06-2001 02:10 PM.
SMALL PLAT 21.60

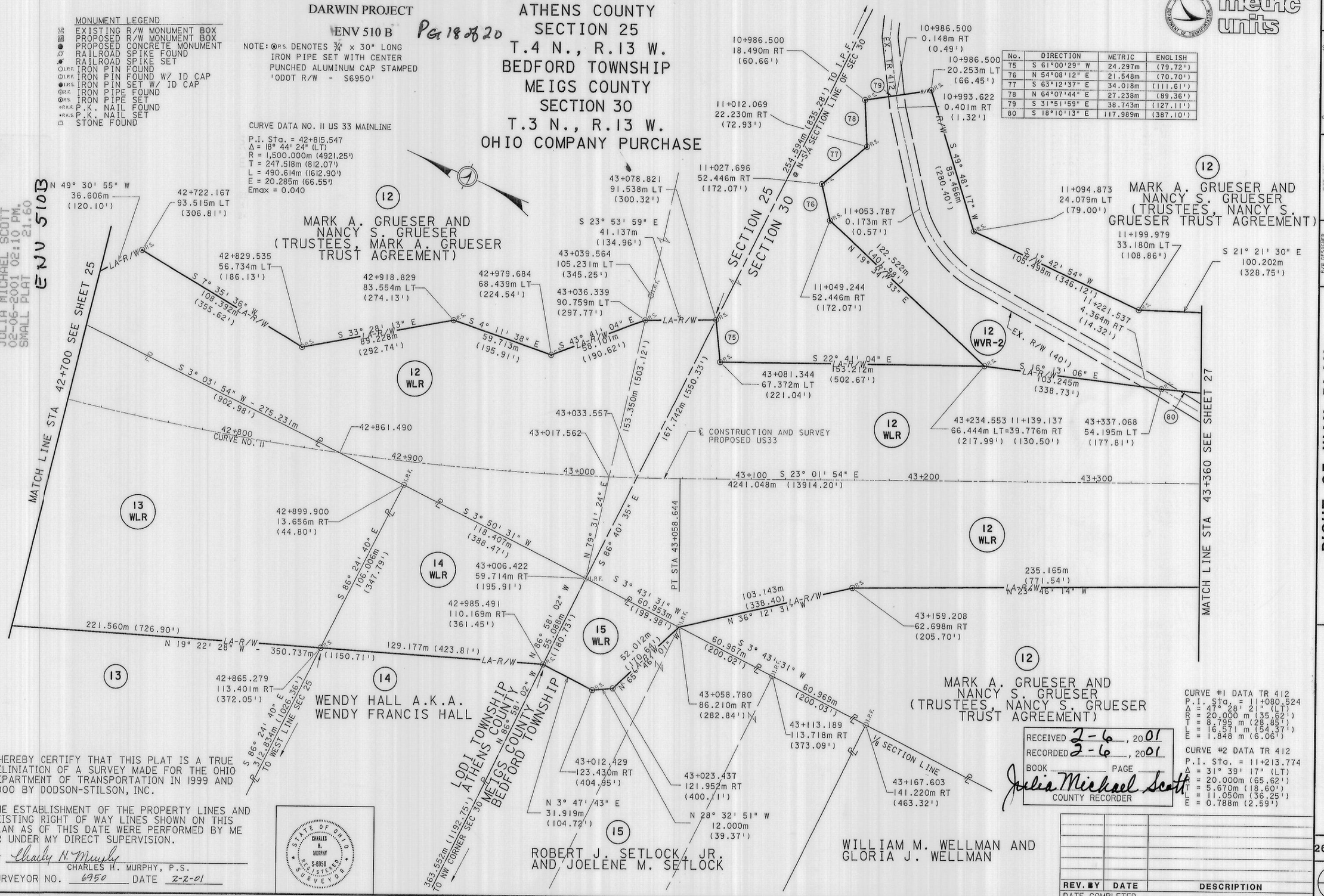
MONUMENT LEGEND

- EXISTING R/W MONUMENT BOX
- PROPOSED R/W MONUMENT BOX
- PROPOSED CONCRETE MONUMENT
- RAILROAD SPIKE FOUND
- RAILROAD SPIKE SET
- I.P.F. IRON PIN FOUND
- I.P.F. IRON PIN FOUND W/ ID CAP
- I.R.S. IRON PIN SET W/ ID CAP
- I.P.F. IRON PIPE FOUND
- P.S. IRON PIPE SET
- P.K.F. P.K. NAIL FOUND
- P.K.S. P.K. NAIL SET
- STONE FOUND

NOTE: P.S. DENOTES ¾" x 30" LONG IRON PIPE SET WITH CENTER PUNCHED ALUMINUM CAP STAMPED 'ODOT R/W - S6950'

CURVE DATA NO. 11 US 33 MAINLINE
P.I. Sta. = 42+815.547
Δ = 18° 44' 24" (LT)
R = 1,500.000m (4921.25')
T = 247.518m (812.07')
L = 490.614m (1612.90')
E = 20.285m (66.55')
Emax = 0.040

No.	DIRECTION	METRIC	ENGLISH
75	S 61°00'29" W	24.297m	(79.72')
76	N 54°08'12" E	21.548m	(70.70')
77	S 63°12'37" E	34.018m	(111.61')
78	N 64°07'44" E	27.238m	(89.36')
79	S 31°51'59" E	38.743m	(127.11')
80	S 18°10'13" E	117.989m	(387.10')



CURVE #1 DATA TR 412
P.I. Sta. = 11+080.524
Δ = 47° 28' 21" (LT)
R = 20.000 m (35.62')
T = 8.795 m (28.85')
L = 16.571 m (54.37')
E = 1.848 m (6.06')

CURVE #2 DATA TR 412
P.I. Sta. = 11+213.774
Δ = 31° 39' 17" (LT)
R = 20.000m (65.62')
T = 5.670m (18.60')
L = 11.050m (36.25')
E = 0.788m (2.59')

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SURVEYOR NO. 6950 DATE 2-2-01

STATE OF OHIO CHARLES H. MURPHY S-6950 REGISTERED SURVEYOR

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BOOK ____ PAGE ____
Julia Michael Scott
COUNTY RECORDER

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

M.J.W. 00201 H.000

metric units

SCALE IN METERS

PID NO. 18288

R/W DESIGNER MJW
R/W REVIEWER CHM

RIGHT OF WAY PLAN
STA. 42+700 TO STA. 43+360

ATH-33-40.981 (25.46)

26P/42

200100000760
Filed for Record in
ATHENS COUNTY, OHIO
JULIA MICHAEL SCOTT
02-06-2001 02:10 PM.
SMALL PLAT 21.60

ENV 510B

CENTERLINE SURVEY

SEC 25-26-31-32 & 33 LODI TWP

DARWIN PROJECT

ENV 510 B

Pg 19 of 20

BEDFORD TOWNSHIP
MEIGS COUNTY
SECTION 30
T.3 N., R.13 W.
OHIO COMPANY PURCHASE

NOTE: ⊙P.S. DENOTES ¾" x 30" LONG IRON PIPE SET WITH CENTER PUNCHED ALUMINUM CAP STAMPED 'ODOT R/W - S6950'

MONUMENT LEGEND
- EXISTING R/W MONUMENT BOX
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- PROPOSED CONCRETE MONUMENT
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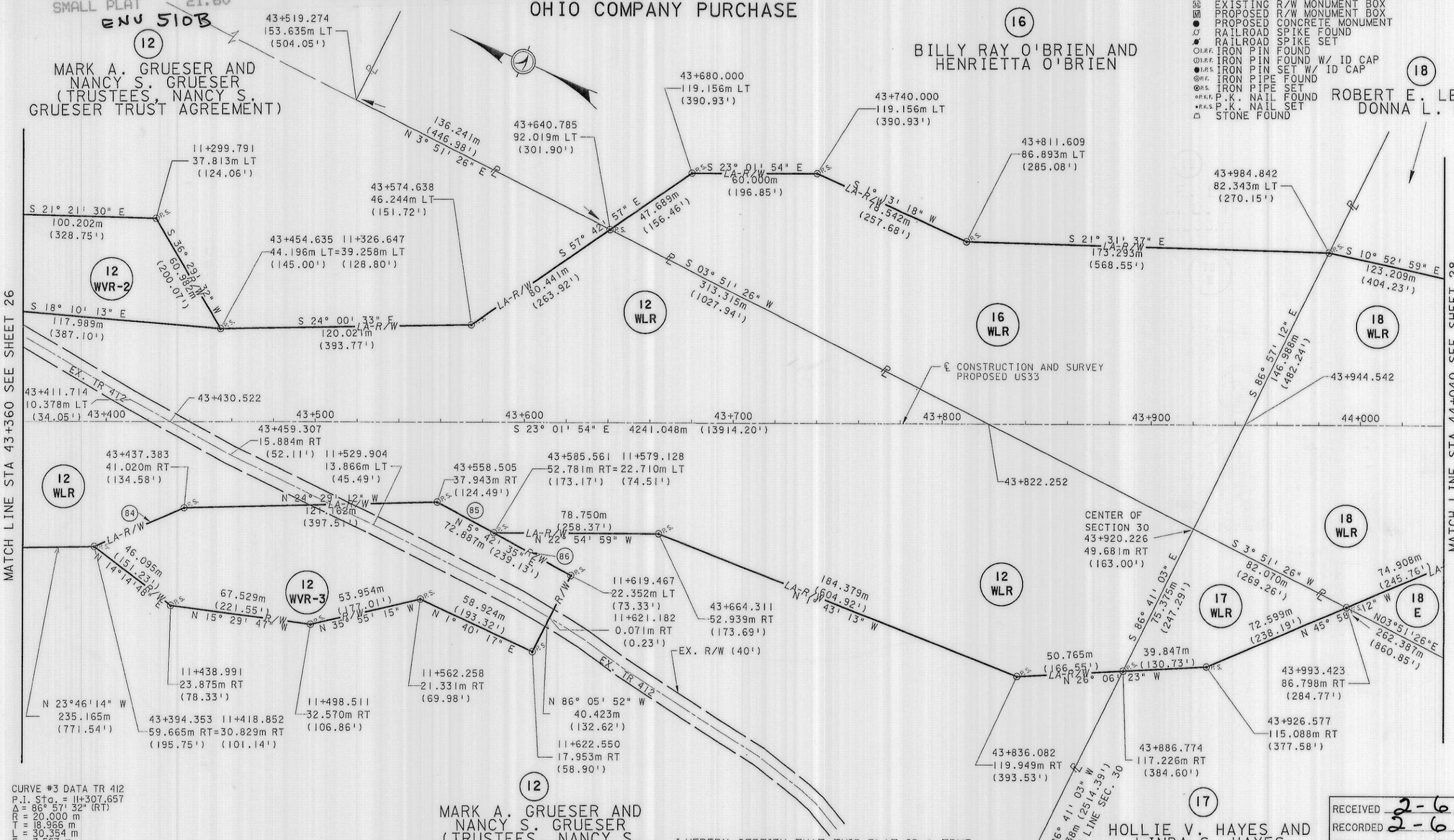
- RAILROAD SPIKE SET
- I.R.F. IRON PIN FOUND
- I.R.F. IRON PIN FOUND W/ ID CAP
- I.R.S. IRON PIN SET W/ ID CAP
- P.F. IRON PIPE FOUND
- P.S. IRON PIPE SET
- P.K.F. P.K. NAIL FOUND
- P.K.S. P.K. NAIL SET
- STONE FOUND

metric units



CURVE #3 DATA TR 412
P.I. Sta. = 11+307.657
Δ = 86° 57' 32" (RT)
R = 20.000 m
T = 18.966 m
L = 30.354 m
E = 7.563 m

CURVE #4 DATA TR 412
P.I. Sta. = 11+433.773
Δ = 86° 38' 07" (LT)
R = 20.000 m
T = 18.859 m
L = 30.241 m
E = 7.489 m

CURVE #5 DATA TR 412
P.I. Sta. = 11+555.556
Δ = 28° 34' 05" (RT)
R = 20.000 m
T = 5.092 m
L = 9.972 m
E = 0.638 m

No.	DIRECTION	METRIC	ENGLISH
81	S 08°16'39" W	13.539m	(44.42')
82	S 08°16'39" W	9.731m	(31.93')
83	S 10°17'23" W	14.514m	(47.62')
84	N 46°27'34" W	46.895m	(153.86')
85	S 05°42'35" W	30.857m	(101.24')
86	S 05°42'35" W	42.030m	(137.89')

STATE OF OHIO CHARLES H. MURPHY S-6950 REGISTERED SURVEYOR

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BOOK ____ PAGE ____
Julia Michael Scott
COUNTY RECORDER

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

SCALE IN METERS 0 10 20

PID NO. 18288

R/W DESIGNER MJW
R/W REVIEWER CHM

RIGHT OF WAY PLAN
STA. 43+360 TO STA. 44+040

ATH-33-40.981 (25.46)

27P/42

MJW 010201 H0000

CENTERLINE SURVEY

SEC 25-26-31-32 & 33 LODI TWP

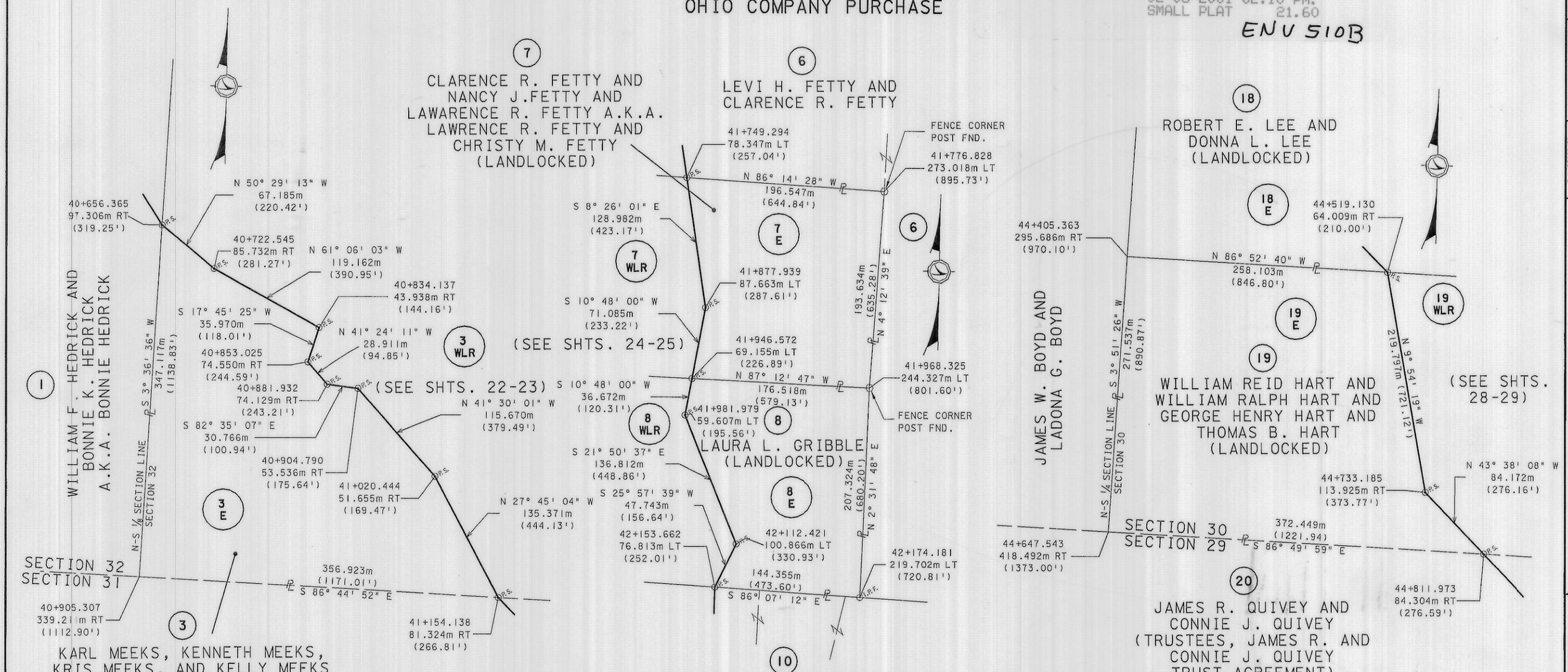
DARWIN PROJECT

ENV 510 B PG 20 of 20

LODI TOWNSHIP
ATHENS COUNTY
SECTIONS 32 AND 25
T.4 N., R. 13 W.
BEDFORD TOWNSHIP
MEIGS COUNTY
SECTION 30
T.3 N., R. 13 W.
OHIO COMPANY PURCHASE

200100000761
Filed for Record in
ATHENS COUNTY, OHIO
JULIA MICHAEL SCOTT
02-06-2001 02:10 PM.
SMALL PLAT 21.60

ENV 510B



MONUMENT LEGEND

- EXISTING R/W MONUMENT BOX
- PROPOSED R/W MONUMENT BOX
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- P.K.F. P.K. NAIL FOUND
- P.K.S. P.K. NAIL SET
- STONE FOUND

NOTE: P.S. DENOTES 3/4" x 30" LONG IRON PIPE SET WITH CENTER PUNCHED ALUMINUM CAP STAMPED 'ODOT R/W - S6950'

STATE OF OHIO
CHARLES H. MURPHY
S-6950
REGISTERED
SURVEYOR

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DATE COMPLETED

M.J.W. 01/20/ 1:2000

metric units

SCALE IN METERS 0 40 80

PID NO. 18288

R/W DESIGNER MJW
R/W REVIEWER CHM

RIGHT OF WAY PLAN
EXCESS LAND PARCEL DETAILS

ATH-33-40.981 (25.46)

40P/42