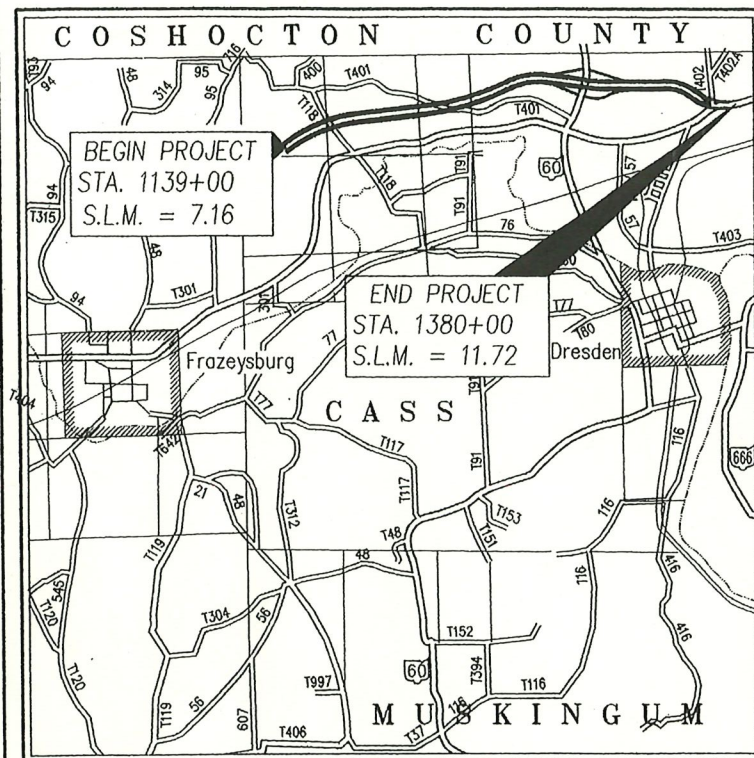
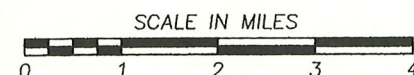




LATITUDE N 43°38'23"
LONGITUDE W 86°58'16"



PORTION TO BE IMPROVED
STATE ROADS
OTHER ROADS

UNDERGROUND UTILITIES
2 WORKING DAYS
BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE
NON-MEMBERS MUST BE
CALLED DIRECTLY

PLANS PREPARED BY:

RESOURCE INTERNATIONAL INC.
281 ENTERPRISE DR.
WESTERVILLE, OHIO 43081
(614) 885-1959

STATE OF OHIO DEPARTMENT OF TRANSPORTATION

MUS-16-7.16

CASS TOWNSHIP MUSKINGUM COUNTY

RIGHT OF WAY ONLY

PROJECT DESCRIPTION

DESIGN OF 4.56 MILES OF NEW FOUR LANE HIGHWAY.
THIS DESIGN INCLUDES GRADE SEPARATIONS AT TOWNSHIP ROAD 118
AND STATE ROUTE 60. THIS DESIGN INCLUDES SIX NEW STRUCTURES,
TWO AT EACH GRADE SEPARATION AND TWO OVER THE LITTLE
WAKATOMIKA CREEK.

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.

1997 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.

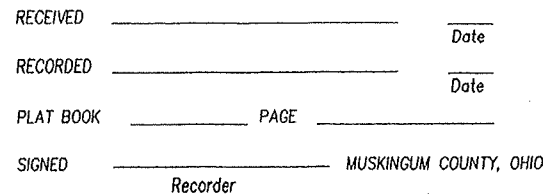
I HEREBY APPROVE THESE PLANS AND DECLARE THAT THE
MAKING OF THIS IMPROVEMENT WILL NOT REQUIRE THE CLOSING
TO TRAFFIC OF THE HIGHWAY AND THAT PROVISIONS FOR THE
MAINTENANCE AND SAFETY OF TRAFFIC WILL BE AS SET FORTH
ON THE PLANS AND ESTIMATES.

INDEX OF SHEETS

CENTERLINE PLATS	1-5
PROPERTY MAPS	6-8
SUMMARY OF ADDITIONAL RIGHT OF WAY	9-11
SUMMARY OF LIENS	12-13
SCHEMATIC PLANS	14-15
PLAN SHEETS	16-51

APPROVED _____
DATE _____ DISTRICT DEPUTY DIRECTOR

APPROVED _____
DATE _____ DISTRICT REAL ESTATE ADMINISTRATOR



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

BY Joseph S. Bolzenius
JOSEPH S. BOLZENIUS

SURVEYOR NO. S-7526 DATE 6/11/99

CENTERLINE MONUMENTS TO BE
SET DURING CONSTRUCTION

STATION	QUANT.
P.C. STA. 1140+96.00	1
P.O.C. STA. 1145+00.00	1
P.O.C. STA. 1150+00.00	1
P.O.C. STA. 1155+00.00	1
P.O.C. STA. 1160+00.00	1
TOTAL	5

* QUANTITIES LISTED ON
OTHER SHEETS

QUANTITIES CARRIED TO GENERAL SUMMARY

CENTERLINE MONUMENTS SHALL BE CONSTRUCTED AS SHOWN ON THIS SHEET. THE PLACING OF THE MONUMENTS SHALL BE UNDER THE DIRECTION OF A PROFESSIONAL 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 ODOT SHALL BE NOTIFIED OF THE NEW LOCATIONS. ALL MONUMENTS ARE TO BE SET WITHIN $\pm 0.02'$ TOLERANCE.

NOTE: EXISTING CENTERLINE LOCATION DETERMINED FROM:
 --PRIOR RIGHT OF WAY PLAN SH 347,
 MUSKINGUM COUNTY 1931
 --PRIOR RIGHT OF WAY PLAN MUS-16-11.79-14.23,
 MUSKINGUM COUNTY 1950
 --PRIOR RIGHT OF WAY PLAN MUS-60-31.70
 MUSKINGUM COUNTY 1968

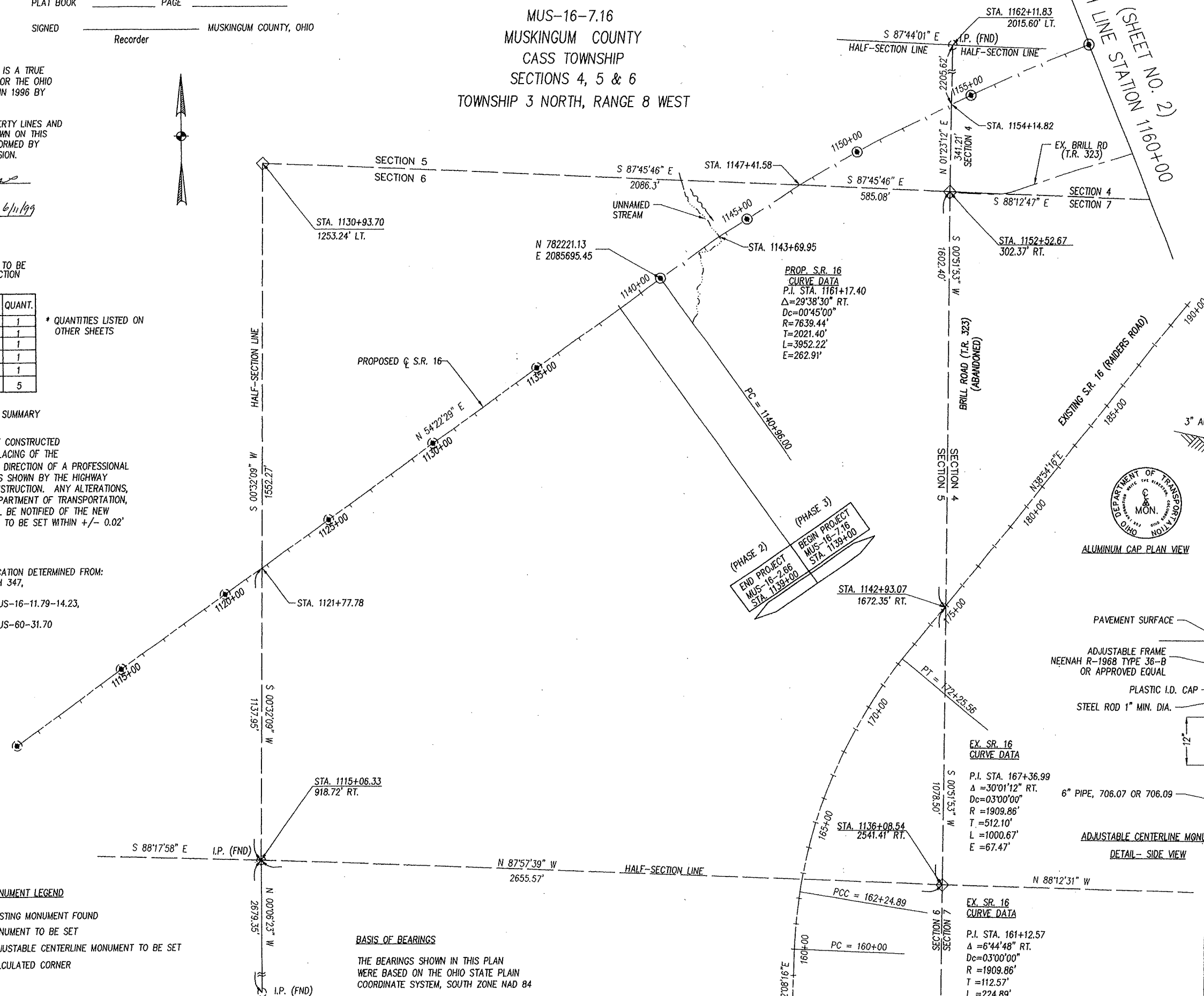
MONUMENT LEGEND

- ☐ EXISTING MONUMENT FOUND
☒ MONUMENT TO BE SET
☐ ADJUSTABLE CENTERLINE MONUMENT TO BE SET
☐ CALCULATED CORNER

BASIS OF BEARINGS

THE BEARINGS SHOWN IN THIS PLAN
WERE BASED ON THE OHIO STATE PLAIN
COORDINATE SYSTEM, SOUTH ZONE NAD 84

MUS-16-7.16
MUSKINGUM COUNTY
CASS TOWNSHIP
SECTIONS 4, 5 & 6
TOWNSHIP 3 NORTH, RANGE 8 WEST



ALUMINUM CAP PLAN VIEW

PAVEMENT SURFACE

COVER

ADJUSTABLE FRAME
AASHTO R-168 TYPE 36-B
OR APPROVED EQUAL

PLASTIC I.D. CAP

STEEL ROD 1" MIN. DIA.

PIPE, 706.07 OR 706.09

ADJUSTABLE CENTERLINE MONUMENT

DETAIL - SIDE VIEW

6"

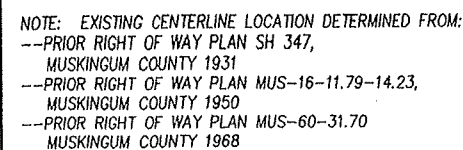
12"

30" MIN

3" MIN

REV.	DATE	DESCRIPTION
DATE OF COMPLETION: 1/15/99		

CENTERLINE PLAT



STATION	QUANT.
P.O.C. STA. 1160+00.00	*
P.O.C. STA. 1165+00.00	1
P.O.C. STA. 1170+00.00	1
P.O.C. STA. 1175+00.00	1
PT STA. 1180+48.23	1
P.O.T. STA. 1185+00.00	1
P.O.T. STA. 1190+00.00	1
P.O.T. STA. 1195+00.00	1
P.O.T. STA. 1200+00.00	1
P.O.T. STA. 1205+00.00	1
P.O.T. STA. 1210+00.00	1
TOTAL	10

* QUANTITIES LISTED ON
OTHER SHEETS

MUS-16-7.16
MUSKINGUM COUNTY
CASS TOWNSHIP
SECTIONS 3 & 4
TOWNSHIP 3 NORTH, RANGE 8 WEST

QUANTITIES CARRIED TO GENERAL SUMMARY

CENTERLINE REFERENCE MONUMENTS SHALL BE CONSTRUCTED AS SHOWN ON THIS SHEET. THE PLACING OF THE MONUMENTS SHALL BE UNDER THE DIRECTION OF A PROFESSIONAL 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 ODOT SHALL BE NOTIFIED OF THE NEW LOCATIONS.

PROP. SCHOOLHOUSE
ACCESS RD
CURVE DATA
P.I. STA. 23+50.00
 $\Delta = 12^{\circ}16'08''$ LT.
 $D_c = 28^{\circ}38'52''$
 $R = 200.00'$
 $T = 21.50'$
 $L = 42.83'$
 $E = 1.15'$

PROP. SCHOOLHOUSE
ACCESS RD
CURVE DATA
P.I. STA. 25+50.30
 $\Delta = 44^{\circ}01'32''$ RT.
 $D_c = 28^{\circ}38'52''$
 $R = 200.00'$
 $T = 80.86'$
 $L = 153.68'$
 $E = 15.73'$

PROPOSED S.R. 16
ADJUSTABLE MONUMENTS TO BE
SET DURING CONSTRUCTION

STATION	QUANT.	LOCATION
P.O.C. STA. 1167+51.75	1	④
TOTAL	1	

QUANTITIES CARRIED TO GENERAL SUMMARY

$Dc = 28'38''52''$
 $R = 200.00'$
 $T = 21.50'$
 $L = 42.83'$
 $E = 1.15'$

STA. 1166+49.01, 232.07' L.I. (SR. 16) =
 STA. 124+00 (PROP. ACCESS ROAD)
 STA. 20+00
 21+00
 SCHOOLHOUSE ROAD
 (STUMP RUN RD)
 N $38'38''47''$ W
 15+00
 (R. 118)
 STA. 13+74.78
 N 783397.6575
 E 2087339.6551
 20+00
 N 783595.5
 1165+00
 STA. 9+
 BRILL ROAD
 MATCH LINE
 STATION 1160+00
 (SHEET NO. 1)
 PROP. SR. 16
 CURVE DATA
 P.I. STA 1161+17.40
 $\Delta = 29'38'30''$ RT
 $Dc = 00'45'00''$
 $R = 7639.44'$
 $L = 3952.22'$
 $T = 2021.40'$
 $E = 262.91'$

PROP. SR. 16
CURVE DATA
P.I. STA 1161+17.40
 $\Delta = 29^\circ 38' 30''$ RT
 $D_c = 00^\circ 45' 00''$
 $R = 7639.44'$
 $L = 3952.22'$
 $T = 2021.40'$
 $E = 262.91'$

$N49^{\circ}55'34''W$
 $PT=5+64.76$
 $PC=2+90.54$

EX. SCHOOLHOUSE R.
CURVE DATA
P.I. STA. 4+30.48
 $\Delta = 28^{\circ}09'18''$ LT.
 $D_c = 10^{\circ}16'03''$
 $R = 558.04'$
 $T = 139.94'$
 $L = 274.22'$
 $E = 17.28'$

EX. SR. 16
CURVE DATA
P.I. STA. 203+38.40
 $\Delta = 47^{\circ}18'00''$ RT.
 $D_c = 02^{\circ}00'00''$
 $R = 2864.79'$
 $T = 1254.57'$
 $L = 2365.00'$
 $E = 262.67'$

MONUMENT LEGEND

- ☐ EXISTING MONUMENT FOUND
☒ MONUMENT TO BE SET
☐ ADJUSTABLE CENTERLINE MONUMENT TO BE SET
 REFER TO SHEET 1 FOR MONUMENT DETAIL
☐ CALCULATED CORNER

BASIS OF BEARINGS

THE BEARINGS SHOWN IN THIS PLAN
WERE BASED ON THE OHIO STATE PLAIN
COORDINATE SYSTEM, SOUTH ZONE NAD 84

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 PROVISION OF SECTION 5511.02 OF THE REVISED CODE OF OHIO

SECTION 3 S 88°41'56" E
SECTION 8

REV.	DATE	DESCRIPTION
DATE OF COMPLETION: 1/15/99		

DATE OF COMPLETION: 1/15/99

G:\DWG\DEPT4\SR16\AW\SECT3\MUS16CP2.dwg Mon Jun 14 11:49:51 1999

RESOURCE INTERNATIONAL INC.
PROJECT NO. W-5201

[illegible]

PROP. SR. 60
ACCESS RD

82°52'55" E

CURVE DATA

S.R. 16

1270+40.72

43" RT

57" RT

00" LT=183.35'

0' ST=91.68'

0' Ts=1102.77'

23" Es=140.26'

Lc=1601.84'

55+00

S 88°49'55" E

PT

$$= 300 + 0$$

19.50

Q LITTLE WAKATOMI
CREEK

SPECIALLY DESIGNED FOR
HAS BEEN DECLARED A
Y OR FREEWAY BY ACTION

CORDANCE WITH THE
5511.02 OF THE REVISED

IN THIS PLAN
OHIO STATE PLAIN
SOUTH ZONE NAD 84

DATE	DESCRIPTION
------	-------------

DATE OF COMPLETION: 1/15/99

MATCH LINE STATION 1275+00
(SHEET NO. 4)

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Journal compilation © 2006 Blackwell Publishing Ltd

ON _____

S:\OWG\DEPT4\SR16\AW\SECT3\MUS16CD3.DWG Mon Jun 14 11:51:19 1999

RESOURCE INTERNATIONAL INC.
PROJECT NO. W-5201

STATION	QUANT.
PC STA. 1216+08.98	1
P.O.C. STA. 1220+00.00	1
P.O.C. STA. 1225+00.00	1
P.O.C. STA. 1230+00.00	1
P.O.C. STA. 1235+00.00	1
P.O.C. STA. 1240+00.00	1
P.O.C. STA. 1245+00.00	1
P.O.C. STA. 1250+00.00	1
PT STA. 1255+57.67	1
TS STA. 1259+37.95	1
SC STA. 1262+12.95	1
P.O.C. STA. 1266+00	1
P.O.C. STA. 1270+00	1
P.O.C. STA. 1275+00	1
TOTAL	14

QUANTITIES CARRIED TO GENERAL SUMMARY

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MONUMENT LEGEND

-  EXISTING MONUMENT FOUND
 MONUMENT TO BE SET
 ADJUSTABLE CENTERLINE MONUMENT TO BE SET
 REFER TO SHEET 1 FOR MONUMENT DETAIL
 CALCULATED CORNER

NOTE: EXISTING CENTERLINE LOCATION DETERMINED FROM:
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 ---PRIOR RIGHT OF WAY PLAN MUS-16-11.79-14.23,
 MUSKINGUM COUNTY 1950
 ---PRIOR RIGHT OF WAY PLAN MUS-60-31.70
 MUSKINGUM COUNTY 1968

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BASIS OF BEARINGS

THE BEARINGS SHOWN IN THIS PLAN
WERE BASED ON THE OHIO STATE PLAIN
COORDINATE SYSTEM, SOUTH ZONE NAD 84

REV.	DATE	DESCRIPTION
DATE OF COMPLETION: 1/15/99		



MUS-16-7.16
MUSKINGUM COUNTY
CASS TOWNSHIP
QUARTER TOWNSHIP 1
TOWNSHIP 3 NORTH, RANGE 8 WEST

CENTERLINE MONUMENTS TO BE SET DURING CONSTRUCTION

STATION	QUANT.
P.O.C. STA. 1275+00.00	*
CS STA. 1278+14.79	1
ST STA. 1280+89.79	1
P.O.T. STA. 1285+00.00	1
P.O.T. STA. 1290+00.00	1
P.O.T. STA. 1295+00.00	1
P.O.T. STA. 1300+00.00	1
PC STA. 1302+71.60	1
P.O.C. STA. 1308+00.00	1
PT STA. 1312+69.68	1
P.O.T. STA. 1316+00.00	1
P.O.T. STA. 1320+00.00	1
P.O.T. STA. 1325+00.00	1
P.O.T. STA. 1330+00.00	1
TOTAL	13

* QUANTITIES LISTED ON OTHER SHEETS

QUANTITIES CARRIED TO GENERAL SUMMARY

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PROPOSED S.R. 60
ADJUSTABLE MONUMENTS TO BE SET DURING CONSTRUCTION

STATION	QUANT.	LOCATION
P.O.T. STA. 590+06.62	1	ⓐ
PT STA. 602+92.70	1	ⓐ
P.O.C. STA. 608+38.97	1	ⓐ
ST STA. 613+60.48	1	ⓐ
PT STA. 621+04.77	1	ⓐ
TOTAL	5	

QUANTITIES CARRIED TO GENERAL SUMMARY

BASIS OF BEARINGS

THE BEARINGS SHOWN IN THIS PLAN WERE BASED ON THE OHIO STATE PLAIN COORDINATE SYSTEM, SOUTH ZONE NAD 84

MONUMENT LEGEND

- ⓐ EXISTING MONUMENT FOUND
- ⓑ MONUMENT TO BE SET
- ⓓ ADJUSTABLE CENTERLINE MONUMENT TO BE SET REFER TO SHEET 1 FOR MONUMENT DETAIL
- ⓔ CALCULATED CORNER

REV.	DATE	DESCRIPTION
1	1/15/99	DATE OF COMPLETION

CURVE DATA
S.R. 16

P.I. STA. 1270+40.72
 $\Delta = 32^{\circ}50'43''$ RT.
 $Dc = 28^{\circ}01'57''$ RT.
 $R = 3274.00'$
 $Ls = 275.00'$
 $Os = 02^{\circ}24'23''$
 $Lt = 183.35'$
 $St = 91.68'$
 $Ts = 1102.77'$
 $Es = 140.26'$
 $Lc = 1601.84'$

CURVE A1 DATA (RAMP A)

P.I. STA. 91+17.40 @ RAMP A
 $\Delta = 21^{\circ}08'54''$ LT.
 $Dc = 4^{\circ}00'00''$
 $R = 1432.39'$
 $T = 267.40'$
 $L = 528.71'$
 $E = 24.75'$

CURVE B1 DATA (RAMP B)

P.I. STA. 5+74.32 @ RAMP B
 $\Delta = 4^{\circ}38'29''$ RT.
 $Dc = 1^{\circ}30'00''$
 $R = 3819.72'$
 $T = 154.80'$
 $L = 309.43'$
 $E = 3.14'$

CURVE C1 DATA (RAMP C)

P.I. STA. 302+01.23 @ RAMP C
 $\Delta = 39^{\circ}30'36''$ LT.
 $Dc = 14^{\circ}00'00''$
 $R = 409.26'$
 $T = 146.98'$
 $L = 282.21'$
 $E = 25.59'$

CURVE D1 DATA (RAMP D)

P.I. STA. 91+30.19 @ RAMP D
 $\Delta = 18^{\circ}51'46''$ RT.
 $Dc = 1^{\circ}30'00''$
 $R = 3819.72'$
 $T = 634.50'$
 $L = 1257.51'$
 $E = 52.34'$

PROP. S.R. 60 DATA LABELS

- 1 PC = 590+87.07
- 2 PT = 602+92.71
- 3 TS = 603+27.14
- 4 SC = 607+27.14
- 5 CS = 609+60.48
- 6 ST = 613+60.48
- 7 PC = 619+09.69
- 8 PT = 621+04.78

PROP. S.R. 60
CURVE DATA

P.I. STA. 608+46.20
 $\Delta = 15^{\circ}50'01''$ LT.
 $Dc = 05^{\circ}50'01''$ LT.
 $R = 2291.83'$
 $Ls = 400.00'$
 $Os = 5^{\circ}00'00''$
 $Lt = 266.77'$
 $St = 133.43'$
 $Ts = 519.06'$
 $Es = 24.99'$
 $Lc = 233.34'$

S.R. 16 / S.R. 60 INTERCHANGE
RAMP CURVE DATA

- A-1: PC STA. 88+50.00
A-2: PT STA. 93+78.71
A-3: PC STA. 97+32.09
A-4: PT STA. 100+49.23
B-1: PC STA. 4+19.52
B-2: PT STA. 7+28.95
B-3: PC STA. 12+43.91
B-4: PT STA. 22+54.31
C-1: PC STA. 300+54.25
C-2: PT STA. 303+36.46
C-3: PC STA. 312+01.59
C-4: PT STA. 318+00.00
D-1: PC STA. 84+95.69
D-2: PT STA. 97+53.20

PROP. S.R. 60
CURVE DATA

P.I. STA. 620+07.47
 $\Delta = 09^{\circ}43'06''$ LT.
 $Dc = 04^{\circ}58'54''$
 $R = 1150.15'$
 $T = 97.78'$
 $L = 195.09'$
 $E = 4.15'$

EX. S.R. 60
CURVE DATA
P.I. STA. 613+26.59
 $\Delta = 26^{\circ}53'04''$ RT.
 $Dc = 09^{\circ}59'57''$
 $R = 573.00'$
 $T = 136.95'$
 $L = 268.86'$
 $E = 16.14'$

PROP. S.R. 16
CURVE DATA

P.I. STA. 1307+71.35
 $\Delta = 07^{\circ}29'08''$ LT.
 $Dc = 00^{\circ}45'00''$
 $R = 7639.44'$
 $T = 499.75'$
 $L = 998.08'$
 $E = 16.33'$

(SHEET NO. 3)
MATCH LINE STATION 1275+00

MATCH LINE STATION 1330+00
(SHEET NO. 5)

NOTE: EXISTING CENTERLINE LOCATION DETERMINED FROM:
--PRIOR RIGHT OF WAY PLAN SH 347,
MUSKINGUM COUNTY 1931
--PRIOR RIGHT OF WAY PLAN MUS-16-11.79-14.23,
MUSKINGUM COUNTY 1950
--PRIOR RIGHT OF WAY PLAN MUS-60-31.70
MUSKINGUM COUNTY 1968

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RESOURCE INTERNATIONAL, INC.
PROJECT NO. W-5201

CENTERLINE MONUMENTS TO BE SET DURING CONSTRUCTION

STATION	QUANT.
P.O.T. STA. 1330+00.00	*
P.O.T. STA. 1335+00.00	1
TS STA. 1339+68.15	1
SC STA. 1343+18.15	1
POC STA. 1345+00.00	1
P.O.C. STA. 1348+00.00	1
CS STA. 1353+46.43	1
ST STA. 1356+96.43	1
TS STA. 1358+32.98	1
PC STA. 1361+82.98	1
P.O.C. STA. 1365+00.00	1
P.O.C. STA. 1370+00.00	1
CS STA. 1375+32.72	1
ST STA. 1378+82.72	1
TOTAL	13

* QUANTITIES LISTED ON OTHER SHEETS

PROPOSED S.R. 16
ADJUSTABLE MONUMENTS TO BE SET DURING CONSTRUCTION

STATION	QUANT.
P.O.C. STA. 1372+44.72	1
TOTAL	1

QUANTITIES CARRIED TO GENERAL SUMMARY

QUANTITIES CARRIED TO GENERAL SUMMARY

CENTERLINE MONUMENTS SHALL BE CONSTRUCTED AS SHOWN ON THIS SHEET. THE PLACING OF THE MONUMENTS SHALL BE UNDER THE DIRECTION OF A PROFESSIONAL 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 CDOT SHALL BE NOTIFIED OF THE NEW LOCATIONS. ALL MONUMENTS ARE TO BE SET WITHIN +/- 0.02' TOLERANCE.

MUS-16-7.16
MUSKINGUM COUNTY
CASS TOWNSHIP
QUARTER TOWNSHIP 1
TOWNSHIP 3 NORTH, RANGE 8 WEST

NOTE: EXISTING CENTERLINE LOCATION DETERMINED FROM:
--PRIOR RIGHT OF WAY PLAN SH 347,
MUSKINGUM COUNTY 1931
--PRIOR RIGHT OF WAY PLAN MUS-16-11.79-14.23,
MUSKINGUM COUNTY 1950
--PRIOR RIGHT OF WAY PLAN MUS-60-31.70
MUSKINGUM COUNTY 1968

MONUMENT LEGEND

- EXISTING MONUMENT FOUND
- MONUMENT TO BE SET
- ⊠ ADJUSTABLE CENTERLINE MONUMENT TO BE SET
REFER TO SHEET 1 FOR MONUMENT DETAIL
- ◇ CALCULATED CORNER

BASIS OF BEARINGS

THE BEARINGS SHOWN IN THIS PLAN
WERE BASED ON THE OHIO STATE PLAIN
COORDINATE SYSTEM, SOUTH ZONE NAD 84

PI. STATION

- AA STA. 5+00.00, 1.43' RT. (PROP. NORTH DRESDEN RD)=
STA. 5+00.00 (EX. NORTH DRESDEN RD)
BB STA. 15+50.00 (PROP. NORTH DRESDEN RD)=
STA. 16+61.31 (EX. NORTH DRESDEN RD)

EX. SPEASE RD
CURVE DATA (EX5-EX6)

- P.I. STA. 18+31.89
Δ = 10°57'56" LT.
Dc = 13'26'26"
R = 426.29'
T = 40.91'
L = 81.57'
E = 1.96'
- PROP. NORTH DRESDEN RD / SPEASE ROAD
- | PI. STATION | BEARING |
|---------------|-----------------|
| 1 PC=7+45.66 | BK. N54°02'22"E |
| 2 PT=9+28.05 | AH. N01°47'21"E |
| 3 PC=10+95.90 | |
| 4 PT=13+65.46 | AH. N15°16'01"E |

PROP. SPEASE RD
CURVE DATA

- P.I. STA. 12+31.30
Δ = 13°28'40" RT.
Dc = 05°00'00"
R = 1145.92'
T = 135.40'
L = 269.56'
E = 7.97'
- EX. SPEASE ROAD
- | PI. STATION | BEARING |
|----------------|-----------------|
| EX1 PC=7+23.57 | BK. N54°19'11"E |
| EX2 PT=8+97.65 | |

EX. S.R. 16
CURVE DATA
P.I. STA. 408+52.62
Δ = 11°49'00" RT.
Dc = 04°19'00" RT.
Dc = 02°30'00"
R = 2291.83'
L = 300.00'
T = 201.17'
ST = 100.04'
Ts = 387.32'
Es = 13.88'
Lc = 172.67'

* EX. S.R. 16
PLAN REFERENCE
MUS-16-11.79-14.23
DATED 6/50

EX. NORTH DRESDEN RD
CURVE DATA (EX1-EX2)

- P.I. STA. 8+21.91
Δ = 66°31'06" LT.
Dc = 38°12'43"
R = 149.94'
T = 98.34'
L = 174.08'
E = 29.37'

CURVE DATA
S.R. 16

- P.I. STA. 1368+99.90 LT=233.40'
Δ = 42°29'36" LT. ST=116.73'
Δc = 33°44'36" LT. θs = 4°22'30"
Dc = 02°30'00" Ts = 1086.92'
R = 2291.83' Es = 169.53'
Ls = 350.00' Lc = 1349.74'

CURVE DATA
S.R. 16

- P.I. STA. 1348+54.50
Δ = 34°27'25" RT.
Δc = 25°42'25" RT.
Dc = 02°30'00"
R = 2291.83'
Ls = 350.00'
LT = 233.40'
ST = 116.73'
θs = 4°22'30"
Ts = 886.35'
Es = 109.99'
Lc = 1028.28'

- EX. S.R. 16
CURVE DATA
P.I. STA. 400+24.63
Δ = 01°48'00" RT.
Dc = 00°20'00"
R = 17188.73'
T = 270.02'
L = 540.00'
E = 2.12'

PROP. REALIGNED S.R. 16
CURVE DATA

- P.I. STA. 53+77.76
Δ = 67°59'37" RT.
Dc = 28°38'52"
R = 200.00'
T = 134.89'
L = 237.34'
E = 41.23'

PROP. NORTH DRESDEN RD
CURVE DATA

- P.I. STA. 8+43.75
Δ = 52°15'01" LT.
Dc = 28°38'52"
R = 200.00'
T = 98.09'
L = 182.39'
E = 22.76'

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 PROVISION OF SECTION 5511.02 OF THE REVISED CODE OF OHIO

- PROP. REALIGNED S.R. 16
- | PI. STATION | BEARING |
|---------------|-----------------|
| A PC=52+42.88 | BK. N76°02'46"E |
| B PT=54+80.22 | AH. S35°57'38"E |

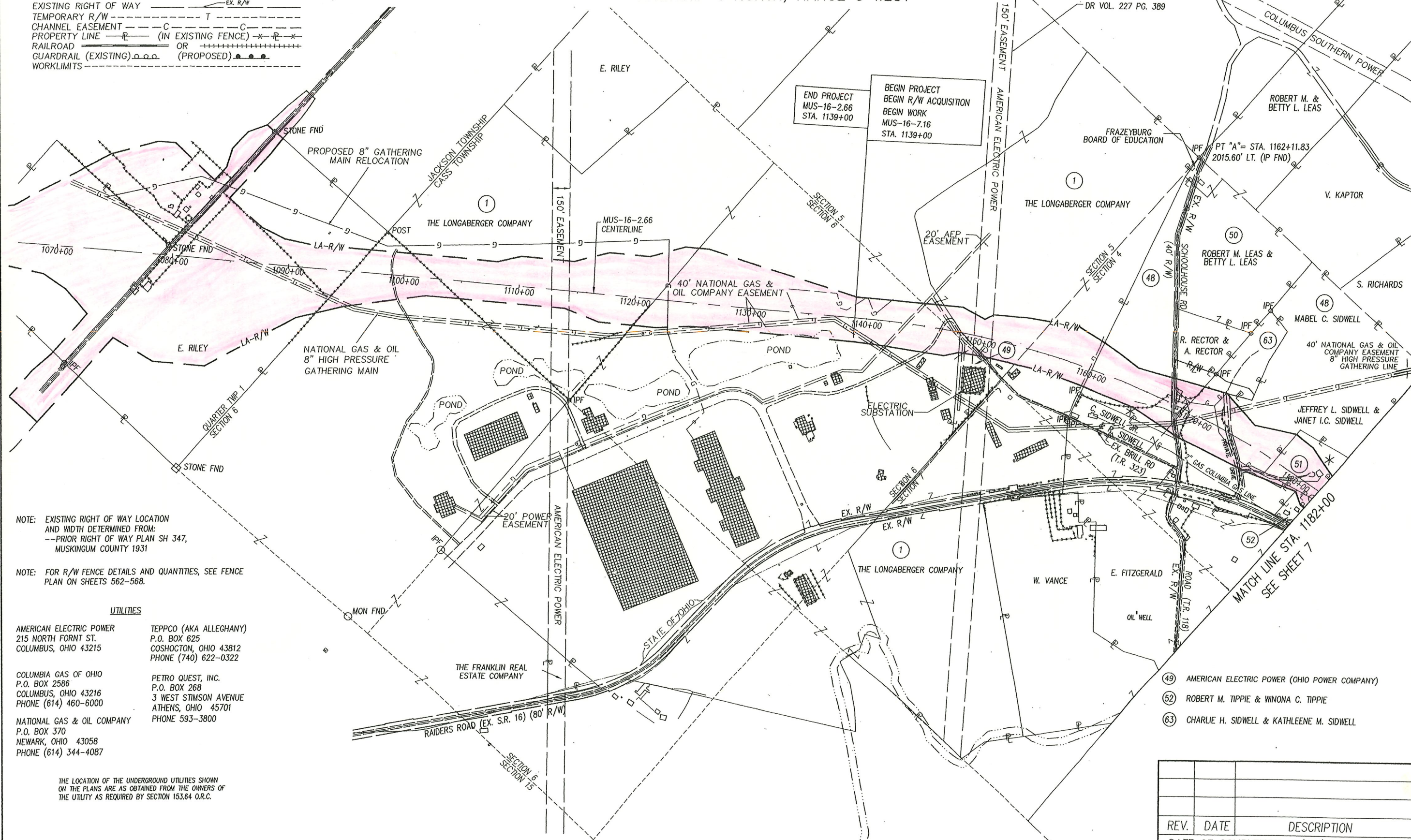
CONVENTIONAL SIGNS

COUNTY LINE
TOWNSHIP LINE
SECTION LINE
CORPORATION LINE
FENCE LINE (EXISTING) OR (PROPOSED)
CENTER LINE
TREES, STUMPS (TO BE REMOVED)
UTILITY POLES: TELEPHONE, POWER, LIGHT
LIMITED ACCESS (ONLY) LA
RIGHT OF WAY (ONLY) RW
LIMITED ACCESS & RIGHT OF WAY LA-RW
EXISTING RIGHT OF WAY EX. R/W
TEMPORARY R/W T
CHANNEL EASEMENT C
PROPERTY LINE (IN EXISTING FENCE) P
RAILROAD OR
GUARDRAIL (EXISTING) OR (PROPOSED)
WORKLIMITS

STRUCTURES KEY:

- - RESIDENTIAL BUILDING
- - COMMERCIAL BUILDING
- * - LANDLOCKED

MUS-16-7.16 MUSKINGUM COUNTY CASS TOWNSHIP SECTIONS 3 & 6 TOWNSHIP 3 NORTH, RANGE 8 WEST



NOTE: EXISTING RIGHT OF WAY LOCATION
AND WIDTH DETERMINED FROM:
--PRIOR RIGHT OF WAY PLAN SH 347,
MUSKINGUM COUNTY 1931

NOTE: FOR R/W FENCE DETAILS AND QUANTITIES, SEE FENCE
PLAN ON SHEETS 562-568.

UTILITIES

AMERICAN ELECTRIC POWER
215 NORTH FORNT ST.
COLUMBUS, OHIO 43215

TEPCO (AKA ALLEGHANY)
P.O. BOX 625
COSHOCTON, OHIO 43812
PHONE (740) 622-0322

COLUMBIA GAS OF OHIO
P.O. BOX 2586
COLUMBUS, OHIO 43216
PHONE (614) 460-6000

PETRO QUEST, INC.
P.O. BOX 268
3 WEST STIMSON AVENUE
ATHENS, OHIO 45701
PHONE 593-3800

NATIONAL GAS & OIL COMPANY
P.O. BOX 370
NEWARK, OHIO 43058
PHONE (614) 344-4087

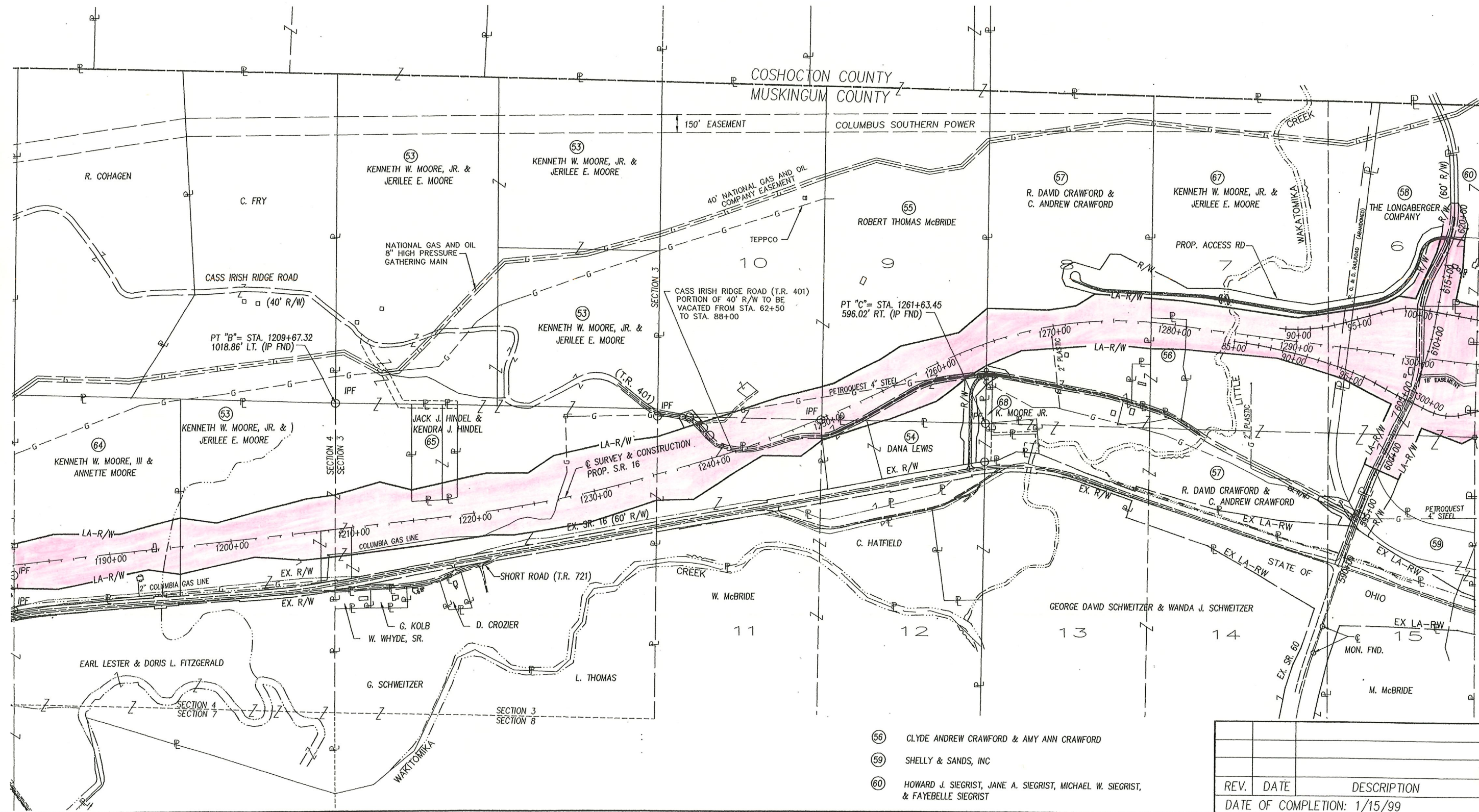
THE LOCATION OF THE UNDERGROUND UTILITIES SHOWN
ON THE PLANS ARE AS OBTAINED FROM THE OWNERS OF
THE UTILITY AS REQUIRED BY SECTION 153.64 O.R.C.

- (49) AMERICAN ELECTRIC POWER (OHIO POWER COMPANY)
- (52) ROBERT M. TIPPET & WINONA C. TIPPET
- (63) CHARLIE H. SIDWELL & KATHLEEN M. SIDWELL

REV.	DATE	DESCRIPTION
DATE OF COMPLETION: 1/15/99		

MUS-16-7.16
MUSKINGUM COUNTY
CASS TOWNSHIP
SECTIONS 3 & 4
QUARTER TOWNSHIP 1
TOWNSHIP 3 NORTH, RANGE 8 WEST
LOTS 6 - 10

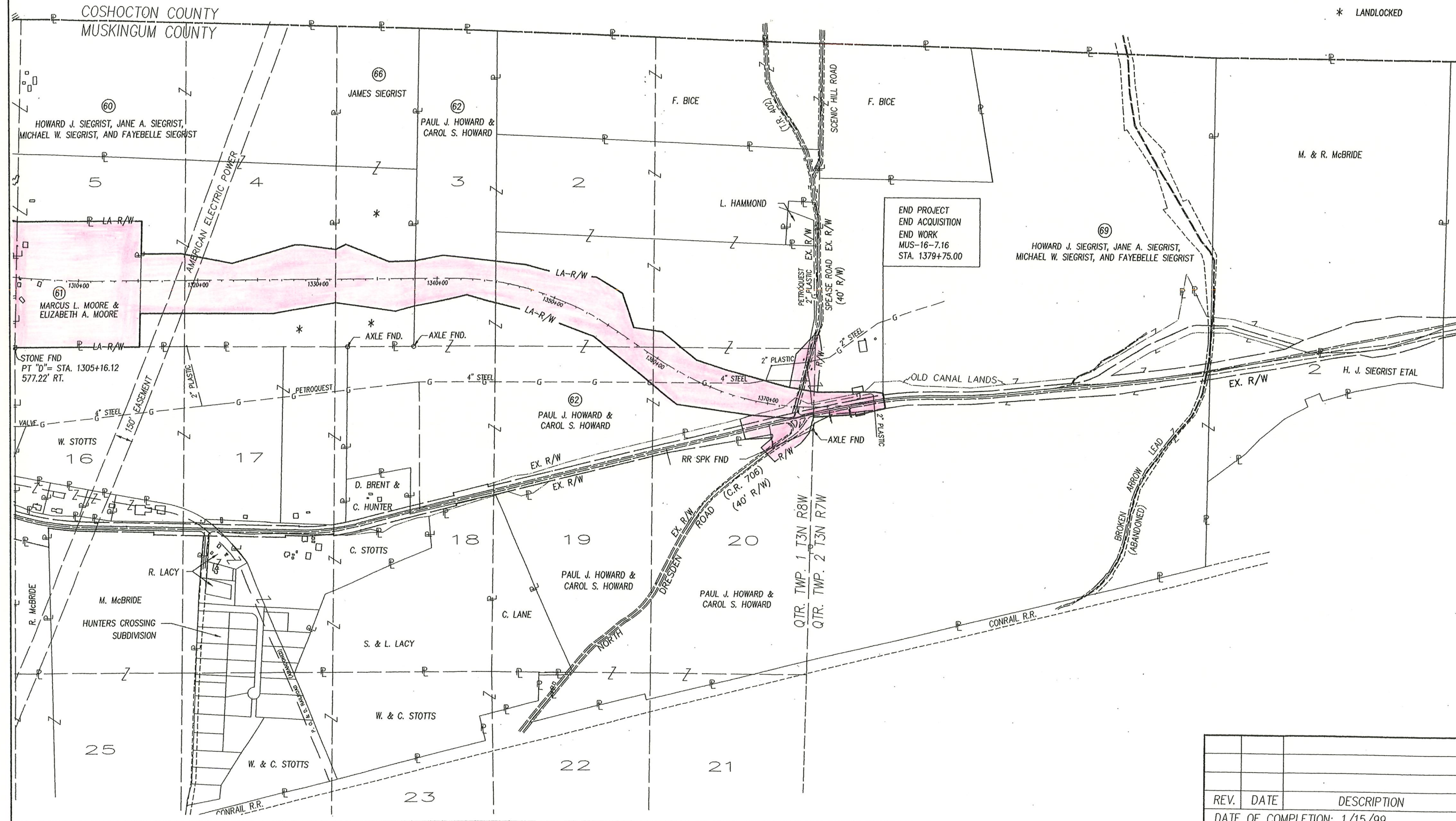
* LANDLOCKED



- 56 CLYDE ANDREW CRAWFORD & AMY ANN CRAWFORD
- 59 SHELLEY & SANDS, INC
- 60 HOWARD J. SIEGRIST, JANE A. SIEGRIST, MICHAEL W. SIEGRIST, & FAYEBELLE SIEGRIST

REV.	DATE	DESCRIPTION
DATE OF COMPLETION: 1/15/99		

MUS-16-7.16
MUSKINGUM COUNTY
CASS TOWNSHIP
QUARTER TOWNSHIPS 1 & 2
TOWNSHIP 3 NORTH, RANGE 8 & 9 WEST
LOTS 1-5 & 16-20



REV.	DATE	DESCRIPTION
DATE OF COMPLETION: 1/15/99		

TOTAL NUMBER OF:

OWNERSHIPS 18

OWNERSHIPS WITH STRUCTURES INVOLVED 2

TOTAL TAKES 1

OWNERSHIPS WITH "P" ITEMS 15

NET RESIDUE = RECORD AREA - TOTAL PRO - NET TAKE

ALL AREAS IN ACRES

GRANTEE:

ALL RIGHT OF WAY ACQUIRED IN THE NAME OF

STATE OF OHIO UNLESS OTHERWISE SHOWN.

PARCEL NO.	OWNER	SHEET NO.	OWNERS RECORD		AUDITOR'S PARCEL	RECORD AREA	TOTAL P.R.O.	GROSS TAKE	P.R.O. IN TAKE	NET TAKE	STRUCT-URE	NET LEFT	RESIDUE RIGHT	TYPE FUND	REMARKS AND PERSONALTY	AS ACQUIRED	
			BOOK	PAGE												BOOK	PAGE
1WL	THE LONGABERGER COMPANY	16-18	1007	525	10-10-04-05-12-000	105.870	0.000	0.679	0.000	0.679	P			STATE	ASPHALT DRIVE TO BE REMOVED.		
			1007	525	10-10-04-06-01-000	256.120	2.228	7.386	0.000	7.386							
			1081	636	10-10-04-05-15-000	73.550	0.000	5.323	0.000	5.323							
			1081	636	10-10-04-04-16-000	18.410	0.000	5.569	0.000	5.569							
	GRAND TOTAL					453.950	2.228	18.957	0.000	18.957		331.343	101.422				
1X		16	1007	525	10-10-04-05-12-000			0.053		0.053							
1X-1		16						0.028		0.028							
2 TO 47	NOT USED																
48WL	MABEL C. SIDWELL	18-20	612	144	10-10-04-04-14-000	0.500	0.124	0.493	0.124	0.369	YES, P				GARAGE, 2 SHEDS, 1 STORY WOOD FRAME HOUSE, GRAVEL DRIVE,		
					10-10-04-04-15-000	18.480	1.005	6.528	0.181	6.347					WATER WELL, SEPTIC TANK, ANTENNA, 3 OIL WELLS, OIL STORAGE		
					10-10-04-04-18-000	0.520	0.061	0.110	0.049	0.061					TANKS, OIL METER & PUMP, AND FENCE TO BE REMOVED.		
					10-10-04-04-21-000	50.170	0.192	9.481	0.192	9.289					ODNR # 3941 OIL WELL OWNED BY KENOIL		
	GRAND TOTAL					69.670	1.382	16.612	0.546	16.066		43.770	8.452				
48X		19			10-10-04-04-21-000			0.078		0.078							
48T		19			10-10-04-04-21-000			0.090		0.090					POND AREA DECREASED		
48T-1		19			10-10-04-04-21-000			0.592		0.592					FOR DRIVE CONSTRUCTION		
48E		18-19			10-10-04-04-15-000			1.388		1.388							
49WL	AMERICAN ELECTRIC POWER (OHIO POWER CO.)	17	1085	586	10-10-04-05-12-001	0.216 **	0.000	0.216	0.000	0.216					** RECORD AREA = 0.130 AC		
					10-10-04-06-01-001	3.480	0.000	0.230	0.000	0.230							
	GRAND TOTAL					3.696	0.000	0.446	0.000	0.446		0.000	3.250				
50WL	ROBERT M. LEAS AND BETTY L. LEAS	19	324	468	10-10-04-04-12-000	26.220	0.609	0.654	0.043	0.611	YES				BARN AND FENCE TO BE REMOVED		
50WV		19						1.052	0.077	0.975							
	GRAND TOTAL					26.220	0.609	1.706	0.120	1.586		24.025	0.000				
51WL	JEFFERY L. SIDWELL AND JANET I.C. SIDWELL	20	1034	603	10-10-04-04-21-002	5.000	0.000	3.803	0.000	3.803	YES, P	1.197	0.000		2 STORY LOG HOUSE, GRAVEL DRIVE, AND FENCE TO BE REMOVED		
51E		20						1.197	0.000	1.197	P				SWINGSET AND SHED TO BE REMOVED.		
52WL	ROBERT E. TIPPIE AND WINONA C. TIPPIE	20	503	689	10-10-04-04-22-000	1.000	0.000	0.240	0.000	0.240	P	0.000	0.760		GRAPE ARBOR TO BE REMOVED AND APPLE ORCHARD REDUCTION		
53WL	KENNETH MOORE, JR. AND JERILEE E. MOORE	22-28	1032	567	10-10-04-04-23-000	44.040	0.000	12.237	0.000	12.237	P				TURF DRIVES, OIL WELL, OIL STORAGE TANKS, AND OIL PUMP		
					10-10-04-03-04-000	64.800	0.054	31.050	0.000	31.050					TO BE REMOVED.		
					10-10-08-51-18-000	18.150	1.165	9.192	1.024	8.168							
	TOTAL 53WL					126.990	1.219	52.479	1.024	51.455							
53WV		27	1032	567	10-10-08-51-18-000			0.221	0.135	0.086							
	GRAND TOTAL					126.990	1.219	52.700	1.159	51.541		26.139	48.091				
54WL	DANA LEWIS	28	1073	287	10-10-08-51-19-001	5.010	0.305	0.890	0.305	0.585	P				TURF DRIVE AND FENCE TO BE REMOVED.		
			1073	290	10-10-08-51-19-002	8.290	0.000	0.057	0.000	0.057							
	TOTAL 54WL					13.300	0.305	0.947	0.305	0.642							
54WV		47			10-10-08-51-19-002	8.290	0.000	0.878	0.000	0.878							
	GRAND TOTAL					13.300	0.305	1.825	0.305	1.520		0.000	11.475				
														STATE			

NOTE: WV PARCELS ACQUIRED IN NAME OF MUSKINGUM COUNTY BOARD OF COMMISSIONERS.

NOTE: ALL TEMPORARY PARCELS TO BE OF 18 MONTHS DURATION.

NOTE: UNDER NO CIRCUMSTANCES ARE TEMPORARY EASEMENTS ACQUIRED FOR THE PURPOSE OF STRUCTURE REMOVAL TO BE USED FOR STORAGE OF MATERIAL OR EQUIPMENT BY THE CONTRACTOR. UPON COMPLETION OF THE WORK REQUIRED FOR SUCH REMOVAL AND SUBSEQUENT RECLAMATION, THE EASEMENT SHALL BE VACATED IMMEDIATELY.

* DENOTES RIGHT OF WAY ENCROACHMENT

REV.	DATE	DESCRIPTION
DATE OF COMPLETION: 1/15/99		

ALL AREAS IN ACRES

PARCEL NO.	OWNER	SHEET NO.	OWNERS RECORD		AUDITOR'S PARCEL	RECORD AREA	TOTAL P.R.O.	GROSS TAKE	P.R.O. IN TAKE	NET TAKE	STRUCT-URE	NET LEFT	RESIDUE RIGHT	TYPE FUND	REMARKS AND PERSONALTY	AS ACQUIRED	
			BOOK	PAGE												BOOK	PAGE
55WL	ROBERT THOMAS MCBRIDE	27-30	780	88	10-10-08-51-15-000	80.000	1.008	13.790	0.878	12.912	P			STATE	TURF DRIVE AND FENCE TO BE REMOVED..		
					10-10-08-51-16-000	80.000	0.164	2.765	0.000	2.765							
					10-10-08-51-17-000	5.000	0.000	3.863	0.000	3.863							
	TOTAL 55WL					165.000	1.172	20.418	0.878	19.540							
55WV		29 & 47			10-10-08-51-15-000			1.231	0.128	1.103							
55WV-1		27			10-10-08-51-17-000			0.159	0.000	0.159							
	GRAND TOTAL					165.000	1.172	21.808	1.006	20.802		140.406	2.620				
55X		29			10-10-08-51-15-000			0.067		0.067							
56WL	CLYDE ANDREW CRAWFORD & AMY ANN CRAWFORD	31	1046	555	10-10-08-51-12-001	4.400	0.127	1.348	0.000	1.348		0.000	2.925				
57WL	R. DAVID CRAWFORD & C. ANDREW CRAWFORD	29-31	819	168	10-10-08-51-14-000	78.400	0.555	11.159	0.000	11.159	P				OIL WELLS, 10' STEEL OIL TANK, 10' PLASTIC OIL TANK, AND OIL PUMP TO BE REMOVED.		
57WD		43	819	163	10-10-08-51-26-000	1.700	0.137	0.221	0.073	0.148							
57WV		29 & 47	819	168	10-10-08-51-14-000			0.228	0.086	0.142							
					10-10-08-51-21-000	15.550	0.904	0.027	0.017	0.010							
	TOTAL 57WV					93.950	1.459	0.255	0.103	0.152							
57WV-1		43	819	163	10-10-08-51-26-000			0.168	0.071	0.097							
			819	163	10-10-08-51-25-000	17.000	0.586	0.068	0.041	0.027							
	TOTAL 57WV-1					18.700	0.723	0.236	0.112	0.124							
57WV-2		48			10-10-08-51-14-000			4.146	0.000	4.146							
	GRAND TOTAL					112.650	2.182	16.017	0.288	15.729		51.603	43.136				
57X		30			10-10-08-51-14-000			0.159		0.159							
58WL	THE LONGABERGER COMPANY	33-34, 44-46	1139	97	10-10-08-51-07-000	52.150	0.257	22.994	1.827	21.167	YES, P				2 STORY FRAME HOUSE, SHED, CARPORT, 50' ANTENNA, SEPTIC TANK, OIL WELL, GRAVEL DRIVE, AND FENCE TO BE REMOVED.		
					10-10-08-51-05-000	15.660	0.705	2.519	0.438	2.081							
	TOTAL 58WL					67.810	0.962	25.513	2.265	23.248					ODNR #499 S.E. LARGE (PLUGGED) OIL WELL		
58WD		46	970	178	10-10-08-51-07-000			0.565	0.236	0.329							
58WD-1		43-44			10-10-08-51-07-000			1.300	0.287	1.013					* FENCE		
58WV		51			10-10-08-51-07-000			1.985	0.000	1.985							
	GRAND TOTAL					67.810	0.962	29.363	2.788	26.575		25.373	14.900				
59WD	SHELLY AND SANDS, INC.	43-44	566	543	10-10-08-51-06-000	7.500	0.270	1.444	0.270	1.174							
					10-10-08-51-06-001	1.430	1.040	0.244	0.100	0.144							
	GRAND TOTAL					8.930	1.310	1.688	0.370	1.318		0.000	6.302				
60WL	HOWARD J. SIEGRIST, MICHAEL W. SIEGRIST, AND FAYEBELLE SIEGRIST	46	849	251	10-10-08-51-02-000	4.460	0.541	2.671	0.404	2.267	YES, P				2 STORY FRAME HOUSE, 2 SHEDS, WATER WELL, GREENHOUSE, SEPTIC TANK, AND LEACHFIELD TO BE REMOVED.		
60WL-1		35-37	851	345	10-10-08-41-12-000	48.600	0.000	13.857	0.000	13.857					* FENCE		
			849	251	10-10-08-41-08-000	23.600	0.000	4.210	0.000	4.210							
	TOTAL 60WL-1					72.200	0.000	18.067	0.000	18.067							
60WD		46	849	251	10-10-08-51-01-000	5.600	0.859	0.584	0.307	0.277					* FENCE		
			849	251	10-10-08-51-02-000	4.460	0.541	0.198	0.042	0.156							
	TOTAL 60WD					10.060	1.400	0.782	0.349	0.433							
	GRAND TOTAL					82.260	1.400	21.520	0.753	20.767		49.290	10.803				
60E		35-37, 45	849	251	10-10-08-41-12-000			8.446	0.000	8.446							
					10-10-08-41-08-000			2.357	0.000	2.357							
61WL	MARCUS L. MOORE AND ELIZABETH A. MOORE	34-35, 45-46	852	177	10-10-08-41-09-000	24.925 **	0.000	24.925	0.000	24.925	YES, P				TOTAL TAKE (** RECORD AREA = 24.930 AC) : 3 SHEDS, SEPTIC TANK, CISTERN, GARAGE, 2 ONE STORY HOUSES, AND FENCE TO BE REMOVED.		
														STATE			

NOTE: WV PARCELS ACQUIRED IN NAME OF MUSKINGUM COUNTY BOARD OF COMMISSIONERS.

NOTE: ALL TEMPORARY PARCELS TO BE OF 18 MONTHS DURATION.

NOTE: UNDER NO CIRCUMSTANCES ARE TEMPORARY EASEMENTS ACQUIRED FOR THE PURPOSE OF STRUCTURE REMOVAL TO BE USED FOR STORAGE OF MATERIAL OR EQUIPMENT BY THE CONTRACTOR. UPON COMPLETION OF THE WORK REQUIRED FOR SUCH REMOVAL AND SUBSEQUENT RECLAMATION, THE EASEMENT SHALL BE VACATED IMMEDIATELY.

* DENOTES RIGHT OF WAY ENCROACHMENT

REV.	DATE	DESCRIPTION
DATE OF COMPLETION: 1/15/99		

RESOURCE INTERNATIONAL, INC.
PROJECT NO. W-5201

ALL AREAS IN ACRES																	
PARCEL NO.	OWNER	SHEET NO.	OWNERS RECORD		AUDITOR'S PARCEL	RECORD AREA	TOTAL P.R.O.	GROSS TAKE	P.R.O. IN TAKE	NET TAKE	STRUCT-URE	NET LEFT	RESIDUE RIGHT	TYPE FUND	REMARKS AND PERSONALTY	AS ACQUIRED	
			BOOK	PAGE												BOOK	PAGE
62WL	PAUL J. HOWARD AND CAROL S. HOWARD	37-41	1093	547	10-10-08-41-04-000	39.830	0.000	5.376	0.000	5.376	P			STATE	OIL WELLS, CONCRETE WALL, AND FENCE TO BE REMOVED.		
					10-10-08-41-13-000	30.000	0.000	11.628	0.000	11.628					* FENCE		
					10-10-08-41-16-000	30.000	0.141	0.462	0.051	0.411							
					10-10-08-41-37-000	66.970	3.759	1.441	0.000	1.441							
					10-10-08-41-39-000	75.640	7.575	9.709	0.179	9.530							
	TOTAL 62WL					242.440	11.475	28.616	0.230	28.386							
62WD		41			10-10-08-41-39-000			3.313	2.132	1.181					* FENCE		
62WD-1		41-42			10-10-08-41-39-000			1.010	0.214	0.796	P				OIL TANK, PUMP, AND FENCE TO BE REMOVED.		
	GRAND TOTAL					242.440	11.475	32.939	2.576	30.363		72.180	128.422				
63WV	CHARLIE H. AND KATHLEENE M. SIDWELL	19	1119	621	10-10-04-04-21-001	5.124	0.000	0.879	0.000	0.879		4.245	0.000				
63T		19						0.178		0.178					FOR DRIVEWAY CONSTRUCTION		
64WL	KENNETH W. MOORE, III & ANNETTE MOORE	20-22	1136	642	10-10-04-04-23-001	52.850	0.000	12.532	0.000	12.532	YES, P	35.518	4.800		TURF DRIVE, OIL WELL, OIL STORAGE TANKS, 1 STORY METAL FRAME SHED, 3 SHEDS, DOG HOUSE, TRAMPOLINE, GRAVEL DRIVE, AND FENCE TO BE REMOVED.		
															ODNR #4030 OIL WELL OWNED BY KENOIL		
64X		21						0.116		0.116							
64X-1		21						0.045		0.045							
64X-2		22						0.189		0.189							
65WL	JACK J. HINDEL & KENDRA J. HINDEL	24	1137	419	10-10-04-03-04-001	4.475	0.000	0.645	0.000	0.645							
			1137	419	10-10-04-03-04-002	2.189	0.000	0.397	0.000	0.397							
	GRAND TOTAL					6.664	0.000	1.042	0.000	1.042		5.622	0.000				
66WL	JAMES SIEGRIST	37	849	251	10-10-08-41-05-000	40.450 **	0.000	6.643	0.000	6.643		28.893	4.914		* FENCE TOTAL TAKE (**RECORD AREA = 40.400 AC)		
66E		37						4.914		4.914							
66E-1		37						28.893		28.893							
67WL	KENNETH MOORE, JR. AND JERILEE E. MOORE	31-33	580	287	10-10-08-51-12-000	77.530	0.059	11.031	0.000	11.031							
					10-10-08-51-09-000	12.000	0.000	1.191	0.000	1.191							
					10-10-08-51-08-000	5.210	0.078	0.834	0.076	0.758							
	TOTAL 67WL					94.740	0.137	13.056	0.076	12.980							
67WD		43-44			10-10-08-51-08-000			0.163	0.030	0.133							
67WV		43-44			10-10-08-51-08-000			0.101	0.005	0.096							
					10-10-04-51-10-000	3.000	0.082	0.196	0.071	0.125							
					10-10-04-51-11-000	5.000	0.602	0.061	0.037	0.024							
	TOTAL 67WV					13.210	0.762	0.358	0.113	0.245							
67WV-1		48-50			10-10-08-51-08-000	5.210	0.059	0.145	0.000	0.145							
					10-10-08-51-09-000	12.000	0.000	0.299	0.000	0.299							
					10-10-08-51-12-000	77.530	0.082	4.319	0.000	4.319							
	TOTAL 67WV-1							4.763	0.000	4.763							
	GRAND TOTAL					102.740	0.821	18.340	0.219	18.121		52.252	31.546				
67X		31-32			10-10-08-51-12-000	77.530	0.059	0.287	0.000	0.287							
68WV	KENNETH MOORE, JR. AND JERILEE E. MOORE	47	1032	567	10-10-08-51-20-001	0.670	0.023	0.073	0.023	0.050		0.000	0.597				
69WL	HOWARD J. SIEGRIST, MICHAEL W. SIEGRIST, AND FAYEBELLE SIEGRIST	41	866	272	10-10-16-02-24-000	321.400	25.940	2.497	1.325	1.172					* FENCE		
			866	272	10-10-08-41-38-000	1.230	0.431	0.668	0.262	0.406							
	TOTAL 69WL					322.630	26.371	3.165	1.587	1.578							
69WD		41-42			10-10-08-41-38-000	1.230	0.431	1.001	0.216	0.785	P				OIL TANK, PUMP, GAS VALVES, AND FENCE TO BE REMOVED.		
	GRAND TOTAL					322.630	26.371	4.166	1.803	2.363		0.000	293.896				
														STATE			

NOTE: WV PARCELS ACQUIRED IN NAME OF MUSKINGUM COUNTY BOARD OF COMMISSIONERS.

NOTE: ALL TEMPORARY PARCELS TO BE OF 18 MONTHS DURATION.

NOTE: UNDER NO CIRCUMSTANCES ARE TEMPORARY EASEMENTS ACQUIRED FOR THE PURPOSE OF STRUCTURE REMOVAL TO BE USED FOR STORAGE OF MATERIAL OR EQUIPMENT BY THE CONTRACTOR. UPON COMPLETION OF THE WORK REQUIRED FOR SUCH REMOVAL AND SUBSEQUENT RECLAMATION, THE EASEMENT SHALL BE VACATED IMMEDIATELY.

* DENOTES RIGHT-OF WAY ENCROACHMENT

REV.	DATE	DESCRIPTION
DATE OF COMPLETION: 1/15/99		

Owner Number 1

The Longaberger Company, Auditor's Parcel 10-04-04-16-000 (16.42 acres)

Liens:

- 1) Lease by and between Boyd Gravor, Lessor, and the Longaberger Company, Lessee, recorded in Lease Record Volume 281, page 533, (Blanket Easement covering Boyd Gravel, Inc., 53.37 acres: all of Parcel No. 10-08-71-29-000 (28.55 acres) and part of Parcel No. 10-08-71-30-000 (24.82 acres).
- 2) Oil and Gas Lease by and between the Longaberger Manufacturing, Inc., Lessor, and Kenoil, Lessee, recorded in Lease Record Volume 288, page 383, (Blanket Easement 20 acres).
- 3) Lease by and between the Longaberger Manufacturing, Inc., Lessor, and Kesler Sign Company, Lessee, recorded in Lease Record Volume 268, page 209. Extended in Lease Record 290 page 197, (Blanket Easement for sign placement).
- 4) Lease by and between Clayton Roahrig and Iva Roahrig, his wife, Lessor, and Erb Martin, Lessee, recorded in Lease Record Volume 71, page 271, (Blanket Easement 270 acres for oil and gas production).
- 5) Lease by and between T.W. Overholt and Daisy Overholt, his wife, Lessor, and S.W. Bardill, Lessee, recorded in Lease Record Volume 112, page 626, (Blanket Easement 270 acres for oil and gas production).
- 6) Lease by and between Carl S. Lane and Helen A. Lane, his wife, Lessor, and Edco Drilling and Producing, Lessee, recorded in Lease Record Volume 160, page 241, (Blanket Easement 400 acres for oil and gas production).
- 7) Easement to Ohio Power Company of record in Easement Record 5, page 81, (Blanket Easement being the same premises of the grantor in Record Vol. 1007/1081, page 526/636).
- 8) Easement to C.U. Hamilton - Pipe Line of record in Deed Book 250, page 496, (Blanket Easement 19.46 acres for the right to lay 2" pipeline).
- 9) Easement to Ohio Power Company of record in Deed Book 264, page 70, (Strip Easement for a line of poles and wires along S.R. 16 NE 1/4 and SE 1/4 of Section 6).
- 10) Easement to Ohio Power Company of record in Deed Book 408, page 205, (Blanket Easement for the right of ingress/egress and to construct and maintain electric power line).
- 11) Easement to Ohio Power Company of record in Deed Book 511, page 805, (Blanket Easement to construct and maintain an electric transmission line).
- 12) Easement to Ohio Power Company of record in Deed Book 511, page 789, (Blanket Easement to construct and maintain an electric transmission line).
- 13) Easement to Ohio Power Company of record in Deed Book 1085, page 586, (Blanket Easement 3.609 acres; 0.126 acres in section 5 and 3.483 acres in section 6).
- 14) Easement to Ohio Power Company of record in Easement Record 4, page 596, (Blanket Easement being the same premises of the grantor in Record Vol. 1007, page 526).
- 15) Easement to Tree Clearing of record in Deed Book 547, page 398, (Blanket Easement to Ohio Power Company for clearing trees, branches and brush from wires).
- 16) Easement to Ohio Power Company of record in Deed Book 227, page 389, (Blanket Easement to place, erect and maintain electric transmission towers).
- 17) Meter Site in Deed Book 849, page 44, (Blanket Easement for American Well Management Company to construct, maintain, or remove meter station or stations).
- 18) Vacation of Brill Road in Deed Book 1108, page 295, (Strip Easement to vacate 2.193 foot section of Brill Road mostly in section 4 & 7 beginning at intersection of Brill and S.R. 16).
- 19) Right of Way to Sinclair Refining Company of record in Deed Book 293, page 229, (Blanket Easement 100 acres to maintain pipeline for gas and oil).
- 20) Right of Way to National Gas and Oil Corp. of record in Deed Book 756, page 19, (Blanket Easement 400 acres section 6 & 7, for constructing and maintaining pipelines).
- 21) Right of Way to RC Pooling, Inc. Of record in Deed Book 897, page 9, (Blanket Easement 100 acres to install, maintain, operate, replace and remove pipeline).
- 22) Right of Way to National Gas and Oil of record in Deed Book 756, page 1, (Blanket Easement 264 acres section 6 & 15, for constructing and maintaining pipelines).

The Longaberger Company, Auditor's Parcel 10-04-06-01-000 (256.12 acres)

Liens:

- 1) Easement to Ohio Power Company of record in Easement Record 4, page 223, Easement Record 4, page 537, Easement Record 4, page 606, Easement Record 5, page 35, Easement Record 5, page 81, Easement Record 5, page 502, Easement Record 5, page 504, Easement Record 5, page 506, Easement Record 4, page 223, and in Deed Book 1085, page 586, (?).
- 2) Easement to Waste Water Discharge Line of record in Deed Book 1116, page 585, (?).
- 3) Boundary Line Agreement of record in Deed Book 1116 page 580, (?).

Owner Number 48

Mabel C. Sidwell Auditor's Parcel 10-10-04-04-15-000

Liens:

- 1) Easement to Ohio Power Co. of record in Deed Book 264, Page 72, (Blanket Easement to construct and maintain poles and wires for electric or other power).
- 2) Easement to Ohio Power Co. of record in Deed Book 330, page 39, (Blanket Easement to construct and maintain or remove electric power line).
- 3) Right of Way to Sinclair Refining Co. of record in Deed Book 303, page 462. Assigned to FE Products Pipeline Co., in Deed Book 1034, page 63, (Blanket Easement to lay, maintain, remove or replace pipeline for oil and gas. Tract 1: 77.5 acres; Tract 2: 40.13 acres).
- 4) Oil and Gas Lease by and between Orville B. And Bonnie J. Biller, Lessor and Floyd Chaplin, Lessee, recorded in Lease Record 98, page 499, (Blanket Easement 64 acres).
- 5) Oil and Gas Lease by and between Mable Sidwell, widow, Lessor and Irvin Producing Co., Lessee, recorded in Lease Record 163, page 9, (Blanket Easement 90 acres SW 1/4 of Section 4).

Mabel C. Sidwell Auditor's Parcel 10-10-04-04-21-000

Liens:

- 1) Easement to State of Ohio (highway) of record in Deed Book 246, page 386, (Strip Easement Parcel No. 23, 135' wide (1.92 acres).
- 2) Easement to Ingress/Egress of record in Deed Book 1034, page 603, (Strip Easement to S.R. 16 and T.R. 118 (School House Road).
- 3) Right of Way to Sinclair Refining Co. Of record in Deed Book 293, page 198. Assigned to Allegheny Pipeline Co., in Deed Book 518, page 452, (Blanket Easement 155.4 acres; except a part containing 79.35 acres to Ralph S. Robison; also Tract 1, 116.5 acres and Tract 2, 10.25 acres).

- 4) Right of Way to Sinclair Refining Co. Of record in Deed Book 309, page 152, (Blanket Easement 155.4 acres; except a part containing 79.35 acres to Ralph S. Robison; also Tract 1, 116.5 acres and Tract 2, 10.25 acres).
- 5) Right of Way to National Gas and Oil of record in Deed Book 756, page 39, (Blanket Easement 90 acres right of free ingress and egress for laying, constructing, and maintaining pipelines for oil and gas).
- 6) Right of Way to Irvin Producing Co. of record in Deed Book 764, page 32, (Blanket Easement 90 acres to lay pipeline over and through property with ingress and egress).
- 7) Right of Way to W.E. Shrider Co. of record in Deed Book 777, page 283, (Blanket Easement 90 acres to install, maintain, replace and remove gas pipeline).
- 8) Lease by and between Orville and Bonnie J. Biller, Lessor, and Floyd Chaplin, Lessee, recorded in Lease Record 98, page 499, (Blanket Easement 64 acres for drilling and operating for oil and gas).
- 9) Lease by and between Clarence B. And Mabel E. Sidwell, husband and wife, Lessor, and Jebb, Inc., Lessee, recorded in Lease Record 104, page 525, (Blanket Easement 70 acres for drilling and operating for oil and gas).
- 10) Oil and Gas Lease by and between Mable Sidwell, widow, Lessor, and Irvin Producing Co., Lessee, recorded in Lease Record 163, page 9, (Blanket Easement 90 acres SE 1/4 of Section 4).

Owner Number 50

Robert M. Leas and Betty L. Leas Auditor's Parcel 10-10-04-04-12-000

Liens:

- 1) Right of Way to Ohio Fuel Gas Co. of record in Lease Record 83, page 193. (?)
- 2) Right of Way to Sinclair Refining Co. of record in Deed Book 293, page 224. Assigned to Allegheny Pipeline Co., in Deed Book 518, page 452, (Blanket Easement 155.4 acres; except a part containing 79.35 acres to Ralph S. Robison; also Tract 1, 116.5 acres and Tract 2, 10.25 acres).
- 3) Right of Way to National Gas and Oil of record in Deed Book 756, page 21, (Blanket Easement 67 acres for gas or other substances capable of being transported by pipelines).
- 4) Right of Way to Kenoil of record in Deed Book 1070, page 329, (Blanket Easement 2.5 acres right to install, maintain, operate, repair and remove meter for measurement of gas form adjoining lands).
- 5) Right of Way to Clinton Oil Co., of record in Deed Book 1087, page 65, (Blanket Easement 68 acres for pipeline right of way).
- 6) Oil and Gas Lease by and between Robert and Betty Leas, husband and wife, Lessor, and Irvin Producing Co., Lessee, recorded in Lease Record 166, page 259. Lease Ammendment in Lease Record 279, page 397. Lease Consolidation in Lease Record 279, page 569, (Blanket Easement 72 acres: 1st Parcel; 38.96 acres Northwest 1/4 of Section 4, 2nd Parcel; 34.11 acres Southwest 1/4 of Section 4).
- 7) Oil and Gas Lease by and between Robert and Betty Leas, husband and wife, Lessor, and Chester A. Baird, Lessee, recorded in Lease Record 93, page 406. This Lease is assigned to Baird & Co. in Lease Record 94, page 232, (Blanket Easement 72 acres: 39.12 acres in West portion of NW 1/4 of south Section 4 and 32.46 acres north of T.R. 118 in SW 1/4 of south Section 4).
- 8) Lease by and between Robert M. and Betty L. Leas, husband and wife, Lessor, and Floyd E. Chaplin and Paul F. Moran, Lessees, recorded in Lease Record 98, page 501, (Blanket Easement 72 acres for drilling and operating for oil and gas).
- 9) Lease by and between Robert M. and Betty L. Leas, husband and wife, Lessor, and Jebb, Inc., Lessee, recorded in Lease Record 104, page 527, (Blanket Easement 72 acres for drilling and operating for oil and gas).
- 10) Oil and Gas Lease by and between Robert M. and Betty Leas, Lessor, and S.W. Bardill, Lessee, recorded in Lease Record 109, page 183, (Blanket Easement 72 acres for drilling and operating for oil and gas).

Owner Number 51

Jeffrey L. Sidwell and Janet I.C. Sidwell Auditor's Parcel 10-10-04-04-21-002 (5 acres)

Liens:

- 1) Easement to State of Ohio (highway) of record in Deed Book 246, page 386, (Strip Easement Parcel No. 23, 135' wide (1.92 acres).
- 2) Easement to Ingress/Egress of record in Deed Book 1034, page 603, (Strip Easement for ingress and egress right: S.R. 16 and T.R. 118 (School House Road).
- 3) Right of Way to Sinclair Refining Co. of record in Deed Book 293, page 198. Assigned to Allegheny Pipeline Co., in Deed Book 518, page 452, (Blanket Easement 155.4 acres; except a part containing 79.35 acres to Ralph S. Robison; also Tract 1, 116.5 acres and Tract 2, 10.25 acres).
- 4) Right of Way to Sinclair Refining Co. of record in Deed Book 309, page 152, (Blanket Easement 155.4 acres; except a part containing 79.35 acres to Ralph S. Robison; also Tract 1, 116.5 acres and Tract 2, 10.25 acres).
- 5) Right of Way to National Gas and Oil of record in Deed Book 756, page 39, (Blanket Easement 90 acre right of free ingress and egress for laying, constructing, and maintaining pipelines for oil and gas).
- 6) Right of Way to Irvin Producing Co. of record in Deed Book 764, page 32, (Blanket Easement 90 acres to lay pipeline over and through property with ingress and egress).
- 7) Right of Way to W.E. Shrider Co. of record in Deed Book 777, page 283, (Blanket Easement 90 acres to install, maintain, replace and remove gas pipeline).
- 8) Right of Way to Clinton Oil Co. of record in Deed Book 1074, page 261. Amended in Deed Book 1076, page 222, (Blanket Easement 56 acres School House Road & S.R. 16 for one additional road bore).
- 9) Lease by and between Orville B. And Bonnie J. Biller, Lessor, and Floyd Chaplin Lessee, recorded in Lease Record 98, page 499, (Blanket Easement 64 acres for drilling and operating for oil and gas).
- 10) Lease by and between Clarence B. And Mabel E. Sidwell, husband and wife Lessor, and Jebb, Inc., Lessee, recorded in Lease Record 104, page 525, (Blanket Easement 70 acres for drilling and operating for oil and gas).
- 11) Oil and Gas Lease by and between Mable Sidwell, widow, Lessor, and Irvin Producing Co., Lessee, recorded in Lease Record 163, page 9, (Blanket Easement 90 acres SE 1/4 of Section 4).

Owner Number 52

Robert E. Tippie and Winona C. Tippie, Auditor's Parcel 10-10-04-04-22-000

Liens:

- 1) Easement to State of Ohio of record in Deed Book 246, page 386, (Strip Easement Parcel No. 23, 135' wide (1.92 acres).
- 2) Right of Way to Sinclair Refining Company of record in Deed Book 293, page 198,

Assigned to Allegheny Pipeline Company, Deed Book 518, page 452, (Blanket Easement 155.4 acres; except a part containing 79.35 acres to Ralph S. Robison; also Tract 1, 116.5 acres and Tract 2, 10.25 acres).

- 3) Right of Way to Sinclair Refining Co. Of record in Deed Book 309, page 152, (Blanket Easement 155.4 acres; except a part containing 79.35 acres to Ralph S. Robison; also Tract 1, 116.5 acres and Tract 2, 10.25 acres).
- 4) Oil and Gas Lease by and between Orville B. and Bonnie J. Biller, Lessor and Floyd Chaplin, Lessee, recorded in Lease Record 98, page 499, (Blanket Easement 64 acres for drilling and operating for oil and gas).
- 5) Oil and Gas Lease by and between Clarence B. And Mabel E. Sidwell, husband and wife, Lessor, and Jebb Inc., Lessee, recorded in Lease Record 104, page 525, (Blanket Easement 70 acres for drilling and operating for oil and gas).

Owner Number 53

Kenneth Moore, Jr., Auditor's Parcel 10-10-04-03-04-000, 10-10-04-04-23-000, 10-10-08-51-18-000

Liens:

- 1) Reservations, conditions and restrictions of record in Deed Book 1073, page 307, (Blanket Easement 5.018 acres along S.R. 16 westerly at 3904' at a depth of 400' northly from south boundary line, no restaurants).
- 2) Easement to Ohio Department of Transportation of record in Deed Book 892, page 206, (Strip Easement Tract No. 1 (1.755 acres) intersection of S.R. 16 and S.R. 60; Tract No. 2 (1.457 acres) intersection S.R. 16 and S.R. 60).
- 3) Right of Way to the Ohio Fuel Gas Co. of record in Lease Book 83, page 101, (Blanket Easement 217 acres to lay pipeline over and through premises).
- 4) Right of Way to Oxford Oil Co. Of Record in Deed Book 1060, page 537, (Blanket Easement 157 acres for laying, constructing, maintaining or removing one pipeline).
- 5) Note: Timber Cutting Agreement in Misc. Record 6, page 300, (?)
- 6) Oil and Gas Lease by and between James B. and Marjorie E. Rumely, husband and wife, Lessor and Irvin Producing Company, Lessee, recorded in Lease Record 169, page 73. Amendment Lease Record 288, page 386, (Blanket Easement 217 acres for drilling and operating for oil and gas).
- 7) Oil and Gas Lease by and between James B. And Marjorie E. Rumely, husband and wife, Lessor and Irvin Producing Company, Lessee, recorded in Lease Record 200, page 170, (Blanket Easement 137 acres for drilling and operating for oil and gas).
- 8) Oil and Gas Lease by and between James B. And Marjorie E. Rumely, husband and wife, Lessor and Irvin Producing Company, Lessee, recorded in Lease Record 237, page 159, (Blanket Easement 163 acres for drilling and operating for oil and gas).
- 9) Oil and Gas Lease by and between James B. And Marjorie E. Rumely, husband and wife, Lessor and Irvin Producing Company, Lessee, recorded in Lease Record 247, page 281, (Blanket Easement 163 acres for drilling and operating for oil and gas).
- 10) Oil and Gas Lease by and between Kenneth Moore Jr., and Jerilee Moore, husband and wife, Lessor and The Oxford Oil Company, Lessee, recorded in Lease Record 275, page 157, and rerecorded in Lease Record 275, page 339, (Blanket Easement 260 acres).

Kenneth W. Moore, Jr. and Jerilee E. Moore, Auditor's Parcel 10-10-08-51-12-000

Liens:

- 1) Easement to Columbus and Southern Ohio Electric Company of record in Deed Book 452, page 65, (Blanket Easement 94.29 acres for one steel tower for transmission of electric power).
- 2) Easement to Columbus Southern Ohio Electric Company of record in Deed Book 471, page 522, (Blanket Easement 5.175 acres for one steel tower for transmission of electric power).
- 3) Easement to Ohio Power Company of record in Deed Book 460, page 619, (Blanket Easement to construct and maintain or remove an electric power line).
- 4) Easement to County of Muskingum, (highway) of record in Deed Book 266, page 143, (Strip Easement 30' wide for highway).
- 5) Right of Way to Great Lakes Gas Corp. Of record in Deed Book 799, page 208, (Blanket Easement for meter site and any installation of or maintenance of pipelines).
- 6) Right of Way to Vescorp Industrial, Inc. of record in Deed Book 811, page 8, (Strip Easement in state of Ohio right of way along side of S.R. 60 on west side of highway).
- 7) Right of Way to Sinclair Refining Company of record in Deed Book 293, page 180, (Blanket Easement 82.29 acres Lot 7; 5 acres Lot 14; 12 acres Lot 6; 3.5 acres Lot 15).
- 8) Right of Way to National Gas and Oil of record in Deed Book 756, page 27, (Blanket Easement 260 acres to lay, construct, maintain or remove one pipeline).
- 9) Right of Way to Leader Equities, Inc. of record in Deed Book 887, page 296, (Blanket Easement 156.3 acres for right to lay, install, maintain, replace, remove meter for measurement of gas from adjoining lands).
- 10) Right of Way to Oxford Oil Company of record in Deed Book 1060, page 537, (Blanket Easement 157 acres for construction and maintenance or removal of one pipeline and accessories).
- 11) Oil and Gas Lease by and between Kenneth W. Moore, Jr. and Jerilee E. Moore, Lessor and Reliance Energy, Lessee, recorded in Lease Record 255, page 112, (Blanket Easement 35 acres for drilling or operating for oil and gas).

Owner Number 54

C. Andrew Crawford, Auditor's Parcel 10-08-51-13-000

Liens:

- 1) Reservation of Oil and Gas Rights to C. Andrew Crawford in Deed Book 819, page 168, (Blanket Easement 1.125 acres being part of Lot 8 of Adam's First Addition).
- 2) Oil and Gas Lease by and between George W. And Adda E. Pryor, Lessor and South Penn Oil Co., Inc., Lessee, recorded in Lease Record 70 page 30. Affidavit of Non-Compliance in Misc Record 12, page 7. Assigned to Wiltmer Oil and Gas Corp., in Lease Record 72, page 90, (Blanket Easement 120 acres to drill, produce and market oil and gas).
- 3) Oil and Gas Lease by and between R. David Crawford and C. Andrew Crawford and Florence M. Crawford, Lessor, and Miles Production Co., Lessee, recorded in Lease Record 176, page 37, (Blanket Easement 119.0 acres for right to explore, operate and produce oil and gas).
- 4) Oil and Gas Lease by and between David and Christine Crawford, Lessor and Jadoll Inc., Lessee, recorded in Lease Record 150, page 119. Affidavit of Non-Compliance in Misc Record 12 page 7, (Blanket Easement all of Lot 8 and part of Lots 13, 14 and 15 containing 119.0 acres).
- 5) Oil and Gas Lease by and between Clyde Crawford, et al, Lessor, and R.H. Penick, Lessee, recorded in Lease Record 128, page 233, (Blanket Easement 155 acres).

CONTINUED ON 13/51

 RESOURCE INTERNATIONAL INC.
PROJECT NO. W-5205

- Owner Number 55

Liens:

- Owner Number 57

Liens:

- 10) Easement to State of Ohio, of record in Deed Book 283, page 575, (Strip Easement Parcel No. 1, 30' wide).
- 11) Right of Way to Great Lakes Gas Corp., of record in Deed Book 799, page 197, (Blanket Easement 119 acres to construct, lay, install and maintain pipelines for the transportation for oil, gas, condensate, distillate or water).
- 12) Right of Way to National Gas & Oil Co., of record in Deed Book 756, page 5, (Blanket Easement 110 acres to construct and maintain pipeline for the transportation of gas).
- 13) Right of Way to Sinclair Refining Co., of record in Deed Book 293, page 231, (Blanket Easement 119.26 acres being Lot 8 and part of Lots 13, 14, and 15. Right of way to lay, maintain, or remove pipeline for transportation of oil and gas).

Owner Number 58

Liens:

- Owner Number 60

Liens:

- Owner Number 61

Liens:

- Owner Number 62

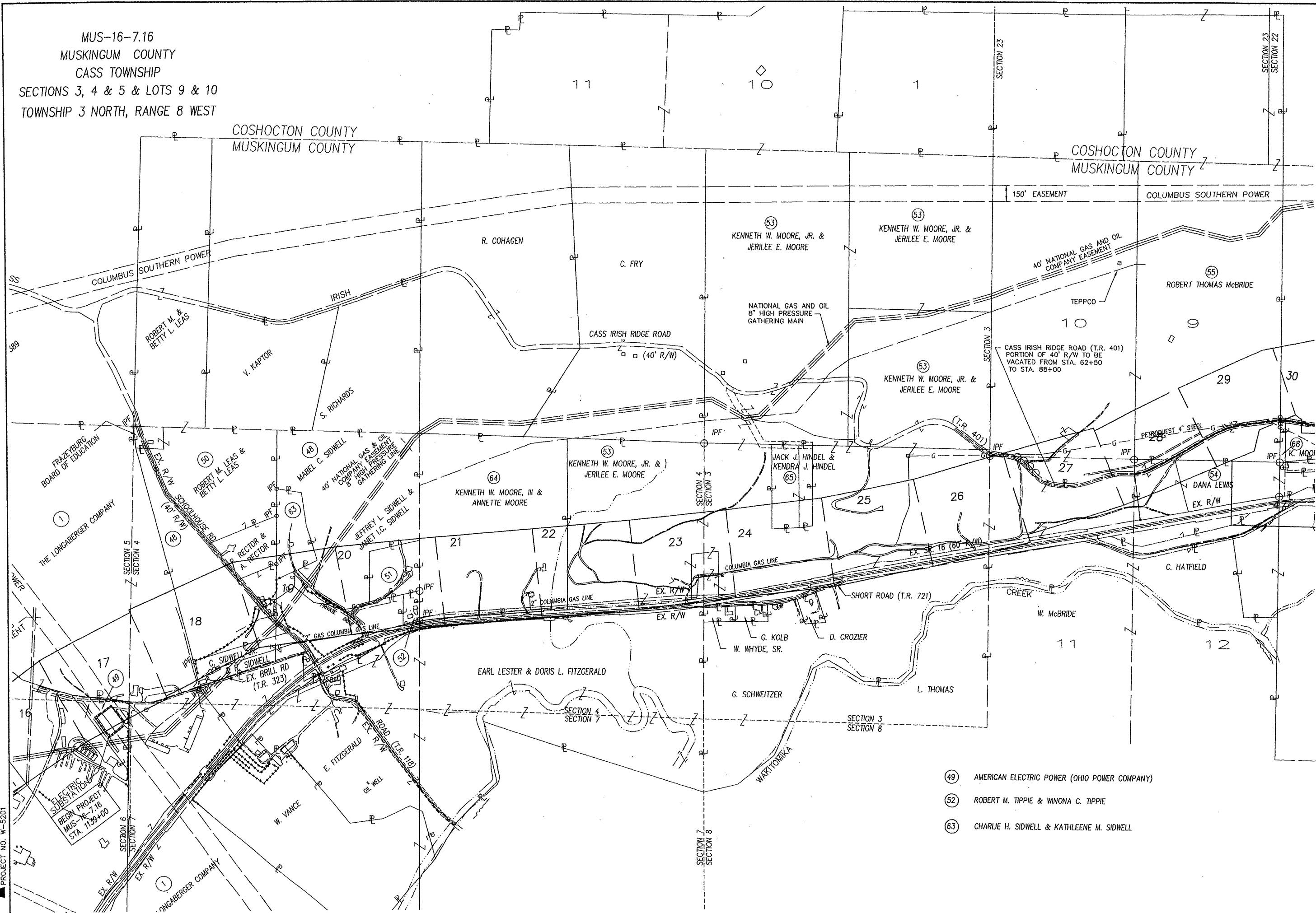
Liens:

- 1) Easement to State of Ohio of record in Deed Book 246, page 367, (Strip Easement Parcel No. 40, 25' wide).
- 2) Easement to State of Ohio of record in Deed Book 246, page 370, (Strip Easement Parcel No. 38 50' wide C.A.&C. railroad).
- 3) Easement to Ohio Bell Telephone of record in Deed Book 248, page 595, (Blanket Easement 173 acres to construct, maintain or remove telephone lines).
- 4) Easement to Ohio Power Company of record in Deed Book 264, page 265, (Blanket Easement to construct and maintain a line of poles and wires for electric or other power).
- 5) Easement to Ohio Power Company of record in Deed Book 276, page 442, (Blanket Easement to construct and maintain a line of poles and wires for electric or other power).
- 6) Easement to Ohio Power Company of record in Deed Book 330, page 474, (Blanket Easement to construct and maintain a line of poles and wires for electric or other power).
- 7) Easement to Columbus & Southern Ohio Electric Company of record in Deed Book 452, page 61, (Blanket Easement 27.12 acres to construct, remove, and maintain one line with steel tower).
- 8) Right of Way to Great Lakes Gas Corp. of record in Deed Book 799, page 202, (Blanket Easement 300 acres to construct, lay, install and maintain pipeline for the transportation of oil, gas, condensate or water).
- 9) Right of Way to New Frontier Explorer of record in Deed Book 858, page 222, (Blanket Easement 49.7 acres for right to lay a pipeline to transport natural gas and oil).
- 10) Right of Way to New Frontier Explorer of record in Deed Book 859, page 243, (Blanket Easement 97.3 acres for right to lay a pipeline to transport natural gas and oil).
- 11) Right of Way to Reliance Energy of record in Deed Book 955, page 157. Assigned in Deed Book 1110, page 561, (Blanket Easement 180 acres right to lay a pipeline over premises, also for meter for measurement of gas).
- 12) Right of Way to New Frontier Exploration of record in Deed Book 893, page 159. Assigned in Deed Book 1053, page 197, (Blanket Easement 103.2 acres for right to lay a pipeline to transport natural gas and oil).
- 13) Oil and Gas Lease between South Penn Oil Company, Lessor, and Wittmer Oil and Gas Corporation, Lessee, recorded in Lease Record 72, page 90, (Blanket Easement transfer or leases from one company to another).
- 14) Lease between Lemert Lacy, Lessor, and Roy J. Blowers, Lessee, recorded in Lease Record 64, page 127, (Strip Easement 1 acre at intersection of S.R. 16 and County Road 402).
- 15) Oil and Gas Lease by and between Lemert Lacy and Amy Lacy, his wife, Lessor, Atha Oil and Gas Company, Lessee, recorded in Lease Record 109, page 796. Assigned to Clarence H. Bauer in Lease Record 111, page 965, (Blanket Easement 299 acres for purpose of mining and operating for oil and gas (9,953 acres).
- 16) Oil and Gas Lease by and between Lemert B. Lacy, widower, Lessor, and the Waverly Oil Works Co., Lessee, recorded in Lease Record 114, page 533, (Blanket Easement 300 acres for drilling and operating for oil and gas).
- 17) NOTE: Affidavit of Non-compliance with terms of Oil and Gas Leases filed September 8, 1977, in Lease Record 10, page 291, (Gerald L. Lacy acquired interest in 289.73 acres from Vol. 720 page 85).
- 18) Oil and Gas Lease by and between Gerald L. and Dorothy M. Lacy, husband and wife, and Paul E. Lacy and Ellen T. Lacy, husband and wife, Lessor, and New Frontier Exploration, Inc., Lessee, recorded in Lease Record 211, page 62, (Blanket Easement 97.3 acres for oil and gas production).
- 19) NOTE: Extension of Lease filed September 20, 1982, in Lease Record 224, page 41, (Blanket Easement extension 97.3 acres oil and gas production).
- 20) Oil and Gas Lease by and between Gerald L. and Dorothy M. Lacy, husband and wife and Paul J. And Carol Sue Howard, husband and wife, Lessor, and New Frontier Exploration, Inc., Lessee, recorded in Lease Record 217, page 161, and re-recorded in Lease Record 217, page 223, page 67, (Blanket Easement 142.64 acres for oil and gas).
- 21) Oil and Gas Lease by and between Gerald L. and Dorothy M. Lacy, husband and wife, Lessor, and Reliance Energy, Lessee, recorded in Lease Record 254, page 239. Assigned to Murphy Oil Company, in Lease Record 289, page 835, (Blanket Easement 1673 acres for oil and gas production).
- 22) Oil and Gas Lease, by and between L.D. Lacy, widower, Lessor, and South Penn Oil Company, Lessee, recorded in Lease Record 70, page 43, (Blanket Easement 165 acres for drilling and operating for oil, gas and water).

MUS-16-7.16
MUSKINGUM COUNTY
CASS TOWNSHIP
SECTIONS 3, 4 & 5 & LOTS 9 & 10
TOWNSHIP 3 NORTH, RANGE 8 WEST

COSHOCTON COUNTY
MUSKINGUM COUNTY

COSHOCTON COUNTY
MUSKINGUM COUNTY



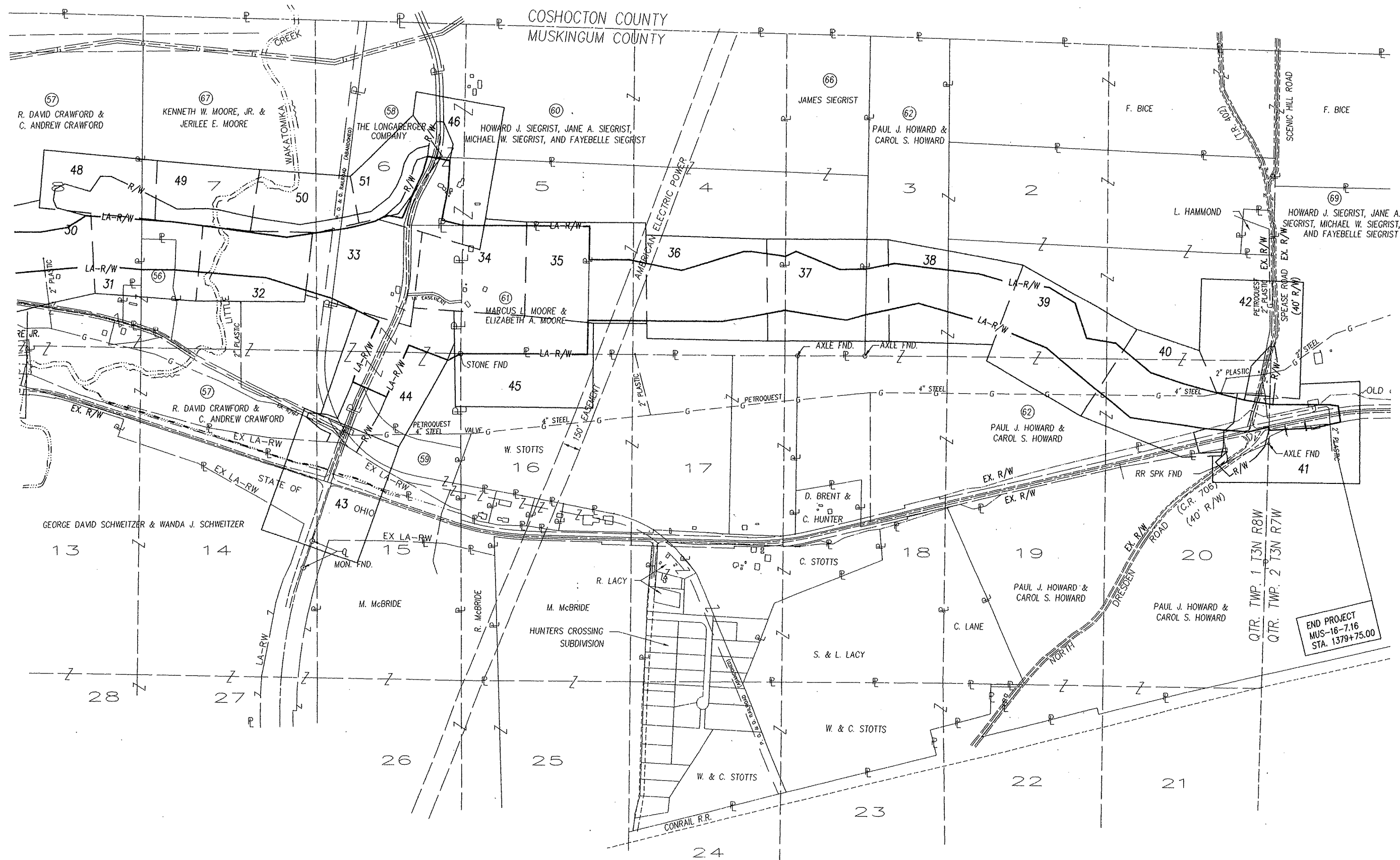
- (49) AMERICAN ELECTRIC POWER (OHIO POWER COMPANY)
- (52) ROBERT M. TIPPIE & WINONA C. TIPPIE
- (63) CHARLIE H. SIDWELL & KATHLEEN M. SIDWELL

SCHEMATIC PLAN

14
60
70

- (56) CLYDE ANDREW CRAWFORD & AMY ANN CRAWFORD
 (59) SHELLY & SANDS, INC.

MUS-16-7.16
 MUSKINGUM COUNTY
 CASS TOWNSHIP
 QUARTER TOWNSHIP 1
 TOWNSHIP 3 NORTH, RANGE 8 WEST
 LOTS 1-8 & 13-20



SCHEMATIC PLAN

MUS-16-7.16

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PID NO.

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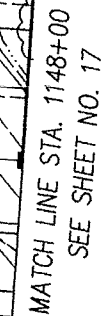
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MUSKINGUM COUNTY
CASS TOWNSHIP
SECTION 5
TOWNSHIP 3 NORTH, RANGE 8 WEST.

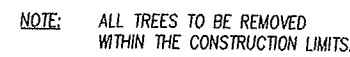
STA. 1139+00



NOTE: ALL TREES TO BE REMOVED
WITHIN THE CONSTRUCTION LIMITS.

REV.	DATE	DESCRIPTION
DATE OF COMPLETION: 1/15/99		

MUSKINGUM COUNTY
CASS TOWNSHIP
SECTION 4
TOWNSHIP 3 NORTH, RANGE 8 WEST



PARCEL
49W

POINT "A" INTERSECTION OF THE HALF SECTION LINES OF SECTIONS
4 AND 5 (IP FOUND AND USED)
STA. 1162+11.83, 2015.60' LT.

REV.	DATE	DESCRIPTION
DATE OF COMPLETION: 1/15/99		

MUSKINGUM COUNTY
CASS TOWNSHIP
SECTION 4

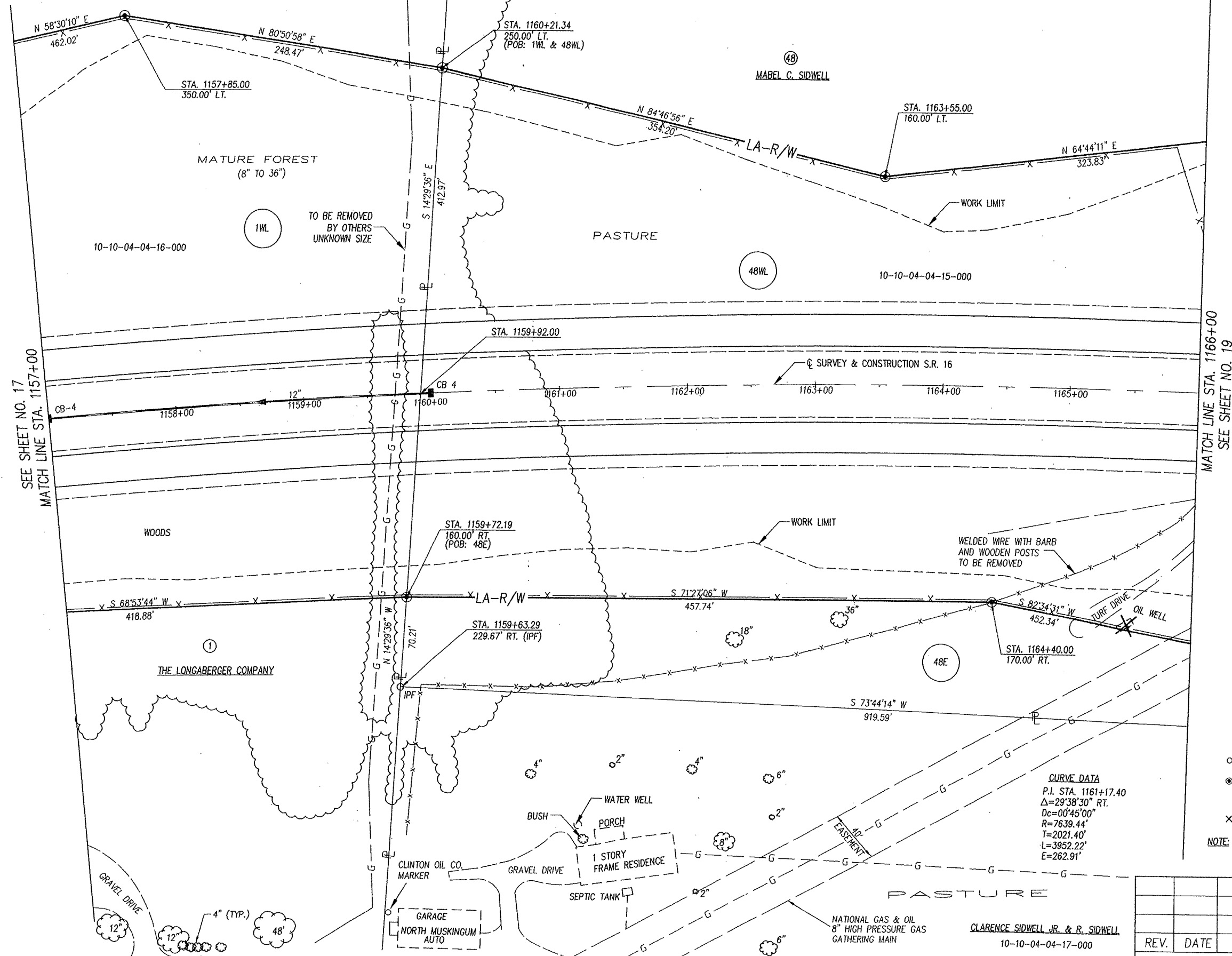
①

PARCEL
1WL
48WL
48E
POINT "A"

PARCEL TE-IN

FROM POINT "A", THENCE S 13°24'30" E, 1778.96' TO THE POB.
FROM POINT "A", THENCE S 13°24'30" E, 1778.96' TO THE POB.
FROM POINT "A", THENCE S 13°36'46" E, 2191.87' TO THE POB.

INTERSECTION OF THE HALF SECTION LINES OF SECTIONS 4 AND 5 (IP FOUND AND USED)
STA. 1162+11.83, 2015.60' LT.



- IP FOUND
- IP SET (3/4" IRON PIN, 30" LONG WITH PLASTIC ID CAP STAMPED "ODOT D-5")
- ✕ PK NAIL SET

NOTE: ALL TREES TO BE REMOVED WITHIN THE CONSTRUCTION LIMITS.

CLARENCE SIDWELL JR. & R. SIDWELL
10-10-04-04-17-000

REV.	DATE	DESCRIPTION
DATE OF COMPLETION: 1/15/99		

MUSKINGUM COUNTY
CASS TOWNSHIP
SECTION 4
TOWNSHIP 3 NORTH, RANGE 8 WEST

- ### POINT DESCRIPTIONS

- (A) STA. 1172+55.00, 415.00' LT.
(B) STA. 1173+18.20, 392.76' LT.
(C) STA. 1173+22.86, 340.25' LT.
(D) STA. 1171+14.92, 290.03' LT.
(E) STA. 1169+28.12, 250.41' LT.
(F) STA. 1170+65.00, 375.00' LT.
(G) STA. 1166+68.43, 203.71' LT. =
STA. 12+20.09 SCHOOL HOUSE ROAD
(H) STA. 1167+01.13, 125.32' LT.
(I) STA. 1168+22.06, 136.38' RT.

- ### COURSES

- | | | |
|----|----------------|---------|
| AB | S 83°13'03" E, | 70.16' |
| BC | S 16°45'20" E, | 52.74' |
| CD | S 64°44'21" W, | 222.26' |
| DE | S 64°44'21" W, | 197.42' |
| GH | S 39°17'04" E, | 85.21' |

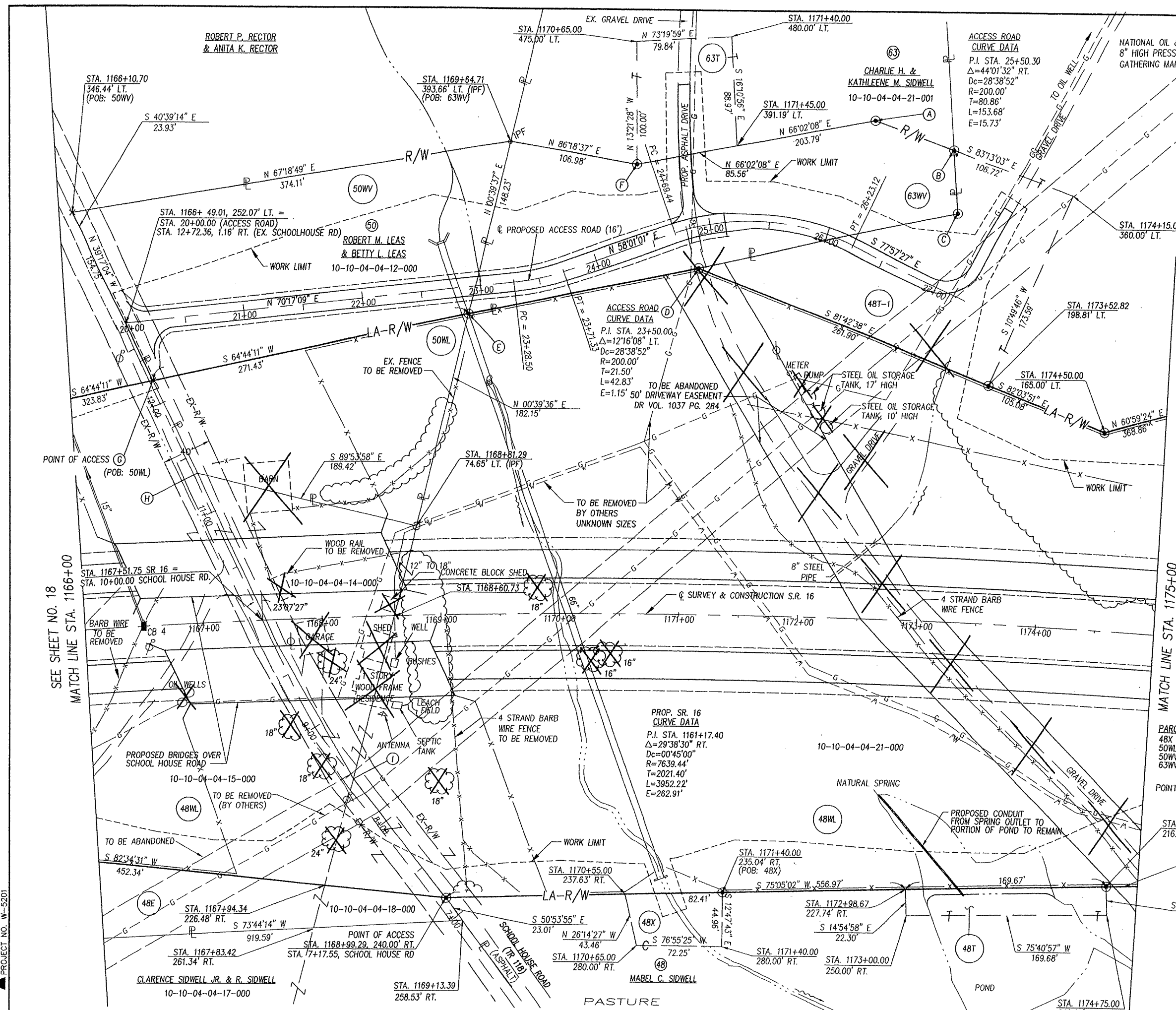
NOTE: ALL TREES TO BE REMOVED
WITHIN THE CONSTRUCTION LIMITS.

PARCEL	PARCEL DE-IN	
48X	FROM POINT "A",	THENCE S 41°01'37" E, 2473.74' TO THE POB.
50WL	FROM POINT "A",	THENCE S 34°08'51" E, 1885.04' TO THE POB.
50WV	FROM POINT "A",	THENCE S 33°41'20" E, 1730.97' TO THE POB.
63WV	FROM POINT "A",	THENCE S 45°12'19" E, 1839.40' TO THE POB.

POINT "A" INTERSECTION OF THE HALF SECTION LINES OF SECTIONS
4 AND 5 (IP FOUND AND USED)
STA. 1162+11.83, 2015.60' LT.

- IP FOUND
- IP SET (3/4" IRON PIN, 30" LONG WITH PLASTIC ID CAP STAMPED "ODOT D-5")
- × PK NAIL SET

REV.	DATE	DESCRIPTION
DATE OF COMPLETION: 1/15/99		



SEE SHEET NO. 18
WATCH LINE STA. 1166+00

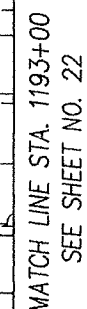
MATCH LINE STA. 1175+00
SEE SHEET NO. 20

RESOURCE INTERNATIONAL INC.
PROJECT NO. W--5201

RIGHT OF WAY PLAN

FROM POINT "B", THENCE S 65°32'37" W, 2535.25' TO THE POB.
FROM POINT "B", THENCE S 56°30'27" W, 2725.47' TO THE POB.

INTERSECTION OF THE HALF SECTION LINES OF SECTIONS 3 AND 4 (IP FOUND AND USED)
STA. 1209+67.32, 1018.86' LT.



① $PT = 214 + 48.83$

NOTE: ALL TREES TO BE REMOVED
WITHIN THE CONSTRUCTION LIMITS.

REV.	DATE	DESCRIPTION
DATE OF COMPLETION: 1/15/99		

PARCEL PARCEL TIE-IN
53WL FROM POINT "B", THENCE S 53°52'41" W, 1571.15' TO THE POB.
64WL FROM POINT "B", THENCE S 42°22'18" W, 1886.89' TO THE POB.
64X-2 FROM POINT "B", THENCE S 47°3'56" W, 2005.03' TO THE POB.

POINT "B" INTERSECTION OF THE HALF SECTION LINES OF SECTIONS
3 AND 4 (IP FOUND AND USED)
STA. 1209+67.32, 1018.86' LT.

<u>PARCEL</u>	<u>PARCEL TIE-IN</u>
53WL	FROM POINT "B", THENCE S 53°52'41" W, 1571.15' TO THE POB.
64WL	FROM POINT "B", THENCE S 42°22'18" W, 1886.89' TO THE POB.
64X-2	FROM POINT "B", THENCE S 47°3'56" W, 2005.03' TO THE POB.

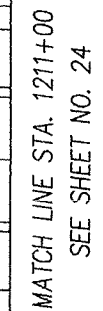
POINT "B" INTERSECTION OF THE HALF SECTION LINES OF SECTIONS
3 AND 4 (IP FOUND AND USED)
STA. 1209+67.32, 1018.86' LT.

- IP FOUND
- IP SET (3/4" IRON PIN, 30" LONG WITH PLASTIC ID CAP STAMPED "ODOT D-5")
- ✕ PK NAIL SET

NOTE: ALL TREES TO BE REMOVED
WITHIN THE CONSTRUCTION LIMITS.

REV.	DATE	DESCRIPTION
DATE OF COMPLETION: 1/15/99		

MUSKINGUM COUNTY
CASS TOWNSHIP
SECTION 3
TOWNSHIP 3 NORTH, RANGE 8 WEST



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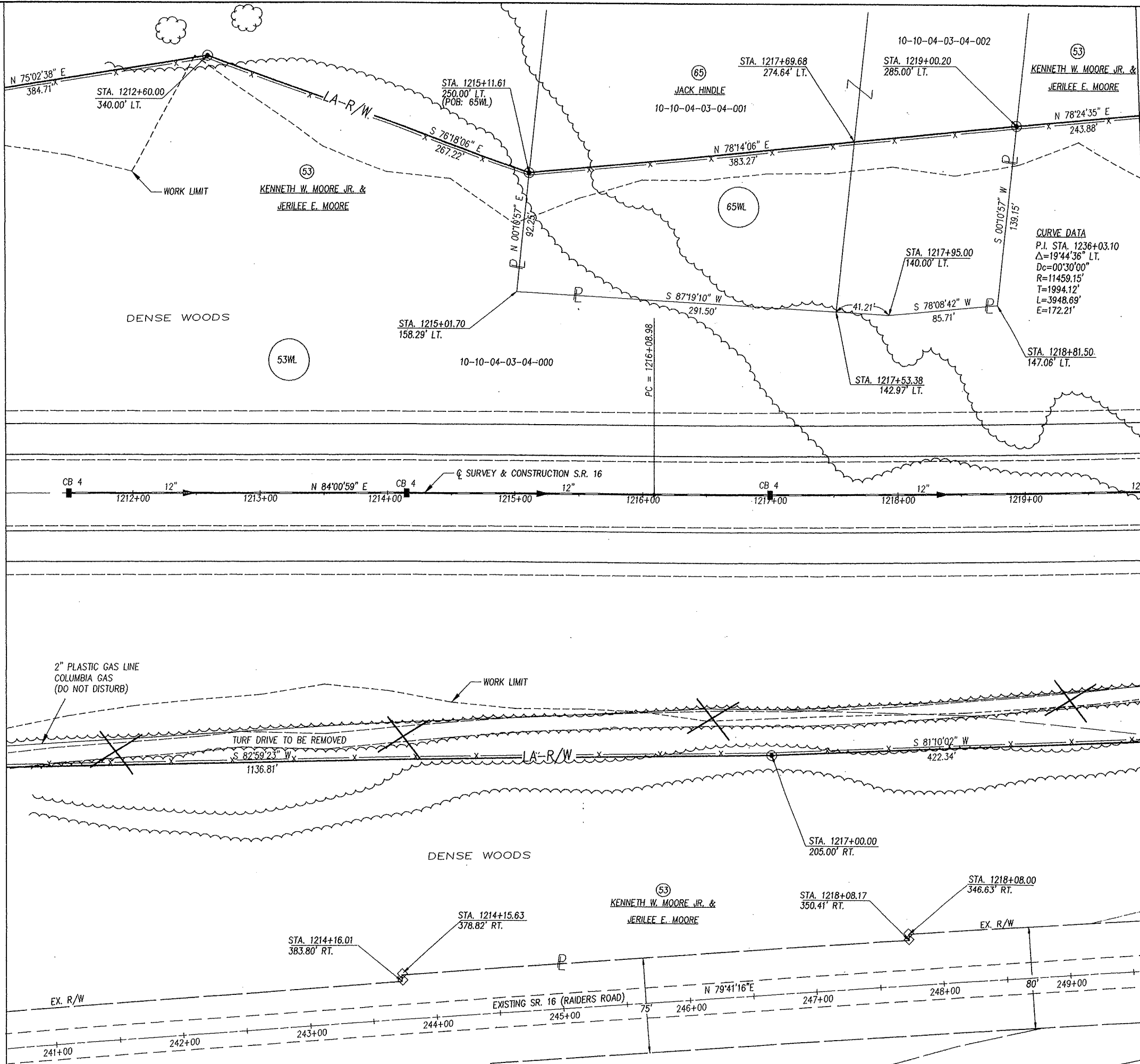
RESOURCE INTERNATIONAL INC.
PROJECT NO. W-5201

- ◇ EX. R/W MONUMENTS
- IP FOUND
- IP SET (3/4" IRON PIN, 30" LONG WITH PLASTIC ID CAP STAMPED "ODOT D-5")
- ✕ PK NAIL SET

NOTE: ALL TREES TO BE REMOVED
WITHIN THE CONSTRUCTION LIMITS.

REV.	DATE	DESCRIPTION
DATE OF COMPLETION: 1/15/99		

SEE SHEET NO. 23
MATCH LINE STA. 1211+00



MATCH LINE STA. 1220+00
SEE SHEET NO. 25

MUSKINGUM COUNTY
CASS TOWNSHIP
SECTION 3
TOWNSHIP 3 NORTH, RANGE 8 WEST

PARCEL 65WL
PARCEL TIE-IN
FROM POINT "B", THENCE S 41°16'44" E, 942.01' TO THE POB.
POINT "B" INTERSECTION OF THE HALF SECTION LINES OF SECTIONS 3 AND 4 (IP FOUND AND USED)
STA. 1209+67.32, 1018.86' LT.

- ◇ EX. R/W MONUMENT
 - IP FOUND
 - IP SET (3/4" IRON PIN, 30" LONG WITH PLASTIC ID CAP STAMPED "ODOT D-5")
 - × PK NAIL SET
- NOTE: ALL TREES TO BE REMOVED WITHIN THE CONSTRUCTION LIMITS.

REV.	DATE	DESCRIPTION

DATE OF COMPLETION: 1/15/99

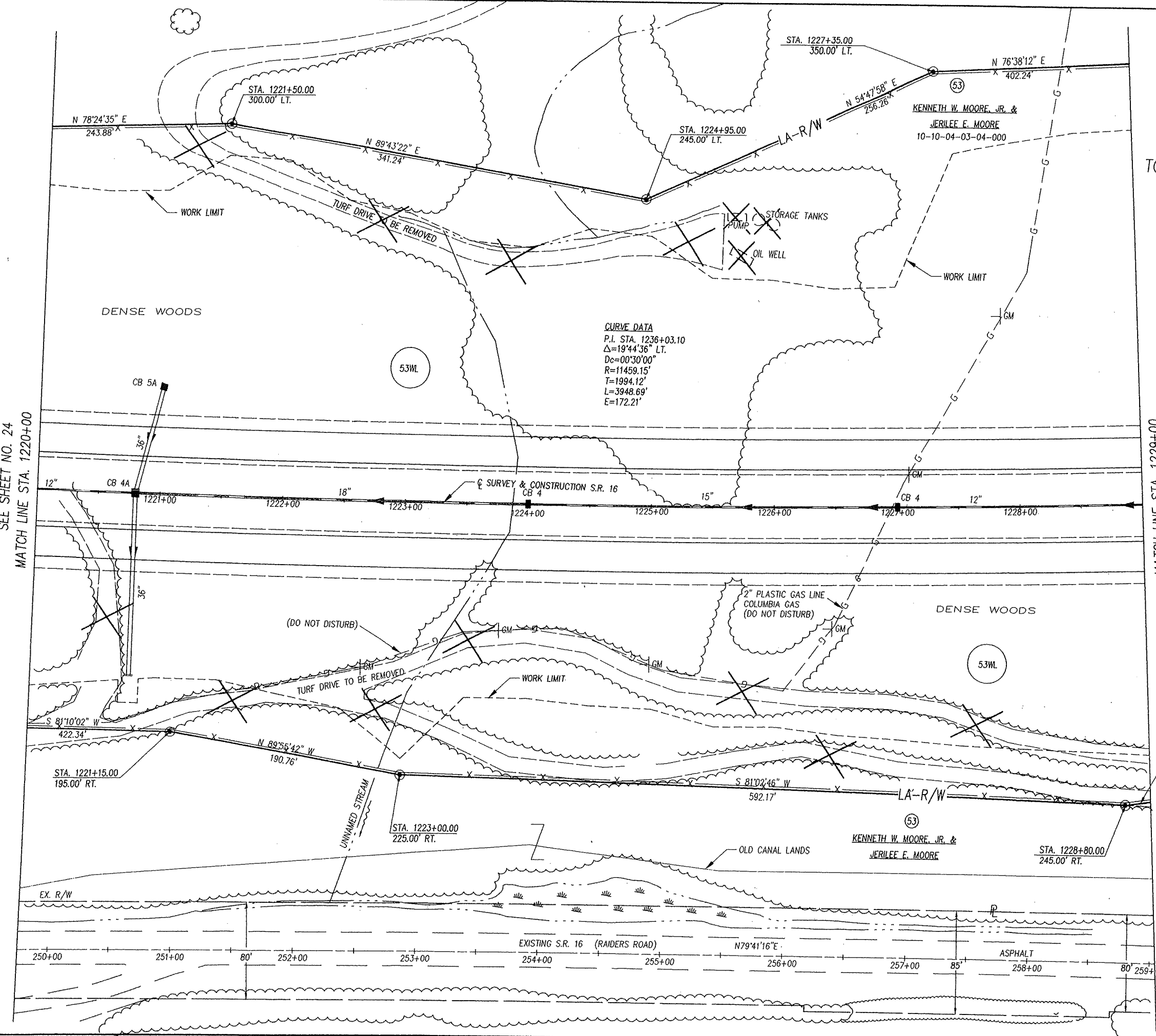
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RESOURCE INTERNATIONAL INC.
PROJECT NO. W-5201

MUSKINGUM COUNTY
CASS TOWNSHIP
SECTION 3
TOWNSHIP 3 NORTH, RANGE 8 WEST

SEE SHEET NO. 24
MATCH LINE STA. 1220+00

MATCH LINE STA. 1229+00
SEE SHEET NO. 26



CURVE DATA
P.I. STA. 1236+03.10
 $\Delta=19^{\circ}44'36''$ LT.
 $Dc=00^{\circ}30'00''$
 $R=11459.15'$
 $T=1994.12'$
 $L=3948.69'$
 $E=172.21'$

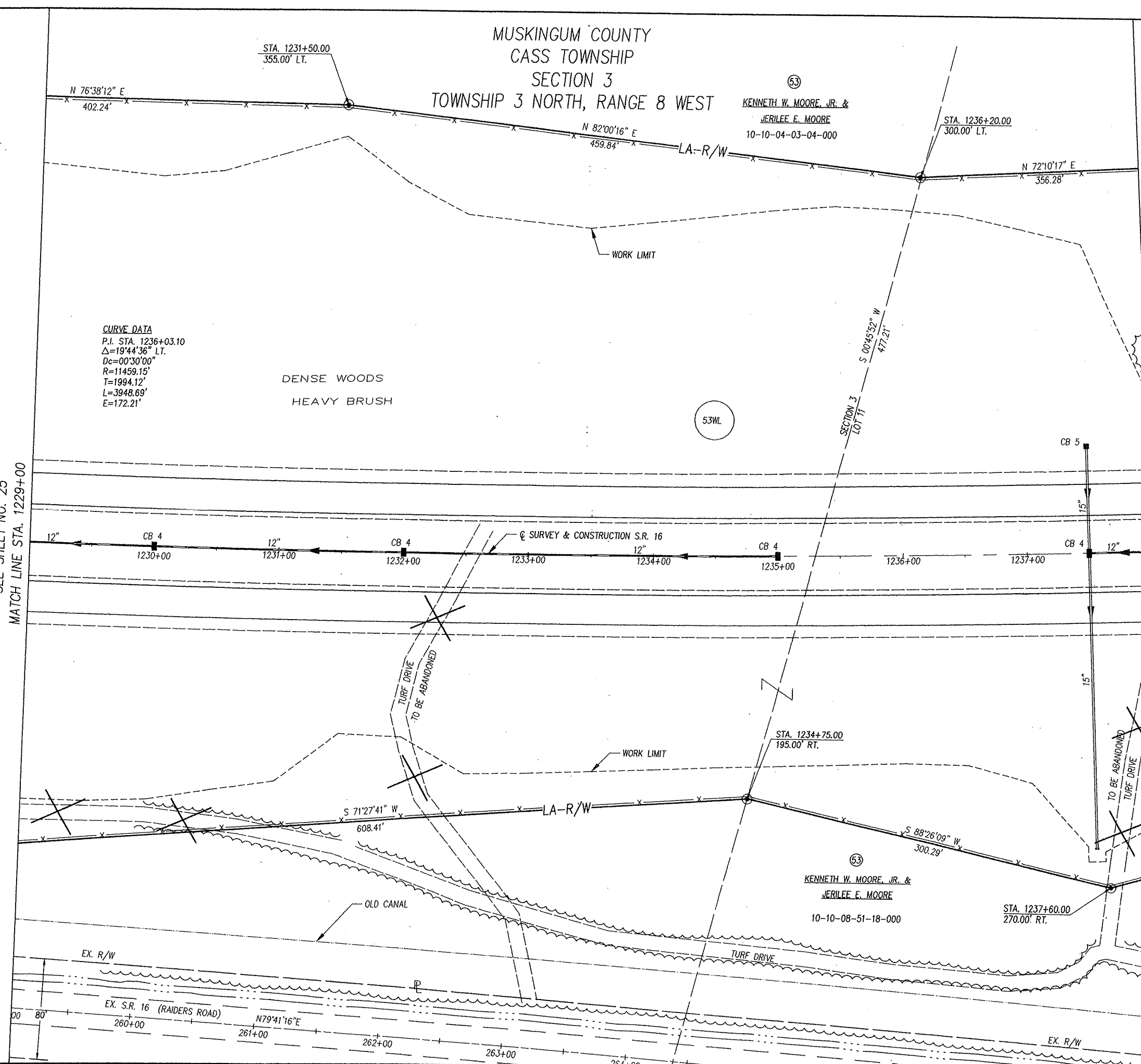
- IP FOUND
 - IP SET (3/4" IRON PIN, 30" LONG WITH PLASTIC ID CAP STAMPED "ODOT D-5")
 - × PK NAIL SET
- NOTE: ALL TREES TO BE REMOVED WITHIN THE CONSTRUCTION LIMITS.
- NOTE: — GM — GAS MARKER

REV.	DATE	DESCRIPTION
DATE OF COMPLETION: 1/15/99		

6: D:\MS\DEPT\1\SR16\RA\SHEET3\RA\SHEET3.dwg Mon May 10 10:55:47 1999

RESOURCE INTERNATIONAL, INC.
PROJECT NO. W-5201

SEE SHEET NO. 25
MATCH LINE STA. 1229+00



CURVE DATA
P.I. STA. 1236+03.10
 $\Delta=19^{\circ}44'36''$ LT.
 $Dc=00^{\circ}30'00''$
 $R=11459.15'$
 $T=1994.12'$
 $L=3948.69'$
 $E=172.21'$

DENSE WOODS
HEAVY BRUSH

53WL

53
KENNETH W. MOORE, JR. &
JERILEE E. MOORE
10-10-04-03-04-000

53
KENNETH W. MOORE, JR. &
JERILEE E. MOORE
10-10-08-51-18-000

MUSKINGUM COUNTY
CASS TOWNSHIP
TOWNSHIP 3 NORTH, RANGE 8 WEST
LOT 11

MATCH LINE STA. 1238+00
SEE SHEET NO. 27

- IP FOUND
- IP SET (3/4" IRON PIN, 30" LONG WITH PLASTIC ID CAP STAMPED "ODOT D-5")
- × PK NAIL SET

NOTE: ALL TREES TO BE REMOVED WITHIN THE CONSTRUCTION LIMITS.

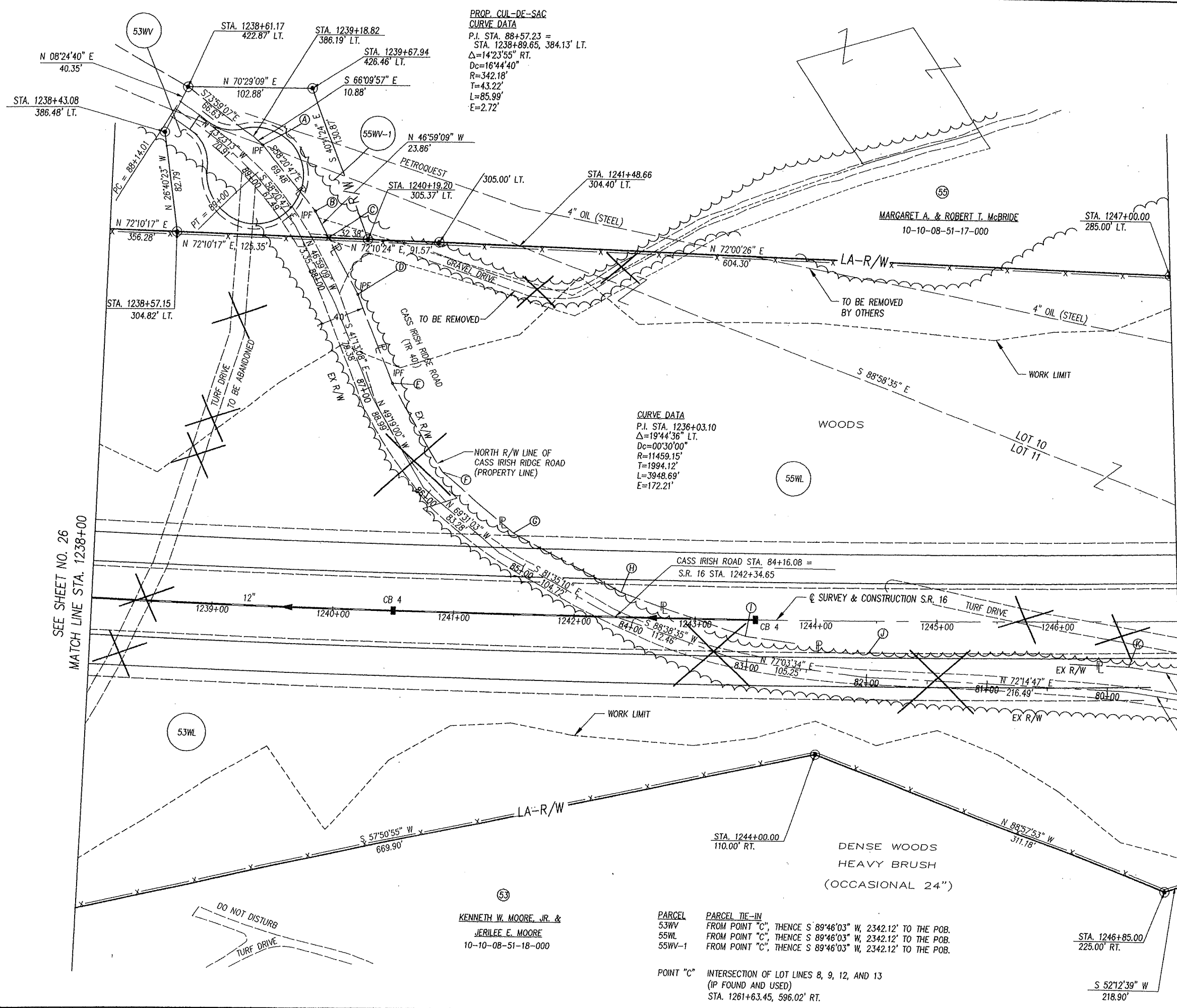
REV.	DATE	DESCRIPTION
DATE OF COMPLETION: 1/15/99		

RIGHT OF WAY PLAN S.R.16

MUS-16-7.16

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MUSKINGUM COUNTY
CASS TOWNSHIP
TOWNSHIP 3 NORTH, RANGE 8 WEST
LOTS 10 & 11



- Ⓐ STA. 1239+27.27, 378.99' LT. (IP FND)
- Ⓑ STA. 1239+73.97, 326.28' LT. (IP FND)
- Ⓒ STA. 1239+85.92, 305.44' LT. (POB: 53WV, 55WL, & 55WV-1)
- Ⓓ STA. 1240+12.06, 259.56' LT. (IP FND)
- Ⓔ STA. 1240+43.71, 186.94' LT. (IP FND)
- Ⓕ STA. 1240+87.62, 114.96' LT.
- Ⓖ STA. 1241+48.40, 66.11' LT.
- Ⓗ STA. 1242+38.38, 19.81' LT.
- Ⓙ STA. 1243+41.79, 13.85' RT.
- Ⓚ STA. 1244+43.24, 26.26' RT.
- Ⓛ STA. 1246+58.96, 37.37' RT.

- CD S $46^{\circ}59'09''$ E, 52.49'
- DE S $41^{\circ}13'08''$ E, 78.97'
- EF S $49^{\circ}19'00''$ E, 84.01'
- FG S $69^{\circ}31'03''$ E, 77.60'
- GH S $81^{\circ}35'10''$ E, 100.90'
- HI N $88^{\circ}38'35''$ E, 108.72'
- IJ N $77^{\circ}03'34''$ E, 102.38'
- JK N $72^{\circ}14'47''$ E, 216.60'

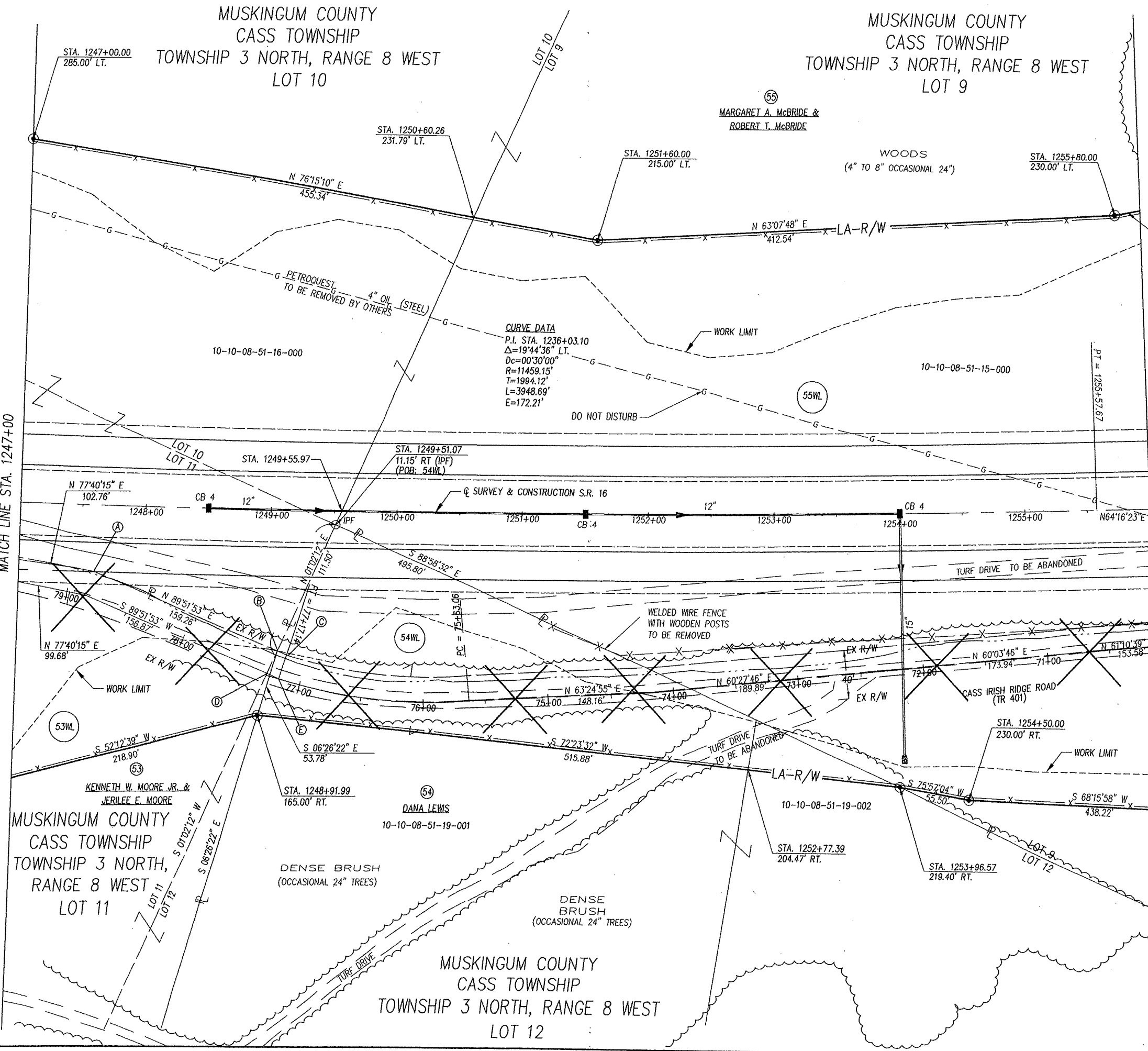
MATCH LINE STA. 1247+00
SEE SHEET NO. 28

SEE SHEET NO. 26
MATCH LINE STA. 1238+00

REV.	DATE	DESCRIPTION
DATE OF COMPLETION: 1/15/99		

SEE SHEET NO. 27
MATCH LINE STA. 1247+00

MATCH LINE STA. 1256+00
SEE SHEET NO. 29



- Ⓐ STA. 1247+60.01, 53.72' RT.
- Ⓑ STA. 1249+06.63, 113.31' RT.
- Ⓒ STA. 1249+15.01, 117.04' RT.
- Ⓓ STA. 1248+98.89, 131.71' RT.
- Ⓔ STA. 1249+08.14, 135.84' RT.

BC S 88°40'29" E, 9.24'
DE N 88°40'29" W, 10.23'

PARCEL 54WL
PARCEL TIE-IN FROM POINT "C", THENCE N 88°58'32" W, 1339.26' TO THE POB.

POINT "C"
INTERSECTION OF LOT LINES 8, 9, 12 AND 13 (IP FOUND AND USED)
STA. 1261+63.45, 596.02' RT.

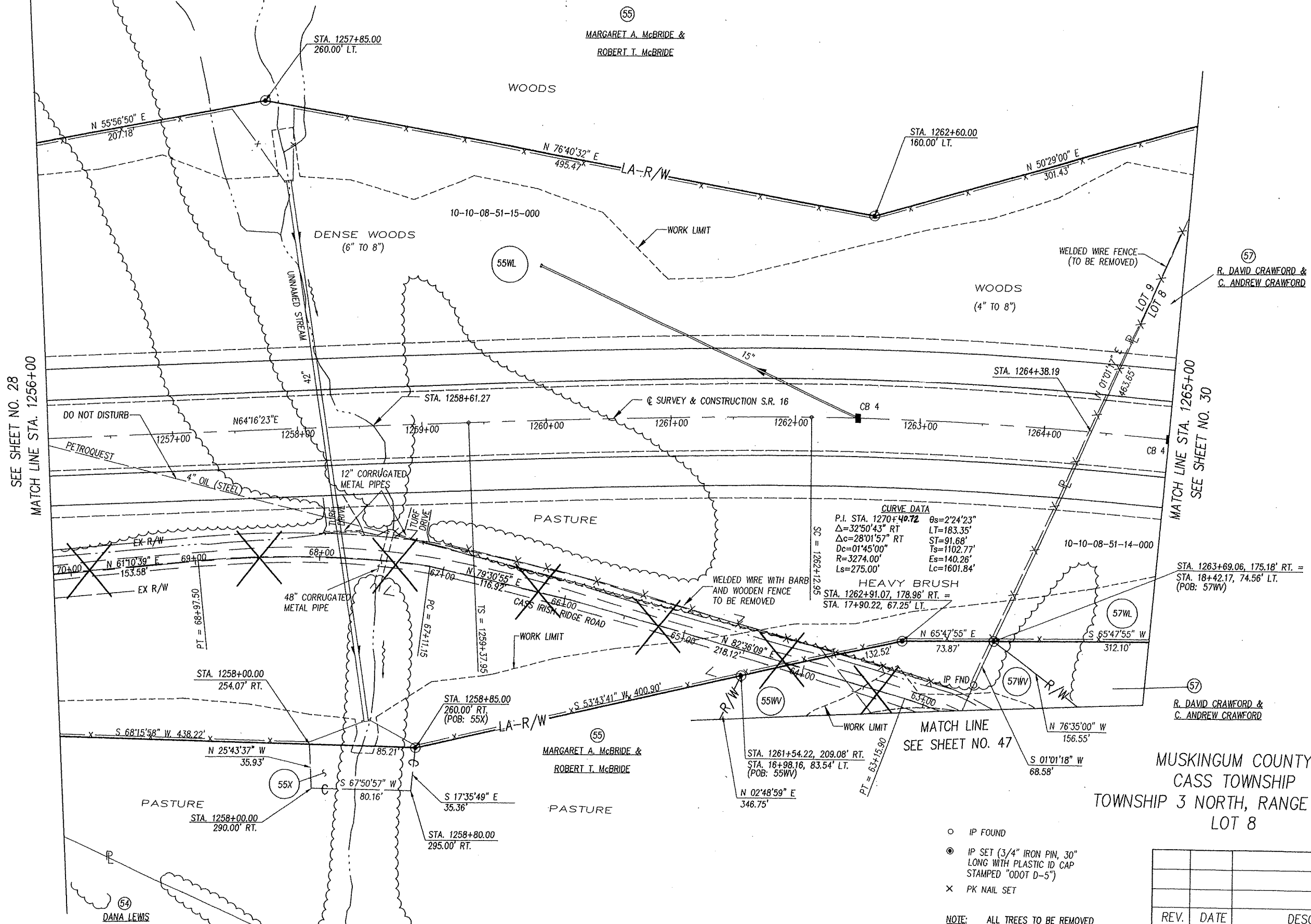
- IP FOUND
- IP SET (3/4" IRON PIN, 30" LONG WITH PLASTIC ID CAP STAMPED "ODOT D-5")
- × PK NAIL SET

NOTE: ALL TREES TO BE REMOVED WITHIN THE CONSTRUCTION LIMITS.

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MUSKINGUM COUNTY
CASS TOWNSHIP
TOWNSHIP 3 NORTH, RANGE 8 WEST
LOT 9

PARCEL
55WV
55X
57WV
FROM POINT "C", THENCE N 25°24'23" W, 387.03' TO THE POB.
FROM POINT "C", THENCE N 63°28'51" W, 427.39' TO THE POB.
FROM POINT "C", THENCE N 01°01'17" E, 458.36' TO THE POB.
POINT "C"
INTERSECTION OF LOT LINES 8, 9, 12 AND 13 (IP FOUND AND USED)
STA. 1261+63.45, 596.02' RT.



- IP FOUND
- IP SET (3/4" IRON PIN, 30" LONG WITH PLASTIC ID CAP STAMPED "ODOT D-5")
- × PK NAIL SET

NOTE: ALL TREES TO BE REMOVED
WITHIN THE CONSTRUCTION LIMITS.

REV.	DATE	DESCRIPTION
DATE OF COMPLETION: 1/15/99		

N 50'29"
30

(55)

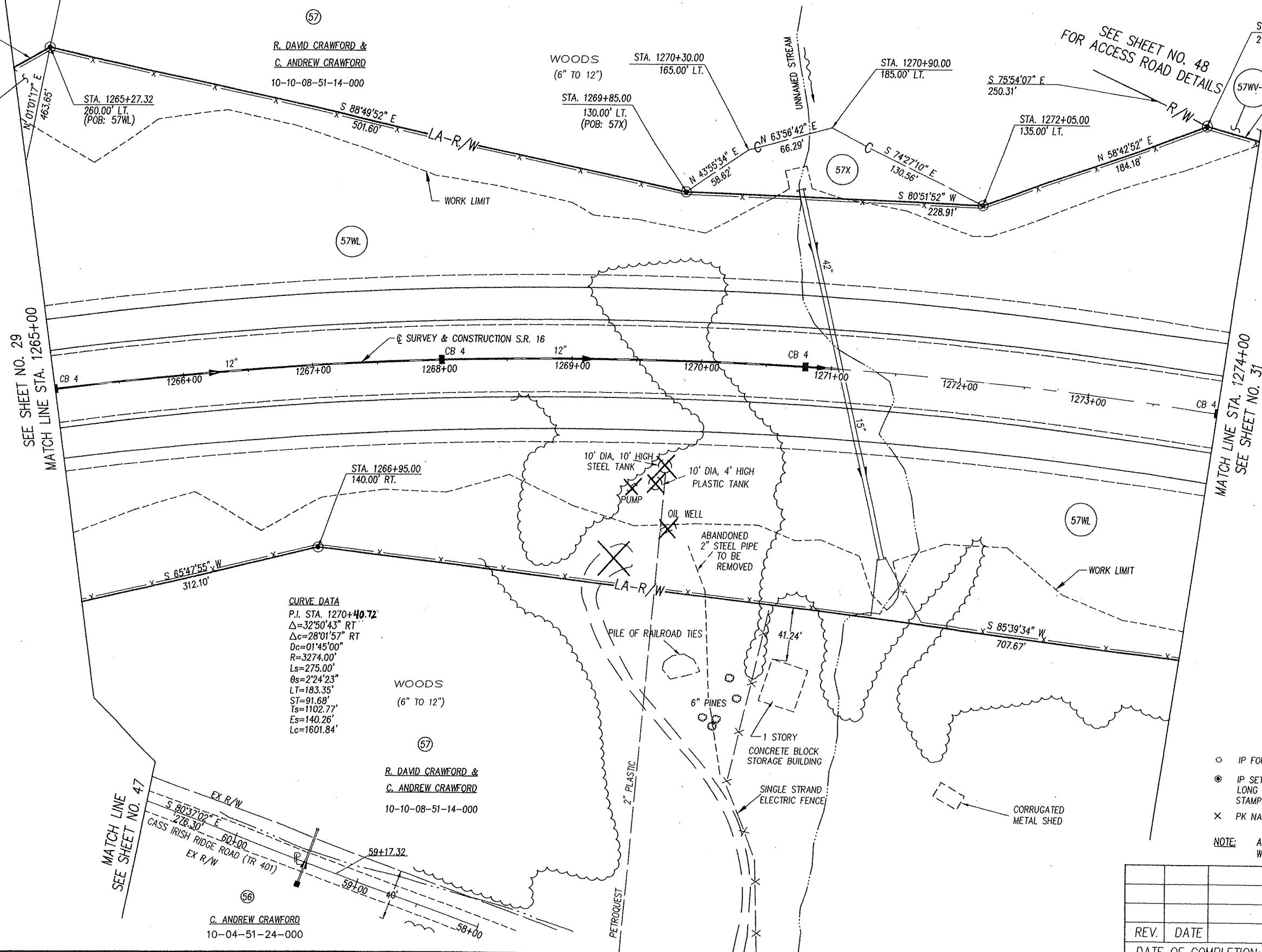
MARGARET A. McBRIDE &
ROBERT T. McBRIDE

10-10-08-51-15-000

PARCEL PARCEL TIE-IN
57WL FROM POINT "C" THENCE N 01°01'17" W, 922.01' TO THE POB.
57X FROM POINT "C", THENCE N 29°36'09" E, 1048.49' TO THE POB.

POINT "C" INTERSECTION OF LOT LINES 8, 9, 12 AND 13 (IP FOUND AND U
STA. 1261+63.45, 596.02' RT.

MUSKINGUM COUNTY
CASS TOWNSHIP
TOWNSHIP 3 NORTH, RANGE 8 WEST
LOT 8

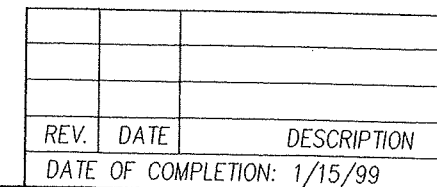


- IP FOUND
- IP SET (3/4" IRON PIN, 30" LONG WITH PLASTIC ID CAP STAMPED "ODOT D-5")
- × PK NAIL SET

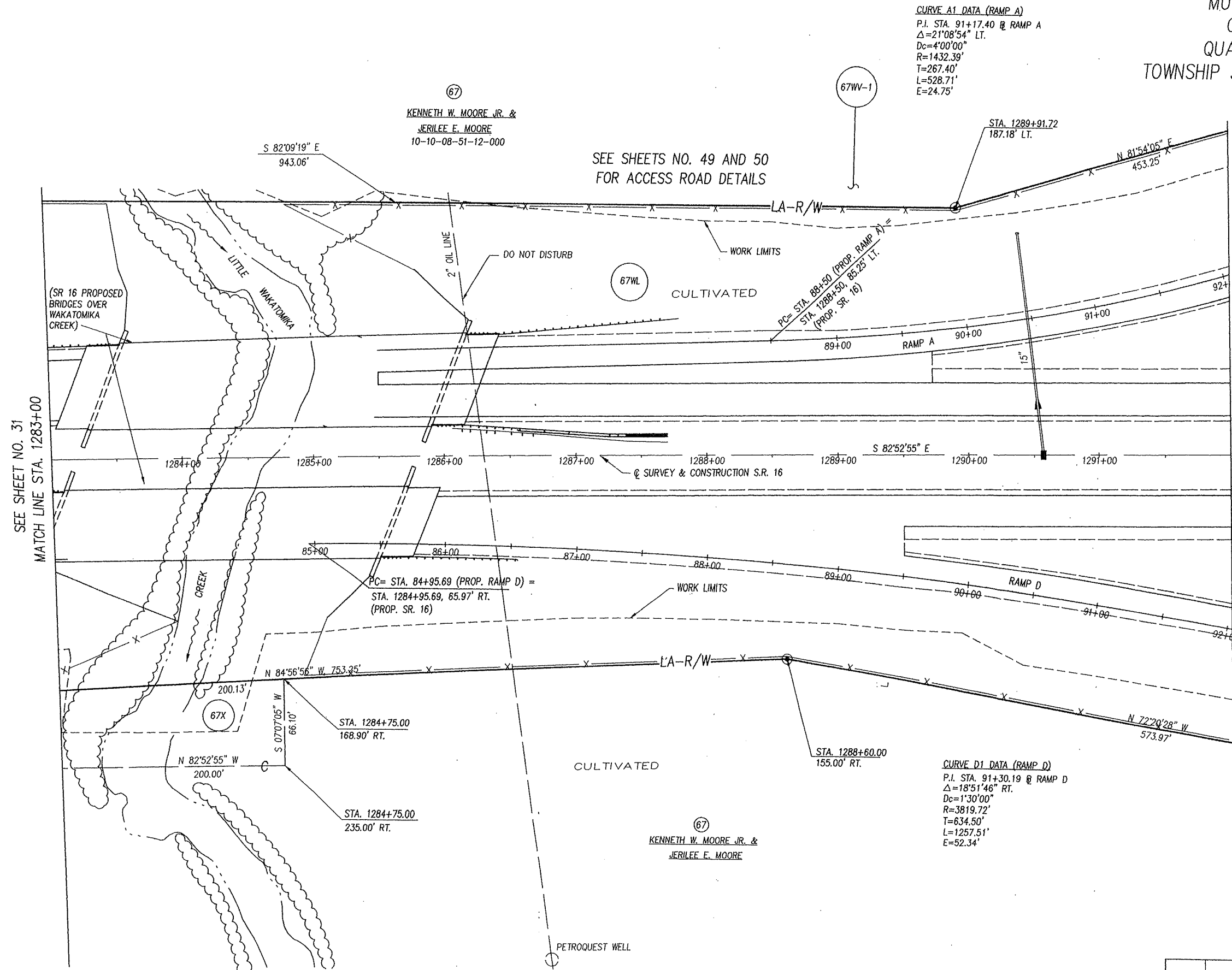
NOTE: ALL TREES TO BE REMOVED WITHIN THE CONSTRUCTION LIMITS.

REV.	DATE	DESCRIPTION
DATE OF COMPLETION: 1/15/99		

MUSKINGUM COUNTY
CASS TOWNSHIP
TOWNSHIP 3 NORTH, RANGE 8 WEST
LOT 7



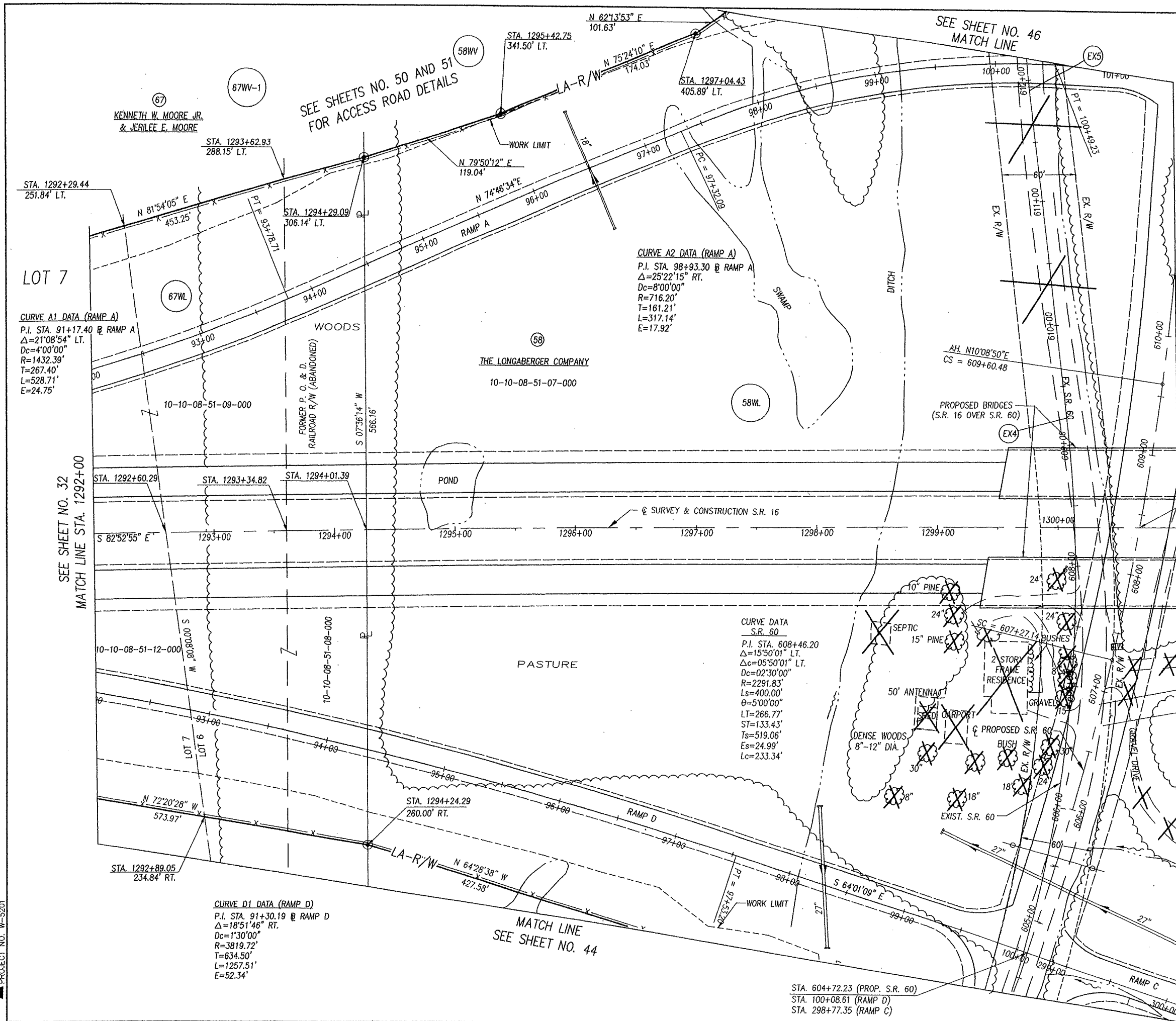
MUSKINGUM COUNTY
CASS TOWNSHIP
QUARTER TOWNSHIP 1
TOWNSHIP 3 NORTH, RANGE 8 WEST
LOT 7



- IP FOUND
- IP SET (3/4" IRON PIN, 30" LONG WITH PLASTIC ID CAP STAMPED "ODOT D-5")
- × PK NAIL SET

NOTE: ALL TREES TO BE REMOVED WITHIN THE CONSTRUCTION LIMITS.

REV.	DATE	DESCRIPTION
DATE OF COMPLETION: 1/15/99		



MUSKINGUM COUNTY
CASS TOWNSHIP
QUARTER TOWNSHIP 1
TOWNSHIP 3 NORTH, RANGE 8 WEST
LOT 6

EX. SR. 60 DATA LABELS
EX4 PT = 609+21.11 AH. N01°11'06"E
EX5 PC = 611+89.63

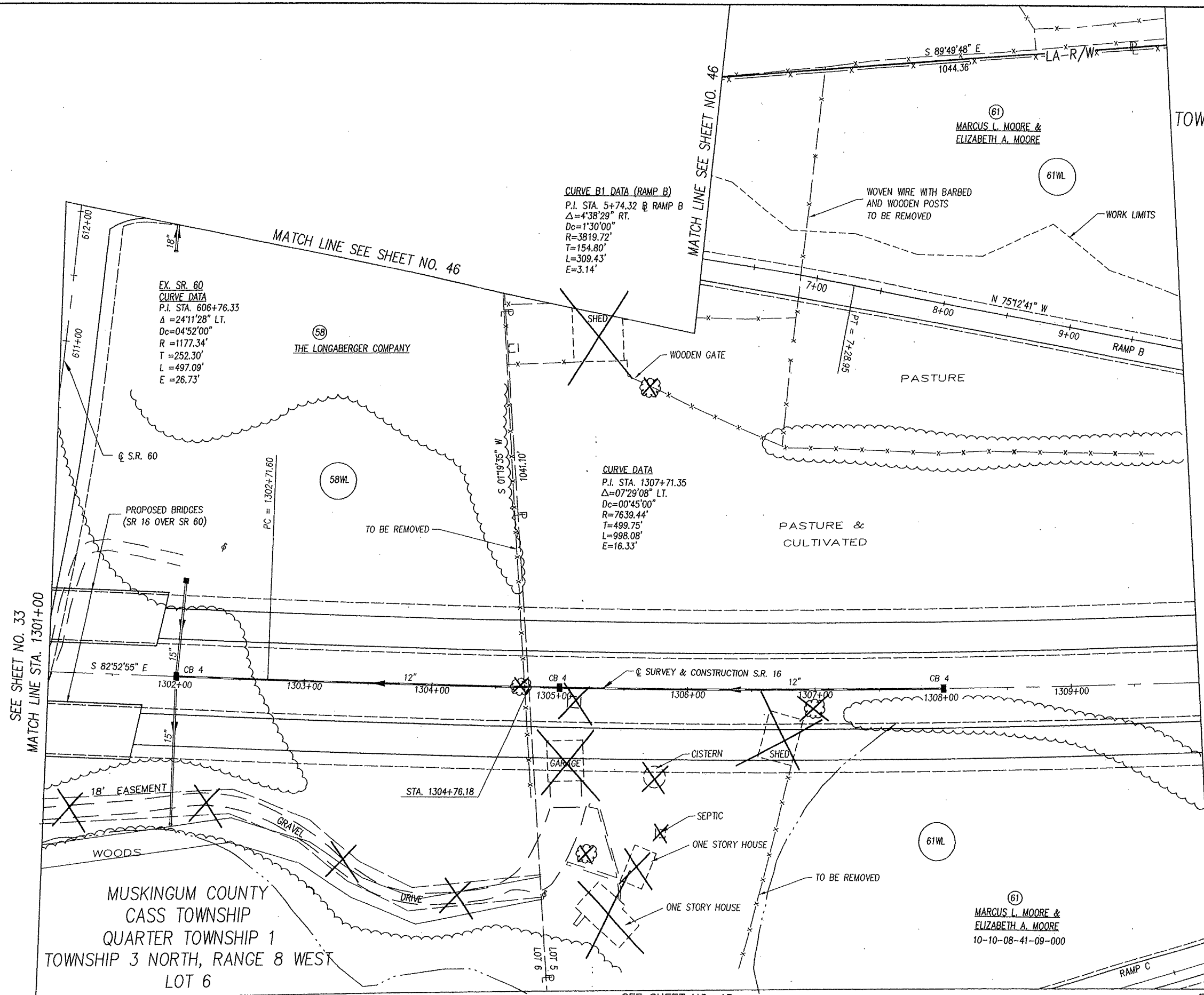
EX. SR. 60
CURVE DATA
P.I. STA. 606+76.33
Δ = 24°11'28" LT.
Dc = 04°52'00"
R = 1177.34'
T = 252.30'
L = 497.09'
E = 26.73'

○ IP FOUND
● IP SET (3/4" IRON PIN, 30" LONG WITH PLASTIC ID CAP STAMPED "ODOT D-5")
× PK NAIL SET
NOTE: ALL TREES TO BE REMOVED WITHIN THE CONSTRUCTION LIMITS.

REV.	DATE	DESCRIPTION
DATE OF COMPLETION: 1/15/99		

RIGHT OF WAY PLAN

MUSKINGUM COUNTY
CASS TOWNSHIP
QUARTER TOWNSHIP 1
TOWNSHIP 3 NORTH, RANGE 8 WEST
LOT 5



- IP FOUND
- IP SET (3/4" IRON PIN, 30" LONG WITH PLASTIC ID CAP STAMPED "ODOT D-5")
- × PK NAIL SET

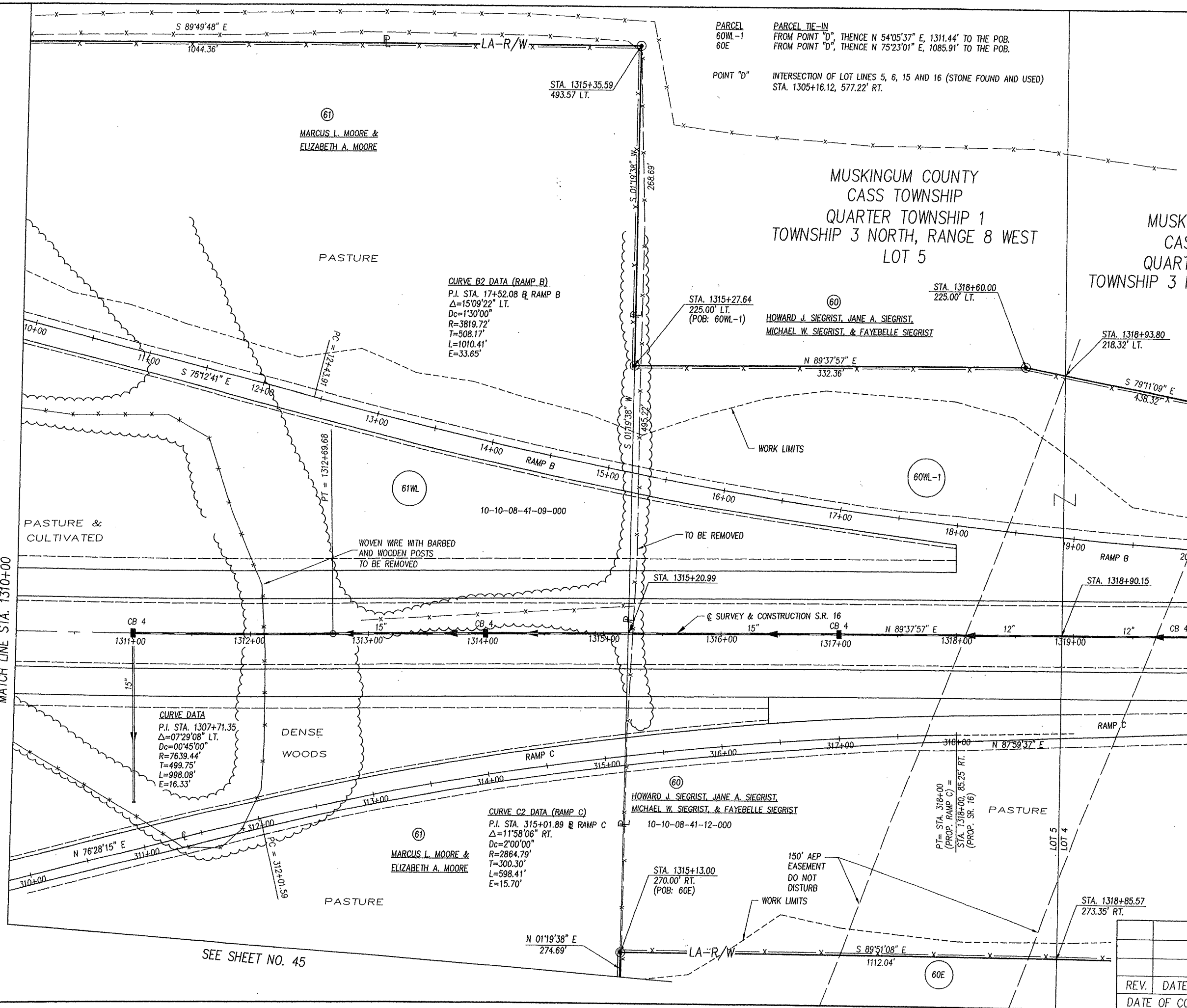
NOTE: ALL TREES TO BE REMOVED WITHIN THE CONSTRUCTION LIMITS.

REV.	DATE	DESCRIPTION
DATE OF COMPLETION: 1/15/99		

SEE SHEET NO. 34
MATCH LINE STA. 1310+00

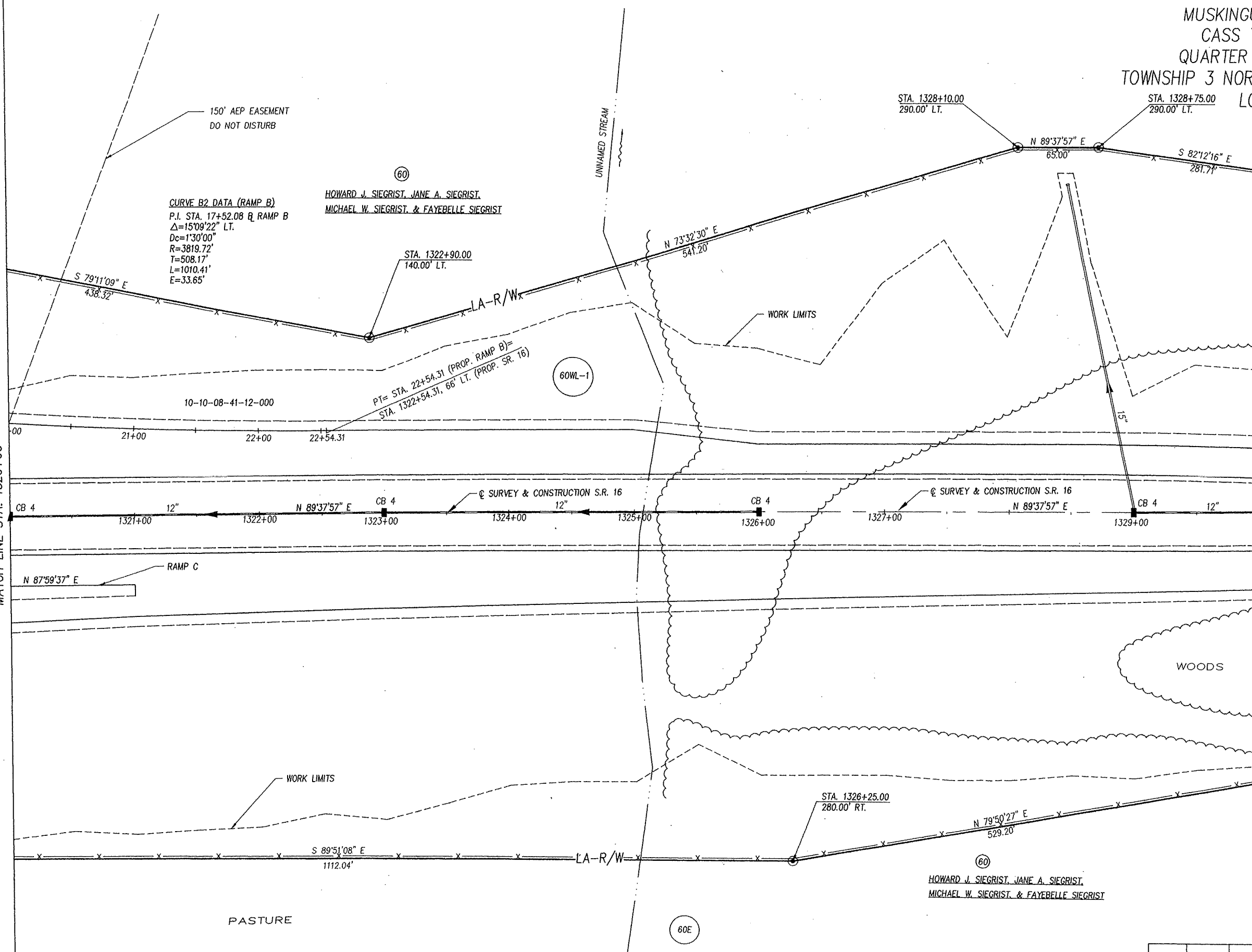
SEE SHEET NO. 45

MATCH LINE STA. 1320+00
SEE SHEET NO. 36



MUSKINGUM COUNTY
CASS TOWNSHIP
QUARTER TOWNSHIP 1
TOWNSHIP 3 NORTH, RANGE 8 WEST
LOT 4

SEE SHEET NO. 35
MATCH LINE STA. 1320+00



MATCH LINE STA. 1330+00
SEE SHEET NO. 37

NOTE: ALL TREES TO BE REMOVED
WITHIN THE CONSTRUCTION LIMITS.

- IP FOUND
- IP SET (3/4" IRON PIN, 30" LONG WITH PLASTIC ID CAP STAMPED "ODOT D-5")
- × PK NAIL SET

REV.	DATE	DESCRIPTION
DATE OF COMPLETION: 1/15/99		

RIGHT OF WAY PLAN

C:\DWG\DEPT4\SR16\RW\SECT3\RWPLAN\3rw37.dwg Mon May 10 13:16:53 1999

STA. 1331+53.86
250.00' LT.
POB: 66WL, 66E-1)

PARCEL
62WL
66E
66WL
66E-1

(66)
JAMES SIEGRIST
10-10-08-41-05-000

66E-1

PID NO.

WORK LIMITS

WOODS

STA. 1338+18.59
150.00' LT.
(POB: 62WL)

LA-R/W

N 78°41'48" E
X 236.59'

HW-1)

STA. 1331+49.67

— @ SURVEY & CONSTRUCTION S.R. 16

N 89°37'57" E CB 4
+00 1335+00

STA. 1338+14.4

62WL

MATCH LINE STA. 1340+00
SEE SHEET NO. 38

WOODS

STA. 1331+46.49
190.00' RT.
(POB: 66E)

WORK LIMITS

WOVEN WIRE WITH BARB
AND WOODEN POSTS
TO BE REMOVED

$$TS = 1339 + 68.15$$

STA. 1331+40.36, 555.97' RT.
J. SIEGRIST'S SW CORNER —
H. SIEGRIST'S SE CORNER

PASTURE

STA. 1336+
270.00' RT.

STA. 1338+
225.00' RT.

(62)
PAUL J. HOWARD &
CAROL S. HOWARD
10-10-08-41-04-000

— STA. 1337+98.89, 560.56' RT.
J. SIEGRIST'S SE CORNER

N 89°58'05" W
1635.53'

N 89°58'05" W
658.55'

NOTE: ALL TREES TO BE REMOVED
WITHIN THE CONSTRUCTION LIMITS.

CURVE DATA:

P.I. STA. 1348+54.50
 $\Delta = 34^{\circ}27'25''$
 $\Delta c = 25^{\circ}42'25''$
 $\Delta c = 02^{\circ}30'00''$
 $R = 2291.83'$
 $L_s = 350.00'$
 $L_T = 233.40'$
 $ST = 116.73'$
 $\theta_s = 4^{\circ}22'30''$
 $r_s = 886.35'$
 $r_s = 109.99'$
 $c = 1028.28'$
 $e_{max} = 0.0690$

- IP FOUND
- IP SET (3/4" IRON PIN, 30" LONG WITH PLASTIC ID CAP STAMPED "ODOT D-5")
- × PK NAIL SET

AXLE END

REV.	DATE	DESCRIPTION
DATE OF COMPLETION: 1/15/99		

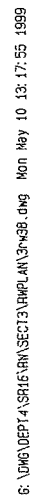
300

1.

4

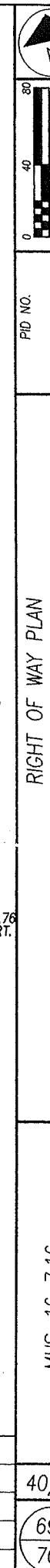
7

MUSKINGUM COUNTY
CASS TOWNSHIP
QUARTER TOWNSHIP 1
TOWNSHIP 3 NORTH, RANGE 8 WEST
LOT 2



RESOURCE INTERNATIONAL INC.
PROJECT NO. W-5201





MUSKINGUM COUNTY
CASS TOWNSHIP
TOWNSHIP 3 NORTH, RANGE 8 WEST
LOT 1

EX. NORTH DRESDEN RD
P.I. STATION BEARING
EX1 PC=7+23.57 BK. N54°19'11"E
EX2 PT=8+97.65

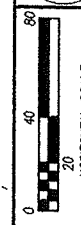
EX. SPEASE RD.
P.I. STATION BEARING
EX3 10+00 AH. N15°16'01"E
=STA. 1372+23.81
101.98' RT. (PROP. SR. 16)

PROP. SPEASE RD
CURVE DATA
P.I. STA. 12+31.30
Δ=13°28'40" RT.
Dc=05°00'00"
R=1145.92'
T=135.40'
L=289.56'
E=7.97'

HOWARD J. SIEGRIST, JANE A. SIEGRIST,
MICHAEL W. SIEGRIST, & FAYEBELLE SIEGRIST
10-10-16-02-24-000

END R/W ACQUISITION
MUS-16-7.16
STA. 1379+75.00

END PROJECT
END WORK
MUS-16-7.16
STA. 1380+75.00

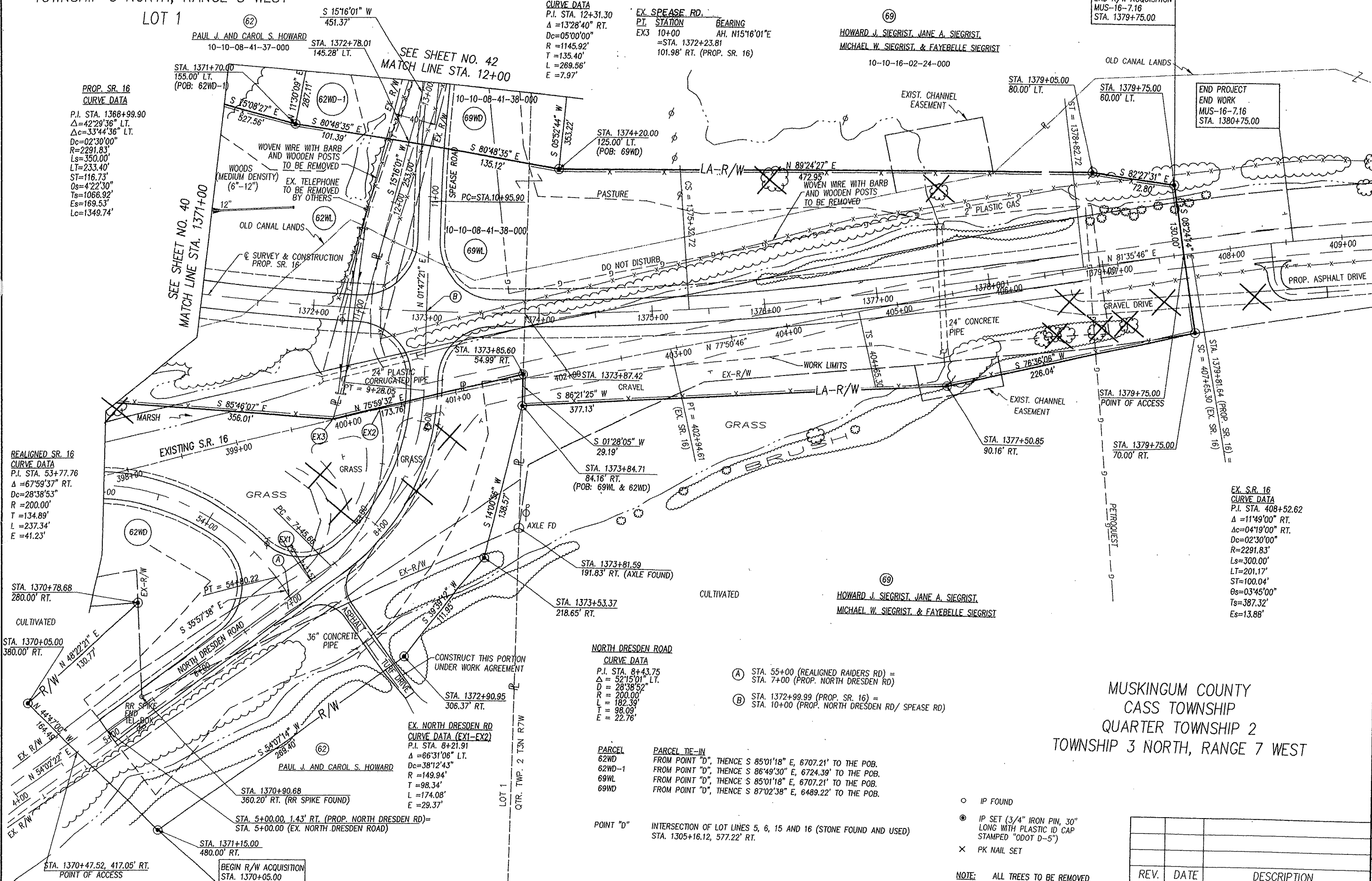


PID NO. 16200

RIGHT OF WAY PLAN
STA 1371+00 TO STA 1380+75

MUS-16-7.16

41/51
693
703



REALIGNED SR. 16
CURVE DATA
P.I. STA. 53+77.76
Δ=67°59'37" RT.
Dc=28°38'53"
R=200.00'
T=134.89'
L=237.34'
E=41.23'

NORTH DRESDEN ROAD
CURVE DATA
P.I. STA. 8+43.75
Δ=52°15'01" LT.
D=28°38'52"
R=200.00'
T=182.39'
L=98.09'
E=22.76'

PARCEL
62WD
62WD-1
69WL
69WD

POINT "D"
INTERSECTION OF LOT LINES 5, 6, 15 AND 16 (STONE FOUND AND USED)
STA. 1305+16.12, 577.22' RT.

- (A) STA. 55+00 (REALIGNED RAIDERS RD) = STA. 7+00 (PROP. NORTH DRESDEN RD)
- (B) STA. 1372+99.99 (PROP. SR. 16) = STA. 10+00 (PROP. NORTH DRESDEN RD/ SPEASE RD)

HOWARD J. SIEGRIST, JANE A. SIEGRIST,
MICHAEL W. SIEGRIST, & FAYEBELLE SIEGRIST

EX. SR. 16
CURVE DATA
P.I. STA. 408+52.62
Δ=11°49'00" RT.
Dc=04°19'00" RT.
Dc=02°30'00"
R=2291.83'
Ts=300.00'
LT=201.17'
ST=100.04'
Θs=03°45'00"
Ts=387.32'
Es=13.88'

MUSKINGUM COUNTY
CASS TOWNSHIP
QUARTER TOWNSHIP 2
TOWNSHIP 3 NORTH, RANGE 7 WEST

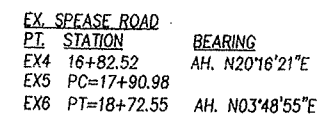
○ IP FOUND
● IP SET (3/4" IRON PIN, 30" LONG WITH PLASTIC ID CAP STAMPED "DDOT D-5")
× PK NAIL SET

NOTE: ALL TREES TO BE REMOVED WITHIN THE CONSTRUCTION LIMITS.

REV.	DATE	DESCRIPTION

DATE OF COMPLETION: 1/15/99

RIGHT OF WAY PLAN	PID NO.	
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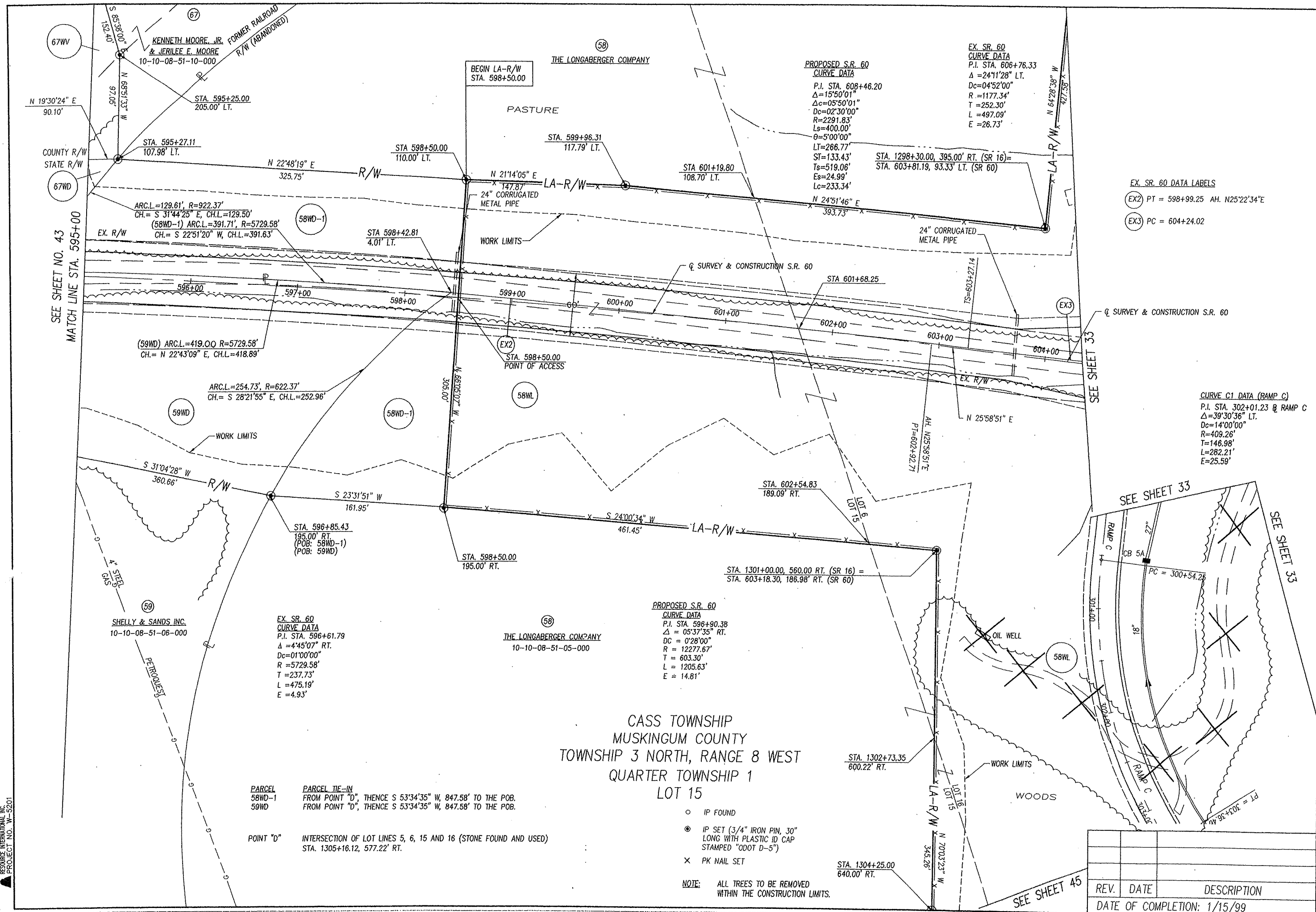
- AC S 01°35'57" W, 17.93'
BC S 88°37'22" W, 31.51'
CD N 88°37'21" E, 13.69'

- NOTE: ALL TREES TO BE REMOVED
WITHIN THE CONSTRUCTION LIMITS.

REV.	DATE	DESCRIPTION
DATE OF COMPLETION: 1/15/99		

MUSKINGUM COUNTY
CASS TOWNSHIP
QUARTER TOWNSHIP 1
TOWNSHIP 3 NORTH, RANGE 7 WEST

RESOURCE INTERNATIONAL INC.
PROJECT NO. W-5201



REV.	DATE	DESCRIPTION

DATE OF COMPLETION: 1/15/99

PID NO.

RIGHT OF WAY PLAN

(58)
THE LONGBERGER CO.
10-10-08-51-07-000

PROPOSED S.R. 60
CURVE DATA
P.I. STA. 620+07.47
 $\Delta=94^{\circ}3'06''$ LT
 $Dc=04^{\circ}58'54''$
 $R=1150.15'$
 $T=97.78'$
 $L=195.85'$
 $E=4.15'$

EX. SR. 60
CURVE DATA
P.I. STA. 619+03.90
 $\Delta = 28^{\circ}39'30''$ LT.
 $Dc = 07^{\circ}25'08''$
 $R = 772.29'$
 $T = 197.27'$
 $L = 386.29'$
 $E = 24.80'$

$$\begin{array}{l} PT = STA. 621 + 04.78 \\ (PROP. SR. 60) = \\ \hline STA. 621 + 20.60, 0.25' LT \\ (EX. SR. 60) \end{array}$$

STA. 621+18.96
29.91' LT.
N 89°38'49" E
30.00'

STA. 621+19
622+00

$S 89^{\circ}32'$
 $30.07'$

30.16' RT.
N 00°35'20" W
41.91'

EX. SR. 60 DATA LABELS

(EX6) PT = 614+58.50 AH. N28°04'10"E

(EX7) PC = 617+06.63

(EX8) PT = 620+92.91 AH. N00°35'20"W

(A) STA. 617+75.00, 13.88' LT.
(POB: 58WD, 58WL, 60WD AND 60WL)

(B) STA. 618+14.16 (PROP. SR. 60) =
STA. 73+96.53 (PROP. SR. 60 ACCESS RD)

(C) STA. 617+75.00, POINT OF ACCESS

- IP FOUND
- IP SET (3/4" IRON PIN, 30" LONG WITH PLASTIC ID CAP STAMPED "ODOT D-5")
- × PK NAIL SET

NOTE: ALL TREES TO BE REMOVED WITHIN THE CONSTRUCTION LIMITS

REV.	DATE	DESCRIPTION
DATE OF COMPLETION: 1/15/99		

CASS TOWNSHIP
MUSKINGUM COUNTY
TOWNSHIP 3 NORTH, RANGE 8 WEST
QUARTER TOWNSHIP 1
LOT 5

HOWARD J. SIEGRIST, JANE A.,
MICHAEL W., FAYEBELLE SIEGRIST

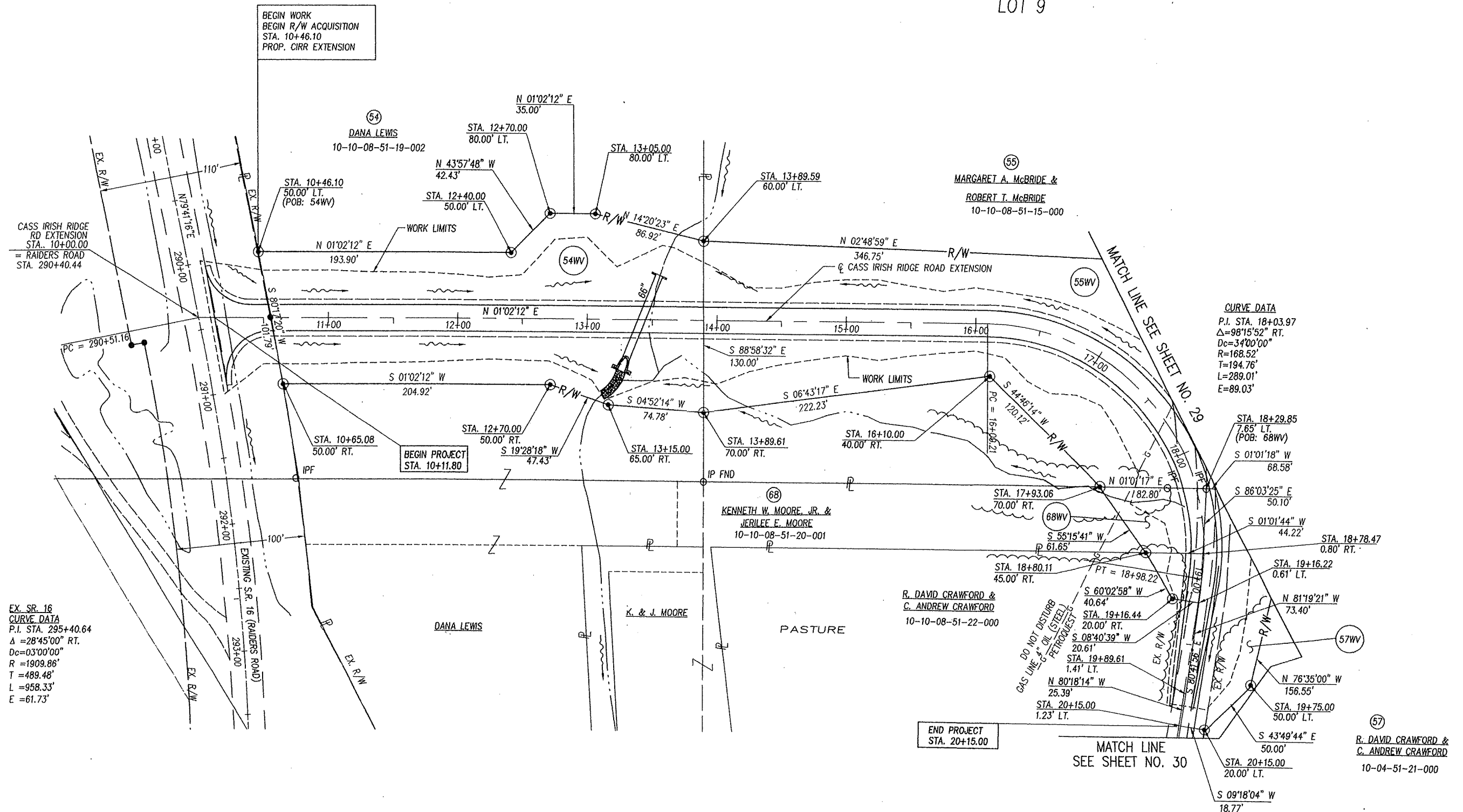
CURVE B1 DATA (RAMP B)
P.I. STA. 5+74.32 @ RAMP B
 $\Delta = 4^{\circ}38'29''$ RT.
 $DC = 1^{\circ}30'00''$
 $R = 3819.72'$
 $T = 154.80'$
 $L = 309.43'$
 $E = 3.14'$

(81)
MARCUS L. MOORE &
ELIZABETH A. MOORE

RESOURCE INTERNATIONAL INC.
PROJECT NO. W-5201

מ.מ. ארבעה עשר ושישה סנטימטר 4.71.24 1999

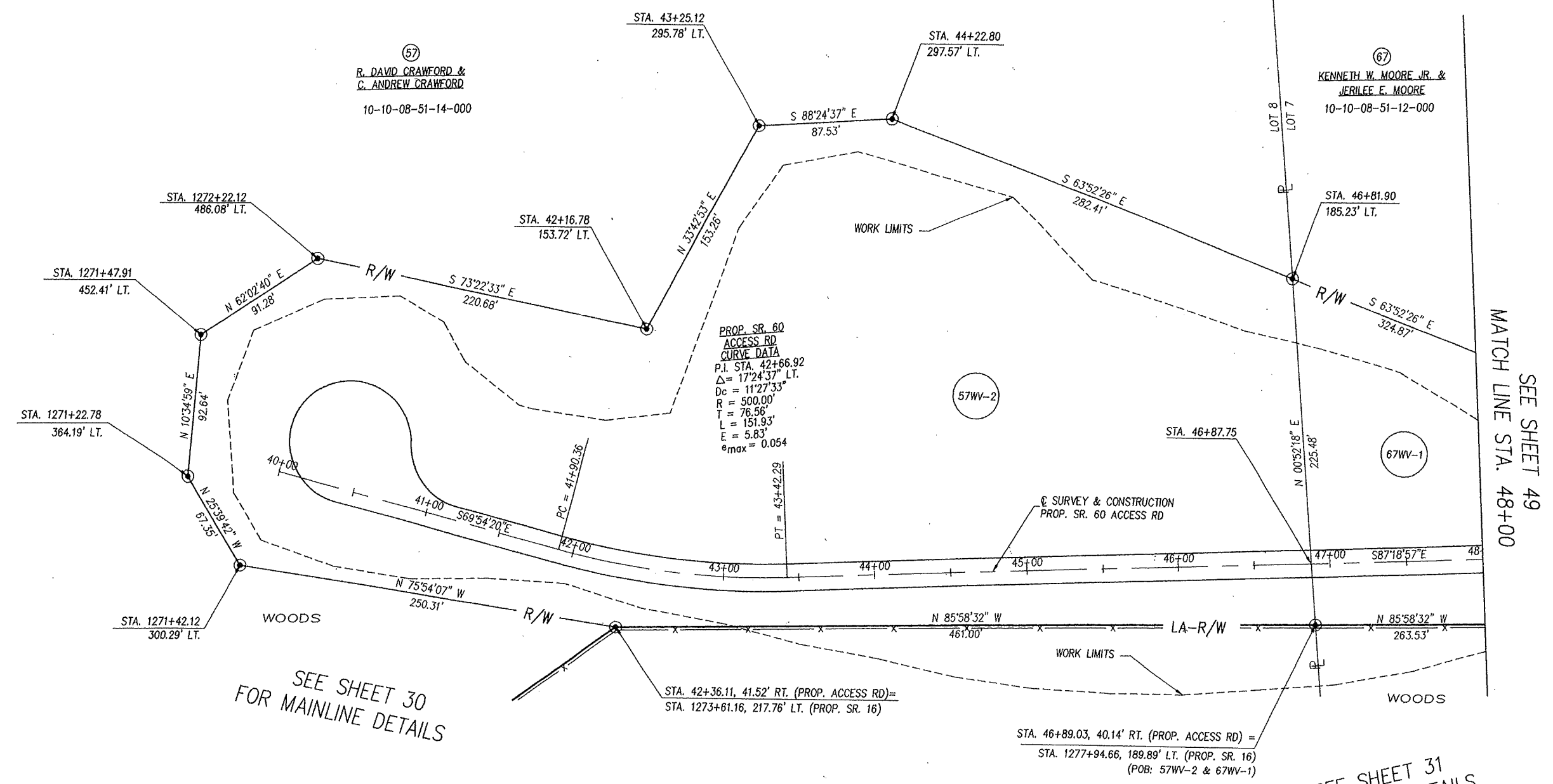
MUSKINGUM COUNTY
CASS TOWNSHIP
TOWNSHIP 3 NORTH, RANGE 8 WEST
LOT 9



MUSKINGUM COUNTY
CASS TOWNSHIP
TOWNSHIP 3 NORTH, RANGE 8 WEST
LOT 8

MUSKINGUM COUNTY
CASS TOWNSHIP
TOWNSHIP 3 NORTH, RANGE 8 WEST
LOT 7

PARCEL 57WV-2
67WV-1
POINT "C"
INTERSECTION OF LOT LINES 8, 9, 12 AND 13 (IP FOUND AND USED)
STA. 1261+63.45, 596.02' RT.



SEE SHEET 30
FOR MAINLINE DETAILS

SEE SHEET 31
FOR MAINLINE DETAILS

- IP FOUND
- IP SET (3/4" IRON PIN, 30" LONG WITH PLASTIC ID CAP STAMPED "ODOT D-5")
- × PK NAIL SET

NOTE: ALL TREES TO BE REMOVED WITHIN THE CONSTRUCTION LIMITS.

REV.	DATE	DESCRIPTION
DATE OF COMPLETION: 1/15/99		

PID NO.	0 40 80
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	S
	I
	C
	O
	E

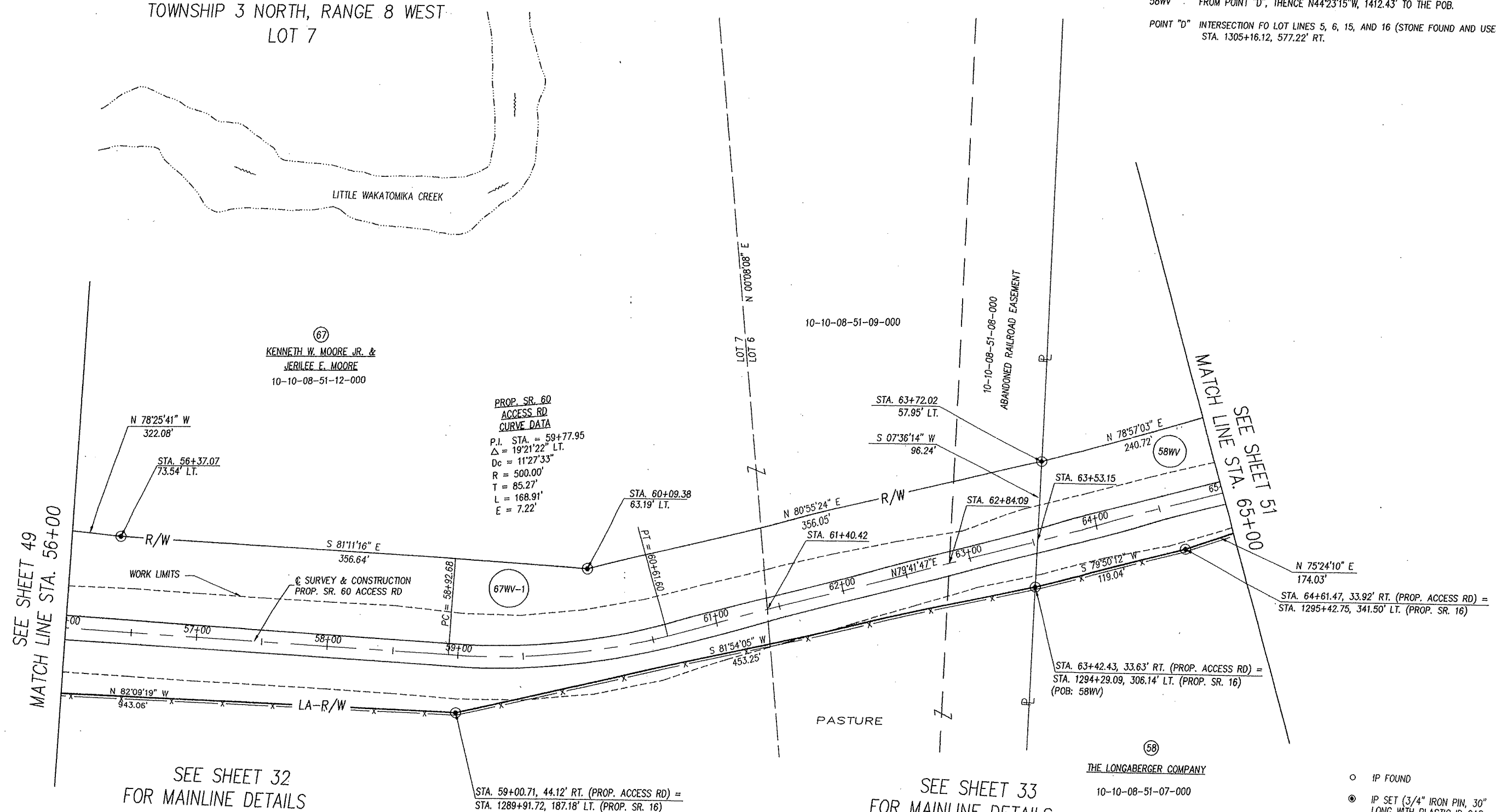
$$\frac{49}{7} = 7$$

TOWNSHIP 3 NORTH, RANGE 8 WEST
LOT 7

LITTLE WAKATOMIKA CREEK

PARCEL PARCEL TIE-IN
58WV FROM POINT "D", THENCE N44°23'15"W, 1412.43' TO THE POB.

POINT "D" INTERSECTION FO LOT LINES 5, 6, 15, AND 16 (STONE FOUND AND USED)
STA. 1305+16.12, 577.22' RT.



SEE SHEET 49
MATCH LINE STA. 56+00

SEE SHEET 32
FOR MAINLINE DETAILS

SEE SHEET 33
FOR MAINLINE DETAILS

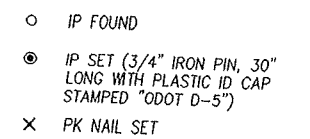
THE LONGABERGER COMPANY
10-10-08-51-07-000

- 1P FOUND
- 1P SET (3/4" IRON PIN, 30" LONG WITH PLASTIC ID CAP STAMPED "ODOT D-5")
- × PK NAIL SET

NOTE: ALL TREES TO BE REMOVED
WITHIN THE CONSTRUCTION LIMITS.

REV.	DATE	DESCRIPTION
DATE OF COMPLETION: 1/15/99		

RIGHT OF WAY PLAN



REV.	DATE	DESCRIPTION
DATE OF COMPLETION: 1/15/99		