

L-68-7

STATE OF OHIO DEPARTMENT OF TRANSPORTATION LOG/UNI-33-25.50/0.00 LOGAN COUNTY PERRY AND ZANE TOWNSHIPS UNION COUNTY ALLEN TOWNSHIP RIGHT OF WAY ONLY

F.H.W.A. REGION	STATE	PROJECT
5	OHIO	NH-11(115)

LOGAN & UNION COUNTIES
LOG/UNI-33-25.50/0.00

Surface Transportation Program
PID NO. 4551 | S.J.N. 07560 (0)

PROJECT DESCRIPTION

Construction of approximately 4.19 Miles of 4 lane divided highway on a new location in Logan and Union Counties; including an interchange at State Route 347; Reconstruction of connection between, US-33 and C.R.-144 (North of proposed US-33); Construction of a connection between C.R.-144 and C.R.-152 (South of proposed U.S.-33); Construction of a connection between CR.-152 and existing U.S.-33 (South of U.S.-33); and Construction of a connection between existing U.S.-33 and Union County Road No. 150.

ACQUIRING AGENCY:
STATE OF OHIO

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. (Directors Journal Volume 67, Page 272, April 16, 1984).

1995 SPECIFICATIONS

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

I hereby approve these plans and declare that the making of this improvement will not require the closing to traffic of the and that provisions for the maintenance and safety of traffic will be as set forth in the construction plans.

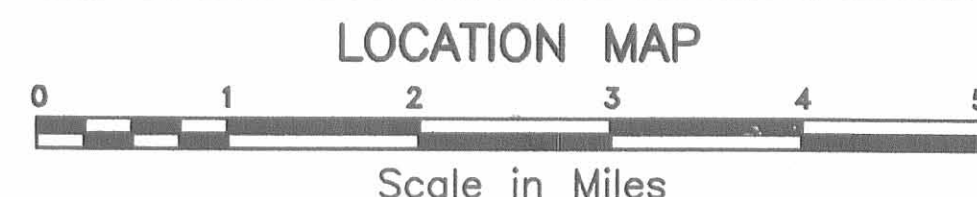
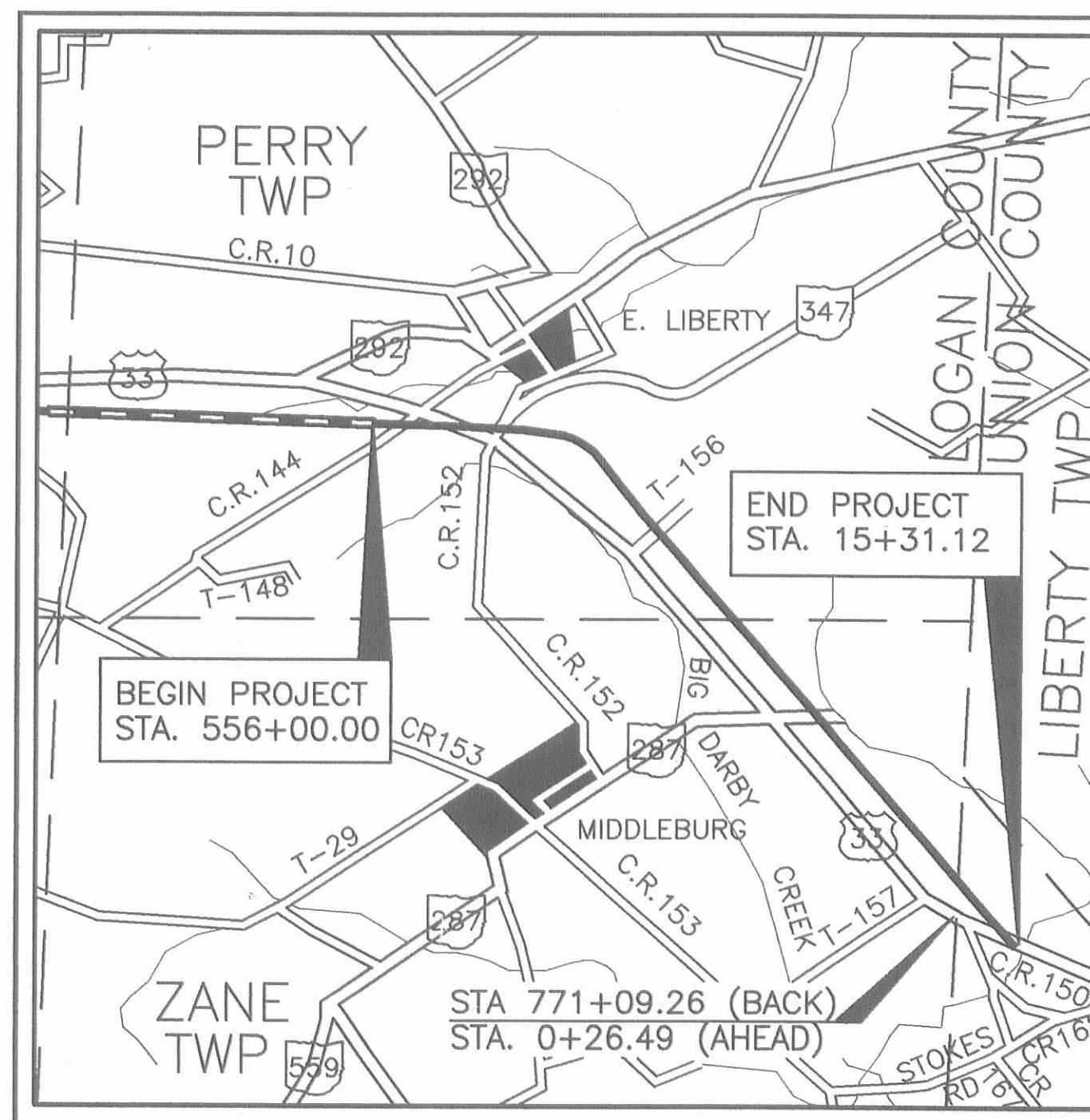
CONVENTIONAL SIGNS

County Line	-----	Limited Access (only)	-----	LA
Township Line	-----	Right of Way (only)	-----	RW
V.M.S. Line	-----	Limited Access & Right of Way	-----	LA - RW
Corporation Line	----- or -----	Existing Right of Way	-----	Ex. RW
Fence Line (existing)	-----	Property Line	-----	(in existing fence)
Center Line	-----	Railroad	-----	
Trees	○, Stumps	Guardrail (existing)	-----	(proposed)
Utility Poles: Telephone	T, Power	Work Limits	-----	
Gas Line	G	Private Sign	○	
Telephone Line	T	Iron Pin (Found)	○	Iron Pin (Set)
		Railroad Spike (Found)	△	Railroad Spike (Set)

INDEX OF SHEETS

TITLE	SHEET NO.
TITLE SHEET	N/A
CENTERLINE SURVEY PLAT.	1-5
PROPERTY MAP	6-8
UTILITY SHEET	9-11
SUMMARY SHEET	12-14
SCHEMATIC SHEET	15-16
DETAIL PLAN SHEET	17-4/4
HONDA SURVEY	ATTACHMENT "A"

* SHEET # 23A HAS BEEN ADDED TO THESE PLANS.



Portion to be improved -----
State & Federal Routes -----
Other Routes -----

SCALES IN FEET



UNDERGROUND UTILITIES
TWO(2) WORKING DAYS
BEFORE YOU DIG
CALL 1-800-362-2764 (TOLL FREE)
OHIO UTILITIES PROTECTION SERVICE
NON-MEMBERS
MUST BE CALLED DIRECTLY

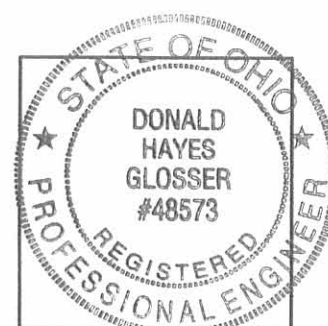
DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED _____

DIVISION ADMINISTRATOR _____ DATE _____

PLANS PREPARED BY:
JOHN E. FOSTER & ASSOCIATES, INC.
555 BUTTLES AVENUE
COLUMBUS, OHIO, 43215

Donald H. Glosser 2/8/95
DONALD H. GLOSSER P.E. DATE



Project: _____
Date of Letting 19 _____, Contract No. _____

APPROVED _____
ASSISTANT DEPUTY DIRECTOR, OFFICE OF REAL ESTATE ADMINISTRATION

DATE _____

APPROVED _____
DIRECTOR, DEPARTMENT OF TRANSPORTATION

DATE _____

L-68

L-68

CENTERLINE SURVEY PLAT

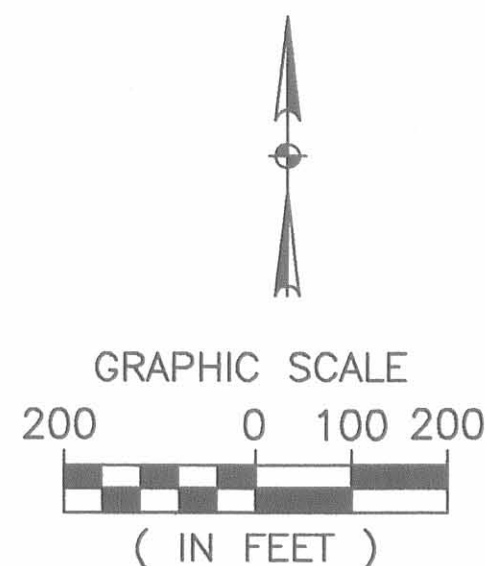
LOG/UNI-33-25.50/0.00
 LOGAN & UNION COUNTY, OHIO
 ZANE, PERRY AND ALLEN TOWNSHIPS
 VMS 158,545,315,&3155 3160,4606
 3164,4811,4689 AND 4933

CENTERLINE SURVEY PLAT
 SHEET 1 OF 5

F.H.W.A. REGION	STATE	PROJECT	540
5	OHIO	NH-11(115)	585

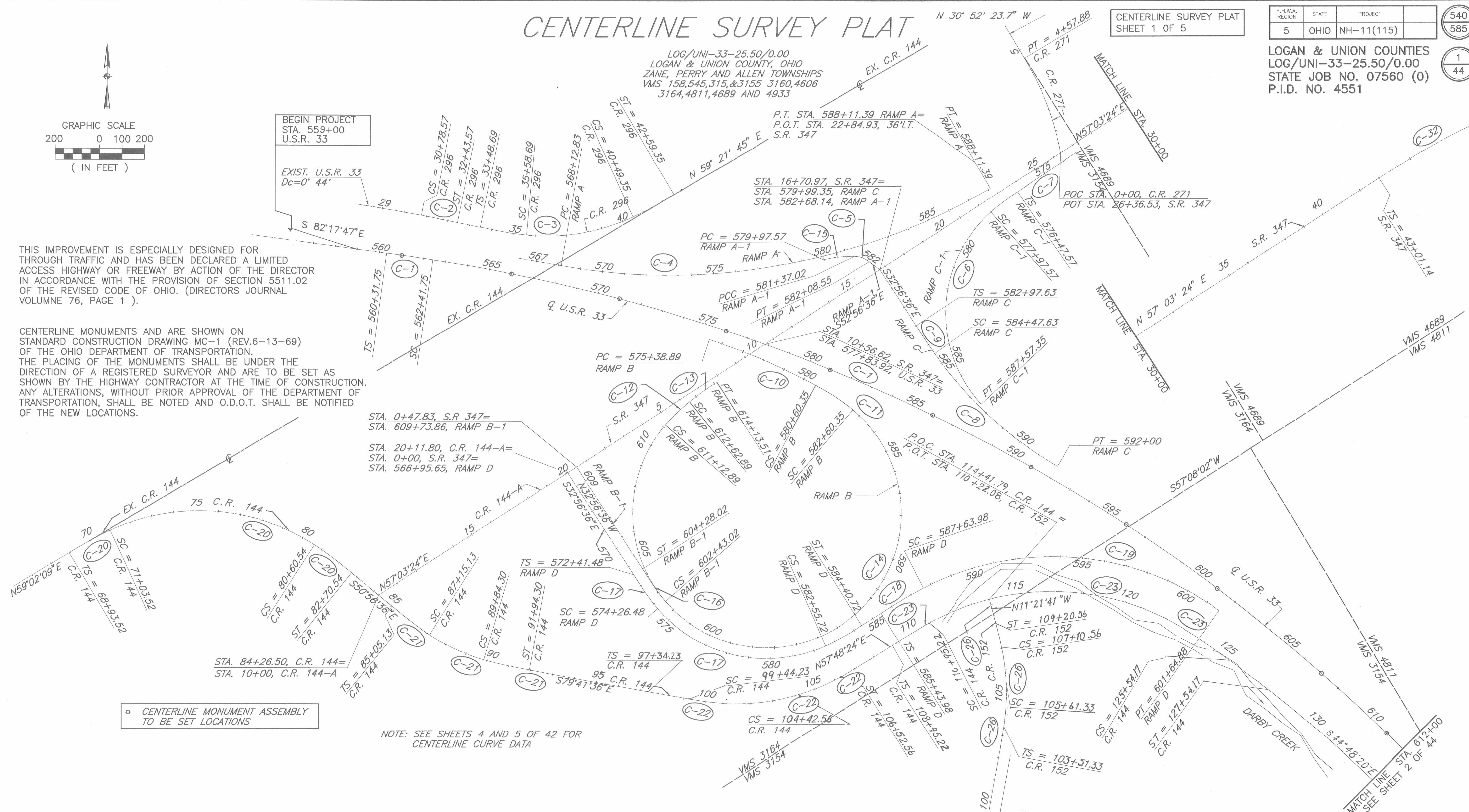
LOGAN & UNION COUNTIES
 LOG/UNI-33-25.50/0.00
 STATE JOB NO. 07560 (0)
 P.I.D. NO. 4551

1	44
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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. (DIRECTORS JOURNAL VOLUME 76, PAGE 1).

CENTERLINE MONUMENTS AND ARE SHOWN ON STANDARD CONSTRUCTION DRAWING MC-1 (REV.6-13-69) OF THE OHIO DEPARTMENT OF TRANSPORTATION. THE PLACING OF THE MONUMENTS SHALL BE UNDER THE DIRECTION OF A REGISTERED SURVEYOR AND ARE TO BE SET AS SHOWN BY THE HIGHWAY CONTRACTOR AT THE TIME OF CONSTRUCTION. ANY ALTERATIONS, WITHOUT PRIOR APPROVAL OF THE DEPARTMENT OF TRANSPORTATION, SHALL BE NOTED AND O.D.O.T. SHALL BE NOTIFIED OF THE NEW LOCATIONS.

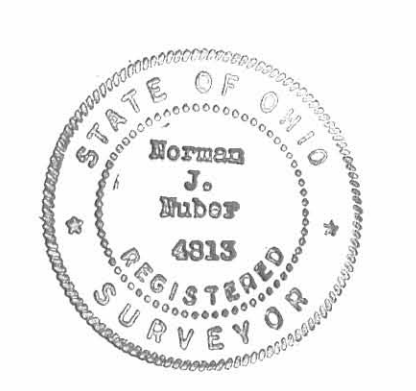


○ CENTERLINE MONUMENT ASSEMBLY TO BE SET LOCATIONS

NOTE: SEE SHEETS 4 AND 5 OF 42 FOR CENTERLINE CURVE DATA

BASIS OF BEARINGS

BEARINGS SHOWN HEREON ARE BASED ON THE OHIO STATE PLANE COORDINATE SYSTEM AS ESTABLISHED BY HOWARD, NEEDLES, TAMMEN AND BERGENDOFF FOR THE OHIO TRANSPORTATION RESEARCH CENTER IN MAY OF 1971.



I HEREBY CERTIFY THAT THIS PLAT OF SURVEY IS A TRUE DELINEATION OF A SURVEY MADE FOR THE OHIO DEPARTMENT OF TRANSPORTATION IN 1991 BY JOHN E. FOSTER AND ASSOCIATES

Norman J. Nuber
 NORMAN J. NUBER
 REGISTERED SURVEYOR NO. 4813

DATE Feb. 9, 1995

RECEIVED	19
RECORDED	19
BOOK	PAGE

COUNTY RECORDER

Revised:
 Alignment on County Road 144 from Sta. 97+34.23 to Sta. 136+44.28(B) & C.R. 152, Sta. 103+51.33 to Sta. 110+22.08. By O.D.O.T. 9-14-95 als

CENTERLINE SURVEY PLAT

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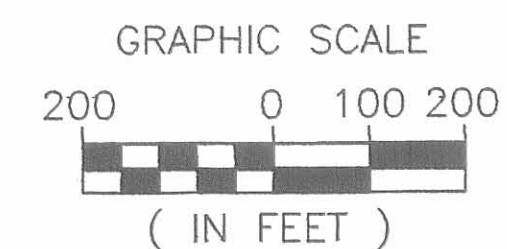
LOG/UNI-33-25.50/0.00
 LOGAN & UNION COUNTY, OHIO
 ZANE, PERRY AND ALLEN TOWNSHIPS
 VMS 158,545,315,&3155 3160,4606
 3164,4811,4689 AND 4933

CENTERLINE SURVEY PLAT
 SHEET 2 OF 5

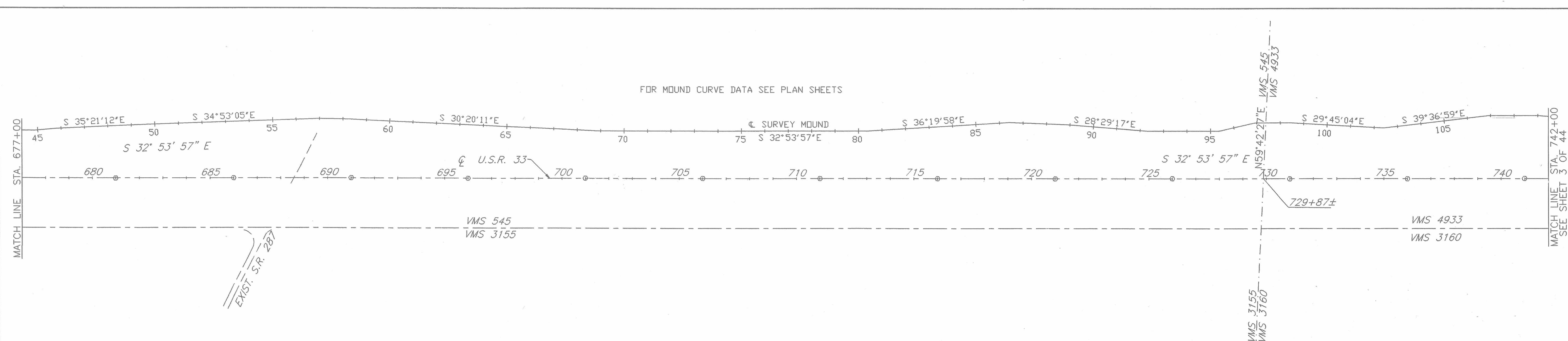
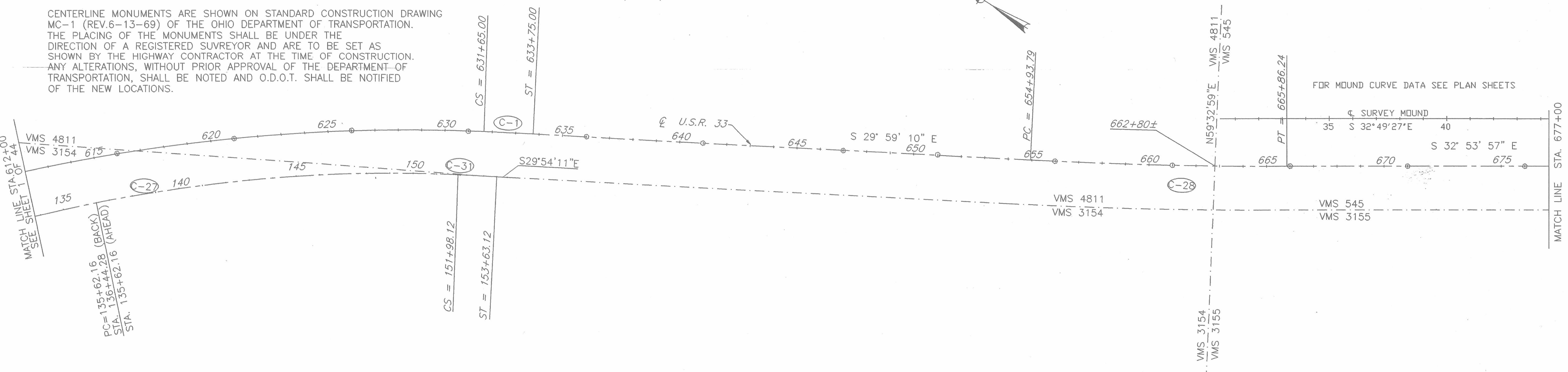
F.H.W.A. REGION	STATE	PROJECT
5	OHIO	NH-11(115)

LOGAN & UNION COUNTIES
 LOG/UNI-33-25.50/0.00
 STATE JOB NO. 07560(0)
 P.I.D. NO. 4551

541
 585
 2
 44



CENTERLINE MONUMENTS ARE SHOWN ON STANDARD CONSTRUCTION DRAWING MC-1 (REV.6-13-69) OF THE OHIO DEPARTMENT OF TRANSPORTATION. THE PLACING OF THE MONUMENTS SHALL BE UNDER THE DIRECTION OF A REGISTERED SURVEYOR AND ARE TO BE SET AS SHOWN BY THE HIGHWAY CONTRACTOR AT THE TIME OF CONSTRUCTION. ANY ALTERATIONS, WITHOUT PRIOR APPROVAL OF THE DEPARTMENT OF TRANSPORTATION, SHALL BE NOTED AND O.D.O.T. SHALL BE NOTIFIED OF THE NEW LOCATIONS.



o CENTERLINE MONUMENT ASSEMBLY TO BE SET LOCATIONS

REV.	DATE	DESCRIPTION
COMPLETION DATE:		

CENTERLINE SURVEY PLAT

CENTERLINE SURVEY PLAT
SHEET 3 OF 5

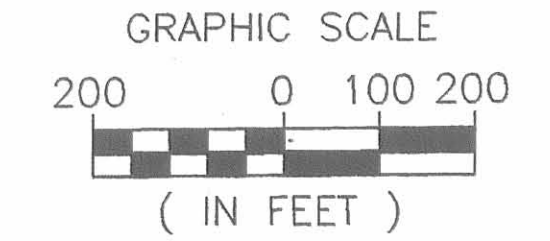
F.H.W.A. REGION	STATE	PROJECT	542
5	OHIO	NH-11(115)	585
			3
			42

LOGAN & UNION COUNTIES
LOG/UNI-33-25.50
STATE JOB NO. 07560(0)
P.I.D. NO. 4551

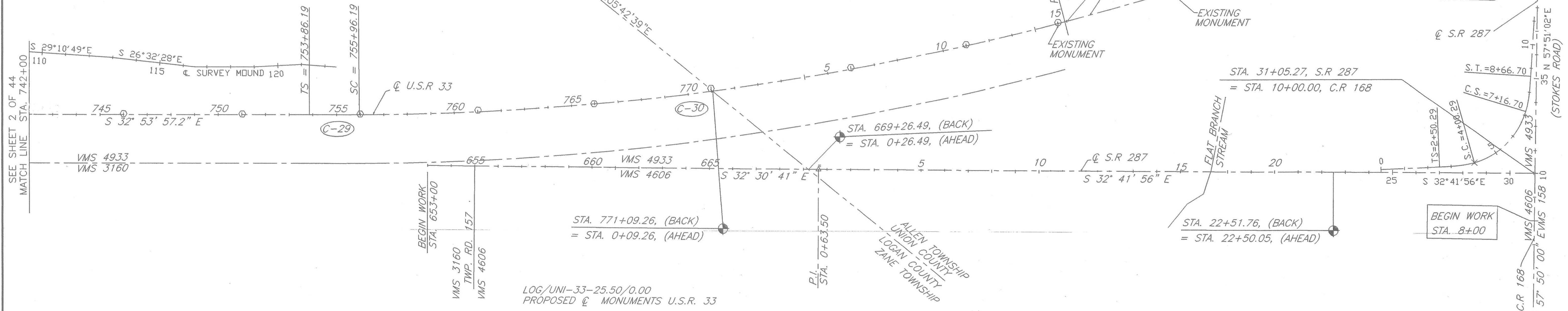
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LOG/UNI-33-25.50/0.00
LOGAN & UNION COUNTRY, OHIO
ZANE, PERRY AND ALLEN TOWNSHIPS
VMS 158,545,315,&3155 3160,4606
3164,4811,4689 AND 4933

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FOR MOUND CURVE DATA SEE PLAN SHEETS.



STATION	STATION	STATION	STATION
556+00	621+00	686+00	751+00
561+00	626+00	691+00	756+00
566+00	631+00	696+00	761+00
571+00	636+00	701+00	766+00
576+00	641+00	706+00	771+00
581+00	647+00	711+00	6+00
586+00	651+00	716+00	11+00
591+00	656+00	721+00	15+00
596+00	660+00	725+00	
601+00	666+00	731+00	
607+00	671+00	736+00	
611+00	676+00	741+00	
616+00	681+00	746+00	

S.R. 287 ALIGNMENT
0+63.50
0° 11' 15.3", LT.

S.R. 287 CURVE DATA

P.I. = STA. 6+14.06	Y = 11.73'
Δ = 83° 57' 15"	k = 74.86'
Dc = 18° 00' 00"	P = 2.94'
R = 318.41'	Δ = 56° 57' 15"
Ls = 150.00'	Lc = 316.41'
θs = 13° 30' 00"	Ts = 363.88'
LT = 100.29'	Es = 113.82'
ST = 50.27'	Emax = .059 ft./ft.
X = 149.17'	

○ CENTERLINE MONUMENT ASSEMBLY TO BE SET LOCATIONS

REV.	DATE	DESCRIPTION

COMPLETION DATE:

C-1

PROP. U.S.R. 33 CURVE DATA

P.I. = 599+73.79 X = 299.9962'
Δ = 52° 18' 37.7" RT. Y = 0.9407'
Dc = 0' 44' 00" LT = 140.00'
R = 7813.06' ST = 70.00'
Lc = 6923.25' P = 0.24'
Ls = 210.00' K = 105.00'
Ts = 3942.04' e = 0.028 ft/ft
∅ = 0' 46' 12"

C-2

C.R. 296 CURVE DATA

Pls = 31+33.57 X = 164.998'
Dc = 0' 44' Y = 0.581'
R = 7813.06' LT = 110.00'
Ls = 165.00' ST = 55.00'
∅ = 0' 36' 18" P = 0.1452'
K = 82.4997'
e = .019 ft/ft

C-3

C.R. 296 CURVE DATA

P.I. = 38+21.33 X = 209.75'
Δ = 42° 02' 22.297" Y = 7.69'
Dc = 6' 00' 00" LT = 140.09'
R = 954.93' ST = 70.08'
Lc = 490.66' P = 1.511'
Ls = 165.00' K = 82.467'
Ts = 472.64' e = .083 ft/ft
∅ = 6' 18' 00"

C-4

RAMP A CURVE DATA

P.I. = 578+54.71
Δ = 39° 58' 16.5"
Dc = 2' 00' 00"
R = 2864.79'
L = 1998.56'
T = 1041.88'
C = 1958.28'
E = 183.58'
M = 172.52'
e = .052 ft/ft

C-5

RAMP A CURVE DATA

P.I. = 581+72.79
Δ = 35° 38' 8.1"
Dc = 49' 49' 20.8"
R = 115.00'
L = 71.53'
T = 36.96'
C = 70.38'
E = 5.79'
M = 5.52'
e = .027 ft/ft

C-6

RAMP C-1 CURVE DATA

Pls = 578+97.65 X = 149.77'
Dc = 9' 30' Y = 6.21'
R = 603.11' LT = 100.08'
Ls = 150.00' ST = 50.07'
∅ = 7' 07' 30" P = 1.55'
K = 74.96'
e = .083 ft/ft

C-7

RAMP C-1 CURVE DATA

P.I. = 584+13.23
Δ = 91° 10' 45.0"
Dc = 9' 30'
R = 603.11'
L = 959.78'
T = 615.66'
C = 861.66'
E = 258.73'
M = 181.06'
e = .083 ft/ft

C-8

RAMP C CURVE DATA

P.I. = 588+29.63
Δ = 24° 27' 06.9"
Dc = 3' 15"
R = 1762.95'
L = 752.37'
T = 382.00'
C = 746.67'
E = 40.91'
M = 39.98'
e = .054 ft/ft

C-9

RAMP C CURVE DATA

Pls = 583+97.64 X = 149.97'
Dc = 3' 15" Y = 2.13'
R = 1762.95' LT = 100.01'
Ls = 150.00' ST = 50.01'
∅ = 2' 26' 15" P = 0.53'
K = 75.00'
e = .076 ft/ft

C-10

RAMP B CURVE DATA

P.I. = 578+00.34
Δ = 10° 25' 44.7"
Dc = 2' 00' 00"
R = 2864.79'
L = 521.46'
T = 261.45'
C = 520.73'
E = 11.91'
M = 11.86'
e = .059 ft/ft

C-11

RAMP B CURVE DATA

P.I.cs = 581+82.45
θs = 7' 30"
Δ₁ = 2' 00' 00"
Δ₂ = 9' 30'
R₁ = 2864.79'
R₂ = 603.11'
T₁ = 122.10'
T₂ = 78.57'
Ls = 200.00'

C-12

RAMP B CURVE DATA

P.I.cs = 611+77.89
θs = 4' 07' 30"
Δ₁ = 7' 07' 30"
Δ₂ = 3' 00'
R₁ = 603.11'
R₂ = 1432.39'
T₁ = 65.00'
T₂ = 85.39'
Ls = 150.00'

C-13

RAMP B CURVE DATA

P.I. = 613+38.27
Δ = 6° 01' 29.1"
Dc = 4' 00"
R = 1432.39'
L = 150.62'
T = 75.38'
C = 150.55'
E = 1.98'
M = 1.98'
e = .057 ft/ft

C-14

RAMP B CURVE DATA

SC = 582+60.35
CS = 611+12.89
Δ = 270° 59' 31.4"
Dc = 9' 30"
R = 603.11'
L = 2852.56'
C = 845.52'
M = 1033.26'
e = .083 ft/ft

C-15

RAMP A CURVE DATA

P.I. = 580+67.30
Δ = 15° 20' 23.6"
Dc = 11' 0' 0"
R = 520.87'
L = 139.45'
T = 70.15'
C = 139.04'
E = 4.70'
M = 4.66'
e = .050 ft/ft

C-16

RAMP B-1 CURVE DATA

Pls = 603+04.83 X = 184.57'
Dc = 9' 30" Y = 9.44'
R = 603.11' LT = 123.49'
Ls = 185.00' ST = 61.81'
∅ = 8' 47' 15" P = 2.36'
K = 94.43'

C-17

RAMP D CURVE DATA

P.I. = 579+78.72 X = 184.63'
Δ = 89° 15' 00" Y = 8.75'
Dc = 8' 47' 58.8" LT = 123.46'
R = 651.11' ST = 61.79'
Lc = 829.24' P = 2.19'
Ls = 185.00' K = 92.44'
Ts = 737.24' e = .083 ft/ft
∅ = 8' 08' 22.9"

C-18

RAMP D CURVE DATA

Pls = 586+90.70 ST = 73.89'
Dc = 4' 30' P = 1.58'
R = 1273.24' K = 109.97'
Ls = 220.00' e = .083 ft/ft
∅ = 4' 57' 00"
Xc = 219.84'
Yc = 6.33'
LT = 146.72'

C-19

RAMP D CURVE DATA

P.I. = 595+44.84
Δ = 63° 02' 26.2"
Dc = 4' 30"
R = 1273.24'
L = 1400.90'
T = 780.86'
C = 1331.30'
E = 220.38'
M = 187.86'
e = .083 ft/ft

C-20

C.R. 144 CURVE DATA

P.I. = 76+68.74 X = 209.75'
Δ = 70° 01' 15.7" Y = 7.69'
Dc = 6' 00' 00" LT = 140.09'
R = 954.93' ST = 70.08'
Lc = 957.02' P = 1.92'
Ls = 210.00' K = 104.96'
Ts = 775.22' e = .083 ft/ft
∅ = 6' 18' 00"

C-21

C.R. 144 CURVE DATA

P.I. = 88+55.32 X = 209.75'
Δ = 28° 45' 00" Y = 7.69'
Dc = 6' 00' 00" LT = 140.09'
R = 954.93' ST = 70.08'
Lc = 269.17' P = 1.92'
Ls = 210.00' K = 104.96'
Ts = 350.19' e = .083 ft/ft
∅ = 6' 18' 00"

C-22

C.R. 144 CURVE DATA

P.I. = 102+11.29 X = 209.75'
Δ = 42° 30' 00" LT. Y = 7.69'
Dc = 6' 00' 00" K = 104.96'
R = 954.93' P = 1.92'
Ls = 210.00' Δc = 29° 54' 00"
∅ = 6' 18' 00" Lc = 498.33'
LT = 140.09' Ts = 477.06'
ST = 70.08' Es = 71.73'
e_{max} = .083 ft/ft

C-23

C.R. 144 CURVE DATA

P.I. = 119+80.07 X = 199.87'
Δ = 77° 23' 16.2" RT. Y = 5.43'
Dc = 4' 39' 53.5" K = 99.98'
R = 1228.24' P = 1.36'
Ls = 200.00' Δc = 68° 03' 29.1"
∅ = 4' 39' 53.5" Lc = 1458.95'
LT = 133.38' Ts = 1084.86'
ST = 66.71' Es = 347.16'
e_{max} = .079 ft/ft

NOTE: C-24 has been deleted.
NOTE: C-25 has been deleted.

C-26

C.R. 152 CURVE DATA

P.I. = 106+38.42 X = 209.75'
 $\Delta = 21^{\circ} 33' 13.4''$ LT. Y = 7.69'
Dc = 6' 00' 00" K = 104.96'
R = 954.93' P = 1.92'
Ls = 210.00' $\Delta_c = 8^{\circ} 57' 13.4''$
 $\emptyset = 6^{\circ} 18' 00''$ Lc = 149.23'
LT = 140.09' Ts = 287.09'
ST = 70.08' Es = 19.10'
 $e_{max} = .083$ ft/ft

C-27

C.R. 144 CURVE DATA

P.I. = 143+84.42 PIs = 152+53.12
 $\Delta = 14^{\circ} 18' 52.7''$ RT. Ls = 165.00'
Dc = 0' 52' 30" $\emptyset = 0^{\circ} 43' 18.8''$
R = 6548.09' Xc = 165.00'
L = 1635.96' Yc = 0.69'
T = 822.26' LT = 110.00'
E = 51.43' ST = 55.00'
 $E_{max} = .022$ ft/ft P = 0.17'
K = 82.50'
 $E_{max} = .022$ ft/ft

C-28

PROP. U.S. 33 CURVE DATA

P.I. = 660+40.13
 $\Delta = 02^{\circ} 54' 47.5''$ LT.
Dc = 0' 16' 00"
R = 21485.92'
L = 1092.45'
T = 546.34'
c = 1092.33'
E = 6.95'
e = NC

C-29

U.S.R. 33 CURVE DATA

Pls = STA. 755+26.19 X = 209.9984'
Dc = 0' 28' 12.1" Y = 0.6030'
R = 12189.83' LT = 140.00'
Ls = 210.00' ST = 70.00'
 $\emptyset = 0^{\circ} 29' 36.7''$ P = 0.164'
K = 104.9997'
e = .019 ft./ft.

C-30

U.S.R. 33 CURVE DATA

P.I. = STA. 0+21.54
 $\Delta = 14^{\circ} 15' 54.3''$ LT.
Dc = 0' 28' 12.1"
R = 12189.83'
L = 3034.93'
T = 1525.35'
C = 3027.10'
E = 95.07'
e = 0.019 ft./ft.

C-31

C.R. 144 CURVE DATA

P.I.s = 152+45.66 LT = 110.00'
Dc = 0' 52' 30" ST = 55.00'
R = 6548.09' P = 0.17'
Ls = 165.00' K = 82.50'
 $\emptyset = 0^{\circ} 43' 18.8''$ e = .022 ft/ft
Xc = 165.00'
Yc = 0.69'

C-32

S.R. 347 CURVE DATA

Pls = 44+11.15 X = 164.9863'
Dc = 2' 00' 00" Y = 1.5838'
R = 2864.789' LT = 110.005'
Ls = 165.00' ST = 55.004'
 $\emptyset = 1^{\circ} 39' 00''$ P = 0.396'
K = 82.498'
e = .045 ft/ft

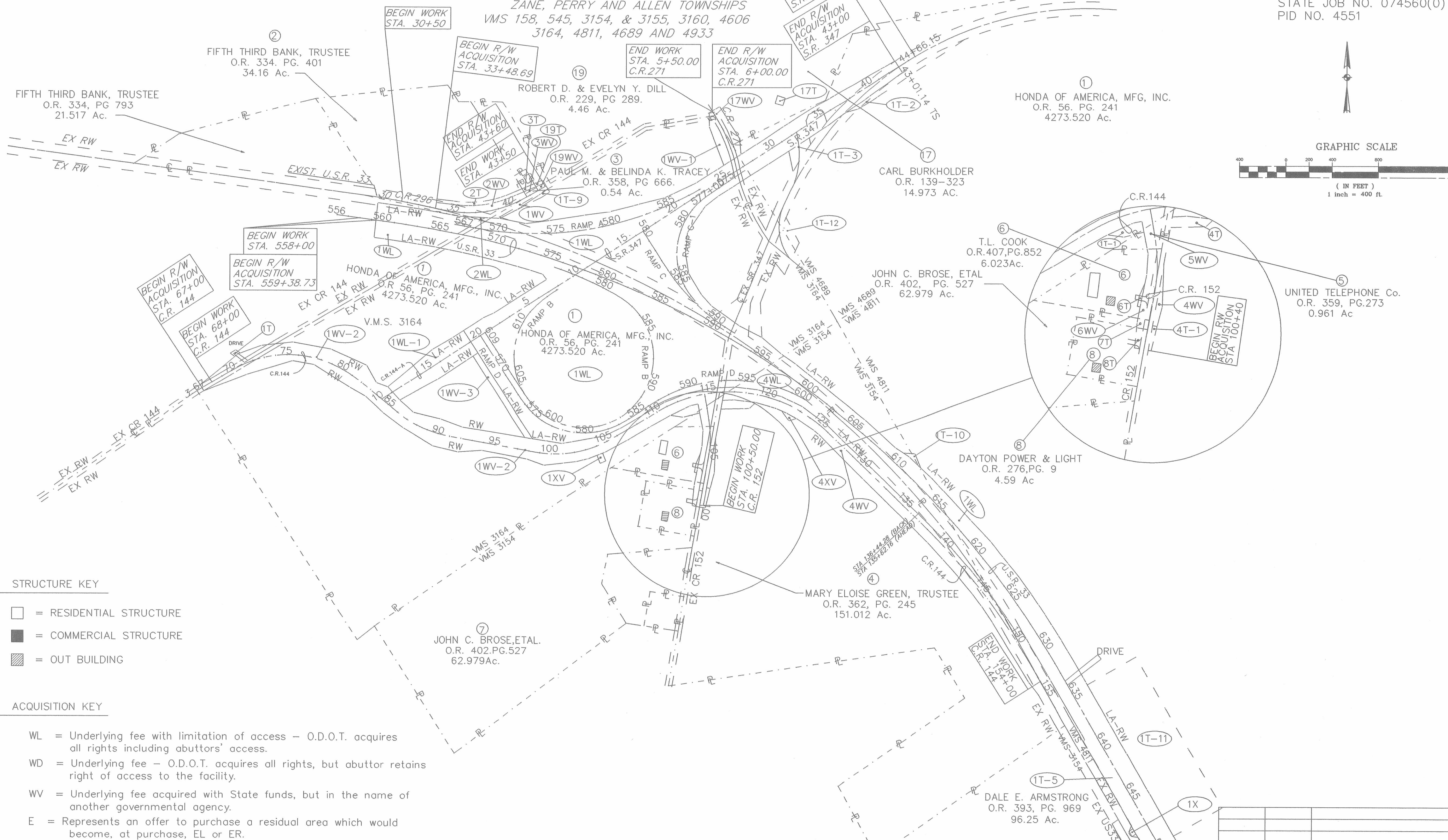
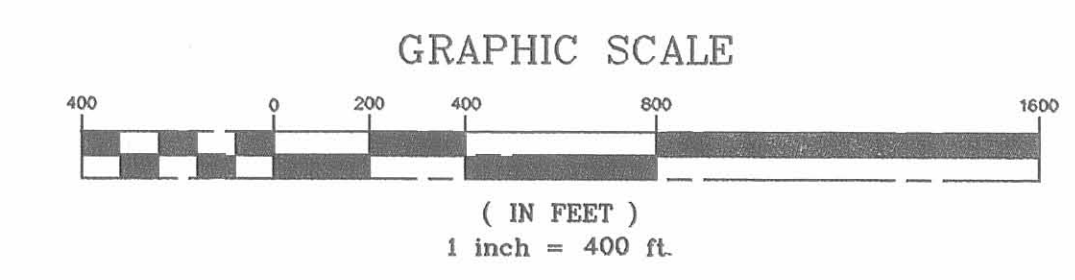
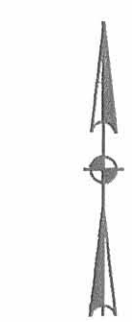
PROPERTY MAP

LOG/UNI-33-25.50/0.00
 LOGAN & UNION COUNTY, OHIO
 ZANE, PERRY AND ALLEN TOWNSHIPS
 VMS 158, 545, 3154, & 3155, 3160, 4606
 3164, 4811, 4689 AND 4933

F.H.W.A. REGION	STATE	PROJECT	
5	OHIO	NH-11(115)	

LOGAN AND UNION COUNTIES
 LOG\UNI-33-25.50\0.00
 STATE JOB NO. 074560(0)
 PID NO. 4551

545
585
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- STRUCTURE KEY**
- = RESIDENTIAL STRUCTURE
 - = COMMERCIAL STRUCTURE
 - ▨ = OUT BUILDING

- ACQUISITION KEY**
- WL = Underlying fee with limitation of access - O.D.O.T. acquires all rights including abuttor's access.
 - WD = Underlying fee - O.D.O.T. acquires all rights, but abuttor retains right of access to the facility.
 - WV = Underlying fee acquired with State funds, but in the name of another governmental agency.
 - E = Represents an offer to purchase a residual area which would become, at purchase, EL or ER.
 - T = TEMPORARY EASEMENT - A right with specific limits as to time and work to be performed. O.D.O.T. essentially rents the land for a set period of time to accomplish a specific construction item.

MATCH LINE STA. 650+00 SEE SHEET 7

REV	DATE	DESCRIPTION
ALS	8/14/96	ADDED PARCEL 19, REV. PARCEL 3
ALS	2/15/96	ADDED 1WL-1, REVISED 1WV-2
ALS	11/2/95	ADDED 1WV-3, REVISED 1WL, 1T-11
COMPLETION DATE		

PROPERTY MAP

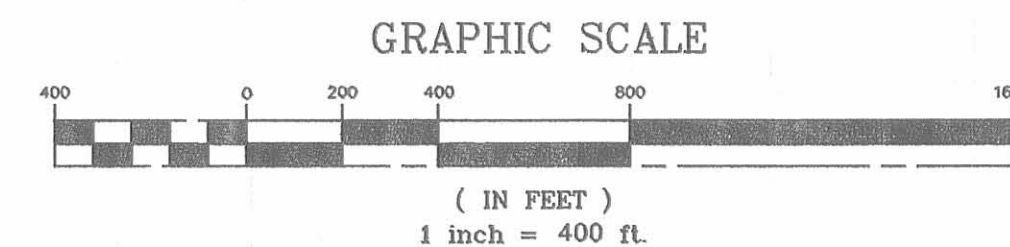
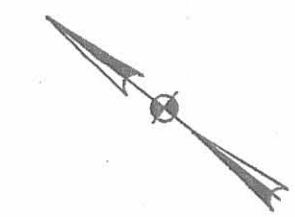
LOG/UNI-33-25.50/0.00
 LOGAN & UNION COUNTY, OHIO
 ZANE, PERRY AND ALLEN TOWNSHIPS
 VMS 158,545,315,&3155 3160,4606
 3164,4811,4689 AND 4933

F.H.W.A. REGION	STATE	PROJECT
5		NH-11(115)

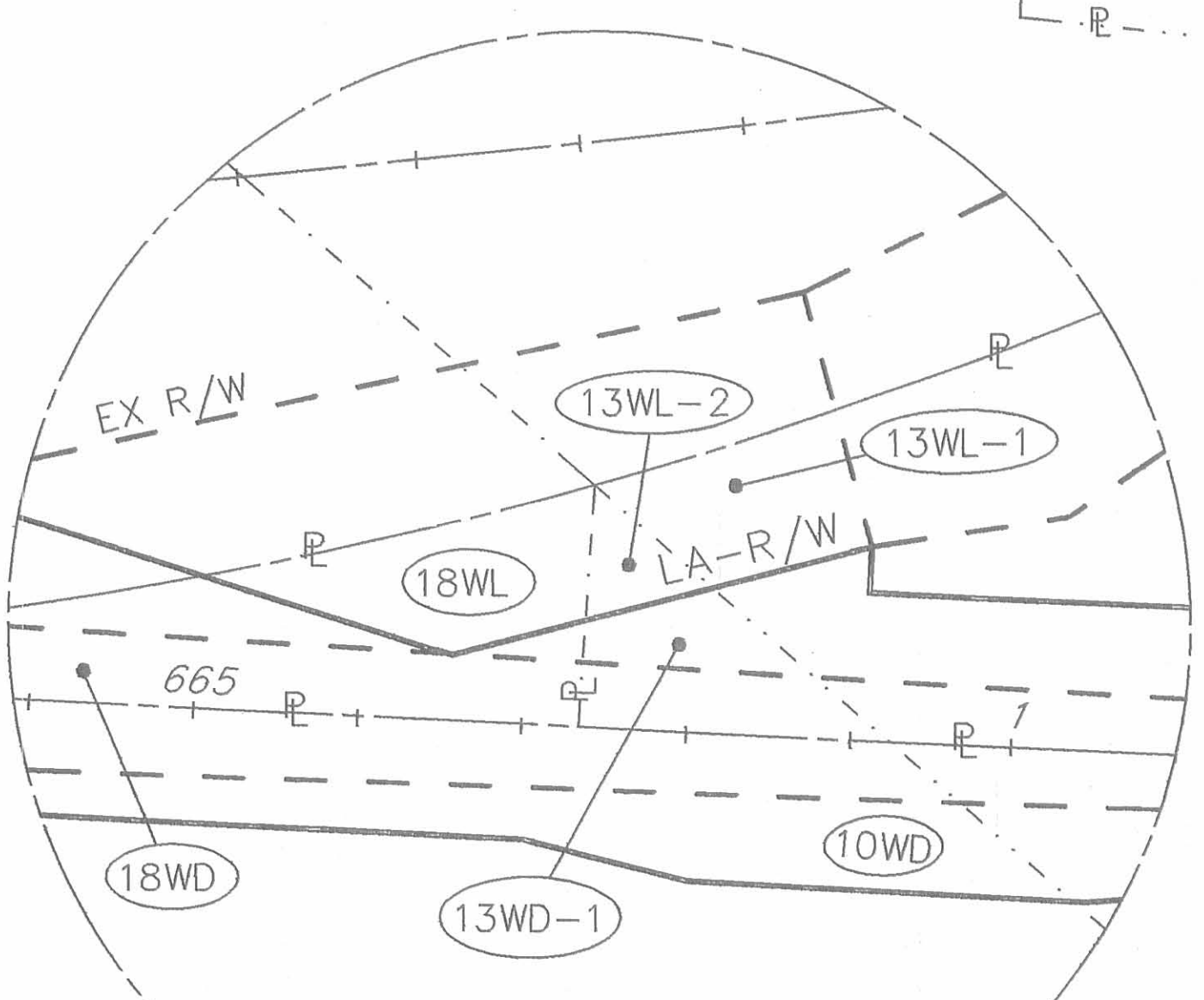
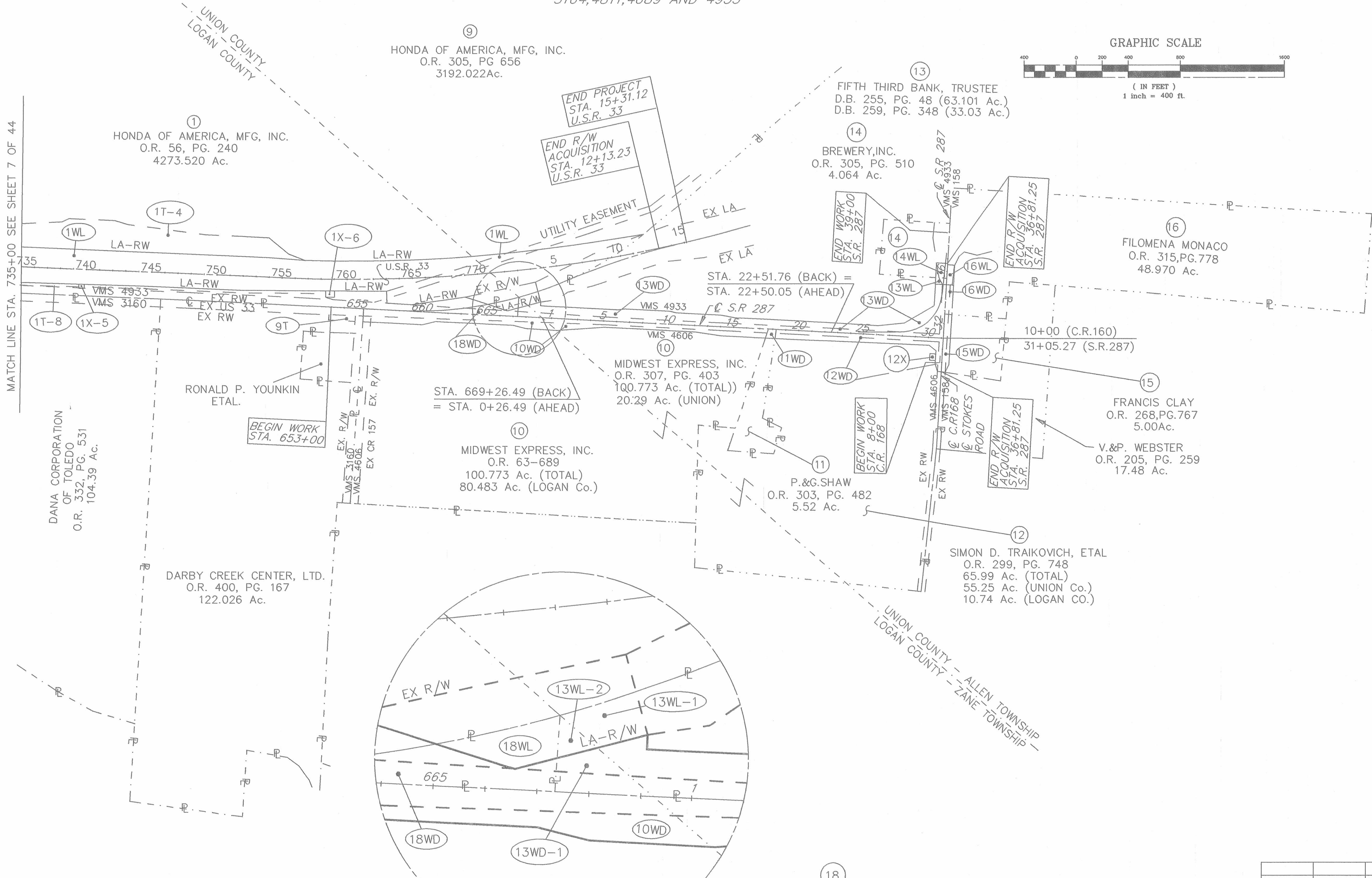
547
585

LOGAN AND UNION COUNTIES
 LOG/UNI-33-25.50/0.00
 STATE JOB NO. 07560(0)
 PID NO. 4551

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44



MATCH LINE STA. 735+00 SEE SHEET 7 OF 44



ALS	3/21/96	ADDED 13WL-2, 13WD-1; REVISED REC. AREA
REV	DATE	DESCRIPTION
COMPLETION DATE		

STATE OF OHIO (THE OHIO STATE UNIVERSITY)
 D.B. 231, PG. 60 AND D.B. 316, PG. 975
 1.095 Ac. (TOTAL)

57021\ROW\PROPMAP3
 1440 33.3.22.0 0.0
 STA.SRVY 02/05/95 DML

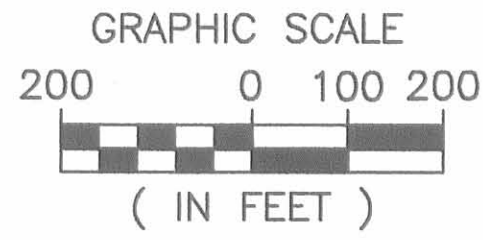
UTILITY PLAN

UTILITY OWNERSHIP

THE FOLLOWING UTILITIES AND OWNERS ARE LOCATED WITHIN THE WORK LIMITS OF THIS PROJECT.

- 1 COLUMBIA GAS OF OHIO
939 WEST GOODALE BOULEVARD
COLUMBUS, OHIO 43212
PHONE: 1-614-460-2238
- 2 UNION RURAL ELECTRIC COOPERATIVE, INC. (UREC)
15461 U.S. ROUTE 36
P.O. BOX 393
MARYSVILLE, OHIO 43040
PHONE: 1-800-642-1826
- 3 DAYTON POWER AND LIGHT (DP&L)
P.O. BOX 1247
COURTHOUSE PLAZA SW
DAYTON, OHIO 45401
PHONE: 1-513-228-3113
- 4 UNITED TELEPHONE COMPANY OF OHIO (UT)
127 NORTH MAIN STREET
BELLEFONTAINE, OHIO 43311
PHONE: 1-513-599-9279
- 5 HONDA OF AMERICA
24000 HONDA PARKWAY
MARYSVILLE, OHIO 43030-9251
PHONE: 1-513-642-6572
- 6 HEARTLAND CABLEVISION (CATV)
P.O. BOX 278
WAYNESFIELD, OHIO 45896
PHONE: 1-800-783-7845

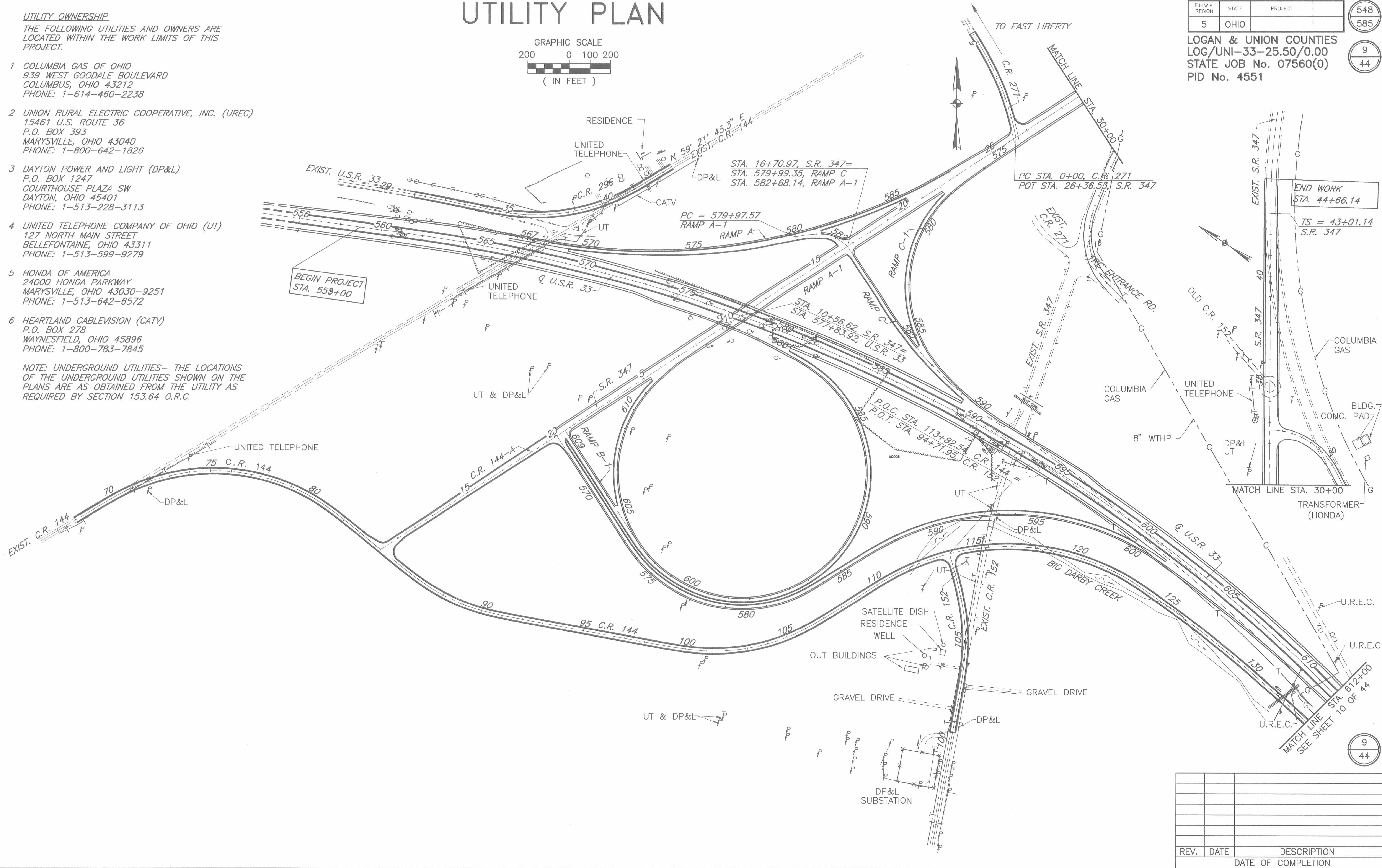
NOTE: UNDERGROUND UTILITIES- THE LOCATIONS OF THE UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE AS OBTAINED FROM THE UTILITY AS REQUIRED BY SECTION 153.64 O.R.C.



F.H.W.A. REGION	STATE	PROJECT	548
5	OHIO		585

LOGAN & UNION COUNTIES
LOG/UNI-33-25.50/0.00
STATE JOB No. 07560(0)
PID No. 4551

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44



REV.	DATE	DESCRIPTION

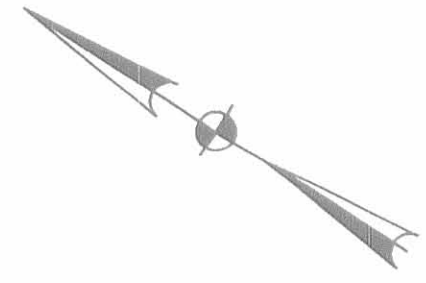
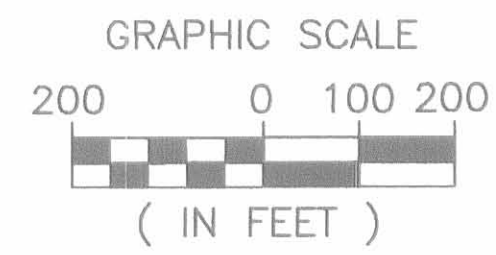
UTILITY PLAN

LOG/UNI-33-25.50/0.00
 LOGAN COUNTY
 PERRY AND ZANE TOWNSHIP
 UNION COUNTY
 ALLEN TOWNSHIP

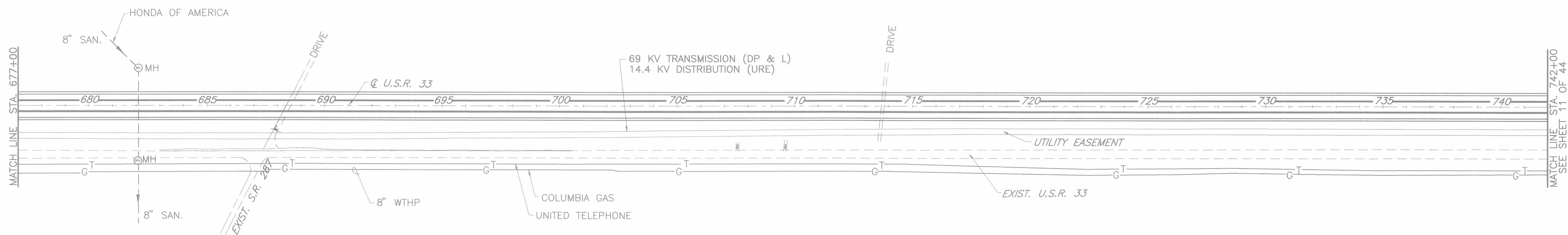
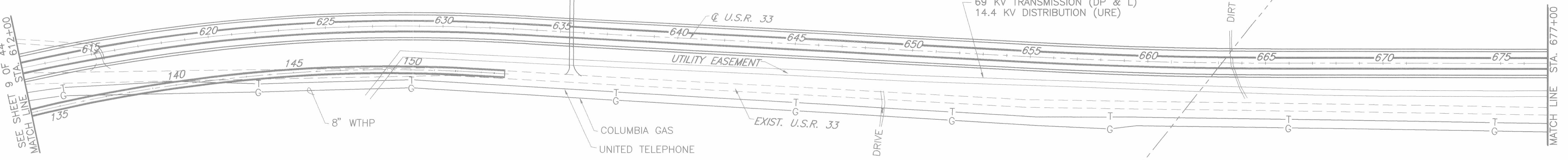
F.H.W.A. REGION	STATE	PROJECT
5	OHIO	

LOGAN & UNION COUNTIES
 LOG/UNI-33-25.50/0.00
 NH-11(115)

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 44



U.S.R. 33
 FOR CURVE DATA,
 SEE SHEET 2



10
 44

REV.	DATE	DESCRIPTION

570E1\ROW\UTL-2
 1-200 33.5.22.0 0.0

UTILITY PLAN

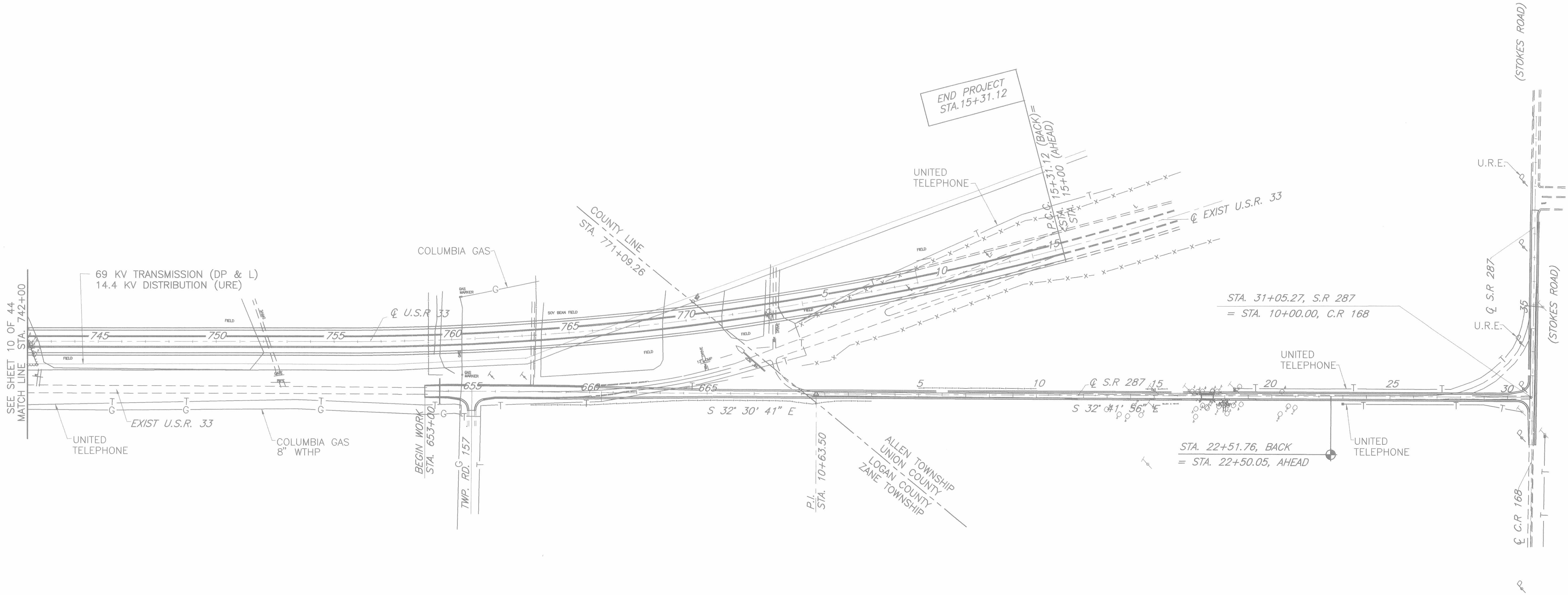
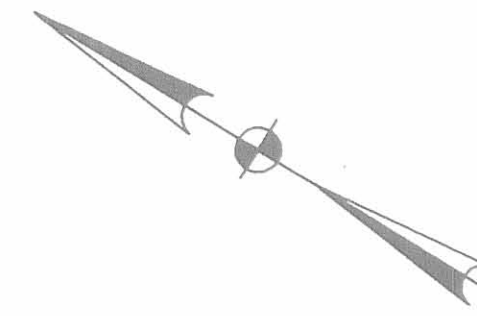
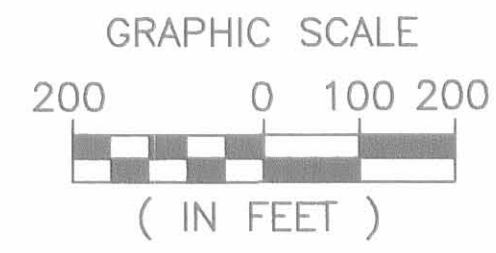
F.H.W.A. REGION	STATE	PROJECT	
5	OHIO		

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LOGAN & UNION COUNTIES
LOG/UNI-33-25.50/0.00

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NH-11(115)



SEE SHEET 10 OF 44
MATCH LINE STA. 742+00

11
44

REV.	DATE	DESCRIPTION

570E1\SCH\UTIL-3
1-200_33-25.22-10_0,0

TOTAL NUMBER OF
 19 OWNERSHIPS
 0 TOTAL TAKES
 0 OWNERSHIPS WITH STRUCTURES INVOLVED
 0 OWNERSHIPS WITH "P" ITEMS

SUMMARY OF ADDITIONAL RIGHT OF WAY

NOTE:
 RECORD AREA AFTER OUT-
 SALES MINUS TOTAL P.R.O.
 MINUS NET TAKE EQUALS
 NET RESIDUE.

F.H.W.A. REGION	FEDERAL	PROJECT	
5	OHIO	NH-11(115)	

LOGAN & UNION COUNTIES
 LOG\UNI-33-25.50
 STATE JOB No. 07560(0)
 PID No. 4551

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585

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44

NOTE: ALL AREAS IN ACRES UNLESS OTHERWISE NOTED

PARCEL	OWNER	AUDITOR'S PARCEL NO.	SHEET NO.	OWNERS RECORD		RECORD AREA	TOTAL PRO	GROSS TAKE	P.R.O. IN TAKE	NET TAKE	STRUC-TURE	NET LEFT	RESIDUE RIGHT	TYPE FUND	REMARKS AND PERSONALITY	AS ACQUIRED	
				BOOK	PAGE											BOOK	PAGE
1WL	HONDA OF AMERICA, MFG., INC. (LOGAN Co.)	32-122-00-00-034-000		56	241	4273.520	75.500	194.267	29.823	164.444	NO	1330.852	2679.067	STATE			
	HONDA OF AMERICA, MFG., INC. (UNION Co.)	1-00-10-01-005		305	666	3192.022	29.940	4.410	0.285	4.125		3157.957	0.000				
1WL-1	" " " " "		38,39					3.885	0.000	3.885	NO						
1WV	" " " " "		17,18					0.486	0.420	0.066	NO						
1WV-1	" " " " "		34					1.310	0.458	0.852	NO						
1WV-2	" " " " "		37 thru 40					19.041	1.157	17.884	NO						
1WV-3	" " " " "		39					0.971	0.000	0.971	NO						
1T	HONDA OF AMERICA, MFG., INC.	32-122-00-00-034-000	37	56	241			0.058	0.000	0.058	NO				FOR 24 MONTH DURATION		
1T-1	" " " " "		40					0.316	0.000	0.316	NO				GRADE & SEED		
1T-2	" " " " "		35,36					2.839	0.000	2.839	NO				GRADE & SEED		
1T-3	" " " " "		35					0.573	0.000	0.573	NO				GRADE & SEED		
1T-4	" " " " "		24 thru 31					34.006	0.000	34.006	NO				GRADE & SEED		
1T-5	" " " " "		22,23,24					1.116	0.000	1.116	NO				GRADE & SEED		
1T-6	" " " " "		25					0.015	0.000	0.015	NO				GRADE & SEED		
1T-7	" " " " "		25,26					0.308	0.000	0.308	NO				GRADE & SEED		
1T-8	" " " " "		27,28					0.762	0.000	0.762	NO				GRADE & SEED		
1T-9	" " " " "		18					0.073	0.000	0.073					GRADE & SEED		
1T-10	" " " " "		20,21					0.123	0.000	0.123					GRADE & SEED		
1T-11	NOT USED																
1T-12	" " " " "		19,41					2.733	0.000	2.733					GRADE & SEED		
1T-13	" " " " "		22,23,24					0.866	0.000	0.866					GRADE & SEED		
1T-14	" " " " "		22,23,24					0.321	0.000	0.321					GRADE & SEED		
1T-15	" " " " "		25,26					0.111	0.000	0.111					GRADE & SEED		
1T-16	" " " " "		28,29					0.555	0.000	0.555	NO				GRADE & SEED		
1T-17	" " " " "		29,30					0.596	0.000	0.596	NO				GRADE & SEED		
1T-18	" " " " "		30,31					0.722	0.000	0.722	NO				GRADE & SEED		
1T-19	" " " " "		31					0.527	0.000	0.527	NO				GRADE & SEED		
1R	" " " " "		22,23,23A					8.957	0.000	8.957					PERMANENT BUFFER EASEMENT SURROUNDING PERMANENT WETLAND EASEMENT		
1R-1	" " " " "		22,23,23A					8.026	0.000	8.026					PERMANENT WETLAND EASEMENT		
1X	HONDA OF AMERICA, MFG., INC.		23					0.042	0.000	0.042							
1X-1	" " " " "		24					0.021	0.000	0.021							
1X-2	" " " " "		26					0.019	0.000	0.019							
1X-3	" " " " "		28					0.011	0.000	0.011							
1X-4	" " " " "		29					0.030	0.000	0.030							
1X-5	" " " " "		30					0.004	0.000	0.004							
1X-6	" " " " "		31					0.019	0.000	0.019							
1XV	HONDA OF AMERICA, MFG., INC.		39,40					0.093	0.000	0.093							
															HIGHWAY EASEMENT TO LIMITED ACCESS		
2WL	FIFTH THIRD BANK, TRUSTEE (LOGAN Co.)	32-111-00-00-035-000	17	344	401	34.16	1.433	0.100	0.100	0.000		32.090	0.000				
2WV	" " " " "		17,18					1.599	0.962	0.637					GRADE & SEED		
2T	" " " " "		17,18					0.186	0.000	0.186							
3WV	PAUL M. TRACEY & BELINDA K. TRACEY (LOGAN Co.)	32-111-19-01-003-000	18	358	666	0.54	0.086	0.118	0.086	0.032		0.422	0.000				
3T			18					0.030	0.000	0.030					GRADE & SEED		

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NOTES:

- 1) ALL TEMPORARY PARCELS ARE FOR GRADING PURPOSES ONLY UNLESS OTHERWISE NOTED, HAVING A DURATION OF 24 MONTHS.
- 2) ALL [WV] AND [XV] PARCELS ARE ACQUIRED BY THE STATE, FOR THE APPROPRIATE COUNTY.

ALS	8/14/96	REVISED 3WV & 3T
ALS	3/11/96	ADD 1R, 1R-1; REVISED 1T-11
ALS	2/15/96	ADD 1WL-1 (3.885 Ac); REVISED 1WV-2
ALS	12/06/95	REVISED RESIDUE QUANTITIES
ALS	10/24/95	REVISED 1WL, 1T-11; ADDED 1WV-3
REV.	DATE	DESCRIPTION
		COMPLETION DATE

SUMMARY OF ADDITIONAL RIGHT OF WAY

NOTE: ALL AREAS IN ACRES UNLESS OTHERWISE NOTED

NOTE:
RECORD AREA AFTER OUT-
SALES MINUS TOTAL P.R.O.
MINUS NET TAKE EQUALS
NET RESIDUE.

F.H.W.A. REGION	FEDERAL	PROJECT
5	OHIO	NH-11(115)

LOGAN & UNION COUNTIES
LOG\UNI-33-25.50
STATE JOB No. 07560(0)
PID No. 4551

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PARCEL	OWNER	AUDITOR'S PARCEL NO.	SHEET NO.	OWNERS RECORD		RECORD AREA	TOTAL PRO	GROSS TAKE	P.R.O. IN TAKE	NET TAKE	STRUC-TURE	NET LEFT	RESIDUE RIGHT	TYPE FUND	REMARKS AND PERSONALITY	AS ACQUIRED	
				BOOK	PAGE											BOOK	PAGE
4WL	MARY ELOISE GREEN, TRUSTEE (LOGAN Co.)	32-126-00-00-015-000	20-22,40	362	245	151.012	7.321	5.139	3.340	1.799		0.000	132.979	STATE			
4WV	" " " " "		20-22,40,42					10.708	1.795	8.913							
4T	" " " " "		20,40					0.409	0.000	0.409					GRADE & SEED		
4T-1	" " " " "		42					0.120	0.000	0.120					GRADE & SEED		
4XV	" " " " "		20					0.082	0.000	0.082							
5WV	UNITED TELEPHONE (LOGAN Co.)	32-126-00-00-013	40,42	359	273	0.961	0.172	0.581	0.138	0.443		0.346	0.000				
6WV	T.L. COOK (LOGAN Co.)	32-126-00-00-011-005 & (001)	42	407	852 & 854	6.023	0.344	0.924	0.286	0.638		5.041	0.000				
6T	" " " " "	32-126-00-00-011-005	42		852			0.058	0.000	0.058					GRADE & SEED		
7T	JOHN C. BROSE, ETAL (LOGAN Co.)	32-126-00-00-011-000	42	402	527	62.979	0.117	0.078	0.000	0.078		62.784	0.000		GRADE & SEED		
8T	DAYTON POWER AND LIGHT (LOGAN Co.)	32-126-00-00-012-000	42	276	9	4.59	0.317	0.111	0.000	0.111		4.273	0.000		GRADE & SEED		
9T	DARBY CREEK CENTER, LTD. (LOGAN Co.)	53-141-00-00-018-001	31	400	167	122.026	2.094	0.116	0.000	0.116		0.000	119.932		GRADE & SEED		
10WD	MIDWEST EXPRESS INC. (LOGAN Co.)	53-141-00-00-030-000	31,32,43	63	689	80.483	2.533	2.876	1.328	1.548		0.000	76.402		20.29 ACRES IN UNION COUNTY / 80.483 ACRES IN LOGAN COUNTY		
	MIDWEST EXPRESS INC. (UNION Co.)	1-000-10-11-000	31,32,43	307	403	20.29	1.199	2.302	1.159	1.143		0.000	17.948		20.29 ACRES IN UNION COUNTY / 80.483 ACRES IN LOGAN COUNTY		
11WD	PAUL & GERTRUDE SHAW	3-000-10-12-000	43	303	482	5.52	0.041	0.148	0.061	0.087		0.000	5.392				
11T			44					0.076	0.000	0.076					CONSTRUCT & MAINTAIN A TEMPORARY DRIVE		
12WD	SIMON D. TRAIKOVICH, ETAL (UNION Co.)	3-000-10-13-000	43,44	299	748	65.99	2.238	2.178	1.046	1.132		0.000	62.620		55.25 ACRES IN UNION COUNTY		
12X		3-000-10-14-000	44					0.052	0.000	0.052							
12T			44					0.082	0.000	0.082					CONSTRUCT & MAINTAIN A TEMPORARY DRIVE		
13WL	FIFTH THIRD BANK, TRUSTEE (UNION Co.)	3-000-10-08-000	44	255	48	63.101	4.68	0.094	0.050	0.044		82.076	0.000				
13WL-1		3-000-00-10-000	32,43,44	259	348	33.03	4.48	0.223	0.223	0.000							
13WL-2			32					0.072	0.072	0.000							
13WD			32					7.249	2.398	4.851							
13WD-1			32					0.254	0.254	0.000							
14WL	BREWERY, INC. (UNION Co.)	3-000-10-09-000	44	305	510	4.064	0.289	0.226	0.193	0.033		3.742	0.000				
15WD	FRANCIS CLAY (UNION Co.)	3-000-30-02-000	44	268	767	5.00	0.317	0.545	0.307	0.238		0.000	4.445				
16WL	FILOMENA MONACO (UNION Co.)	3-000-30-03-000	44	315	778	48.970	0.661	0.195	0.175	0.020		0.000	48.159				
16WD	& UBALDO MONACO TRUSTEE (UNION Co.)		44	336	705			0.286	0.156	0.130							
17WV	CARL BURKHOLDER (LOGAN Co.)	32-111-00-00-030-000	34	139	323	14.973	0.551	0.581	0.223	0.358		14.064	0.000				

NOTES:

- 1) ALL TEMPORARY PARCELS ARE FOR GRADING PURPOSES ONLY UNLESS OTHERWISE NOTED, HAVING A DURATION OF 24 MONTHS.
- 2) ALL [WV] AND [XV] PARCELS ARE ACQUIRED BY THE STATE, FOR THE APPROPRIATE COUNTY.

ALS	3/21/96	REVISED PARCEL 13
ALS	12/06/95	REVISED RESIDUE QUANTITIES
REV.	DATE	DESCRIPTION
		COMPLETION DATE

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SUMMARY OF ADDITIONAL RIGHT OF WAY

NOTE: ALL AREAS IN ACRES UNLESS OTHERWISE NOTED

NOTE:
RECORD AREA AFTER OUT-
SALES MINUS TOTAL P.R.O.
MINUS NET TAKE EQUALS
NET RESIDUE.

F.H.W.A. REGION	FEDERAL	PROJECT
5	OHIO	NH-11(115)

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LOGAN & UNION COUNTIES
LOG\UNI-33-25.50
STATE JOB No. 07560(0)
PID No. 4551

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PARCEL	OWNER	AUDITOR'S PARCEL NO.	SHEET NO.	OWNERS RECORD		RECORD AREA	TOTAL PRO	GROSS TAKE	P.R.O. IN TAKE	NET TAKE	STRUC- TURE	NET LEFT	RESIDUE RIGHT	TYPE FUND	REMARKS AND PERSONALTY	AS ACQUIRED	
				BOOK	PAGE											BOOK	PAGE
17T	CARL BURKHOLDER (LOGAN Co.)	32-111-00-00-030-000	34	139	323			0.056	0.000	0.056				STATE	GRADE & SEED		
18WL	STATE OF OHIO (THE OHIO STATE UNIVERSITY) UNION CO.		31,32	231	60	1.095	1.095	0.329	0.329	0.000		0.000	0.000		THIS PARCEL OF LAND DID NOT TRANSFER WITH THE REST TO HONDA		
18WD	STATE OF OHIO (THE OHIO STATE UNIVERSITY) LOGAN CO.			231/316	60/975			0.766	0.766	0.000							
19WV	ROBERT. D. AND EVELYN Y. DILL		18	229	289	4.46	0.2	0.061	0.044	0.017		4.243	0.000		GRADE & SEED		
19T								0.031	0.000	0.031							

NOTES:

- 1) ALL TEMPORARY PARCELS ARE FOR GRADING PURPOSES ONLY UNLESS OTHERWISE NOTED, HAVING A DURATION OF 24 MONTHS.
- 2) ALL [WV] AND [XV] PARCELS ARE ACQUIRED BY THE STATE, FOR THE APPROPRIATE COUNTY.

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REV.	DATE	DESCRIPTION
ALS	8/14/96	ADD OWNER (#19), 19WV & 19T
ALS	3/21/96	REVISED RECORD AREA AND OWNER (#18)
ALS	12/06/95	REVISED RECORD AREA AND PRO (#18)