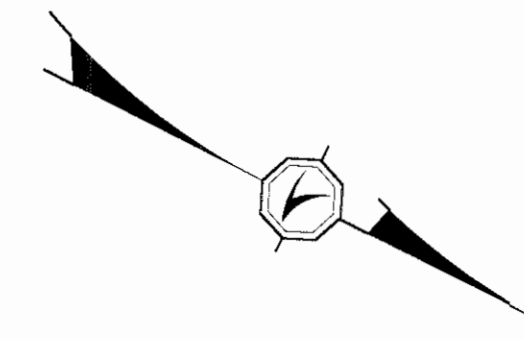


**MONUMENT LEGEND**

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

**LUC-280-2.96**  
**SECTION 30,31 AND 32**  
**TOWNSHIP 9 SOUTH, RANGE 8 EAST**  
**MICHIGAN MERIDIAN**  
**CITY OF TOLEDO**  
**LUCAS COUNTY**

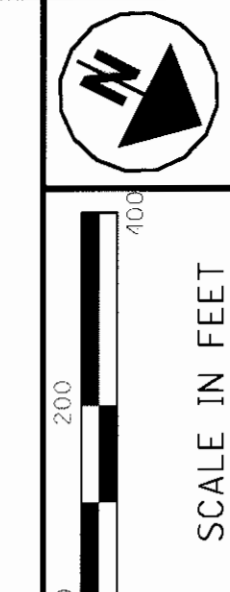


BASIS FOR BEARINGS:

ALL BEARINGS SHOWN ARE FOR PROJECT USE ONLY. THESE BEARINGS ARE TO AN ASSUMED MERIDIAN AND ARE USED TO DELINEATE ANGLES ONLY

THE EXISTING R/W WIDTH AND LOCATION WERE DETERMINED USING DOCUMENTATION ON FILE FROM THE OHIO DEPARTMENT OF TRANSPORTATION, DISTRICT TWO OFFICE, BOWLING GREEN, OHIO

EXPRESSWAY - SECTION 2  
EXPRESSWAY - SECTION 4A  
EXPRESSWAY - SECTION 5  
FRONT STREET - CITY OF TOLEDO  
LUC-280-4.25 GREENBELT PARKWAY



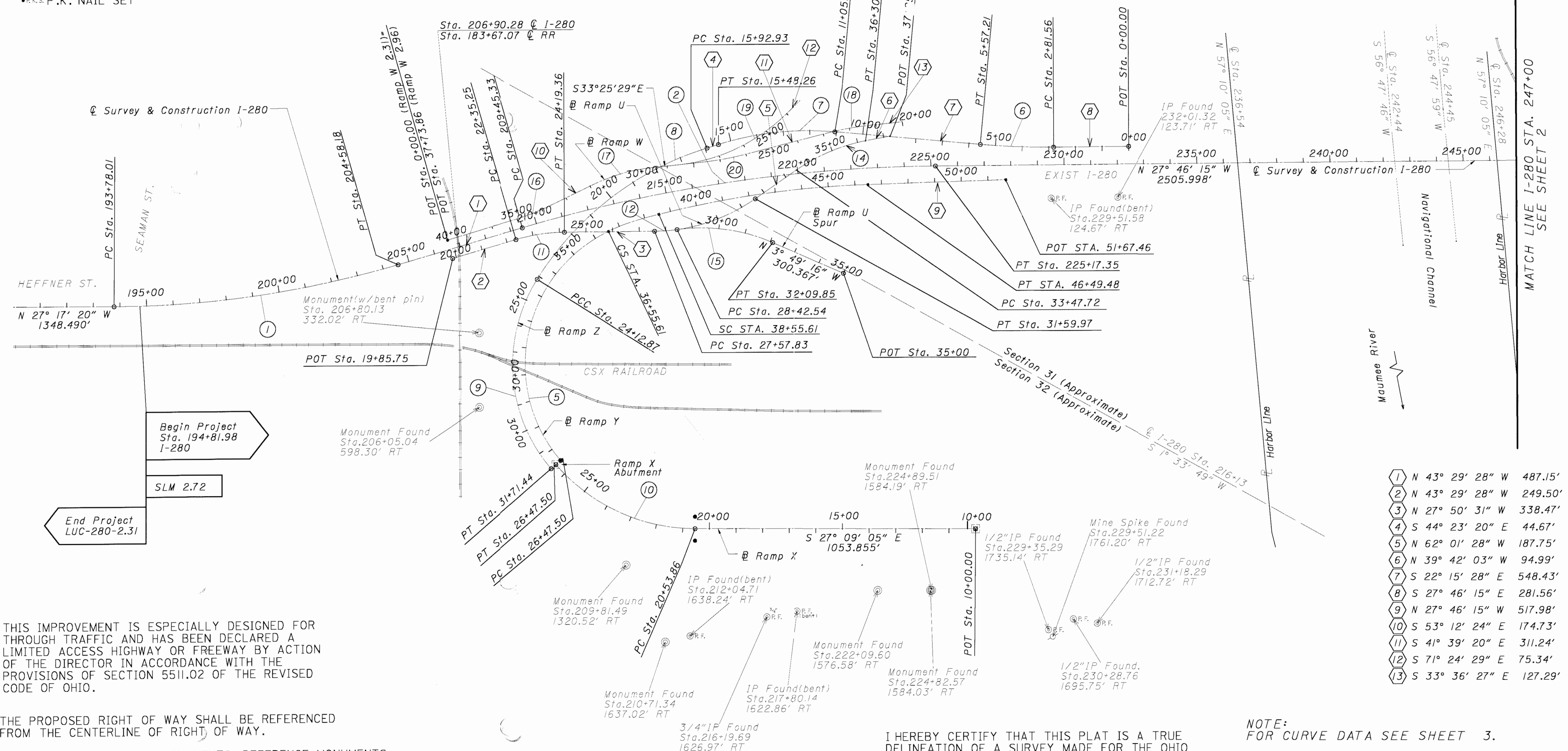
PID NO. **20208**

R/W DESIGNER: RMF  
R/W SURVEYOR: CHM

**CENTERLINE PLAT**

**LUC-280-2.96**

1 / 15  
479  
1879



1	N 43° 29' 28" W	487.15'
2	N 43° 29' 28" W	249.50'
3	N 27° 50' 31" W	338.47'
4	S 44° 23' 20" E	44.67'
5	N 62° 01' 28" W	187.75'
6	N 39° 42' 03" W	94.99'
7	S 22° 15' 28" E	548.43'
8	S 27° 46' 15" E	281.56'
9	N 27° 46' 15" W	517.98'
10	S 53° 12' 24" E	174.73'
11	S 41° 39' 20" E	311.24'
12	S 71° 24' 29" E	75.34'
13	S 33° 36' 27" E	127.29'

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.

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

ADJUSTABLE CENTERLINE MONUMENTS, REFERENCE MONUMENTS AND RIGHT OF WAY MONUMENTS ARE SHOWN ON STANDARD CONSTRUCTION DRAWING RM 1.1 (REV. 4-29-99) OF THE OHIO DEPARTMENT OF TRANSPORTATION. THE PLACING OF THE MONUMENTS SHALL BE UNDER THE DIRECTION OF A SURVEYOR REGISTERED IN THE STATE OF OHIO AND ARE TO BE SET, AS SHOWN BY THE HIGHWAY CONTRACTOR AT THE TIME OF CONSTRUCTION. ANY ALTERATIONS, WITH PRIOR APPROVAL OF THE OHIO DEPARTMENT OF TRANSPORTATION, SHALL BE NOTED AND O.D.O.T. SHALL BE NOTIFIED OF THE NEW LOCATIONS.

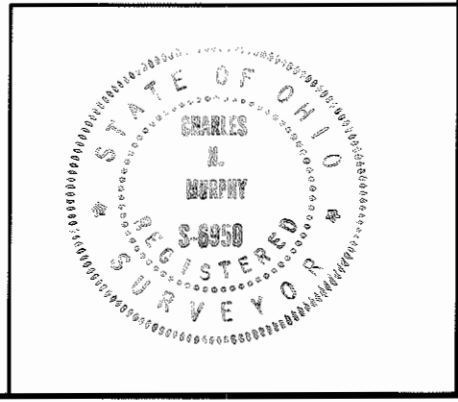
I HEREBY CERTIFY THAT THIS PLAT IS A TRUE DELINEATION OF A SURVEY MADE FOR THE OHIO DEPARTMENT OF TRANSPORTATION IN 2000 BY DLZ OHIO, INC.

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

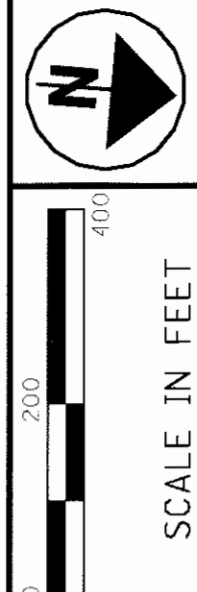
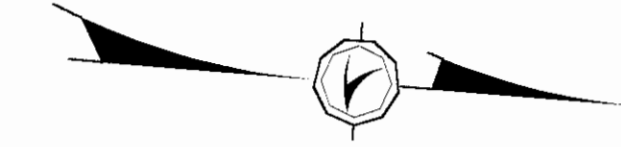
BY Clayton H. Murphy  
SURVEYOR'S NAME  
SURVEYOR NO. 6950 DATE 6-14-01

NOTE: FOR CURVE DATA SEE SHEET 3.

RECEIVED \_\_\_\_\_, 20\_\_\_\_  
 RECORDED \_\_\_\_\_, 20\_\_\_\_  
 BOOK \_\_\_\_\_ PAGE \_\_\_\_\_  
 COUNTY RECORDER



LUC-280-2.96  
SECTION 30, 31 AND 32  
TOWNSHIP 9 SOUTH, RANGE 8 EAST  
MICHIGAN MERIDIAN  
CITY OF TOLEDO  
LUCAS COUNTY



PID NO. **20208**

BY/REVIEWER: **RMF**  
DATE: **CHM**

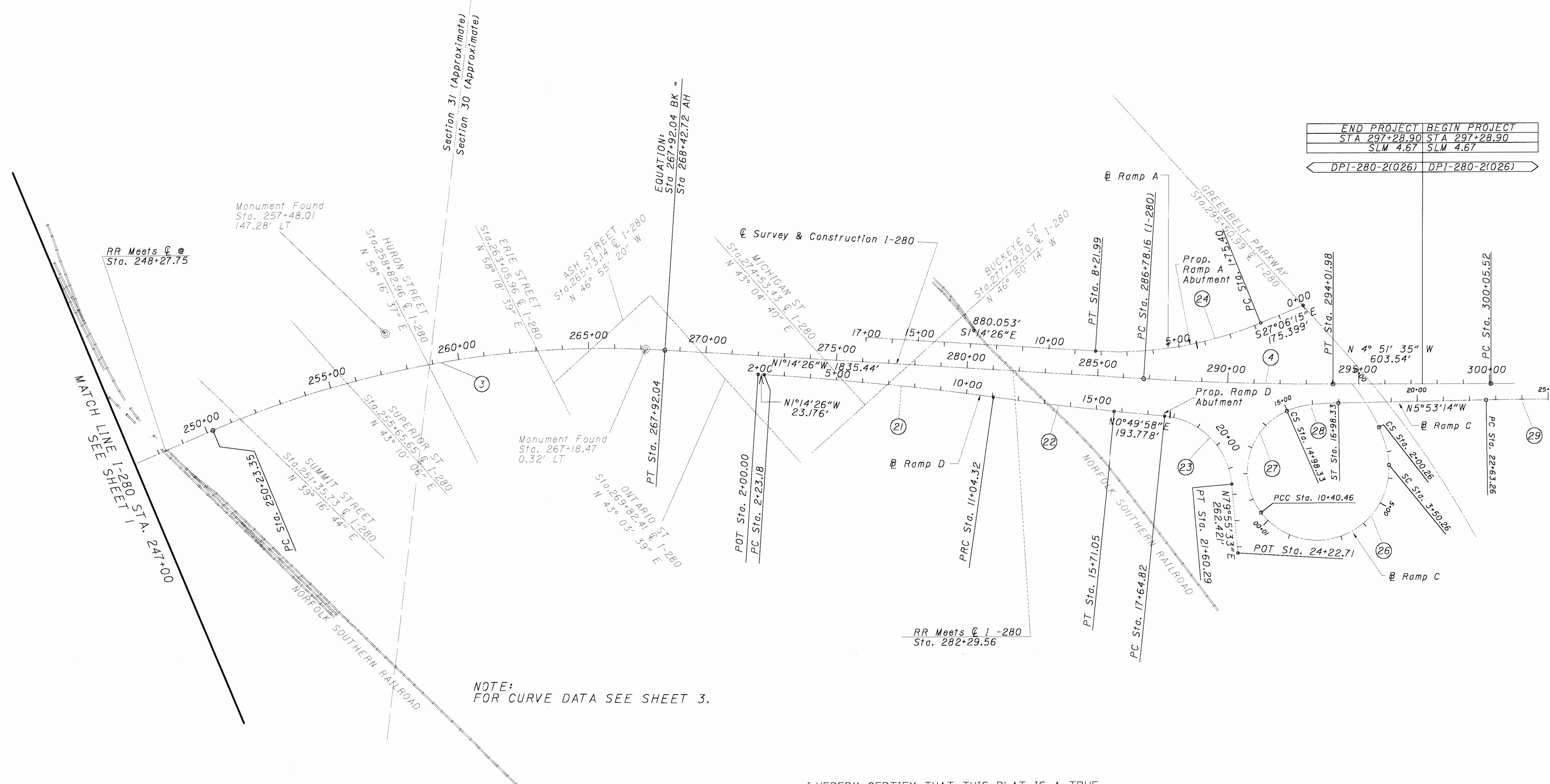
**CENTERLINE PLAT**

**LUC-280-2.96**

2 / 15  
480  
1879

END PROJECT	BEGIN PROJECT
STA 297+28.90	STA 297+28.90
SLM 4.67	SLM 4.67

DPI-280-2(026)    DPI-280-2(026)



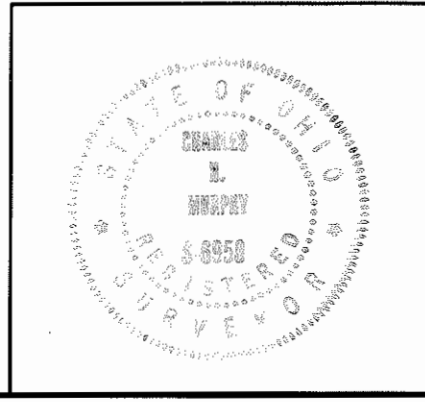
NOTE:  
FOR CURVE DATA SEE SHEET 3.

I HEREBY CERTIFY THAT THIS PLAT IS A TRUE DELINEATION OF A SURVEY MADE FOR THE OHIO DEPARTMENT OF TRANSPORTATION IN 2000 BY DLZ OHIO, INC.

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

BY Charly H. Murphy  
SURVEYOR'S NAME  
SURVEYOR NO. 6950 DATE 6-14-01

RECEIVED \_\_\_\_\_, 20\_\_\_\_  
 RECORDED \_\_\_\_\_, 20\_\_\_\_  
 BOOK \_\_\_\_\_ PAGE \_\_\_\_\_  
 \_\_\_\_\_  
 COUNTY RECORDER



- ① I-280 Curve Data  
P.I. Sta = 199+21.73  
D = 16° 12' 09" (LT)  
Dc = 1° 30' 00"  
R = 3,819.73'  
T = 543.71'  
L = 1,080.17'  
E = 38.50'  
e<sub>max</sub> = 0.037
- ② I-280 Curve Data  
P.I. Sta = 217+36.31  
D = 15° 43' 13" (RT)  
Dc = 1° 00' 00"  
R = 5,729.58'  
T = 790.98'  
L = 1,572.02'  
E = 54.34'  
e<sub>max</sub> = 0.027
- ③ I-280 Curve Data  
P.I. Sta = 259+23.85  
D = 26° 31' 49" (RT)  
Dc = 1° 30' 00"  
R = 3,819.72'  
T = 900.49'  
L = 1,768.69'  
E = 104.71'  
e<sub>max</sub> = 0.037
- ④ I-280 Curve Data  
P.I. Sta = 290+40.19  
D = 3° 37' 09" (LT)  
Dc = 0° 30' 00"  
R = 11,459.16'  
T = 362.03'  
L = 723.82'  
E = 5.72'  
Normal Crown
- ⑤ Ramp Y Curve Data  
P.I. Sta = 33+64.48  
D = 105° 00' 00" (RT)  
Dc = 10° 24' 56"  
R = 550.10'  
T = 716.90'  
L = 1,008.11'  
E = 353.54'  
e<sub>max</sub> = 0.060
- Ramp Y Curve Data  
P.I. Sta = 37+31.06  
D = 11° 55' 56" (RT)  
Dc1 = 10° 24' 56"  
R1 = 550.10'  
Dc2 = 1° 31' 00"  
R2 = 3,777.76'  
Ls = 200.00'  
P = 2.59'  
Δ1 = 10° 25' 11"  
Δ2 = 1° 30' 45"  
LT = 125.20'  
ST = 75.45'  
e<sub>max</sub> = 0.060  
e<sub>max</sub> = 0.032
- Ramp Y Curve Data  
P.I. Sta = 42+54.01  
D = 12° 02' 25" (RT)  
Dc = 1° 31' 00"  
R = 3,777.76'  
L = 793.87'  
E = 20.95'  
e<sub>max</sub> = 0.032
- ⑥ Ramp Z Curve Data  
P.I. Sta = 4+19.49  
D = 5° 30' 47" (RT)  
Dc = 2° 00' 00"  
R = 2,864.79'  
T = 137.93'  
L = 275.65'  
E = 3.32'  
e<sub>max</sub> = 0.035
- ⑦ Ramp Z Curve Data  
P.I. Sta = 13+29.75  
D = 22° 07' 52" (LT)  
Dc = 5° 00' 00"  
R = 1,145.92'  
T = 224.10'  
L = 442.62'  
E = 21.71'  
e<sub>max</sub> = 0.056
- ⑧ Ramp Z Curve Data  
P.I. Sta = 20+21.34  
D = 40° 59' 48" (LT)  
Dc = 5° 00' 00"  
R = 1,145.92'  
T = 428.41'  
L = 819.94'  
E = 77.46'  
e<sub>max</sub> = 0.056
- ⑨ Ramp Z Curve Data  
P.I. Sta = 28+53.01  
D = 72° 47' 23" (LT)  
Dc = 9° 35' 44"  
R = 597.10'  
T = 440.14'  
L = 758.57'  
E = 144.69'  
e<sub>max</sub> = 0.059
- ⑩ Ramp X Curve Data  
P.I. Sta = 23+70.18  
D = 48° 58' 32" (RT)  
Dc = 8° 15' 00"  
R = 694.49'  
T = 316.32'  
L = 593.64'  
E = 68.64'  
e<sub>max</sub> = 0.057
- ⑪ Ramp U Curve Data  
P.I. Sta = 23+27.88  
D = 15° 38' 58" (RT)  
Dc = 8° 30' 00"  
R = 674.07'  
T = 92.63'  
L = 184.11'  
E = 6.34'  
e<sub>max</sub> = 0.060
- ⑫ Ramp U Curve Data  
P.I. Sta = 29+66.68  
D = 34° 25' 50" (LT)  
Dc = 3° 30' 00"  
R = 674.07'  
T = 208.86'  
L = 405.07'  
E = 31.62'  
e<sub>max</sub> = 0.060
- ⑬ Ramp U Curve Data  
P.I. Sta = 34+95.97  
D = 24° 19' 35" (RT)  
Dc = 8° 30' 00"  
R = 674.07'  
T = 145.28'  
L = 286.19'  
E = 15.13'  
e<sub>max</sub> = 0.060
- ⑭ Not Used
- ⑮ Ramp U Spur Curve Data  
P.I. Sta = 30+30.88  
D = 31° 13' 15" (RT)  
Dc = 8° 30' 00"  
R = 674.07'  
T = 188.34'  
L = 367.31'  
E = 25.82'  
e<sub>max</sub> = 0.060
- ⑯ Ramp W Curve Data  
P.I. Sta = 34+36.08  
D = 9° 18' 41" (RT)  
Dc = 6° 30' 00"  
R = 881.48'  
T = 71.79'  
L = 143.25'  
E = 2.92'  
e<sub>max</sub> = 0.057
- ⑰ Ramp W Curve Data  
P.I. Sta = 30+74.37  
D = 19° 46' 55" (LT)  
Dc = 8° 30' 00"  
R = 674.07'  
T = 117.53'  
L = 232.73'  
E = 10.17'  
e<sub>max</sub> = 0.060
- ⑱ Ramp W Curve Data  
P.I. Sta = 22+07.89  
D = 8° 02' 50" (LT)  
Dc = 5° 00' 00"  
R = 1,145.92'  
T = 80.60'  
L = 160.94'  
E = 2.83'  
e<sub>max</sub> = 0.051  
P.C. Sta = 21+27.29  
P.T. Sta = 22+88.23
- ⑲ Ramp W Spur Curve Data  
P.I. Sta = 26+37.33  
D = 37° 59' 01" (RT)  
Dc = 8° 30' 00"  
R = 674.07'  
T = 231.99'  
L = 446.86'  
E = 38.80'  
e<sub>max</sub> = 0.060  
P.C. Sta = 24+05.34  
P.T. Sta = 28+52.20
- ⑳ Ramp W Curve Data  
P.I. Sta = 26+81.91  
D = 8° 13' 51" (RT)  
Dc = 5° 00' 00"  
R = 1,145.92'  
T = 82.45'  
L = 164.62'  
E = 2.96'  
e<sub>max</sub> = 0.051
- ㉑ Ramp D Curve Data  
P.I. Sta = 6+63.97  
D = 4° 24' 21" (RT)  
Dc = 0° 30' 00"  
R = 11,459.20'  
T = 440.79'  
L = 881.15'  
E = 8.47'  
Normal Crown
- ㉒ Ramp D Curve Data  
P.I. Sta = 13+37.72  
D = 2° 20' 01" (LT)  
Dc = 0° 30' 00"  
R = 11,459.20'  
T = 233.39'  
L = 466.72'  
E = 2.38'  
Normal Crown
- ㉓ Ramp D Curve Data  
P.I. Sta = 20+01.37  
D = 79° 05' 35" (RT)  
Dc = 20° 00' 00"  
R = 286.48'  
T = 236.55'  
L = 395.47'  
E = 85.04'  
e<sub>max</sub> = 0.060
- ㉔ Ramp A Curve Data  
P.I. Sta = 5+04.30  
D = 25° 51' 49" (RT)  
Dc = 4° 00' 00"  
R = 1,432.39'  
T = 328.90'  
L = 646.59'  
E = 37.28'  
e<sub>max</sub> = 0.029
- ㉕ Ramp C Ex Curve Data  
P.I. Sta = 1+00.79  
D = 16° 01' 14" (RT)  
Dc = 8° 00' 00"  
R = 716.20'  
T = 100.79'  
L = 200.26'  
E = 7.06'  
e<sub>max</sub> = 0.060
- ㉖ Ramp C Curve Data  
P.I. Sta = 2+87.37  
D = 34° 10' 57" (RT)  
Dc1 = 8° 00' 00"  
R1 = 716.20'  
Dc2 = 20° 59' 59"  
R2 = 272.84'  
Ls = 150.00'  
P = 2.12'  
Δ1 = 5° 59' 16"  
Δ2 = 15° 45' 33"  
LT = 87.11'  
ST = 64.65'  
e<sub>max</sub> = 0.060  
e<sub>max</sub> = 0.060
- ㉗ Ramp C Curve Data  
P.I. Sta = 20+01.37  
D = 144° 56' 28" (RT)  
Dc = 20° 59' 59"  
R = 272.84'  
T = 863.79'  
L = 690.20'  
E = 633.01'  
e<sub>max</sub> = 0.060
- ㉘ Ramp C Curve Data  
P.I. Sta = 15+50.91  
D = 126° 38' 18" (RT)  
Dc = 22° 42' 01"  
R = 252.40'  
Ts = 510.45'  
Lc = 457.87'  
Es = 317.04'  
THETA = 22°42'01"  
Ls = 200.00'  
LT = 134.45'  
ST = 67.68'  
e<sub>max</sub> = 0.060
- ㉙ Ramp C Curve Data  
P.I. Sta = 27+70.09  
D = 5° 02' 12" (RT)  
Dc = 0° 30' 00"  
R = 11,459.16'  
T = 503.99'  
L = 1,007.32'  
E = 11.08'  
Normal Crown

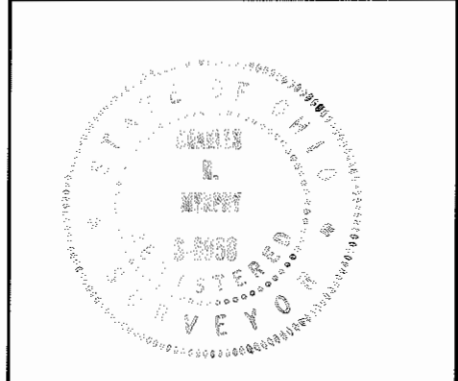
MONUMENTS TO BE SET DURING CONSTRUCTION			
STATION	DIST. FROM ☉ OF SURVEY	☉ MONUMENTS	☉ REFERENCE MONUMENTS
RAMP X			
10+00	ON ☉	1	
PC 20+53.86	45' L&R		2
PT 26+47.50	45' L&R		2
	TOTAL	3	2

I HEREBY CERTIFY THAT THIS PLAT IS A TRUE DELINEATION OF A SURVEY MADE FOR THE OHIO DEPARTMENT OF TRANSPORTATION IN 2000 BY D.Z OHIO, INC.

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

BY Charly H. Munsch  
SURVEYOR'S NAME  
SURVEYOR NO. 6950 DATE 6-14-01

RECEIVED \_\_\_\_\_, 20\_\_\_\_  
RECORDED \_\_\_\_\_, 20\_\_\_\_  
BOOK \_\_\_\_\_ PAGE \_\_\_\_\_  
COUNTY RECORDER



SCALE IN FEET

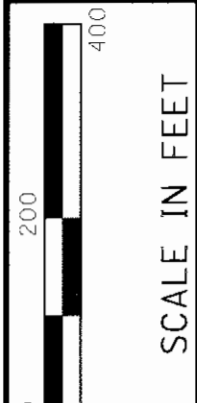
PID NO. 20208

CENTERLINE PLAT

LUC-280-2.96

3 / 15

481 1879



PID NO. 20208

R/W DESIGNER RMF  
R/W REVIEWER CHM

PROPERTY MAP

LUC-280-2.96

4 / 15  
482  
1879

LUC-280-2.96  
SECTION 30, 31 and 32  
TOWNSHIP 9 SOUTH, RANGE 8 EAST  
MICHIGAN MERIDIAN  
CITY OF TOLEDO  
LUCAS COUNTY

**CONVENTIONAL SIGNS**

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

UTILITY OWNERS

- ELEC: TOLEDO EDISON  
300 MADISON AVE  
MAILSTOP 1855  
TOLEDO, OH 43652  
PH: (419)249-5218
- GAS/FUEL TRANSMISSION: COLUMBIA GAS OF OHIO, INC.  
333 S ERIE ST  
TOLEDO, OH 43616  
PH: (419)252-8111
- WATER: CITY OF TOLEDO  
DEPT OF PUBLIC UTILITIES  
401 S ERIE ST  
TOLEDO, OH 43602  
PH: (419)936-2830
- TELE/COMM: BUCKEYE CABLE SYSTEM  
4818 ANGOLA RD  
TOLEDO, OH 43615-6411  
PH: (419)724-9820 EXT. 3368
- SBC/AMERITECH  
ROOM 205  
130 N ERIE ST  
TOLEDO, OH 43624  
PH: (419)245-7301
- ADELPHIA  
P.O. BOX 405  
DEFIANCE, OH 43512  
PH: (419)784-1992
- MCI WORLDCOM  
BROOKS FIBER COMMUNICATION  
26 N 11TH ST  
TOLEDO, OH 43624  
PH: (419)324-5011
- BP AMOCO PIPELINE CO  
28100 TORCH PKWY  
MC-748K  
WARRENSVILLE, IL 60555  
PH: (630)836-5205
- BUCKEYE PIPE LINE CO  
P.O. BOX 167567  
OREGON, OH 43616  
PH: (419)698-8189
- MID-VALLEY PIPE LINE  
5152 ROCKRIDGE RD  
P.O. BOX 219  
CYGNET, OH 43413  
PH: (419)655-3313
- SUN PIPELINE CO  
7155 INKSTER RD  
TAYLOR, MI 48180-1481  
PH: (313)292-8850
- WOLVERINE PIPELINE CO  
8105 VALLEYWOOD LN  
PORTAGE, MI 49024  
PH: (616)323-2491 EXT. 24
- TRANSMONTAIGNE PIPE LINE, INC.  
359 SINCLAIR ST  
TOLEDO, OH 43605  
PH: (419)698-8218

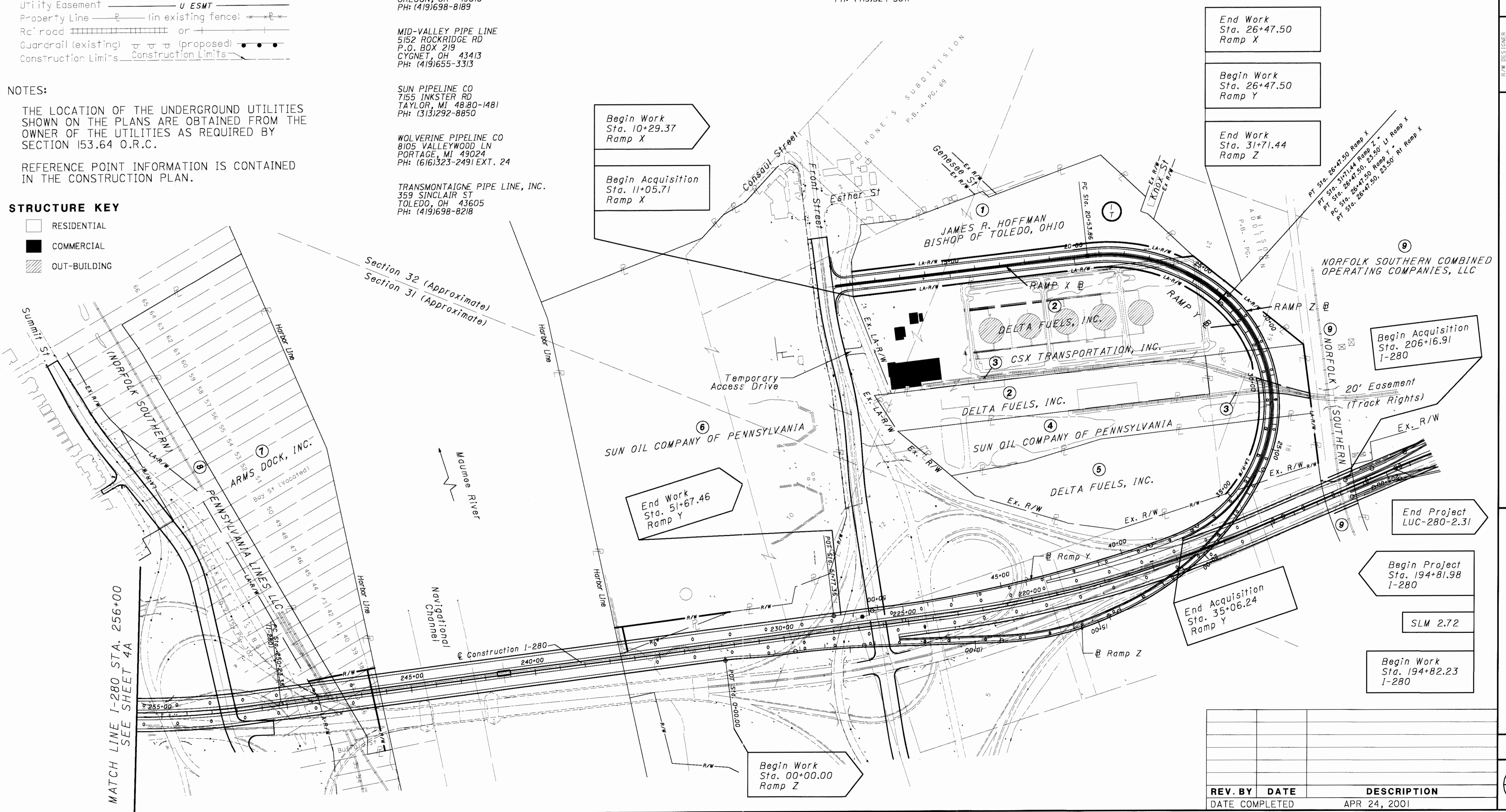
**NOTES:**

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

REFERENCE POINT INFORMATION IS CONTAINED IN THE CONSTRUCTION PLAN.

**STRUCTURE KEY**

- RESIDENTIAL (white square)
- COMMERCIAL (black square)
- OUT-BUILDING (diagonal lines)



06/05/01  
11:23:41 AM  
G:\Survey\002\1003\001\1\1003pm.dgn

REV. BY	DATE	DESCRIPTION

MATCH LINE I-280 STA. 256+00  
SEE SHEET 4A



TOTAL NUMBER OF :

10 OWNERSHIPS  
14 PARCELS  
0 TOTAL TAKES

0 OWNERSHIPS WITH STRUCTURES INVOLVED  
1 OWNERSHIPS WITH "P" ITEMS

NET RESIDUE = RECORD AREA - TOTAL PRO - NET TAKE

**GRANTEE:**

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

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	STRUC-TURE	NET RESIDUE		TYPE FUND	REMARKS AND PERSONALTY	AS ACQUIRED	
			BOOK	PAGE								LEFT	RIGHT			BOOK	PAGE
1 LA	James R. Hoffman, Bishop of Toledo, Ohio	7-10	81	060C09	07-38117	9.580	0.000	2.767	0.000	2.767	No	6.813	-	State			
1 T		7-10		582E07				6.831	0.000	6.831	No				Project Office, staging and storage of materials		
2 LA	Delta Fuels, Inc.	9-11	91	507A03	07-38207	4.550	0.000	0.000	0.000	0.000	No			State			
			86	442C02	07-38211	12.520	0.000	1.692	0.000	1.692							
					Total	17.070	0.000	1.692	0.000	1.692		-	15.378				
3 A	CSX Transportation, Inc.	11						0.162	0.000	0.162	No	-	-	State	Property Right To Be Acquired Aerial & Access Rights Conditionally Retained		
4 LA	Sun Refining and Marketing Company	11	89	398B04	07-38214	6.860	0.000	1.319	0.000	1.319	No	-	5.541	State	Rail Access Rights Conditionally Retained Pipeline Rights Conditionally Retained	01 397	B 09
			79	190A01													
5 LA	Delta Fuels, Inc.	11-12	86	442C02	07-38311	8.180	0.000	1.433	0.000	1.433	No	-	6.747	State			
6 SH	Sun Refining and Marketing Company	13	89	398B04	18-63864	4.000	0.000	0.493	0.000	0.493	No			State		01 397	B 08
			79	190A01	18-63911	5.550	0.000	0.000	0.000	0.000							
					Total	9.550	0.000	0.493	0.000	0.493		-	9.057				
6 A		13						0.070	-	0.070				State		01 397	B 07
7 SH	Arms Dock, Inc.	14	94	268D12	18-64047	15.000	0.000	0.706	0.000	0.706	P	-	14.294	State	Gravel Stockpile		
7 A		14						0.228	-	0.228				State			
8 A	Pennsylvania Lines, LLC	14	00	301B09	18-64031	0.770	0.000	0.909	0.000	0.909	No	-	-	State			
					18-99329	0.750											
					18-99341	1.343											
					18-99343												
8 SH		14						200 sq ft	0.000	200 sq ft	No			State			
					Total	2.863		0.914	0.000	0.914		-	2.858				
9A	Norfolk Southern Combined Railroad Subsidiaries	6	142	309	16-99011			0.472	0.000	0.472	No	-	-	State	Railroad is carried with no acreage on Auditor's Parcel		
10 SH	City of Toledo (Fee Owner) Norfolk Southern Combined Railroad Subsidiaries (Operating Rights)	15						0.439	0.000	0.439	No	-	-	State	Rail occupancy rights retained		

NOTE: ALL TEMPORARY PARCELS TO BE OF 24 MONTHS DURATION

\* DENOTES RIGHT OF WAY ENCROACHMENT

UNDER NO CIRCUMSTANCES ARE TEMPORARY EASEMENTS TO BE USED FOR STORAGE OF MATERIAL OR EQUIPMENT BY THE CONTRACTOR UNLESS NOTED OTHERWISE

PLAN COMPLETED: SEP. 8, 2000

REV	DATE	DESCRIPTION

FEDERAL PROJECT NO. TE21-G000(243)

PID NO. 20208

STATE JOB NO. 422510

R/W DESIGNER RMF  
R/W REVIEWER RMF

SUMMARY OF ADDITIONAL RIGHT OF WAY

LUC-280-2.96

5 / 15

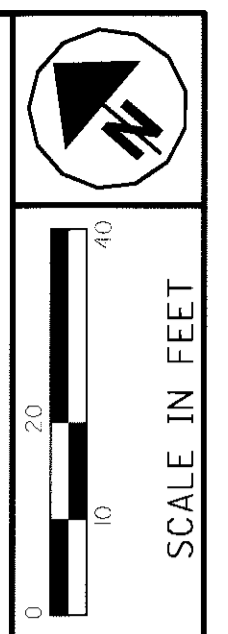
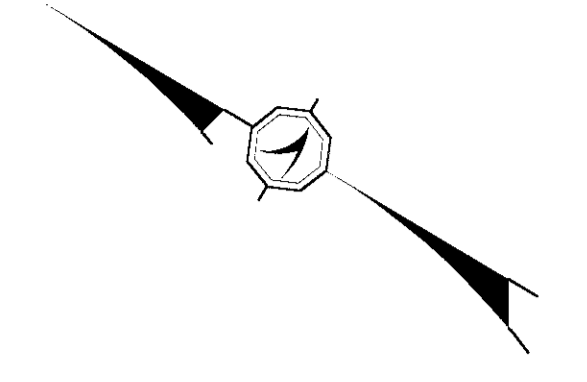
483  
1879



**CONVENTIONAL SIGNS**

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

**LUC-280-2.96**  
**SECTION 32**  
**TOWNSHIP 9 SOUTH, RANGE 8 EAST**  
**MICHIGAN MERIDIAN**  
**LOT 11, HONE'S SUBDIVISION**  
**CITY OF TOLEDO**  
**LUCAS COUNTY**



PID NO. **20208**

R/W DESIGNER: RMF  
 R/W REVIEWER: CHM

**RIGHT OF WAY PLAN**  
**RAMP X STA 10+00 TO STA 13+50**

**LUC-280-2.96**

7 / 15

485  
1879

Proposed R/W to be addressed at the relocation of Front Street

**BEGIN WORK**  
 Ramp X  
 STA. 10+29.37

PT Sta. 39+54.14

**Front Street Curve Data**  
 P.I. = 38+68.90  
 Δ = 06°49'38" RT  
 D = 04°00'00"  
 R = 1,432.40'  
 T = 85.44'  
 L = 170.68'  
 E = 2.55'

**BEGIN ACQUISITION**  
 Ramp X  
 STA. 11+05.71

Proposed R/W to be addressed at the relocation of Front Street

JAMES R. HOFFMAN  
 BISHOP OF TOLEDO, OHIO  
 (Park/Sports Fields)

DELTA FUELS, INC.  
 (Industrial/Fuel Storage)

**STRUCTURE KEY**

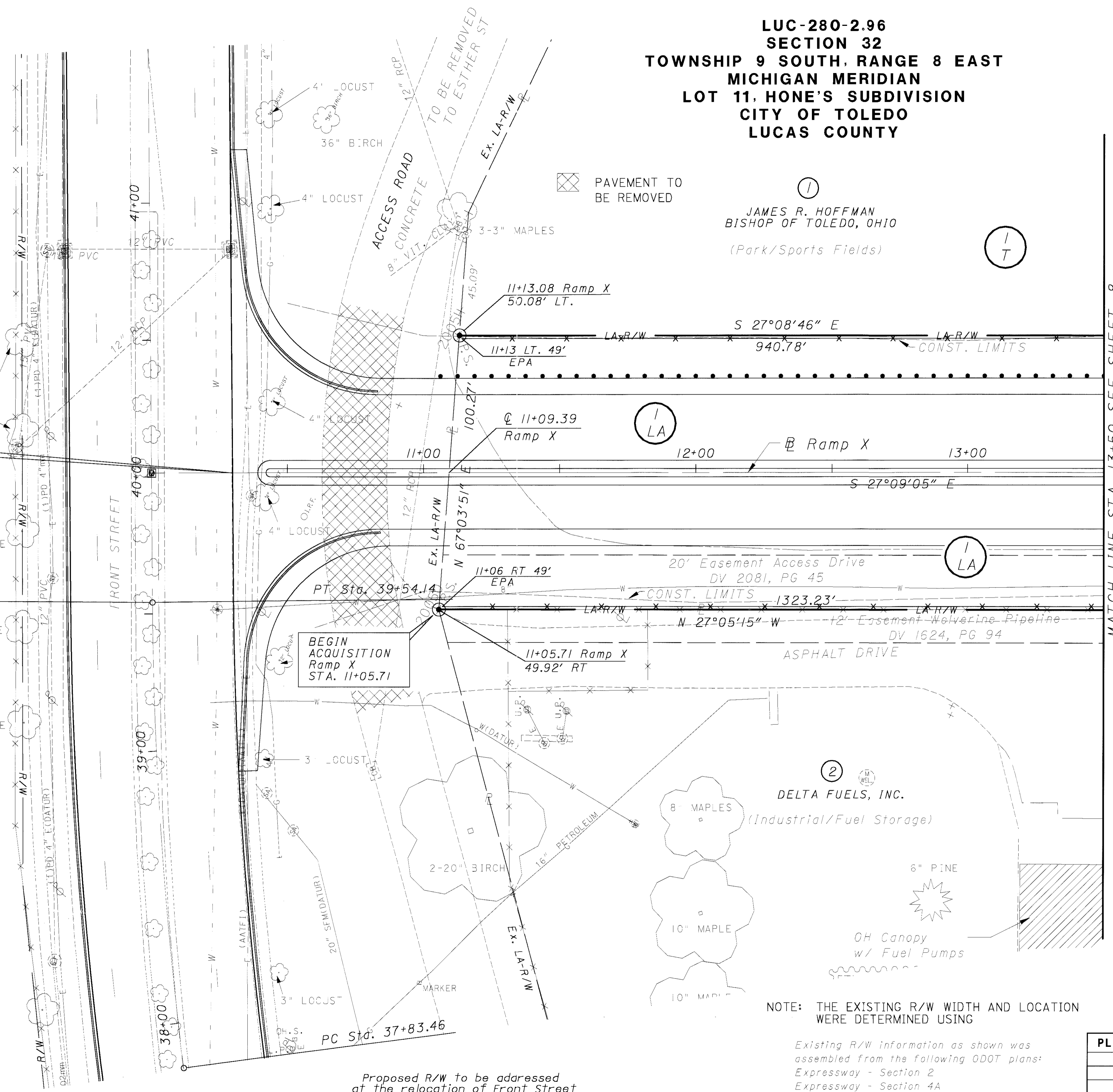
- [Symbol] RESIDENTIAL
- [Symbol] COMMERCIAL
- [Symbol] OUT-BUILDING

NOTE: THE EXISTING R/W WIDTH AND LOCATION WERE DETERMINED USING

Existing R/W information as shown was assembled from the following ODOT plans:  
 Expressway - Section 2  
 Expressway - Section 4A  
 Expressway - Section 5  
 Front Street - RW from City of Toledo

**PLAN COMPLETED: APR 24, 2001**

**REV DATE DESCRIPTION**

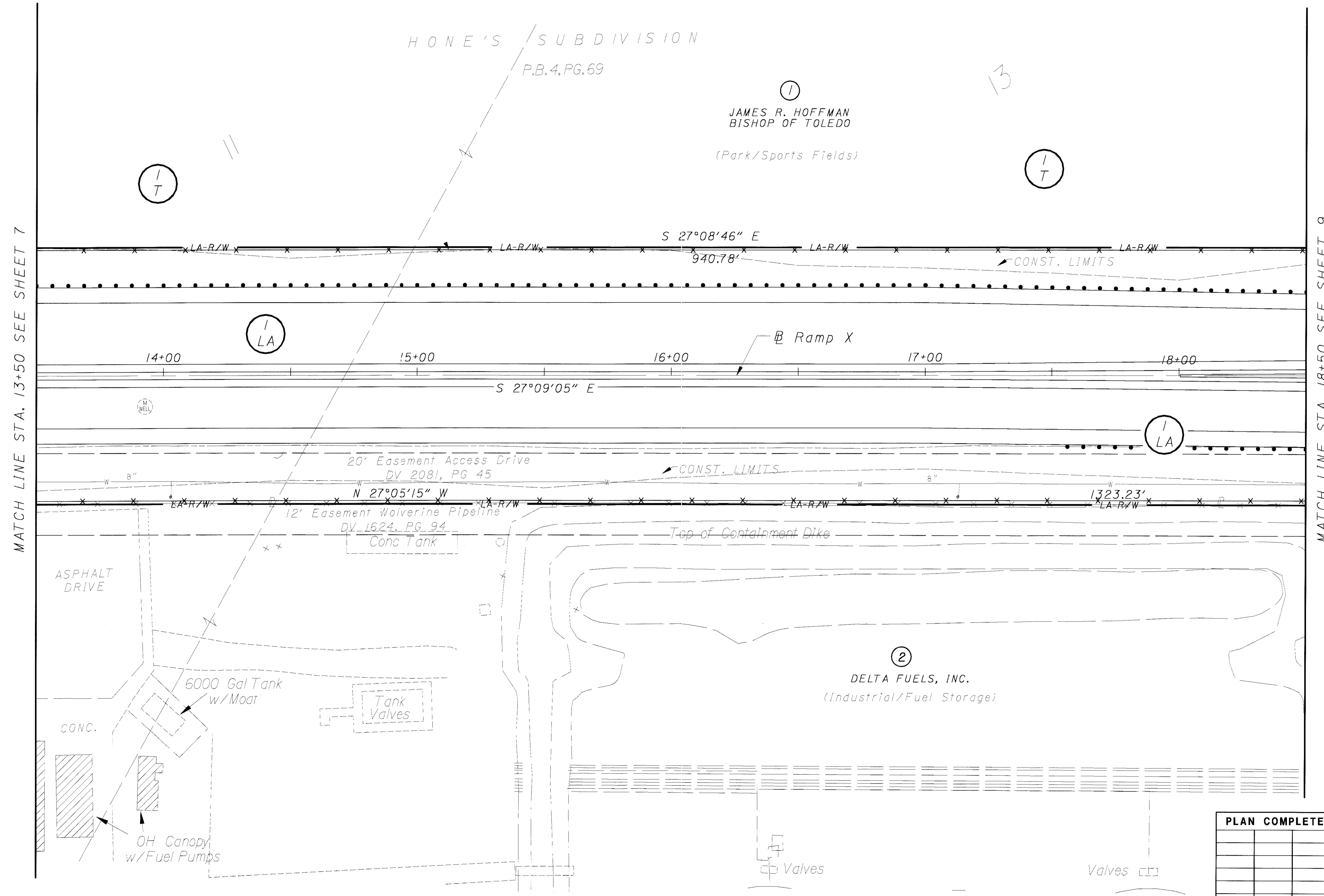
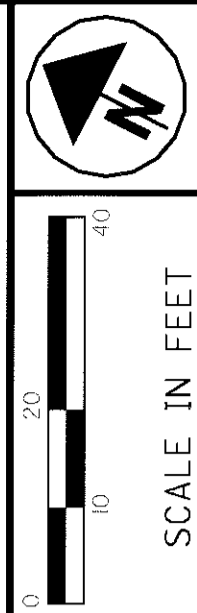


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UNLESS SPECIFIED OTHERWISE, THE CONSTRUCTION LIMITS ARE 2' WITHIN THE PROPOSED LIMITED ACCESS R/W LINE

**LUC-280-2.96**  
**SECTION 32**  
**TOWNSHIP 9 SOUTH, RANGE 8 EAST**  
**MICHIGAN MERIDIAN**  
**LOTS 11 & 13, HONE'S SUBDIVISION**  
**CITY OF TOLEDO**  
**LUCAS COUNTY**



MATCH LINE STA. 13+50 SEE SHEET 7

MATCH LINE STA. 18+50 SEE SHEET 9

PID NO.  
**20208**

R/W DESTINATION  
RMF  
R/W BEARING  
CHM

**RIGHT OF WAY PLAN**  
**RAMP X STA. 13+50 TO STA. 18+50**

**LUC-280-2.96**

PLAN COMPLETED: APR 24, 2001

8 / 15

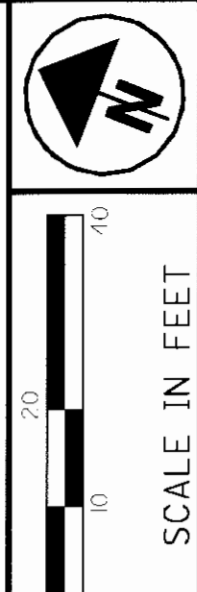
486  
1879

REV	DATE	DESCRIPTION

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**LUC-280-2.96  
SECTION 32  
TOWNSHIP 9 SOUTH, RANGE 8 EAST  
MICHIGAN MERIDIAN  
LOT 13, HONE'S SUBDIVISION  
CITY OF TOLEDO  
LUCAS COUNTY**

UNLESS SPECIFIED OTHERWISE, THE CONSTRUCTION LIMITS ARE 2' INSIDE OF THE PROPOSED LIMITED ACCESS R/W LINE



PID NO. **20208**

R/W RESTORER: RMF  
I/W RESTORER: CHM

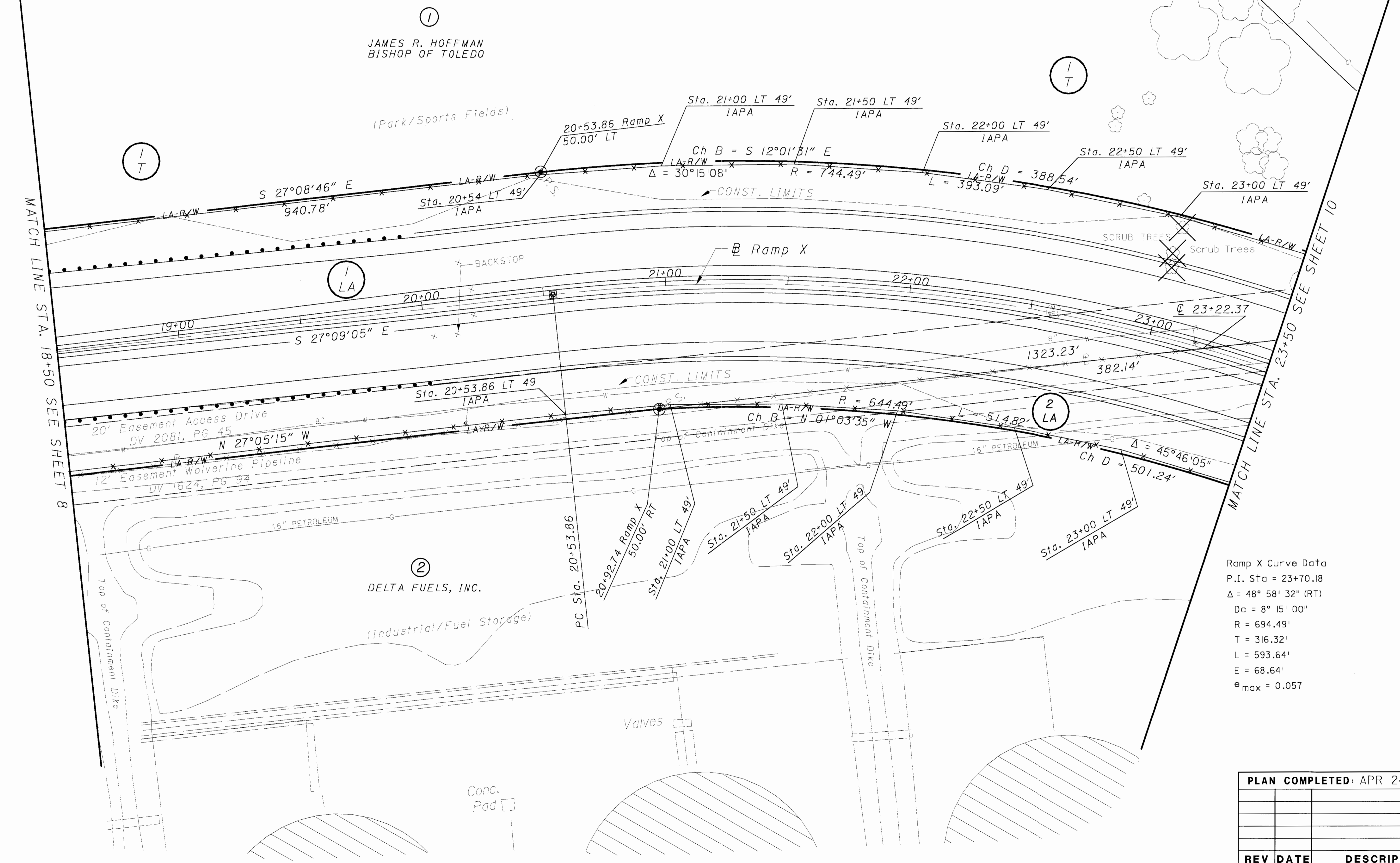
**RIGHT OF WAY PLAN  
RAMP X STA. 18+50 TO STA. 23+50**

**LUC-280-2.96**

9 / 15  
487  
1879

PLAN COMPLETED: APR 24, 2001

REV	DATE	DESCRIPTION



Ramp X Curve Data  
 P.I. Sta = 23+70.18  
 $\Delta = 48^\circ 58' 32''$  (RT)  
 $Dc = 8^\circ 15' 00''$   
 $R = 694.49'$   
 $T = 316.32'$   
 $L = 593.64'$   
 $E = 68.64'$   
 $e_{max} = 0.057$

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**LUC-280-2.96  
SECTION 32  
TOWNSHIP 9 SOUTH, RANGE 8 EAST  
MICHIGAN MERIDIAN  
LOT 13, HONE'S SUBDIVISION  
LOT 21, WILSON ADDITION  
CITY OF TOLEDO  
LUCAS COUNTY**

CI  
R = 744.49'  
L = 393.09'  
Δ = 30°15'08"  
Ch B = S 12°01'31" E  
Ch D = 388.54'

Ramp Z Curve Data  
PI Sta. = 28+53.01  
Δ = 72°47'23" Rt  
D = 9°35'44"  
R = 597.10'  
T = 440.14'  
L = 758.57'  
E = 144.69'  
θ = 0.059

Ramp X Curve Data  
PI Sta. = 23+70.18  
Δ = 48°58'32" Rt  
D = 8°15'00"  
R = 694.49'  
T = 316.32'  
L = 593.64'  
E = 68.64'  
θ = 0.057

Ramp Y Curve Data  
PI Sta. = 33+98.57  
Δ = 107°33'38" Rt  
D = 10°24'56"  
R = 550.10'  
T = 751.07'  
L = 1032.69'  
E = 380.88'  
θ = 0.060

FENCE QUANTITIES LEGEND  
E.P.A. = END POST ASSEMBLY  
I.A.P.A. = INTERMEDIATE ANCHOR POST ASSEMBLY  
C.P.A. = CORNER POST ASSEMBLY  
A.C. = ABUTMENT CONNECTION

SHEET NO.	STATION AND STATION		SIDE	TYPE OF ASSEMBLY CODE	ESTIMATED FENCE QUANTITIES	
	FROM	TO			FENCE CLT	GATE TYPE CLT (14' WIDE)
485	11+13	13+50	LT.	E.P.A. (1)	237	
485	11+06	13+50	RT.	E.P.A. (1)	244	
486	13+50	18+50	LT.	-	500	
486	13+50	18+50	RT.	-	500	
487	18+50	23+50	LT.	I.A.P.A. (6)	500	
487	18+50	23+50	RT.	I.A.P.A. (5)	500	
488	23+50	26+32	LT.	C.P.A. (3)	327	1
				E.P.A. (2)		
				A.C. (1)		
488	23+50	26+32	RT.	I.A.P.A. (5)	270	1
				C.P.A. (1)		
				E.P.A. (2)		
				A.C. (1)		
TOTALS TO GENERAL SUMMARY, SHEET NO. 75					3078	2

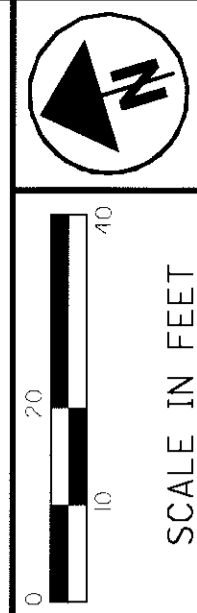
20' Easement Access Drive  
DV 2081, PG 45

12' Easement Wolverine Pipeline  
DV 1624, PG 94

UNLESS SPECIFIED OTHERWISE, THE CONSTRUCTION LIMITS ARE 2' INSIDE OF THE PROPOSED LIMITED ACCESS R/W LINE

PLAN COMPLETED: APR 24, 2001

REV DATE DESCRIPTION



PID NO. 20208

RIGHT OF WAY PLAN  
RAMP X STA 23+50 TO RAMP Y STA 28+00

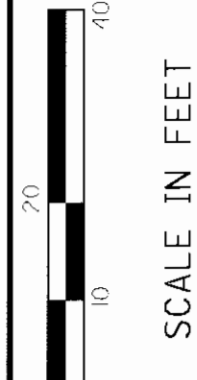
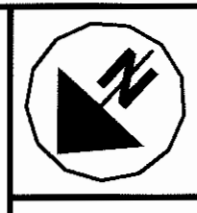
LUC-280-2.96

10 / 15

488  
1879

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UNLESS SPECIFIED OTHERWISE, THE CONSTRUCTION LIMITS ARE 2' INSIDE OF THE PROPOSED LIMITED ACCESS R/W LINE



**LUC-280-2.96**  
**SECTION 32**  
**TOWNSHIP 9 SOUTH, RANGE 8 EAST**  
**MICHIGAN MERIDIAN**  
**LOTS 18, 19, 21, WILSON ADDITION**  
**CITY OF TOLEDO**  
**LUCAS COUNTY**

PID NO. **20208**

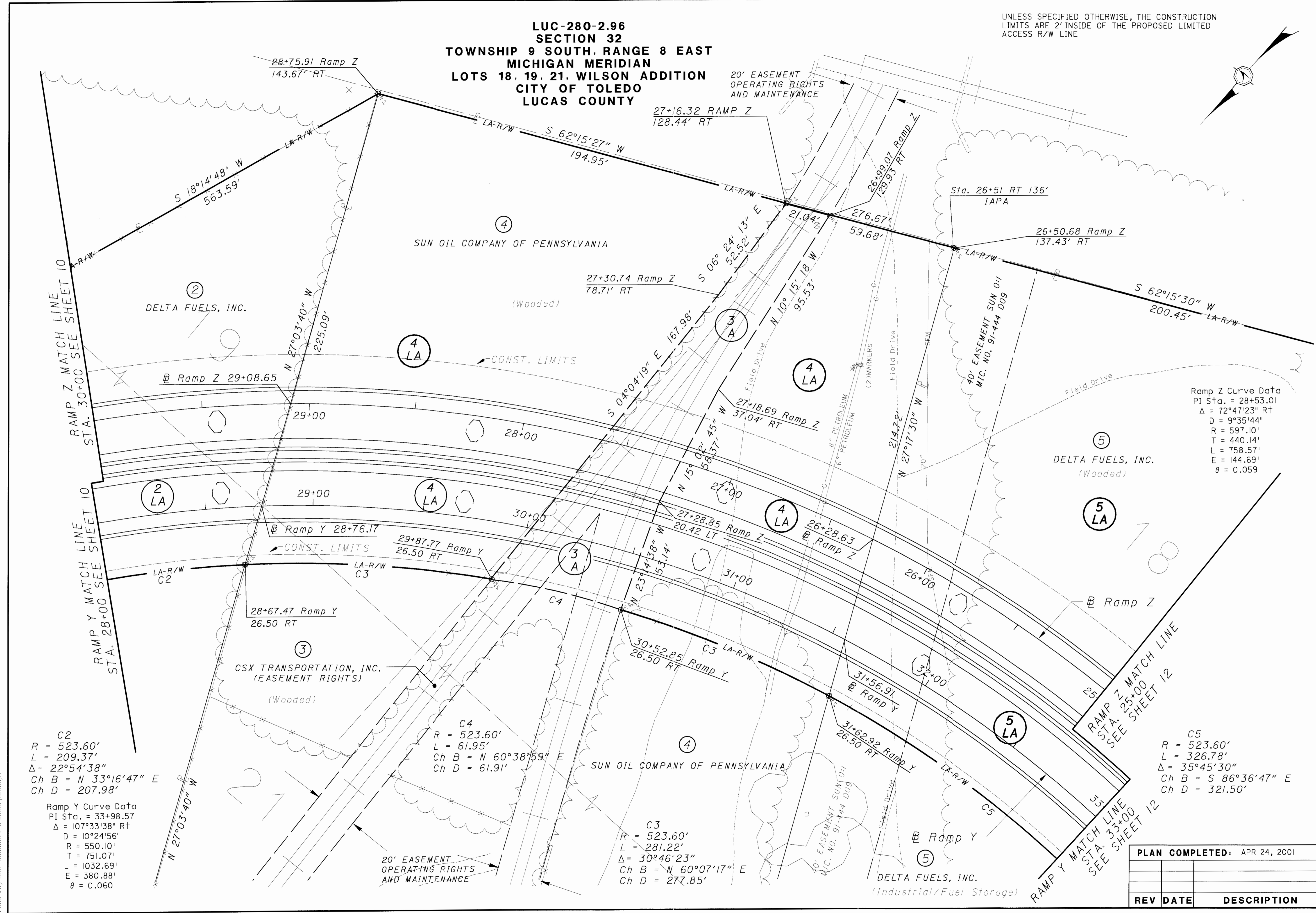
DATE DESIGNED  
 RMF  
 DATE REVIEWED  
 CHM

**RIGHT OF WAY PLAN**  
**RAMP Y STA. 28+00 TO STA. 33+00**

**LUC-280-2.96**

11 / 15

489  
1879



**Ramp Z Curve Data**  
 PI Sta. = 28+53.01  
 $\Delta = 72^\circ 47' 23''$  RT  
 D = 9°35'44"  
 R = 597.10'  
 T = 440.14'  
 L = 758.57'  
 E = 144.69'  
 $\theta = 0.059$

**C2**  
 R = 523.60'  
 L = 209.37'  
 $\Delta = 22^\circ 54' 38''$   
 Ch B = N 33°16'47" E  
 Ch D = 207.98'

**Ramp Y Curve Data**  
 PI Sta. = 33+98.57  
 $\Delta = 107^\circ 33' 138''$  RT  
 D = 10°24'56"  
 R = 550.10'  
 T = 751.07'  
 L = 1032.69'  
 E = 380.88'  
 $\theta = 0.060$

**C4**  
 R = 523.60'  
 L = 61.95'  
 Ch B = N 60°38'59" E  
 Ch D = 61.91'

**C3**  
 R = 523.60'  
 L = 281.22'  
 $\Delta = 30^\circ 46' 23''$   
 Ch B = N 60°07'17" E  
 Ch D = 277.85'

**C5**  
 R = 523.60'  
 L = 326.78'  
 $\Delta = 35^\circ 45' 30''$   
 Ch B = S 86°36'47" E  
 Ch D = 321.50'

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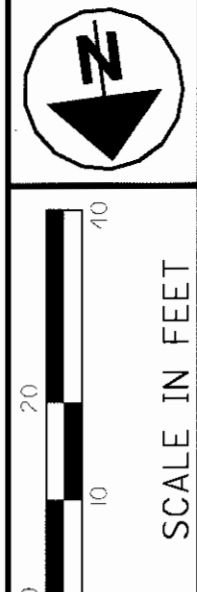
PLAN COMPLETED: APR 24, 2001

REV	DATE	DESCRIPTION

FOR ANY QUESTIONS PLEASE CONTACT ODOT DISTRICT 2 REAL ESTATE AT 419-353-8131

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LUC-280-2.96  
SECTION 32  
TOWNSHIP 9 SOUTH, RANGE 8 EAST  
MICHIGAN MERIDIAN  
LOT 18, WILSON ADDITION  
CITY OF TOLEDO  
LUCAS COUNTY



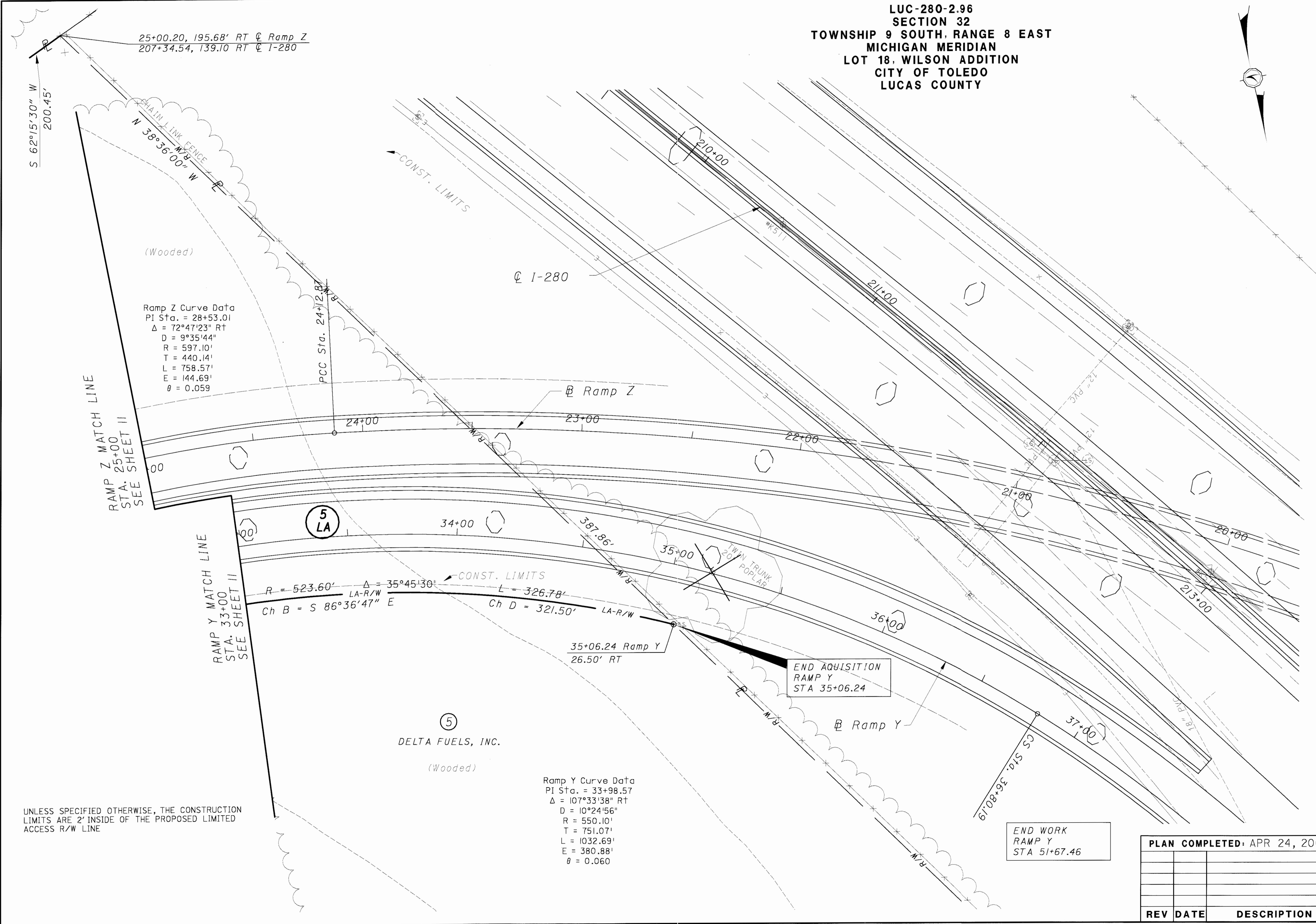
PID NO.  
**20208**

R/W DESIGNER  
RMF  
BY/REV FILE/LABEL  
CHM

**RIGHT OF WAY PLAN**  
**RAMP Y STA 33+00 TO MAINLINE**

**LUC-280-2.96**

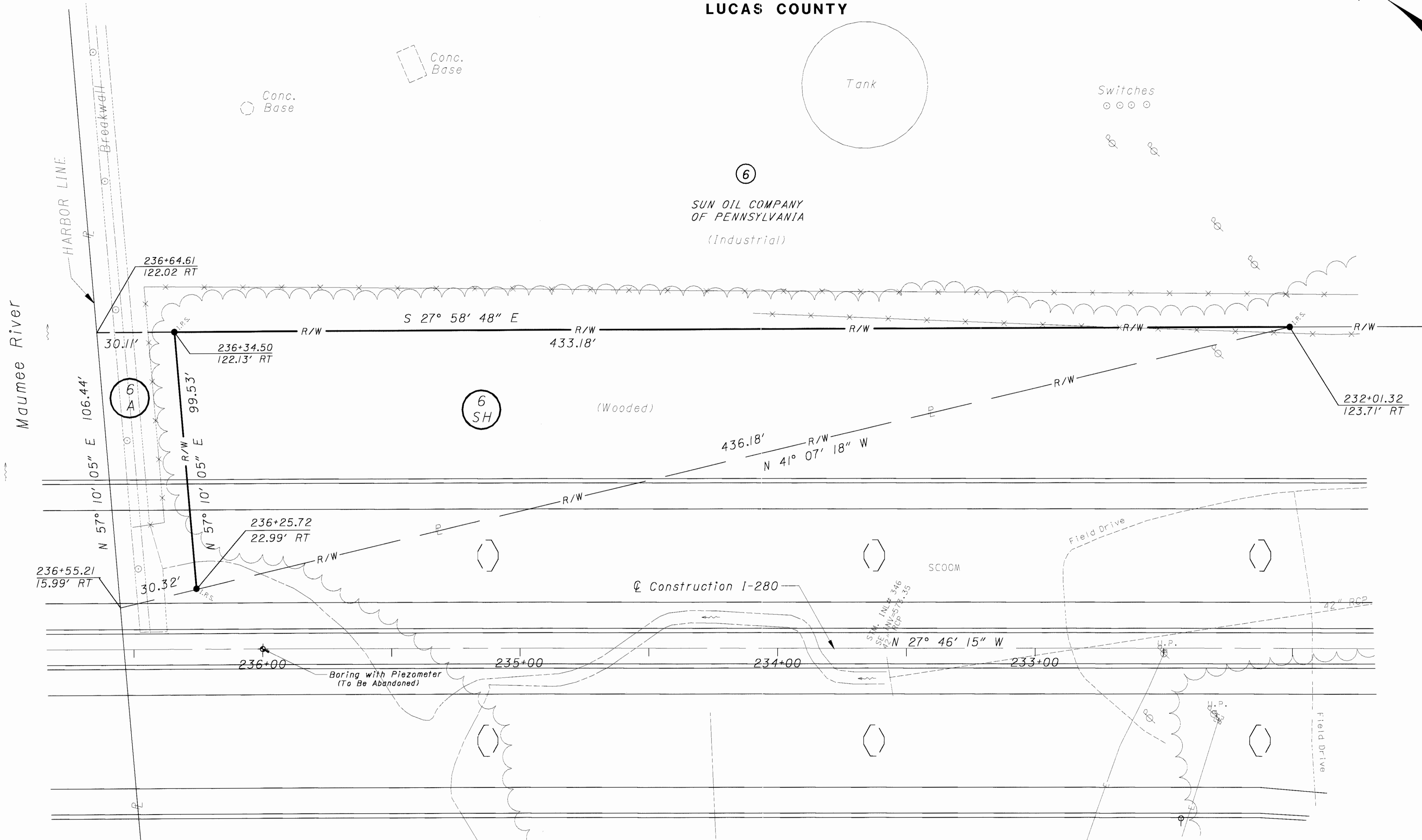
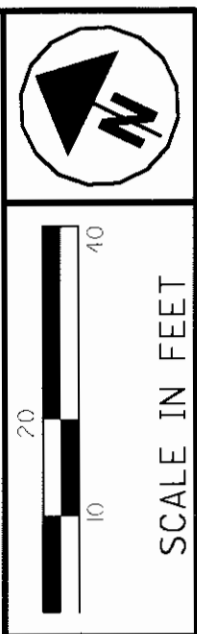
12 / 15  
490  
1879



UNLESS SPECIFIED OTHERWISE, THE CONSTRUCTION LIMITS ARE 2' INSIDE OF THE PROPOSED LIMITED ACCESS R/W LINE

PLAN COMPLETED: APR 24, 2001	
REV	DESCRIPTION

LUC-280-2.96  
SECTION 31  
TOWNSHIP 9 SOUTH, RANGE 8 EAST  
MICHIGAN MERIDIAN  
LOT 10, HONE'S SUBDIVISION  
CITY OF TOLEDO  
LUCAS COUNTY



UNLESS SPECIFIED OTHERWISE, THE CONSTRUCTION LIMITS ARE 2' INSIDE OF THE PROPOSED LIMITED ACCESS R/W LINE

PID NO. **20208**

RIGHT OF WAY PLAN  
I-280 STA 232+00 TO 236+64.61

LUC-280-2.96

REV. BY	DATE	DESCRIPTION

13 / 15  
491  
1879

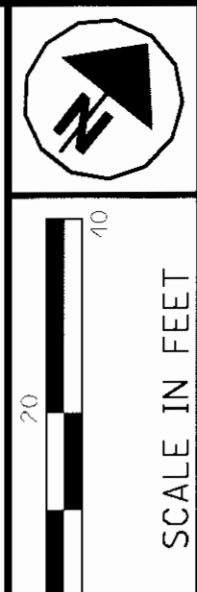
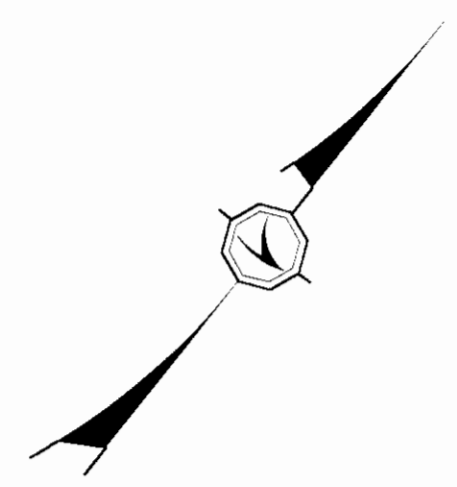
DATE COMPLETED APR 24, 2001

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**NORFOLK SOUTHERN CORPORATION**  
**LUC-280-2.96**  
**SECTION 30**  
**TOWNSHIP 9 SOUTH, RANGE 8 EAST**  
**MICHIGAN MERIDIAN**  
**MIAMI AND ERIE CANAL LAND**  
**CITY OF TOLEDO**  
**LUCAS COUNTY**

6 SL - DENOTES PREVIOUS EASEMENT FROM LUC-280-4.25 GREENBELT PARKWAY



PID NO. **20208**

DATE REVISION  
 R/MF  
 DATE REVISION  
 CHM

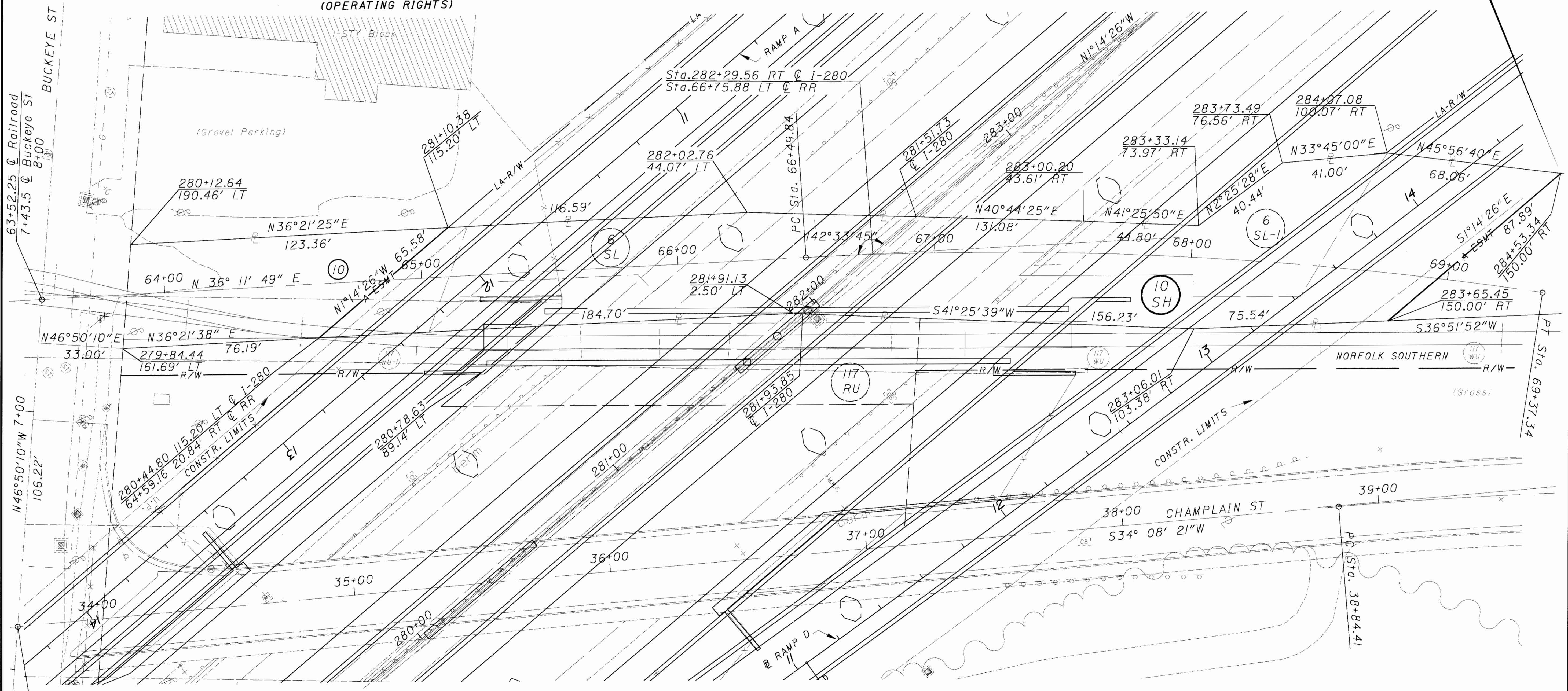
**RAILROAD PLAT**

**LUC-280-2.96**

END ACQUISITION  
 I 280 MAINLINE  
 STA 284+53.34

RR CURVE INFO.  
 Δ = 11°30'

10  
 CITY OF TOLEDO (FEE OWNER)  
 NORFOLK SOUTHERN COMBINED  
 RAILROAD SUBSIDIARIES  
 (OPERATING RIGHTS)



RAILROAD STATIONING IS FROM RIGHT OF WAY AND TRACK MAP V-7/1&2, REVISED 8-12-1994 OF NORFOLK SOUTHERN CORP., FORMERLY THE WHEELING & LAKE ERIE RAILWAY COMPANY, TOLEDO BELT RAILWAY.

PLAN COMPLETED: APR 24, 2001

REV	DATE	DESCRIPTION

15 / 15

493  
1879

06/12/01  
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