

STATE OF OHIO
DEPARTMENT OF TRANSPORTATION

HEN - 110 - 7.35

HARRISON & DAMASCUS TOWNSHIPS
HENRY COUNTY

HENRY COUNTY	OHIO
HEN - 110 - 7.35	FHWA REGION 5
RS - BRS - 395 (5)	FEDERAL PROJECT

R W ONLY | HEN - 110 - 7.35
RS - BRS - 395(5)

RS - BRS - 395 (5)

ACQUIRING AGENCY: OHIO DEPARTMENT OF TRANSPORTATION

1987 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 require the closing to traffic of the highway and that detours will be provided as indicated on the plans.

Approved _____
Date _____ Assistant Deputy Director, Real Estate Administration

Approved _____
Date _____ District Deputy Director of Transportation

Approved _____
Date _____ Engineer, Bureau of Bridges and Structural Design

Approved _____
Date _____ Chief Engineer, Planning and Design

Approved _____
Date _____ Director, Department of Transportation

DESIGN DESIGNATION

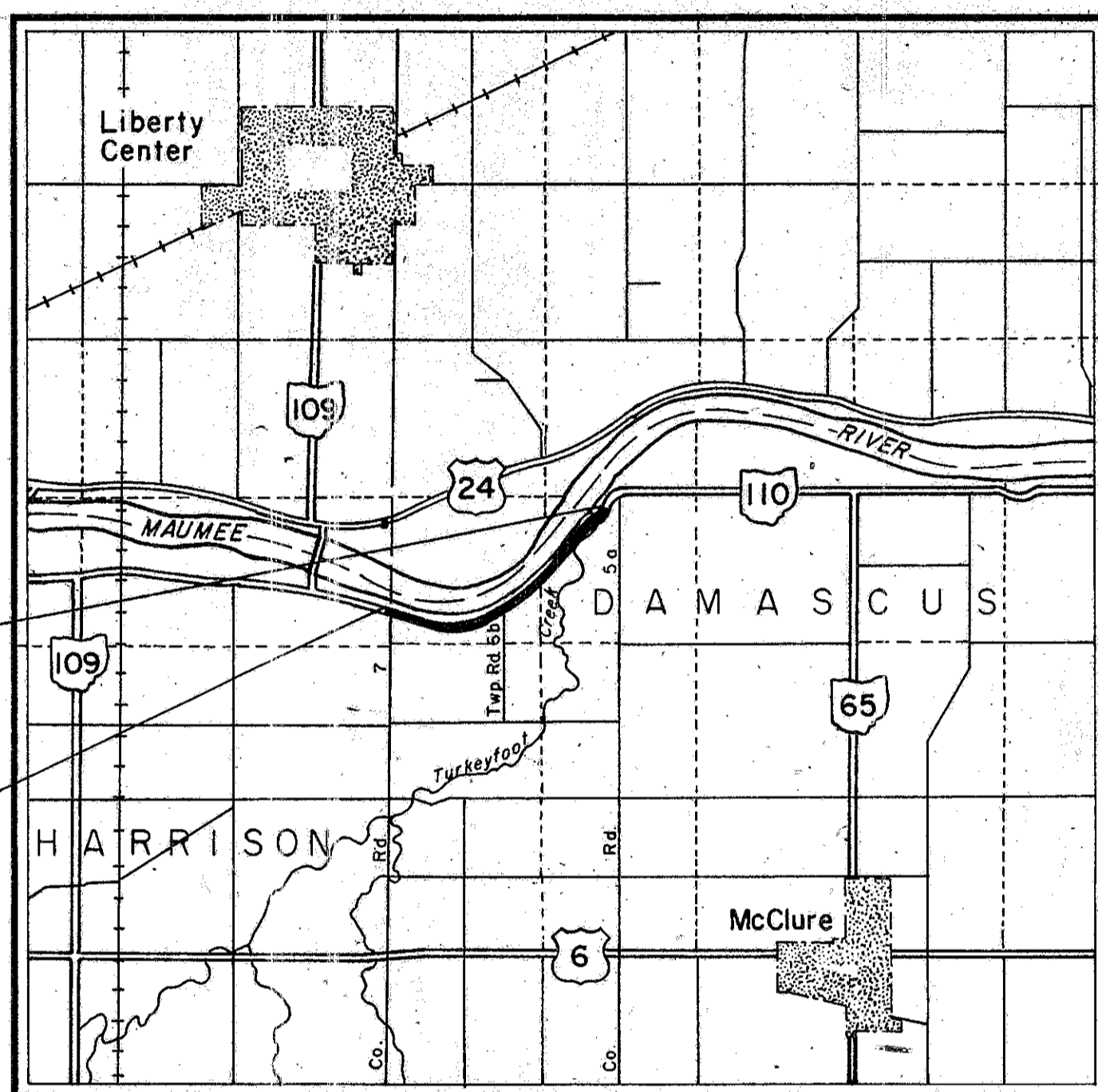
Current ADT (1985) = 740
Design Year ADT (2005) = 1100
D.H.V. = 100
D = 50%
T = 5.4%
V = 55 mph
Local Speed Limit = 55 mph

CONVENTIONAL SIGNS

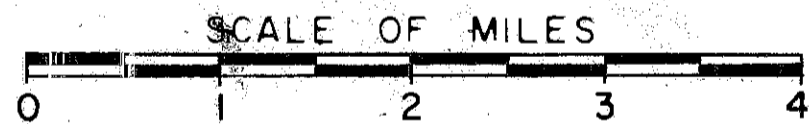
- County Line _____
- Township Line _____
- Section Line _____
- Corporation Line _____ or _____
- Fence Line (existing) - x - x (proposed) - x - x
- Center Line _____
- Trees (to be removed) (to be retained)
- Utility Poles: Telephone (with symbol), Power (with symbol), Light (with symbol), Cable TV (with symbol), Traffic Signal (with symbol)
- Limited Access (only) _____ LA _____
- Right of Way (only) _____ RW _____
- Limited Access & Right of Way _____ LA&RW _____
- Existing Right of Way _____
- Property Line _____ (in existing fence) - x - x
- Railroad _____
- Guardrail (existing) _____ (proposed) _____
- Water Line _____ W _____, Gas Line _____ G _____
- Sanitary _____ San _____, Storm _____ S _____
- Electrical _____ E _____, Telephone _____ T _____

INDEX OF SHEETS

- Title Sheet _____
- Centerline Survey Plat _____ 1
- Property Map _____ 2
- Summary of Additional R.O.W. _____ 3
- R/W Plan Sheets _____ 4 - 11



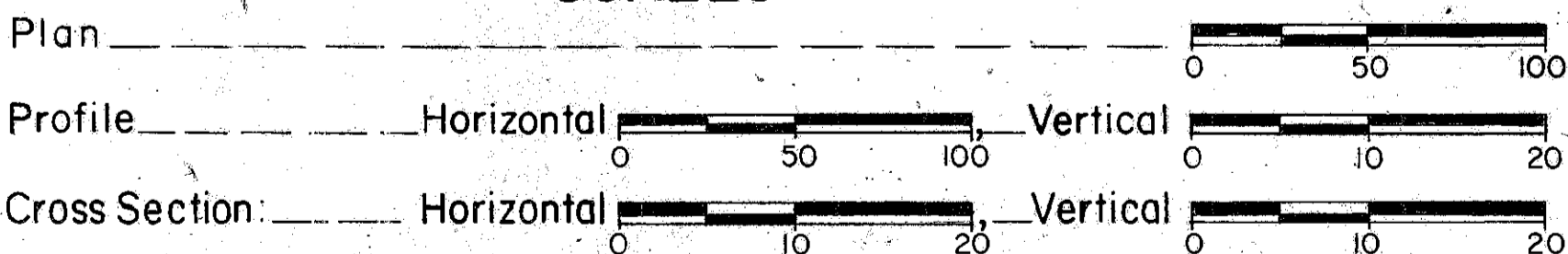
LOCATION MAP



UNDERGROUND UTILITIES
48 HOURS BEFORE YOU DIG
Call... 800-362-2764 (Toll free)
OHIO UTILITIES PROTECTION SERVICE
NON-MEMBERS MUST BE CALLED DIRECTLY

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

SCALES



SUPPLEMENTAL PRINTS OF STANDARD CONSTRUCTION DRAWINGS	

SUPPLEMENTAL SPECIFICATIONS

MCDONNELL PROUDFOOT & ASSOCIATES INC. consulting engineers

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
APPROVED
DIVISION ENGINEER DATE

Project HEN - 110 - 7.35
Date of Letting 19 _____ Contract No. _____

By _____ DATE _____
PE No. _____ SEAL _____

SEAL

R210 #1 B-55

CENTERLINE SURVEY PLAT

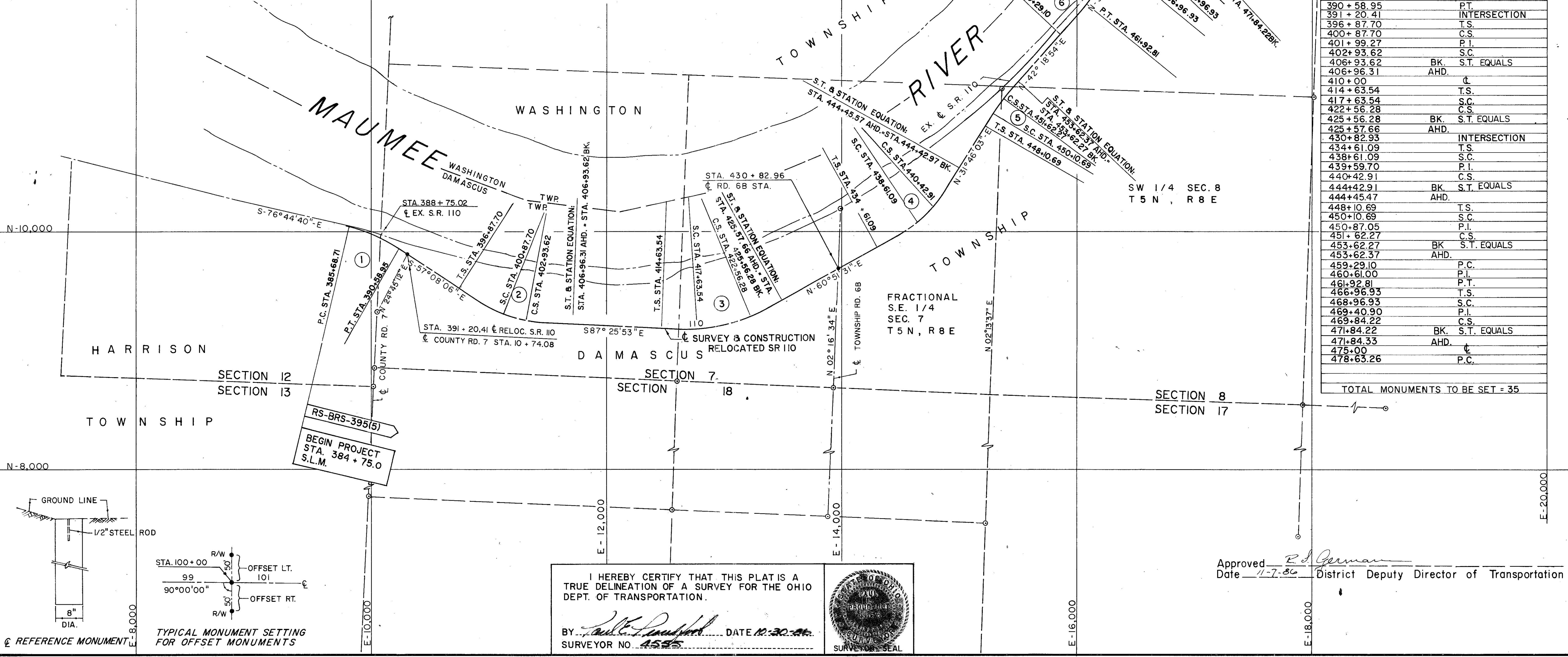
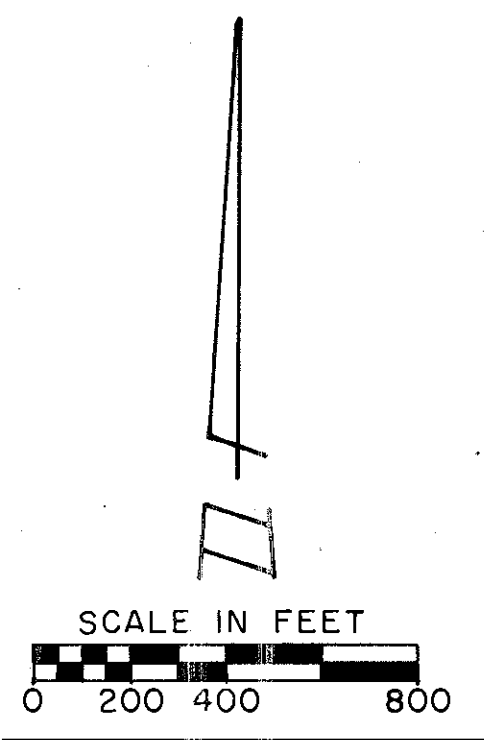
HEN 110 735
SECTION 12, T5N, R7E HARRISON TWP.
SECTION 7 & 8, T5N, R8E DAMASCUS TWP.
HENRY COUNTY

RECEIVED 2007.12.19 19.86
RECORDED 2007.12.19 19.86
BOOK # 175 PAGE
Merrill J. Lippert
COUNTY RECORDER

HENRY COUNTY
HEN - 110 - 7.35
RS - BRS - 395 (5)
SHEET 1 OF 1

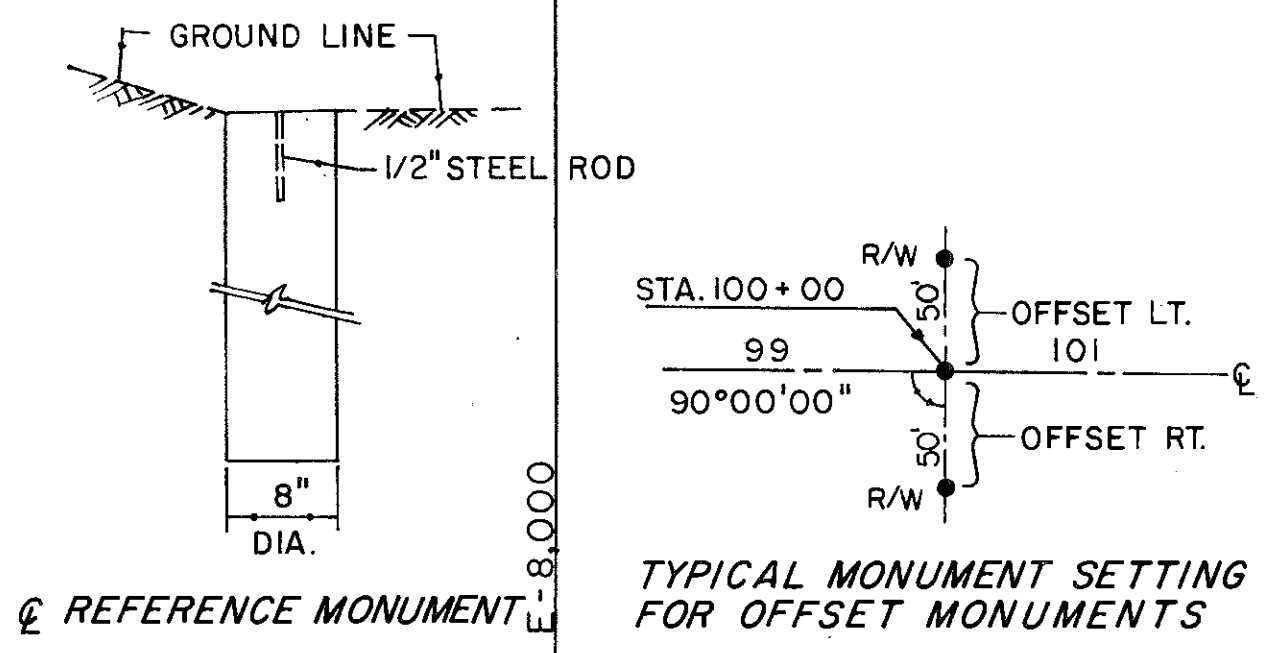
OHIO
FHWA
REGION 5
FEDERAL
PROJECT

CENTERLINE CURVE DATA										
	1	2	3	4	5	6	7	8	9	10
P.I.	388 + 16.25	401 + 99.27	420 + 21.04	439 + 59.70	450 + 87.05	460 + 61.00	469 + 40.90	479 + 85.24	-	-
Δ	19°36'34"RT.	30°17'47"LT.	31°42'35"LT.	29°05'28"LT.	10°32'51"RT.	3°57'20"LT.	8°37'07"RT.	19°19'55"LT.	20°48'28"	43°38'47"
Ts	247.54'	51.57'	557.50'	498.61'	276.36'	131.90'	243.97'	121.98'	-	-
Dc	4°00'	5°00'	4°00'	5°00'	3°00'	1°30'	3°00'	8°00'	8°00'	15°15'
R	1432.40'	1145.92'	1432.40'	1145.92'	1909.86'	3819.72'	1909.86'	716.20'	716.20'	375.71'
Δc	-	10°17'47"	19°42'35"	9°05'28"	4°32'51"	-	2°37'07"	-	-	-
Lc	490.24'	205.92'	492.74'	181.82'	151.58'	263.70'	87.29'	241.65'	260.10'	286.21'
Ls	-	400'	300'	400'	200'	-	200'	-	-	-
Os	-	10°00'	6°00'	10°00'	3°00'	-	3°00'	-	-	-
Xc	-	398.78'	299.67'	398.78'	199.95'	-	199.95'	-	-	-
Yc	-	23.22'	10.46'	23.22'	3.49'	-	3.49'	-	-	-
E	21.23'	47.18'	59.37'	43.85'	8.99'	2.28'	6.29'	10.31'	-	-
SUBSTITUTE CURVE (FOR R/W PURPOSES ONLY)										
Δ	-	30°17'47"LT.	31°42'35"LT.	29°05'28"LT.	10°32'51"RT.	-	8°37'07"RT.	-	-	-
Dc	-	5°00'	4°00'	5°00'	3°00'	-	3°00'	-	-	-
R	-	1145.92'	1432.40'	1145.92'	1909.86'	-	1909.86'	-	-	-
L	-	605.93'	792.75'	581.82'	351.58'	-	287.29'	-	-	-
T	-	310.23'	406.81'	297.33'	176.29'	-	143.92'	-	-	-



MONUMENTS TO BE SET AFTER CONSTRUCTION	
STATION	TYPE OF SURVEY
385 + 68.71	P.C.
388 + 16.25	P.I.
390 + 58.95	P.T.
391 + 20.41	INTERSECTION
396 + 87.70	T.S.
400 + 87.70	C.S.
401 + 99.27	P.I.
402 + 93.62	S.C.
406 + 93.62	BK. S.T. EQUALS
406 + 96.31	AHD.
410 + 00	CL
414 + 63.54	T.S.
417 + 63.54	S.C.
422 + 56.28	C.S.
425 + 56.28	BK. S.T. EQUALS
425 + 57.66	AHD.
430 + 82.93	INTERSECTION
434 + 61.09	T.S.
438 + 61.09	S.C.
439 + 59.70	P.I.
440 + 42.91	C.S.
444 + 42.91	BK. S.T. EQUALS
444 + 45.47	AHD.
448 + 10.69	T.S.
450 + 10.69	S.C.
450 + 87.05	P.I.
451 + 62.27	C.S.
453 + 62.27	BK. S.T. EQUALS
453 + 62.37	AHD.
459 + 29.10	P.C.
460 + 61.00	P.I.
461 + 92.81	P.T.
466 + 96.93	T.S.
468 + 96.93	S.C.
469 + 40.90	P.I.
469 + 84.22	C.S.
471 + 84.22	BK. S.T. EQUALS
471 + 84.33	AHD.
475 + 00	CL
478 + 63.26	P.C.

TOTAL MONUMENTS TO BE SET = 35



I HEREBY CERTIFY THAT THIS PLAT IS A TRUE DELINEATION OF A SURVEY FOR THE OHIO DEPT. OF TRANSPORTATION.

BY *[Signature]* DATE 12-30-07
SURVEYOR NO. 4595

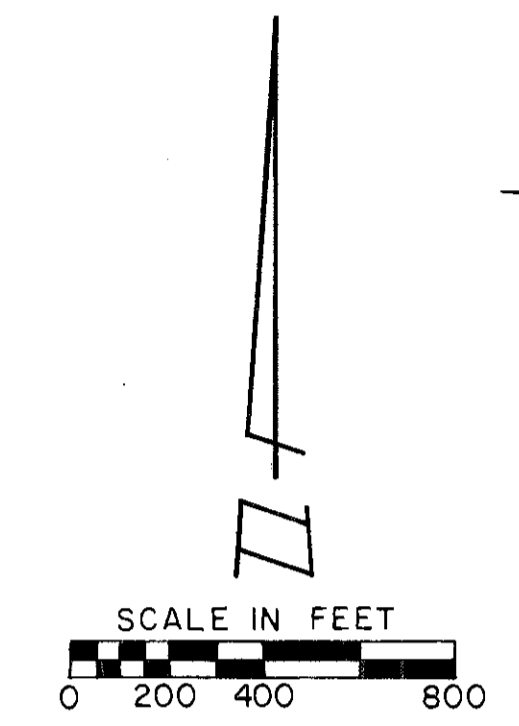
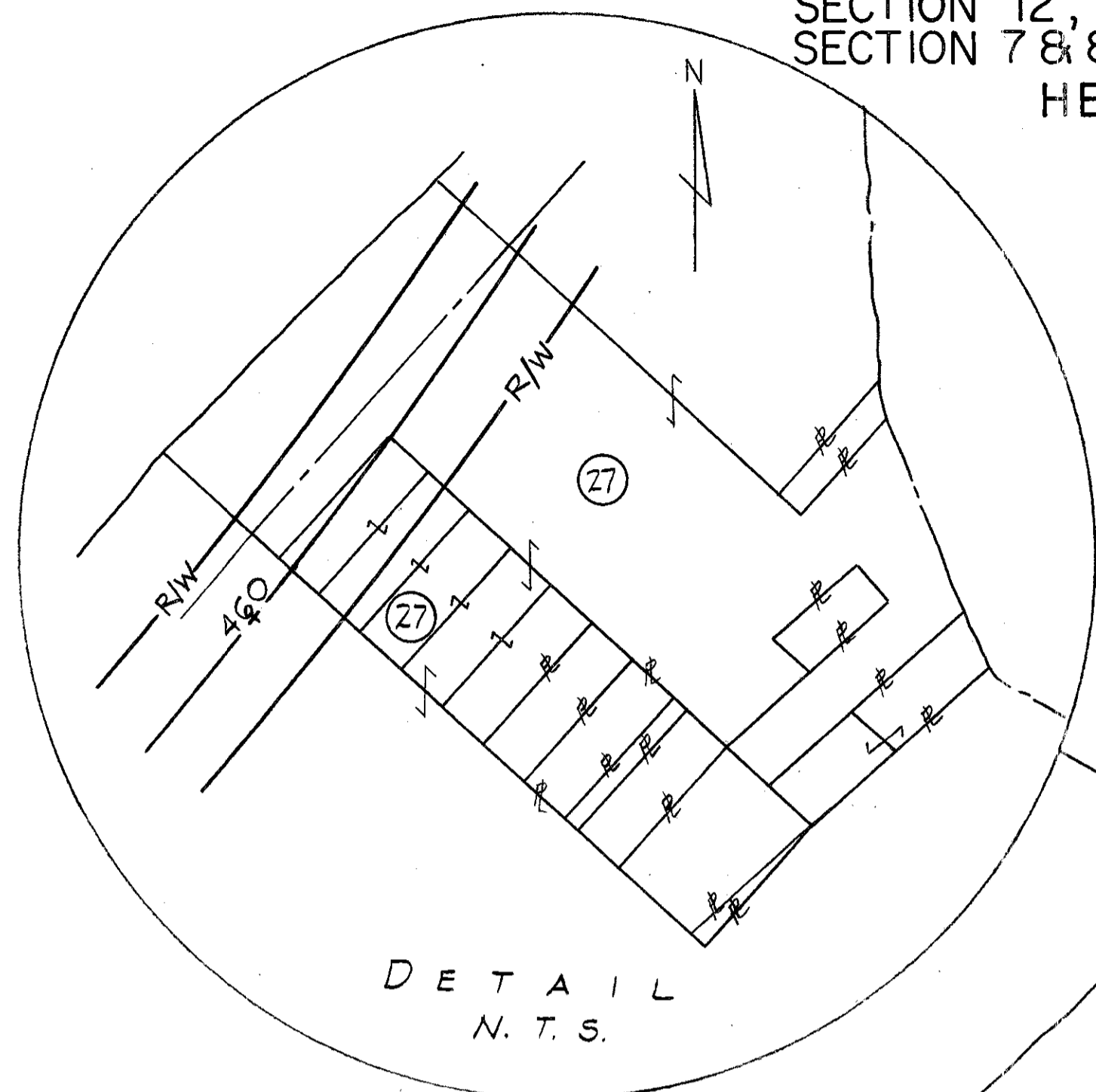
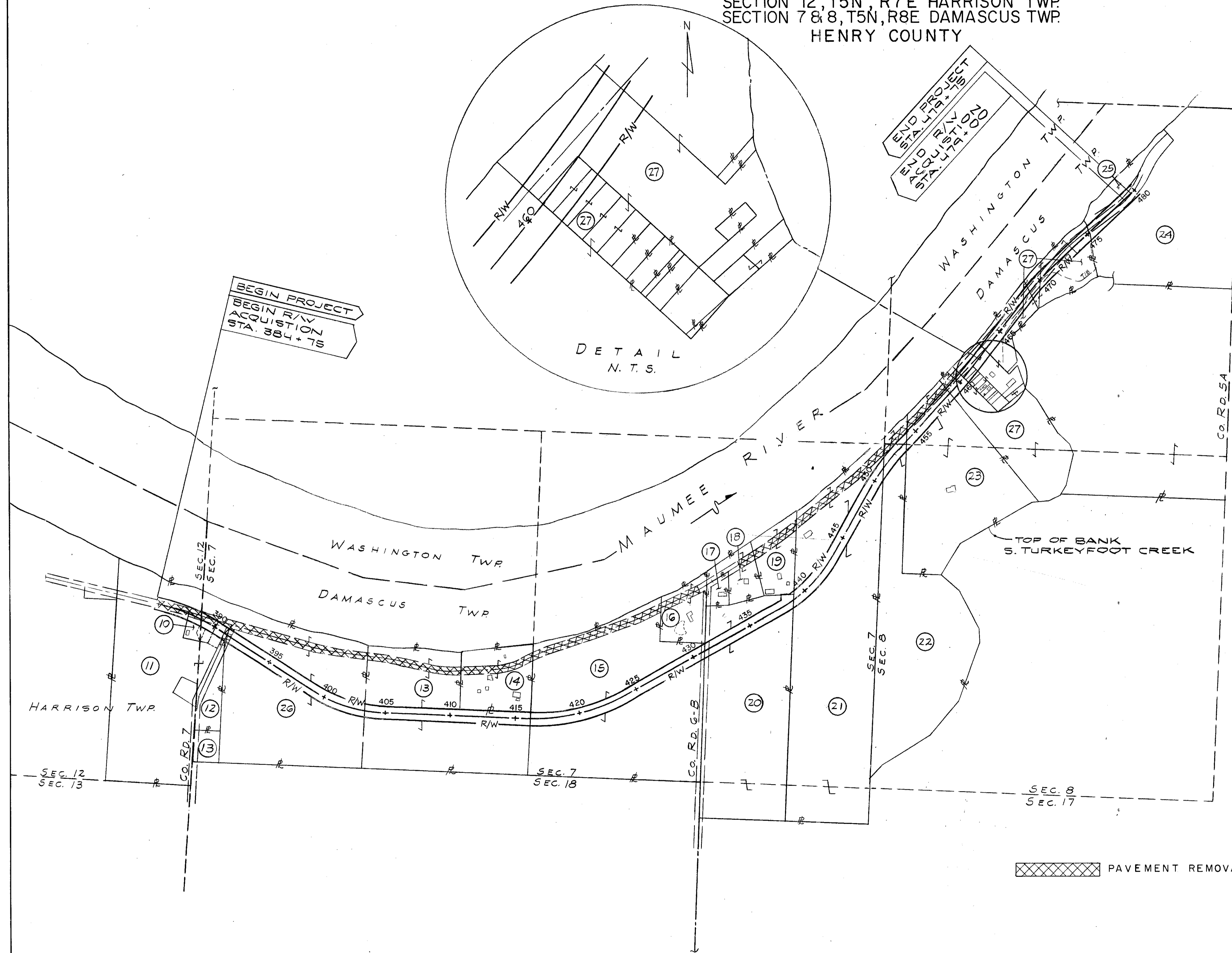
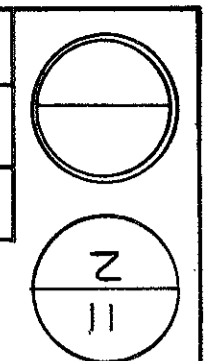


Approved *[Signature]*
Date 11-7-06 District Deputy Director of Transportation

PROPERTY MAP

HEN 110 7.35
 SECTION 12, T5N, R7E HARRISON TWP
 SECTION 7 & 8, T5N, R8E DAMASCUS TWP.
 HENRY COUNTY

HENRY COUNTY		OHIO
HEN - 110 - 7.35		FHWA REGION 5
RS - BRS - 395 (5)		FEDERAL PROJECT



PROPERTY OWNERS

- ⑩ JOHN A. BABCOCK
- ⑪ EARL J. BABCOCK
- ⑫ FREDERICK M. MILLER
- ⑬ CALVIN J. SMITH
- ⑭ GERALD R. WENTWORTH
- ⑮ DARLA PANNING
- ⑯ ERNIE T. STURGELL
- ⑰ DOROTHY JOHNSON
- ⑱ WILLIAM P. HARPER
- ⑲ THOMAS H. BROWN, JR.
- ⑳ KENYON R. GLANZ
- ㉑ VIRGIL A. JOHNSON
- ㉒ JAMES E. LAMMY JR.
- ㉓ SUSAN K. SCHINK
- ㉔ EMMA M. RYAN
- ㉕ STATE OF OHIO, DEPT. OF NATURAL RESOURCES
- ㉖ FRANK T. SAYERS
- ㉗ THOMAS H. BROWN, JR.

NOTE: PARCEL NO'S ① THRU ⑨ ARE NOT UTILIZED.

UTILITY OWNERS

TYPE	NAME & ADDRESS
ELECTRIC	TOLEDO EDISON 400 THIRD STREET P.O. BOX 507 DEFIANCE, OHIO 43512 TELE: 419-782-2051
TELEPHONE (OVERHEAD)	UNITED TELEPHONE COMPANY 14 EAST ELM STREET WAUSEON, OHIO 43565 TELE: 419-335-4526
(UNDERGROUND)	McCLURE TELEPHONE COMPANY P.O. BOX 26 McCLURE, OHIO 43534 TELE: 419-748-8008

THE LOCATIONS OF THE UNDERGROUND UTILITIES ON THESE PLANS ARE AS OBTAINED FROM THE OWNERS OF THE UTILITIES AS REQUIRED BY SECTION 153.64 O.R.C.

PAVEMENT REMOVAL

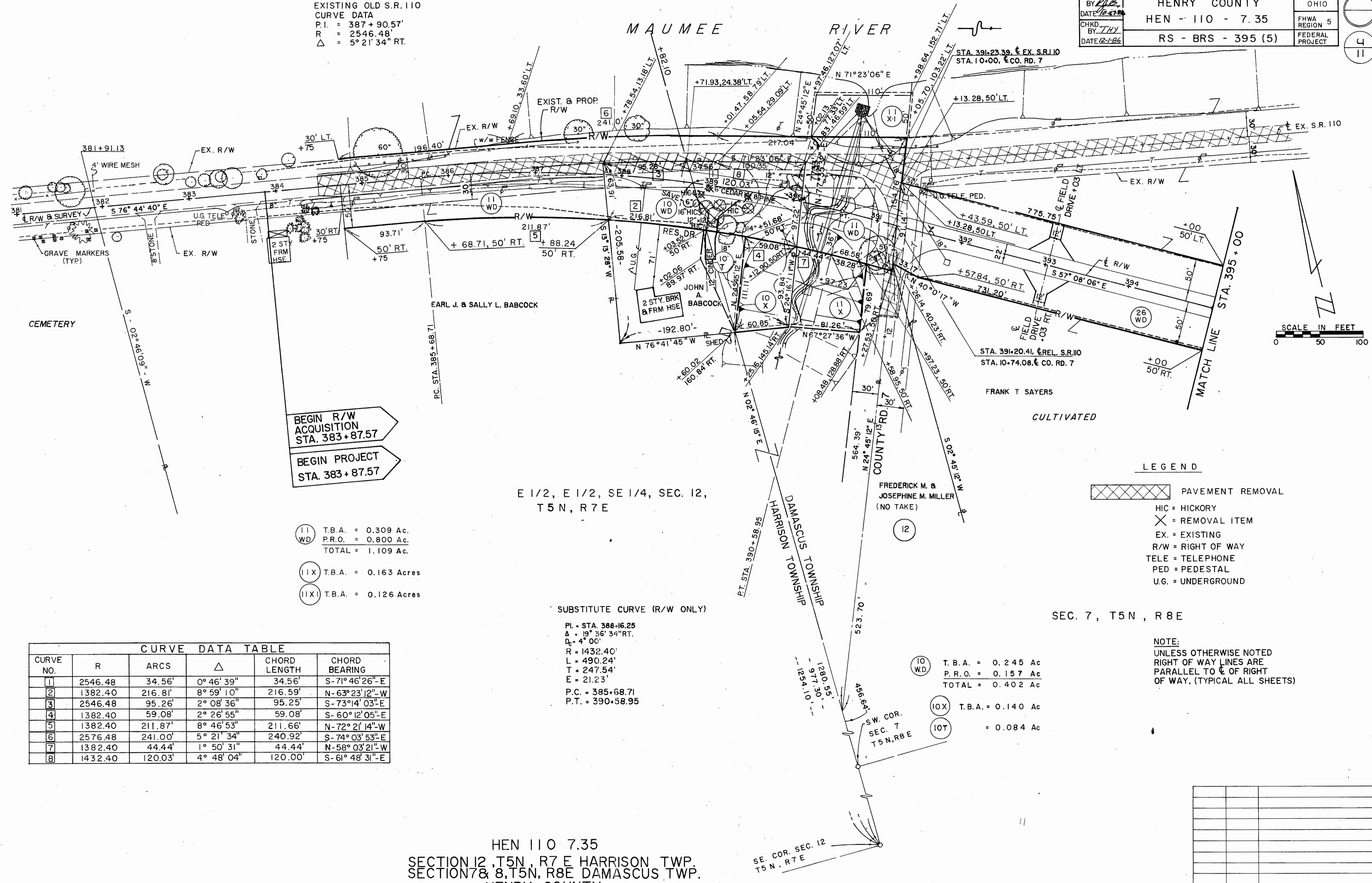
TOTAL NUMBER OF _____
14 OWNERSHIPS
0 TOTAL TAKES
1 OWNERSHIPS WITH STRUCTURES INVOLVED
0 OWNERSHIPS WITH " P " ITEMS

SUMMARY OF ADDITIONAL RIGHT OF WAY

Note All "X" ARE IN SLIDE BOOK 175

PARCEL	OWNER	SHEET NO.	OWNERS RECORD		RECORD AREA	TOTAL PRO.	GROSS TAKE	P.R.O. IN TAKE	NET TAKE	STRUCTURE	NET RESIDUE		TYPE FUND	REMARKS AND PERSONALTY	AS ACQUIRED	
			BOOK	PAGE							LEFT	RIGHT			BOOK	PAGE
10 WD	JOHN A. & CANDY M. BABCOCK	4	224	331	0.962	0.157 Ac	0.402 Ac	0.157 Ac	0.245 Ac			0.560			236	434
10 X		4	"	"	"		0.140 Ac		0.140 Ac					CHANNEL EASEMENT	SLIDE 175	
10 T		4	"	"	"		0.084 Ac		0.084 Ac					DRIVE GRADING EASEMENT		
11 WD	EARL J. & SALLY L. BABCOCK	4	196	818	27.5	1.3 Ac	1.109 Ac	0.800 Ac	0.309 Ac		1.8	24.091 Ac			236	436
11 X	EARL J. & SALLY L. BABCOCK	4	"	"	"		0.163 Ac		0.163 Ac					CHANNEL EASEMENT	SLIDE 175	
11 XI	EARL J. & SALLY L. BABCOCK	4	"	"	"		0.126 Ac		0.126 Ac							
12 NRR	FREDRICK M. MILLER							0						NO RIGHT-OF-WAY REQUIRED		
13 WD	CALVIN J. & MARYBELLE SMITH	586	203	891	25.8	1.03 Ac	2.951 Ac	0	2.951 Ac		10.440 Ac	11.380 Ac		DRIVE ADJUSTMENT	237	262
14 SA	GERALD WENTWORTH	6														
15 WD	DARLA M. PANNING	687&8	204	16	36.55	1.46 Ac	3.416 Ac	0.110 Ac	3.306 Ac		13.814 Ac	17.970 Ac			237	260
16 NRR	ERNIE T. STURGELL													NO RIGHT-OF-WAY REQUIRED		
17 NRR	DOROTHY JOHNSON													NO RIGHT-OF-WAY REQUIRED		
18 NRR	WILLIAM P. HARPER													NO RIGHT-OF-WAY REQUIRED		
19 WD	THOMAS H. BROWN JR.	8	222	109	3.58	0.54 Ac	734 SF	0	734 SF		3.023 Ac				236	444
20 WD	KENYON R. & DEBRA J. GLANZ	8	227	609	23.83	1.12 Ac	1.882 Ac	0.107 Ac	1.775 Ac		1.970 Ac	18.965 Ac			236	439
21 WD	VIRGIL A. JOHNSON	889	189	635	37.16	1.2 Ac	2.802 Ac	0	2.802 Ac		1.704 Ac	31.454 Ac			236	677
21 X	VIRGIL A. JOHNSON	9	189	635	37.16		0.225 Ac	0.028 Ac	0.197 Ac					CHANNEL EASEMENT		
21 T	VIRGIL A. JOHNSON	9	189	635	37.16		0.108 Ac	0.014 Ac	0.094 Ac					GRADING OLD DITCH		
22 WD	JAMES E. & MAUREEN P. LAMMY	9 & 10	225	843	24.99	0.33 Ac	0.608 Ac	0.031 Ac	0.577 Ac		0.220 Ac	23.860 Ac			236	679
23 WD	SUSAN K. SCHINK	10	225	841	19.994	0.59 Ac	1.137 Ac	0.217 Ac	0.920 Ac		0.357 Ac	18.127 Ac			236	446
24 WD	EMMA M. RYAN	11	227	469	24.33	0	0.162 Ac		0.162 Ac			24.168 Ac			236	914
25	STATE OF OHIO, DEPARTMENT OF - NATURAL RESOURCES	11	214	376	1.48	0	0.133 Ac		0.133 Ac		1.347 Ac				TRANSFER	
26 WD	FRANK T. SAYERS	4 & 5	228	326	25.80	1.5 Ac	2.762 Ac	0.077 Ac	2.685 Ac		5.937 Ac	15.678 Ac			237	264
26 X	FRANK T. SAYERS	5	228	326	25.80		1.337 Ac		1.337 Ac					CHANNEL EASEMENT		
26 XI	FRANK T. SAYERS	5	228	326	25.80		0.182 Ac		0.182 Ac					CHANNEL EASEMENT		
26 T	FRANK T. SAYERS	5	228	326	25.80		0.079 Ac		0.079 Ac					GRADING PERMIT		
26 TI	FRANK T. SAYERS	5	228	326	25.80		0.081 Ac		0.081 Ac					GRADING PERMIT		
26 T2	FRANK T. SAYERS	5	228	326	25.80		0.092 Ac		0.092 Ac					GRADING PERMIT		
27 WD	THOMAS H. BROWN JR.	10 & 11	203/204	987,993	9.7	3.2 Ac	5.211 Ac	2.712 Ac	2.499 Ac	Yes	11.12 Ac	14.739 Ac			241	300
				207	981	3.1										
				206	106	0.1										
				196	394	3.9										
				204	606	4.25										
				210	452	0.1										
				215	551	0.1										
				206	344	0.1										
				215	749	0.1										
27 WA	THOMAS H. BROWN JR.	10	204	606	4.25		0.057 Ac		0.057 Ac					CONC. FDN. REMOVAL		

EXISTING OLD S.R. 110
 CURVE DATA
 P.I. = 387+90.57'
 R = 2546.48'
 Δ = 5° 21' 34" RT.



BEGIN R/W ACQUISITION
 STA. 383+87.57
 BEGIN PROJECT
 STA. 383+87.57

- (11) T.B.A. = 0.309 Ac.
 (WD) P.R.O. = 0.800 Ac.
 TOTAL = 1.109 Ac.
- (11X) T.B.A. = 0.163 Acres
- (11X1) T.B.A. = 0.126 Acres

E 1/2, E 1/2, SE 1/4, SEC. 12,
 T5N, R7E

SUBSTITUTE CURVE (R/W ONLY)

PI. = STA. 388+16.25
 Δ = 19° 36' 34" RT.
 R = 1432.40'
 L = 490.24'
 T = 247.54'
 E = 21.23'
 P.C. = 385+68.71
 P.T. = 390+58.95

CURVE DATA TABLE					
CURVE NO.	R	ARCS	Δ	CHORD LENGTH	CHORD BEARING
1	2546.48	34.56'	0° 46' 39"	34.56'	S-71° 46' 26"-E
2	1382.40	216.81'	8° 59' 10"	216.59'	N-63° 23' 12"-W
3	2546.48	95.26'	2° 08' 36"	95.25'	S-73° 14' 03"-E
4	1382.40	59.08'	2° 26' 55"	59.08'	S-60° 12' 05"-E
5	1382.40	211.87'	8° 46' 53"	211.66'	N-72° 21' 14"-W
6	2576.48	241.00'	5° 21' 34"	240.92'	S-74° 03' 53"-E
7	1382.40	44.44'	1° 50' 31"	44.44'	N-58° 03' 21"-W
8	1432.40	120.03'	4° 48' 04"	120.00'	S-61° 48' 31"-E

- LEGEND
- PAVEMENT REMOVAL
 - HIC = HICKORY
 - = REMOVAL ITEM
 - EX. = EXISTING
 - R/W = RIGHT OF WAY
 - TELE = TELEPHONE
 - PED = PEDESTAL
 - U.G. = UNDERGROUND

SEC. 7, T5N, R8E

NOTE:
 UNLESS OTHERWISE NOTED
 RIGHT OF WAY LINES ARE
 PARALLEL TO C OF RIGHT
 OF WAY. (TYPICAL ALL SHEETS)

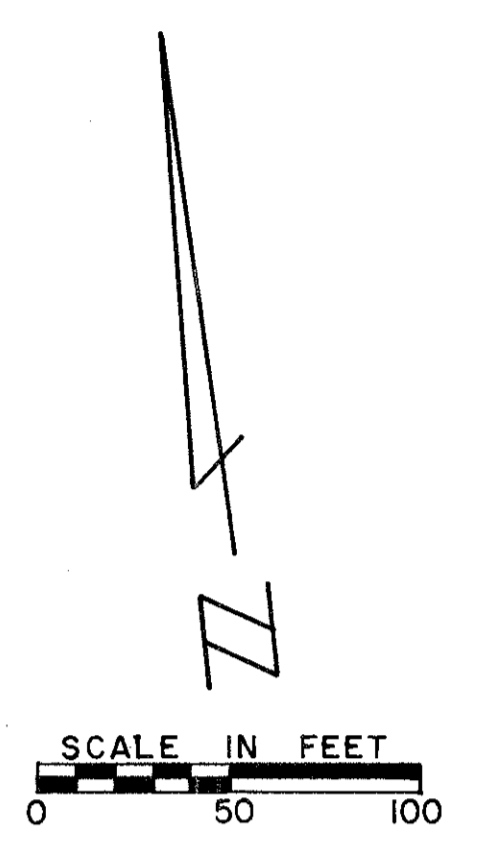
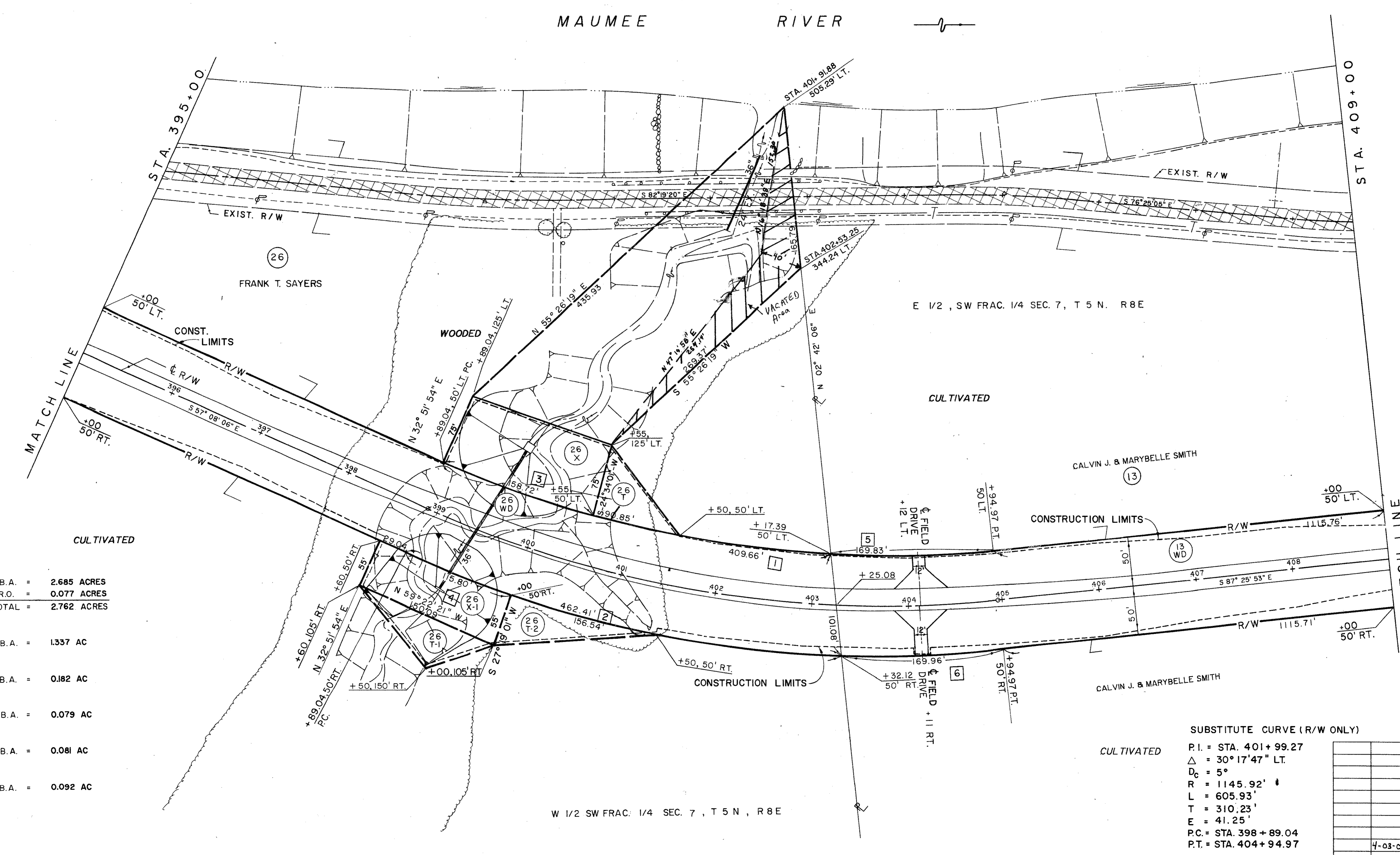
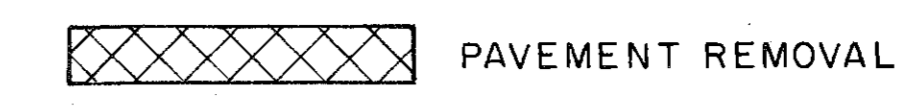
HEN 110 7.35
 SECTION 12, T5N, R7 E HARRISON TWP.
 SECTION 7 & 8, T5N, R8 E DAMASCUS TWP.
 HENRY COUNTY

REV.	DATE	DESCRIPTION

HEN 110 7.35
SECTION 12, T5N, R7E, HARRISON TWP.
SECTION 7 & 8, T5N, R8E DAMASCUS TWP.
HENRY COUNTY

CALC BY: <i>JLB</i>	HENRY COUNTY	OHIO
DATE: <i>12-1-84</i>	HEN - 110 - 7.35	FHWA REGION 5
CHKD BY: <i>JHY</i>	RS - BRS - 395 (5)	FEDERAL PROJECT
DATE: <i>12-1-84</i>		

CURVE NO.	R	ARC	Δ	CHORD LENGTH	CHORD BEARING
1	1095.92	409.66'	21° 25' 03"	407.38'	S-67° 50' 37"-E
2	1195.92	462.41'	22° 09' 14"	459.54'	N-68° 12' 43"-W
3	1095.92	158.72'	8° 17' 53"	158.58'	N-61° 17' 02"-W
4	1195.92	115.80'	5° 32' 53"	115.76'	S-59° 54' 32"-E
5	1095.92	169.83'	8° 52' 44"	169.66'	N-82° 59' 31"-W
6	1195.92	169.96'	8° 08' 33"	169.82'	S-83° 21' 36"-E



- (26) T.B.A. = 2.685 ACRES
- (WD) P.R.O. = 0.077 ACRES
- TOTAL = 2.762 ACRES

- (26 X) T.B.A. = 1.337 AC
- (26 X1) T.B.A. = 0.182 AC
- (26 T) T.B.A. = 0.079 AC
- (26 T1) T.B.A. = 0.081 AC
- (26 T2) T.B.A. = 0.092 AC

SUBSTITUTE CURVE (R/W ONLY)

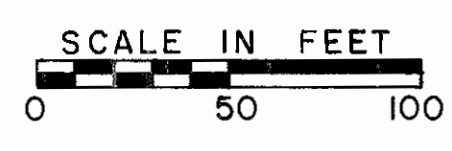
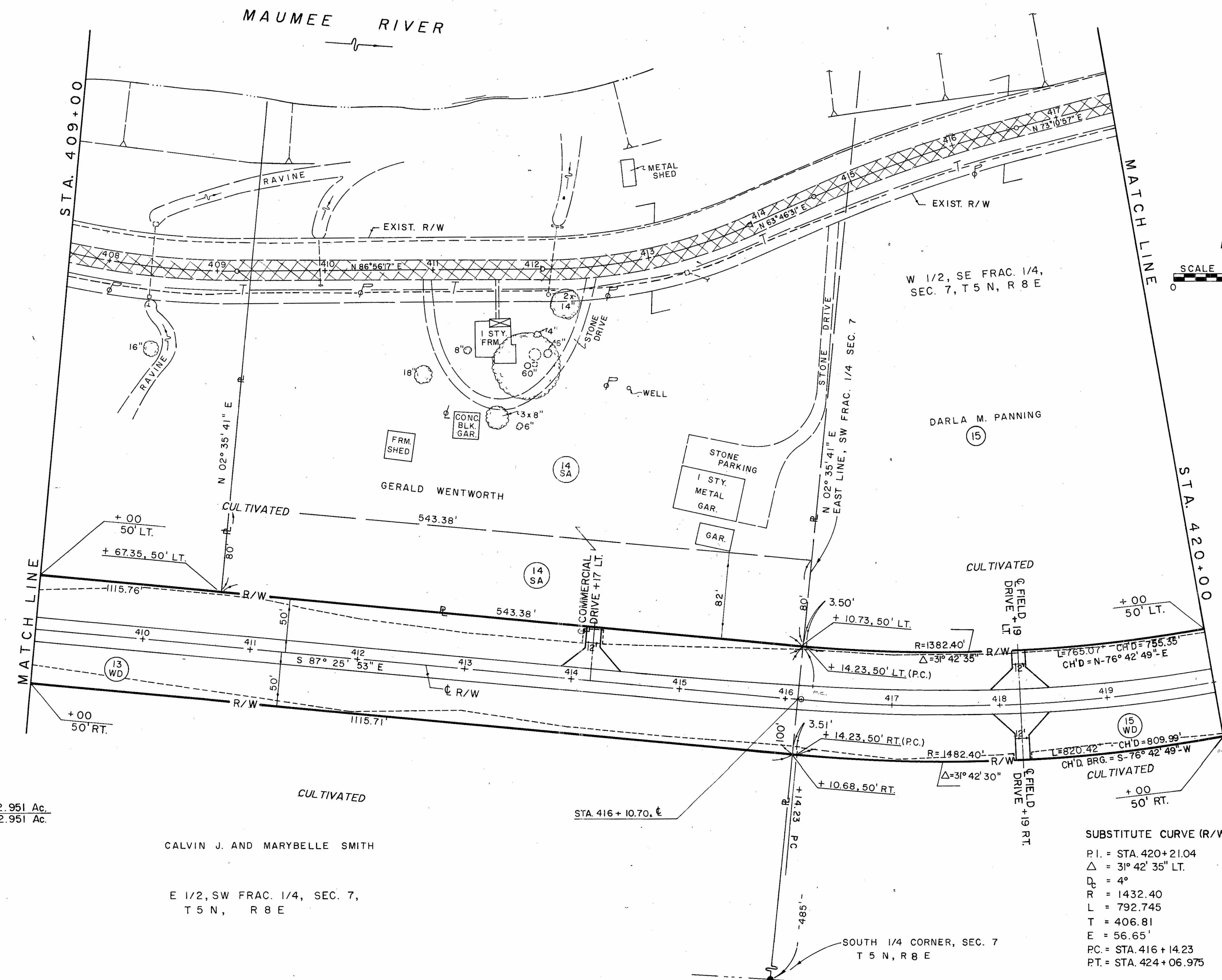
P.I. = STA. 401+99.27
 Δ = 30° 17' 47" LT.
 D_c = 5°
 R = 1145.92' #
 L = 605.93'
 T = 310.23'
 E = 41.25'
 P.C. = STA. 398+89.04
 P.T. = STA. 404+94.97

REV.	DATE	DESCRIPTION
4-03-01		VACATE PORTION OF Parcel 26-X, Vol 90 & 611-613

CALC BY: <i>JE</i> DATE: <i>12-2-86</i> CHKD BY: <i>THY</i> DATE: <i>12-2-86</i>	HENRY COUNTY HEN - 110 - 7.35 RS - BRS - 395 (5)	OHIO FHWA REGION 5 FEDERAL PROJECT
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HEN 110 7.35
 SECTION 12, T5N, R7E HARRISON TWP.
 SECTION 7&8, T5N, R8E DAMASCUS TWP.
 HENRY COUNTY

PAVEMENT REMOVAL



13 WD T.B.A. = 2.951 Ac.
 TOTAL = 2.951 Ac.

CALVIN J. AND MARYBELLE SMITH
 E 1/2, SW FRAC. 1/4, SEC. 7,
 T 5 N, R 8 E

SUBSTITUTE CURVE (R/W ONLY)
 P.I. = STA. 420+21.04
 Δ = 31° 42' 35" LT.
 D_c = 4°
 R_c = 1432.40
 L = 792.745
 T = 406.81
 E = 56.65'
 P.C. = STA. 416 + 14.23
 P.T. = STA. 424 + 06.975

REV.	DATE	DESCRIPTION

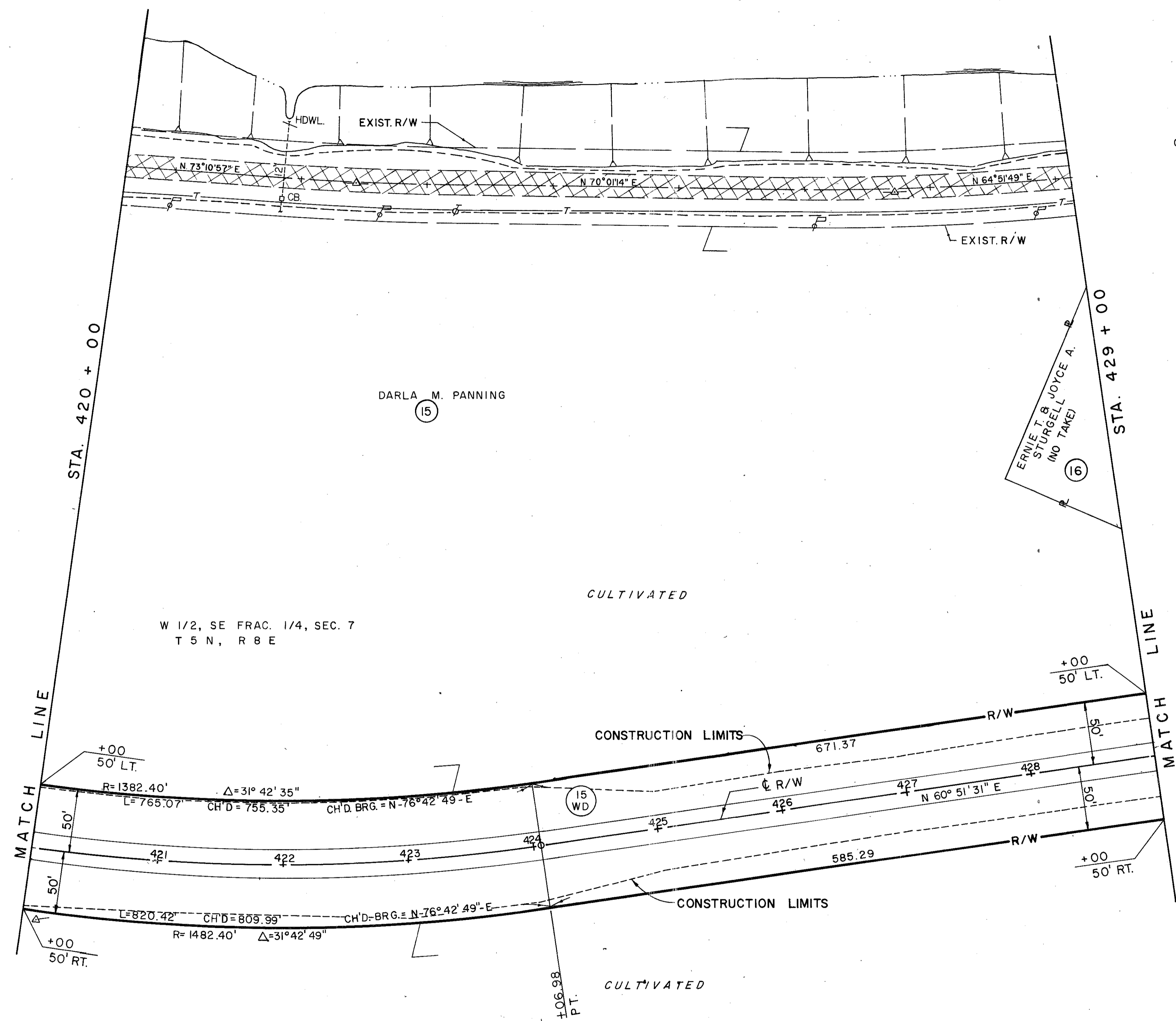
HEN 110 7.35
 SECTION 12, T5N, R7E HARRISON TWP.
 SECTION 7&8, T5N, R8E DAMASCUS TWP.
 HENRY COUNTY
 MAUMEE RIVER

PAVEMENT REMOVAL

CALC. BY: <i>WJE</i>	HENRY COUNTY	OHIO
DATE: <i>12-2-86</i>	HEN - 110 - 7.35	FHWA REGION 5
CHKD. BY: <i>THY</i>	RS - BRS - 395 (5)	FEDERAL PROJECT
DATE: <i>12-2-86</i>		

7
11

SCALE IN FEET
 0 50 100



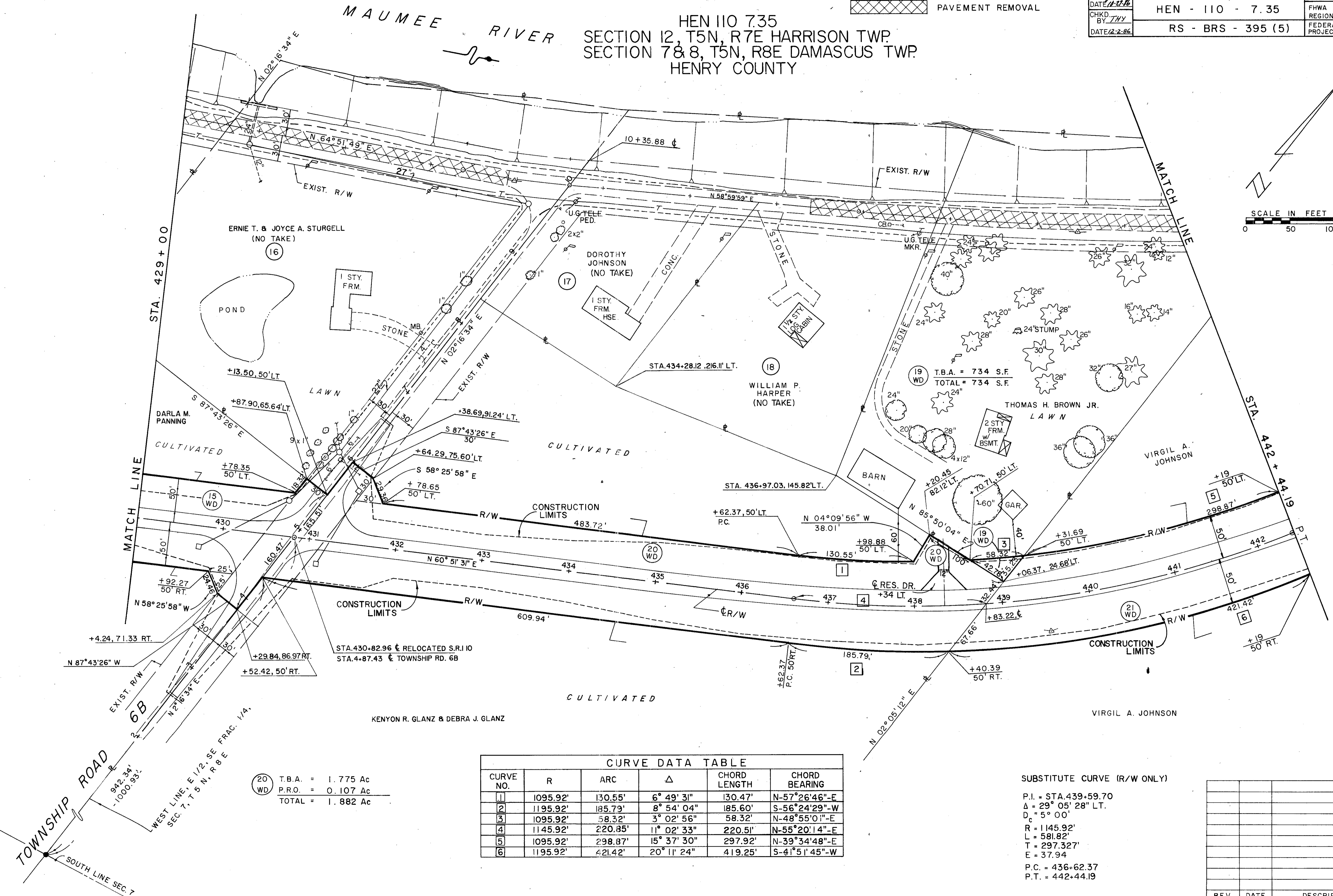
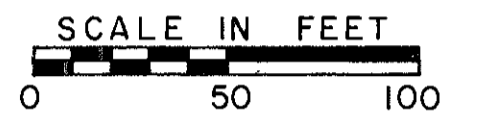
(15) T.B.A. = 3.306 AC
 (WD) P.R.O. = 0.110 AC
 TOTAL = 3.416 AC

SUBSTITUTE CURVE (R/W ONLY)
 P.I. = STA. 420+21.04
 Δ = 31°42'35" LT.
 D_c = 4°
 R = 1432.40'
 L = 792.745'
 T = 406.81'
 E = 56.65'
 P.C. = 416+14.23
 P.T. = 424+06.98

REV.	DATE	DESCRIPTION

HEN 110 735
 SECTION 12, T5N, R7E HARRISON TWP
 SECTION 7 & 8, T5N, R8E DAMASCUS TWP
 HENRY COUNTY

PAVEMENT REMOVAL



(20) T.B.A. = 1.775 Ac
 P.R.O. = 0.107 Ac
 TOTAL = 1.882 Ac

CURVE NO.	R	ARC	Δ	CHORD LENGTH	CHORD BEARING
1	1095.92'	130.55'	6° 49' 31"	130.47'	N-57° 26' 46"-E
2	1195.92'	185.79'	8° 54' 04"	185.60'	S-56° 24' 29"-W
3	1095.92'	58.32'	3° 02' 56"	58.32'	N-48° 55' 01"-E
4	1145.92'	220.85'	11° 02' 33"	220.51'	N-55° 20' 14"-E
5	1095.92'	298.87'	15° 37' 30"	297.92'	N-39° 34' 48"-E
6	1195.92'	421.42'	20° 11' 24"	419.25'	S-41° 51' 45"-W

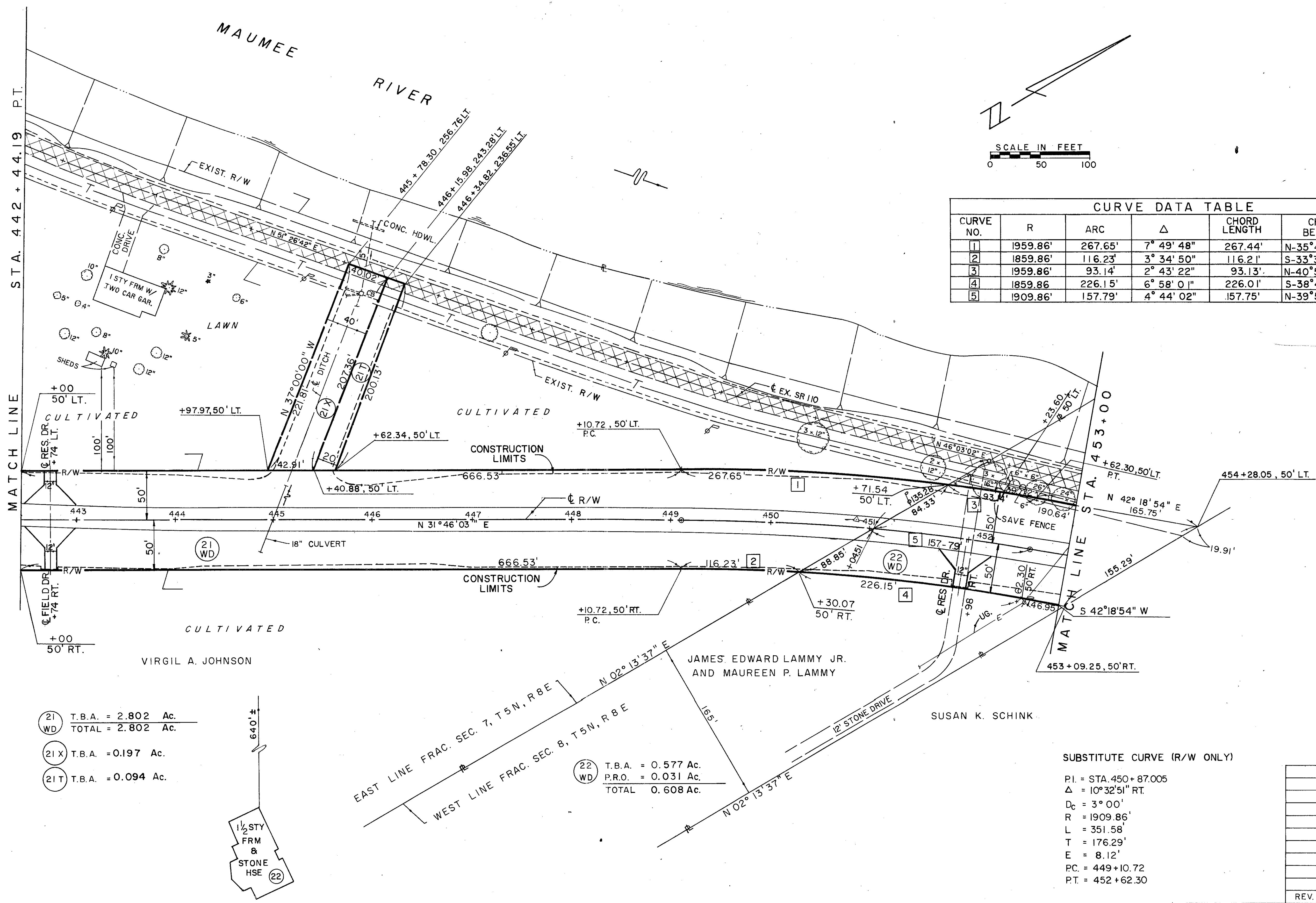
SUBSTITUTE CURVE (R/W ONLY)
 P.I. = STA. 439+59.70
 Δ = 29° 05' 28" LT.
 D_c = 5° 00'
 R = 1145.92'
 L = 581.82'
 T = 297.327'
 E = 37.94'
 P.C. = 436+62.37
 P.T. = 442+44.19

REV.	DATE	DESCRIPTION

HEN 110 7.35
SECTION 12, T5N, R7E HARRISON TWP.
SECTION 7 & 8, T5N, R8E DAMASCUS TWP.
HENRY COUNTY

PAVEMENT REMOVAL

CALC BY: <i>THY</i>	HENRY COUNTY	OHIO
DATE: 12-2-86	HEN - 110 - 7.35	FHWA REGION 5
CHKD BY: <i>THY</i>	RS - BRS - 395 (5)	FEDERAL PROJECT
DATE: 12-2-86		



CURVE NO.	R	ARC	Δ	CHORD LENGTH	CHORD BEARING
1	1959.86'	267.65'	7° 49' 48"	267.44'	N-35° 40' 48"-E
2	1859.86'	116.23'	3° 34' 50"	116.21'	S-33° 33' 29"-W
3	1959.86'	93.14'	2° 43' 22"	93.13'	N-40° 57' 13"-E
4	1859.86'	226.15'	6° 58' 01"	226.01'	S-38° 49' 54"-W
5	1909.86'	157.79'	4° 44' 02"	157.75'	N-39° 56' 53"-E

- (21) T.B.A. = 2.802 Ac.
WD TOTAL = 2.802 Ac.
- (21X) T.B.A. = 0.197 Ac.
- (21T) T.B.A. = 0.094 Ac.

- (22) T.B.A. = 0.577 Ac.
P.R.O. = 0.031 Ac.
TOTAL 0.608 Ac.

SUBSTITUTE CURVE (R/W ONLY)
 P.I. = STA. 450+87.005
 Δ = 10° 32' 51" RT.
 D_c = 3° 00'
 R = 1909.86'
 L = 351.58'
 T = 176.29'
 E = 8.12'
 P.C. = 449+10.72
 P.T. = 452+62.30

REV.	DATE	DESCRIPTION

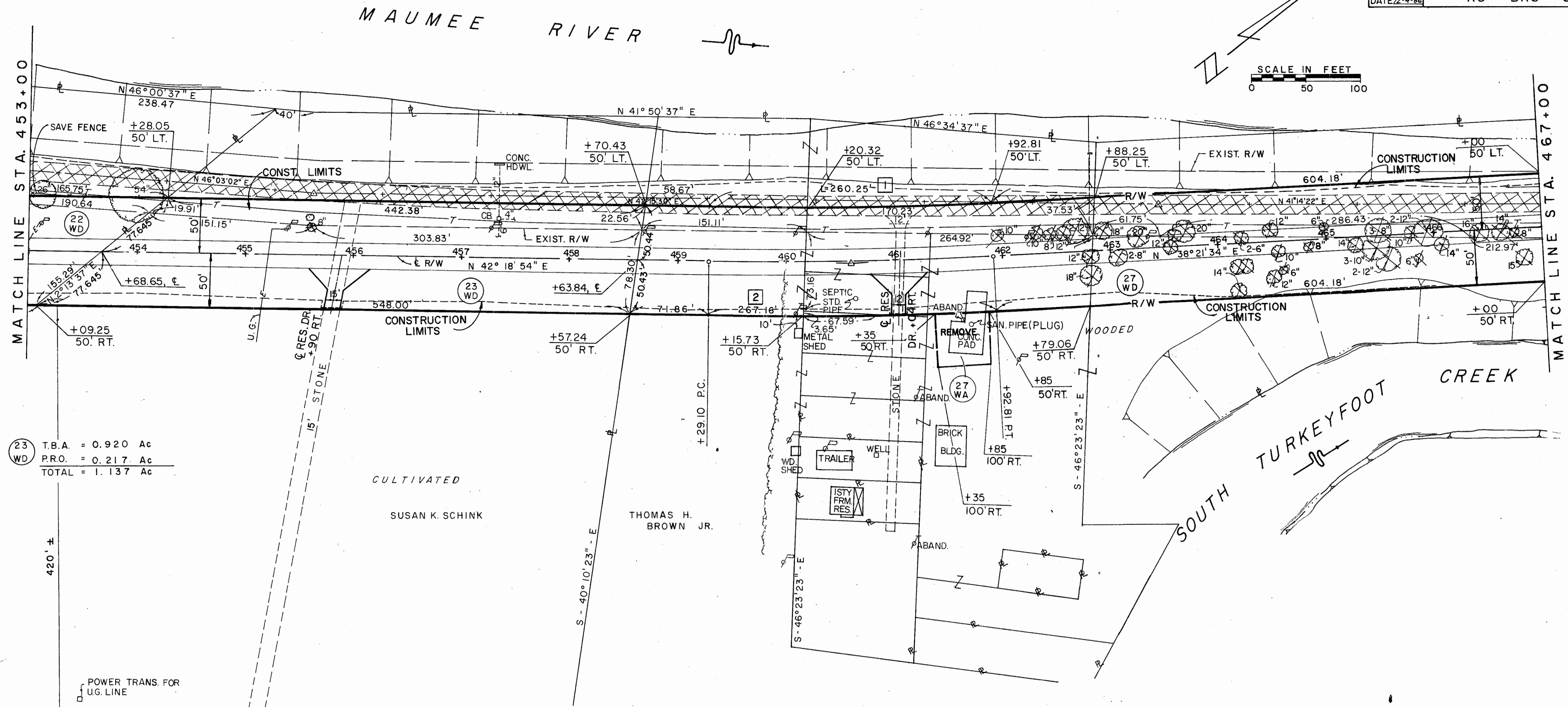
CALC. BY: <i>D.E.</i>	HENRY COUNTY	OHIO
DATE: <i>12-27-84</i>	HEN - 110 - 7.35	FHWA REGION 5
CHKD. BY: <i>TNY</i>	RS - BRS - 395 (5)	FEDERAL PROJECT
DATE: <i>12-4-86</i>		

PAVEMENT REMOVAL



MATCH LINE STA. 453+00

MATCH LINE STA. 467+00



23 WD
T.B.A. = 0.920 Ac
P.R.O. = 0.217 Ac
TOTAL = 1.137 Ac

27 WD
T.B.A. = 2.499 Ac
P.R.O. = 2.712 Ac
TOTAL = 5.211 Ac

27 WA
TOTAL = 0.057 Ac

CURVE NO.	R	ARC	Δ	CHORD LENGTH	CHORD BEARING
1	3769.72'	260.25'	3° 57' 20"	260.20'	N-40°20'14"-W
2	3869.72'	267.16'	3° 57' 20"	267.10'	S-40°20'14"-W

E 1/2, FRAC. SEC. 8
T 5 N R 8 E

HEN 110 7.35
SECTION 12, T5N, R7E HARRISON TWP.
SECTION 7&8, T5N, R8E DAMASCUS TWP.
HENRY COUNTY

SUBSTITUTE CURVE (R/W ONLY)

PI = STA. 460 + 61.001
Δ = 3° 57' 20" LT.
D_c = 1° 30'
R = 3819.72'
L = 263.70'
T = 131.90'
E = 2.28'
P.C. = 459 + 29.10
P.T. = 461 + 92.81

REV.	DATE	DESCRIPTION

Scanned June 1997

HEN-110-7.35

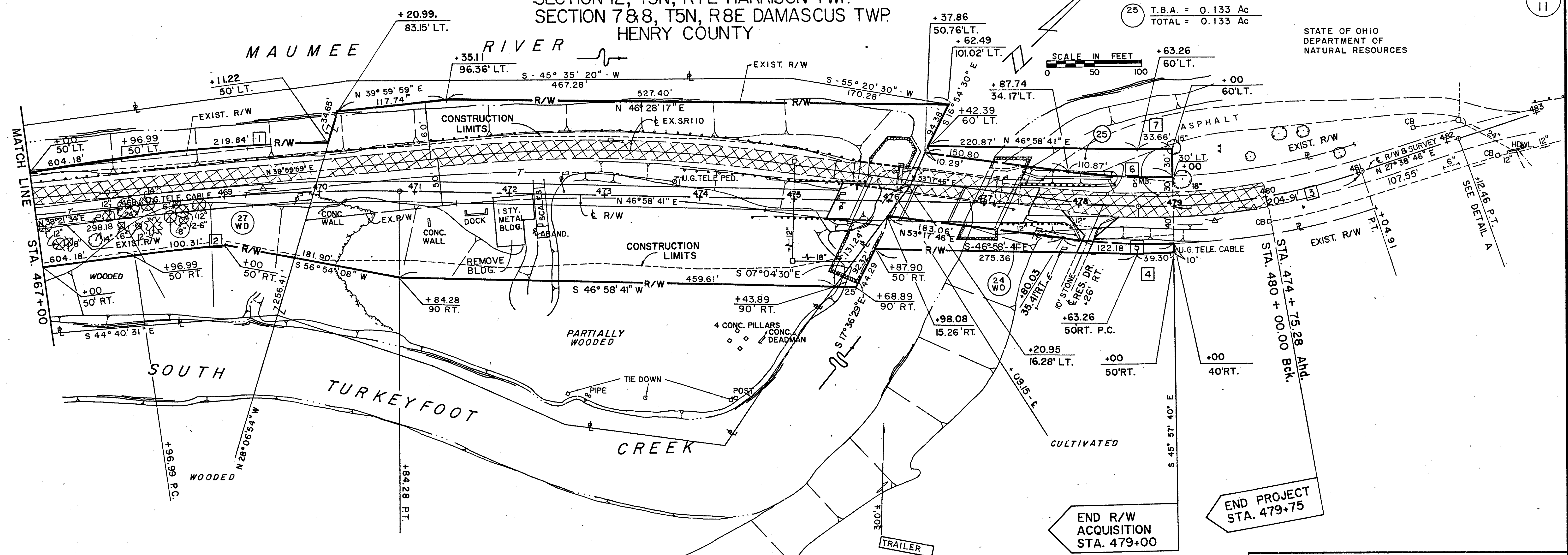
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B-55

HEN 110 7.35
SECTION 12, T5N, R7E HARRISON TWP.
SECTION 7&8, T5N, R8E DAMASCUS TWP.
HENRY COUNTY

PAVEMENT REMOVAL

STATE OF OHIO
DEPARTMENT OF
NATURAL RESOURCES

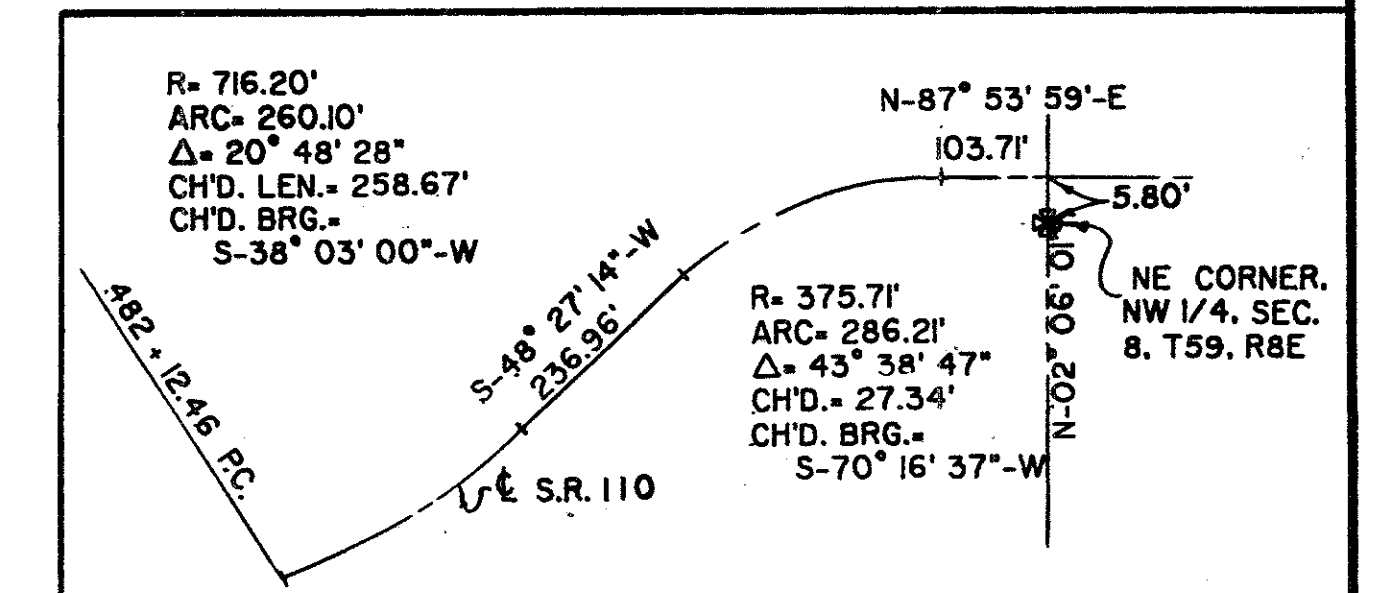


THOMAS H. BROWN JR.

EMMA M. RYAN

27
WD
T.B.A. = 2.499 Ac
P.R.O. = 2.712 Ac
TOTAL = 5.211 Ac

24
WD
T.B.A. = 0.162 Ac
TOTAL = 0.162 Ac



DETAIL A
(NOT TO SCALE)

CURVE NO.	R	ARC	Δ	CHORD LENGTH	CHORD BEARING
1	1959.86'	219.84'	6° 25' 37"	219.73'	N-41° 34' 23"-E
2	1859.86'	100.31'	3° 05' 25"	100.30'	S-38° 21' 34"-W
3	716.20'	204.91'	16° 23' 34"	204.21'	S-35° 50' 33"-W
4	766.20'	39.30'	2° 56' 21"	39.30'	S-45° 30' 30"-W
5	756.20'	122.18'	9° 15' 27"	122.05'	N-48° 40' 04"-E
6	686.20'	110.87'	9° 15' 28"	110.75'	S-48° 40' 40"-W
7	656.20'	33.66'	2° 56' 21"	33.66'	N-45° 30' 31"-E

SUBSTITUTE CURVE (R/W ONLY)

P.I. = STA. 469+40.90	P.I. = STA. 479+85.24
Δ = 8° 37' 07"	Δ = 19° 19' 55"
D _c = 3° 00'	D _c = 8° 00'
R = 1909.86'	R = 716.20'
L = 287.29'	L = 241.65'
T = 143.92'	T = 121.98'
E = 5.41'	E = 10.31'
P.C. = 467+96.99	P.C. = 478+63.26
P.T. = 470+84.28	P.T. = 481+04.91

REV.	DATE	DESCRIPTION