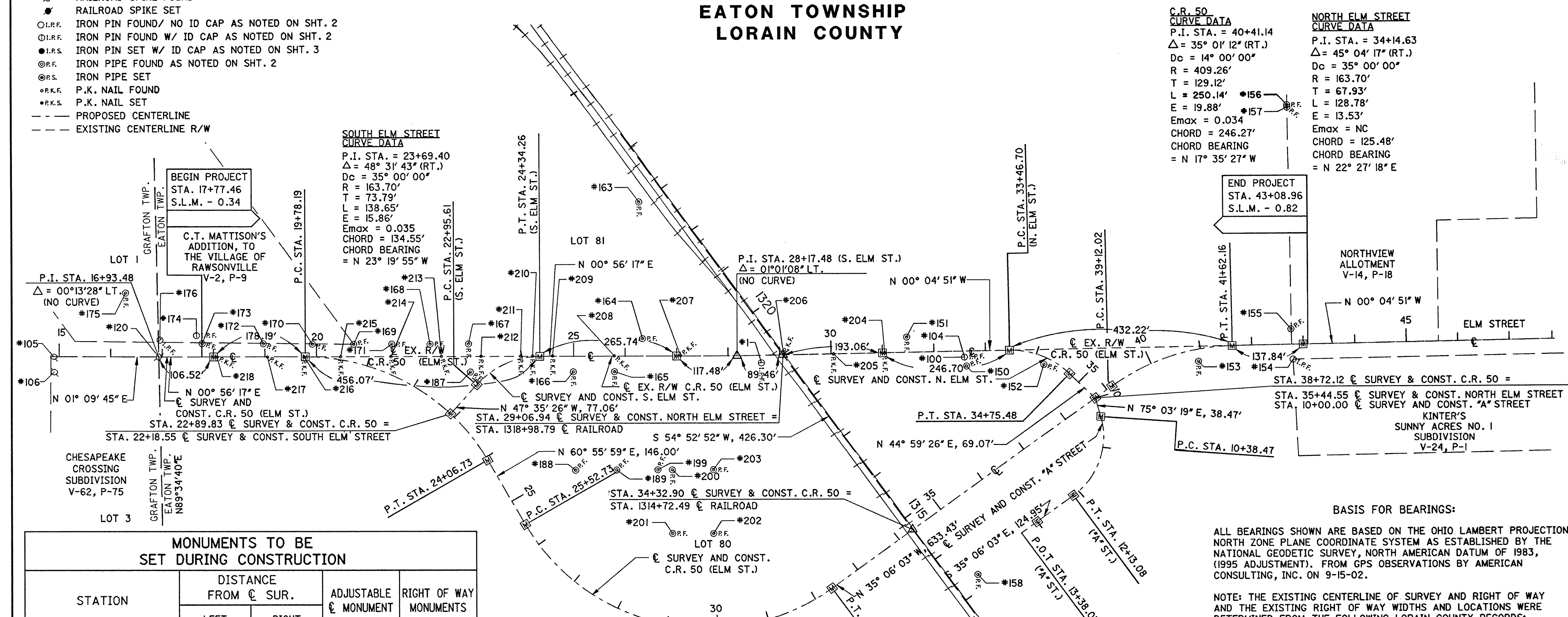


MONUMENT LEGEND

- ☐ EXISTING R/W MONUMENT BOX FOUND
- ◻ PROPOSED R/W MONUMENT BOX
- ⊙ EXISTING CONCRETE MONUMENT FOUND
- PROPOSED CONCRETE MONUMENT
- ⊙ RAILROAD SPIKE FOUND
- ⊙ RAILROAD SPIKE SET
- I.R.F. IRON PIN FOUND/ NO ID CAP AS NOTED ON SHT. 2
- ⊙ I.R.F. IRON PIN FOUND W/ ID CAP AS NOTED ON SHT. 2
- I.R.S. IRON PIN SET W/ ID CAP AS NOTED ON SHT. 3
- ⊙ R.F. IRON PIPE FOUND AS NOTED ON SHT. 2
- ⊙ R.F. IRON PIPE SET
- ⊙ R.K.F. P.K. NAIL FOUND
- ⊙ R.K.S. P.K. NAIL SET
- PROPOSED CENTERLINE
- EXISTING CENTERLINE R/W

**LOR-CR50-0.34
VILLAGE OF GRAFTON
ORIGINAL LOTS 80 & 81
T5N, R16W OF THE CONNECTICUT WESTERN RESERVE
EATON TOWNSHIP
LORAIN COUNTY**



MONUMENTS TO BE SET DURING CONSTRUCTION

STATION	DISTANCE FROM C SUR.		ADJUSTABLE C MONUMENT	RIGHT OF WAY MONUMENTS
	LEFT	RIGHT		
C.R. 50				
P.O.T.	18+00.00			
P.C.	19+78.19			
INTERSECTION	22+89.83			
P.T.	24+06.73			
P.C.	25+52.73			
P.T.	32+38.69			
INTERSECTION	38+72.12			
P.C.	39+12.02			
P.T.	41+62.16			
P.O.T.	43+00.00			
SOUTH ELM STREET				
P.C.	22+95.61			
P.T.	24+34.26			
P.O.T.	27+00.00			
NORTH ELM STREET				
P.O.T.	31+00.00			
P.C.	33+46.70			
P.T.	34+75.48			
"A" STREET				
P.C.	10+38.47			
P.T.	12+13.08			
P.O.T.	13+00.00			
TOTAL				19

C.R. 50 CURVE DATA	C.R. 50 CURVE DATA	"A" STREET CURVE DATA
P.I. STA. = 22+14.45	P.I. STA. = 30+07.53	P.I. STA. = 11+38.48
$\Delta = 59^\circ 59' 43''$ (RT.)	$\Delta = 96^\circ 02' 03''$ (LT.)	$\Delta = 69^\circ 50' 38''$ (RT.)
$D_c = 14^\circ 00' 00''$	$D_c = 14^\circ 00' 00''$	$D_c = 40^\circ 00' 00''$
$R = 409.26'$	$R = 409.26'$	$R = 143.24'$
$T = 236.26'$	$T = 454.80'$	$T = 100.01'$
$L = 428.54'$	$L = 685.96'$	$L = 174.61'$
$E = 63.30'$	$E = 202.57'$	$E = 31.46'$
$E_{max} = 0.034$	$E_{max} = 0.034$	$E_{max} = NC$
CHORD = 409.23'	CHORD = 608.44'	CHORD = 164.00'
CHORD BEARING = N 30° 56' 08" E	CHORD BEARING = N 12° 54' 58" E	CHORD BEARING = S 70° 01' 22" E

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. 4-18-03) 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 ODOT SHALL BE NOTIFIED OF THE NEW LOCATIONS. ALL MONUMENTS ARE TO BE SET WITHIN +/- 0.02' POSITIONAL TOLERANCE.

I HEREBY CERTIFY THAT THIS PLAT IS A TRUE DELINEATION OF A SURVEY MADE FOR THE OHIO DEPARTMENT OF TRANSPORTATION IN 2002 BY AMERICAN CONSULTING, INC.

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

By *Charles P. Unterreiner*
CHARLES P. UNTERREINER
SURVEYOR NO. S-7819 DATE 12-23-03



MAR 19 2004

DEEDS	DEED VOLUME	PAGE	SURVEY PLATS	PLAT VOLUME	PAGES
RECEIVED FOR RECORD	270	373	2	9	
at 12:30 clock M. 1822 RECORD	592	496	14	18	
VOL. 22 JUDITH M. NEDWICK	989	931	24	1	
PAGES Lorain County Recorder	1098	768	62	75 & 76	
78, 79, 80, 102	1117	629			
PLAT 258.20	1408	978			
Box 0007 of 2112 (1-800-645-3212)	1414	777			
96-1/TLM/ DLW					

NO TRANSFER NECESSARY
 MARK R. STEWART
 LORAIN COUNTY AUDITOR
 INSTRUMENT NUMBER *96-1/TLM/ DLW*
 DEPUTY

RECEIVED _____, 20__	1 / 3
RECORDED _____, 20__	1 / 18
BOOK _____ PAGE _____	
COUNTY RECORDER	111 128

CENTERLINE PLAT

PID NO. **23107**

R/W DESIGNER **JMA** R/W REVIEWER **CFU**

LOR-CR50-0.34

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EXISTING MONUMENTS TABLE

THE PROJECT ADJUSTMENT FACTOR FOR STATE PLANE GRID (METRIC) COORDINATES TO PROJECT (GROUND LEVEL) COORDINATES (FEET) = 3.2811238708

POINT NO.	DESCRIPTION	CENTERLINE	STATION	SIDE	OFFSET	PROJECT NORTHING	COORDINATES EASTING	STATE PLANE NORTHING (M)	COORDINATES EASTING (M)
1	IRON PIN FOUND	S. ELM ST.	28+64.56	RT.	14.36'	587378.2413	2091862.0604	179017.3930	637544.3728
100	IRON PIN FOUND	N. ELM ST.	32+58.93	RT.	11.85'	587772.6090	2091858.9950	179137.5858	637543.4386
104	BRASS PLUG IN MONUMENT BOX	C.R. 50	47+87.89	RT.	2211.72	588929.7211	2089633.8424	179490.2431	636865.2708
105	RAIL ROAD SPIKE FOUND	C.R. 50	14+89.54	CL		586003.3913	2091825.2278	178598.3749	637533.1472
106	CAPPED REBAR IN MONUMENT BOX MARKED "NEFF #7056"	C.R. 50	14+90.78	RT.	30.03'	586004.0174	2091855.2724	178598.5658	637542.3040
107	CAPPED REBAR IN MONUMENT BOX MARKED "NEFF #7056"	C.R. 50	15+03.10	RT.	342.56'	586009.9992	2092167.9917	178600.3889	637637.6126
108	CAPPED REBAR IN MONUMENT BOX MARKED "NEFF #7056"	C.R. 50	14+90.44	RT.	485.06'	585994.4520	2092310.2107	178595.6505	637680.9572
109	CAPPED REBAR IN MONUMENT BOX MARKED "NEFF #7056"					585989.8385	2092380.3768	178594.2444	637702.3420
110	CAPPED REBAR IN MONUMENT BOX MARKED "NEFF #7056"					585992.0990	2092887.1969	178594.9333	637856.8074
120	RAIL ROAD SPIKE FOUND	C.R. 50	16+93.48	CL		586207.2866	2091829.3657	178660.5168	637534.4084
150	3/4" IRON PIPE FOUND	N. ELM ST.	32+63.01	RT.	29.13'	587776.7097	2091876.2651	179138.8356	637548.7021
151	3/4" IRON PIPE FOUND	N. ELM ST.	31+47.54	LT.	29.75'	587661.1568	2091817.5465	179103.6181	637530.8062
152	3/4" IRON PIPE FOUND	N. ELM ST.	34+21.48	RT.	13.50'	587926.6476	2091875.8262	179184.5327	637548.5683
153	3/4" IRON PIPE FOUND	C.R. 50	40+92.16	RT.	23.34'	588226.9251	2091875.4704	179276.0494	637548.4598
154	3/4" IRON PIPE FOUND	C.R. 50	42+80.15	RT.	29.16'	588410.6013	2091875.4036	179332.0290	637548.4395
155	3/4" IRON PIPE FOUND	C.R. 50	42+76.89	LT.	30.08'	588407.2595	2091816.1670	179331.0106	637530.3857
156	IRON PIPE FOUND	C.R. 50	42+78.77	LT.	464.84'	588408.5278	2091381.4015	179331.3971	637397.8807
157	IRON PIPE FOUND	C.R. 50	42+79.06	LT.	460.08'	588408.8304	2091386.1609	179331.4893	637399.3312
158	IRON PIPE FOUND	C.R. 50	34+83.00	RT.	145.71'	587790.6157	2092286.7389	179143.0738	637673.8036
159	1/2" IRON PIPE FOUND	C.R. 50	34+83.43	RT.	968.30'	588263.9711	2092959.4883	179287.3400	637878.8399
160	IRON PIN FOUND	C.R. 50	34+83.31	RT.	1306.74'	588458.4849	2093236.4489	179346.6227	637963.2502
163	3/4" IRON PIPE FOUND	S. ELM ST.	26+27.92	LT.	300.99'	587146.5289	2091543.7079	178946.7731	637447.3474
164	IRON PIPE FOUND	S. ELM ST.	26+33.80	LT.	34.18'	587148.0427	2091810.5828	178947.2345	637528.6838
165	3/4" IRON PIPE FOUND	S. ELM ST.	25+79.20	RT.	30.00'	587092.3981	2091873.8634	178930.2755	637547.9701
166	3/4" IRON PIPE FOUND	S. ELM ST.	24+99.26	RT.	30.04'	587012.4766	2091872.5971	178905.9175	637547.5841
167	IRON PIPE FOUND	C.R. 50	22+36.75	LT.	128.38'	586809.8413	2091814.6294	178844.1596	637529.9171
168	1/2" IRON PIPE FOUND	C.R. 50	21+86.95	LT.	87.68'	586734.9647	2091813.5872	178821.3392	637529.5995
169	1/2" IRON PIPE FOUND	C.R. 50	20+65.83	LT.	34.55'	586586.6588	2091811.1559	178776.1395	637528.8585
170	1/2" IRON PIPE FOUND	C.R. 50	19+91.32	LT.	25.14'	586506.2967	2091809.3375	178751.6472	637528.3043
171	3/4" IRON PIPE FOUND	C.R. 50	21+29.59	LT.	56.08'	586660.5898	2091812.1875	178798.6717	637529.1729
172	1/2" IRON PIPE FOUND	C.R. 50	18+96.76	LT.	25.50'	586410.9618	2091807.1976	178722.5917	637527.6521
173	1/2" IRON PIPE FOUND	C.R. 50	17+77.87	LT.	26.19'	586292.1016	2091804.5655	178686.3662	637526.8499
174	IRON PIN FOUND	C.R. 50	17+67.04	LT.	41.88'	586281.5285	2091788.6950	178683.1438	637522.0130
175	1/2" IRON PIPE FOUND	C.R. 50	16+29.08	LT.	125.10'	586145.4394	2091702.9847	178641.6675	637495.8908
176	IRON PIN FOUND	C.R. 50	16+96.05	LT.	33.19'	586210.4040	2091796.2178	178661.4669	637524.3057
187	1" IRON PIPE FOUND	S. ELM ST.	23+04.83	LT.	26.35'	586812.4081	2091869.3026	178844.9419	637546.5801
188	1/2" IRON PIPE FOUND	C.R. 50	25+09.61	LT.	137.73'	587013.3361	2092067.4077	178906.1795	637606.9573
189	1/2" IRON PIPE FOUND	C.R. 50	25+49.43	LT.	207.06'	587093.2872	2092068.5364	178930.5465	637607.3013
190	IRON PIPE FOUND	C.R. 50	30+44.67	RT.	49.88'	587335.0302	2092427.9210	179004.2233	637716.8322
199	1/2" IRON PIPE FOUND	C.R. 50	26+63.01	LT.	271.53'	587173.3919	2092069.7295	178954.9603	637607.6649
200	1/2" IRON PIPE FOUND	C.R. 50	27+31.62	LT.	289.47'	587201.3972	2092070.2331	178963.4955	637607.8184
201	1/2" IRON PIPE FOUND	C.R. 50	28+59.31	LT.	175.81'	587199.4281	2092195.1923	178962.8954	637645.9026
202	1/2" IRON PIPE FOUND	C.R. 50	30+01.98	LT.	185.68'	587279.2681	2092196.6336	178987.2285	637646.3419
203	1/2" IRON PIPE FOUND	C.R. 50	30+27.71	LT.	310.59'	587281.1842	2092071.3897	178987.8125	637608.1709
204	PK NAIL FOUND	N. ELM ST.	31+04.58	CL		587618.2367	2091847.3626	179090.5372	637539.8933
205	PK NAIL FOUND	N. ELM ST.	30+04.59	LT.	0.04'	587518.2510	2091847.4654	179060.0642	637539.9247
206	PK NAIL FOUND	N. ELM ST.	29+07.94	LT.	1.05'	587421.6008	2091846.5850	179030.6078	637539.6563
207	PK NAIL FOUND	S. ELM ST.	27+07.70	LT.	1.19'	587221.4001	2091844.7759	178969.5919	637539.1050
208	PK NAIL FOUND	S. ELM ST.	25+79.01	LT.	0.95'	587092.7137	2091842.9111	178930.3717	637538.5366
209	PK NAIL FOUND	S. ELM ST.	24+59.01	LT.	0.82'	586972.7342	2091841.0812	178893.8051	637537.9789
210	PK NAIL FOUND	S. ELM ST.	24+20.06	LT.	1.33'	586933.6923	2091840.5500	178881.9061	637537.8170
211	PK NAIL FOUND	S. ELM ST.	23+97.75	LT.	4.89'	586910.7045	2091840.1714	178874.9001	637537.7016
212	PK NAIL FOUND	S. ELM ST.	23+34.74	LT.	36.38'	586833.7168	2091839.0906	178851.4362	637537.3722
213	PK NAIL FOUND	C.R. 50	22+13.03	LT.	78.55'	586756.7402	2091837.9441	178827.9758	637537.0228
214	PK NAIL FOUND	C.R. 50	21+36.51	LT.	32.93'	586658.7660	2091836.5001	178798.1159	637536.5827
215	PK NAIL FOUND	C.R. 50	20+46.30	LT.	5.87'	586560.7189	2091835.0167	178768.2337	637536.1306
216	PK NAIL FOUND	C.R. 50	19+75.99	LT.	0.04'	586489.7660	2091833.9546	178746.6091	637535.8069
217	PK NAIL FOUND	C.R. 50	19+04.92	RT.	0.06'	586418.7049	2091832.8894	178724.9516	637535.4823
218	PK NAIL FOUND	C.R. 50	18+06.95	RT.	0.23'	586320.7441	2091831.4558	178695.0957	637535.0454
401	BRASS PLUG FOUND					588918.3073	2091845.5287	179486.7644	637539.3344

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MONUMENTS TO BE SET

THE PROJECT ADJUSTMENT FACTOR FOR STATE PLANE GRID (METRIC) COORDINATES TO PROJECT (GROUND LEVEL) COORDINATES (FEET) = 3.2811238708

IRON PINS SET SHALL BE 3/4 INCH DIAMETER X 36 INCHES LONG REINFORCING BARS WITH A 1-1/2 INCH DIAMETER ALUMINUM CAP MARKED "ODOT R/W, LS #7819".

POINT NO.	DESCRIPTION	CENTERLINE	STATION	PROJECT NORTHING	COORDINATES EASTING	STATE PLANE NORTHING (M)	COORDINATES EASTING (M)
8000	P.O.T - ADJUSTABLE MONUMENT	C.R. 50	18+00.00	586313.7950	2091831.1095	178692.9778	637534.9398
8004	P.C. - ADJUSTABLE MONUMENT	C.R. 50	19+78.19	586491.9611	2091834.0264	178747.2781	637535.8288
8011	P.O.C. - ADJUSTABLE MONUMENT	C.R. 50	22+89.83	586772.4567	2091951.6640	178832.7658	637571.6816
8015	P.T. - ADJUSTABLE MONUMENT	C.R. 50	24+06.73	586842.9729	2092044.3988	178854.2573	637599.9448
8019	P.C. - ADJUSTABLE MONUMENT	C.R. 50	25+52.73	586913.9059	2092172.0141	178875.8758	637638.8385
8033	P.T. - ADJUSTABLE MONUMENT	C.R. 50	32+38.69	587506.9466	2092308.0145	179056.6189	637680.2879
8047	P.O.T - ADJUSTABLE MONUMENT	C.R. 50	38+72.12	588025.1826	2091943.7801	179214.5636	637569.2788
8049	P.C. - ADJUSTABLE MONUMENT	C.R. 50	39+12.02	588057.8268	2091920.8366	179224.5127	637562.2863
8055	P.T. - ADJUSTABLE MONUMENT	C.R. 50	41+62.16	588292.5791	2091846.4102	179296.0590	637539.6031
8058	P.O.T - ADJUSTABLE MONUMENT	C.R. 50	43+00.00	588430.4148	2091846.2158	179338.0677	637539.5438
8059	P.C. - ADJUSTABLE MONUMENT	S. ELM ST.	22+95.61	586824.4235	2091894.7679	178848.6039	637554.3412
8060	P.T. - ADJUSTABLE MONUMENT	S. ELM ST.	24+34.26	586947.9719	2091841.4923	178886.2582	637538.1042
8061	P.O.T - ADJUSTABLE MONUMENT	S. ELM ST.	27+00.00	587213.6769	2091845.8425	178967.2381	637539.4300
8062	P.O.T - ADJUSTABLE MONUMENT	N. ELM ST.	31+00.00	587613.6600	2091847.3674	179089.1424	637539.8948
8063	P.C. - ADJUSTABLE MONUMENT	N. ELM ST.	33+46.70	587860.3634	2091847.0195	179164.3310	637539.7888
8064	P.T. - ADJUSTABLE MONUMENT	N. ELM ST.	34+75.48	587976.3301	2091894.9475	179199.6746	637554.3960
8065	P.C. - ADJUSTABLE MONUMENT	"A" STREET	10+38.47	588035.1024	2091980.9543	179217.5869	637580.6086
8066	P.T. - ADJUSTABLE MONUMENT	"A" STREET	12+13.08	587979.0733	2092135.0842	179200.5107	637627.5833
8067	P.O.T - ADJUSTABLE MONUMENT	"A" STREET	13+00.00	587907.9636	2092185.0625	179178.8383	637642.8154

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