

SYMMES

U.S. Coast and Geodetic Survey Triangulation Stations & Bench Marks

2117

KEMPER AND SNIDER ROADS. MARK IS 20.3' N OF THE CENTER LINE OF KEMPER RD.; 33.3' E OF THE CENTER LINE OF SNIDER ROAD; AND 7.0' SE OF A ROAD SIGN POST. NO AZIMUTH POINT RECORDED.

Coordinate:	N	469,986.619	ft.	To Azimuth:		Condition:	MISSING
	E	1,448,901.625	ft.	Azimuth:	000 ° 00 ' 00 "	Recovery Date:	2005
Elevation:		834.	ft.	Azimuth:		VDatum:	1929 HDatum: 1983
Convergence:		-1 09 53.08		Scale Factor:	0.99993769		

2140

SEVEN GABLES RD., 0.10 MI. W. OF MASON RD. MARK IS 59.7' N. OF CL OF SEVEN GABLES RD., 21.5' SE OF POLE NO. H73363, AND 83.3' E. OF THE PRODUCED E. LINE F A 1-1/3 STORY SHINGLE BUILDING NO. 11711.

Coordinate:	N	472,478.830	ft.	To Azimuth:	2141-2	Condition:	MISSING
	E	1,453,879.036	ft.	Azimuth:	075 ° 18 ' 51 "	Recovery Date:	2005
Elevation:		827.14	ft.	Azimuth:	438.98	VDatum:	1929 HDatum: 1983*
Convergence:		-1 09 13.33		Scale Factor:	0.99993746		

2141-2

STATION 2141-2 IS AN EXISTING CITY OF CINCINNATI BENCH MARK LOCATED ON THE SOUTH SIDE OF SEVEN GABLES ROAD, WEST OF MASON ROAD AND MASON RD. MARK IS 16.6 FEET SOUTH OF THE CENTER OF SEVEN GABLES ROAD, 75 FEET WEST OF THE CENTER OF MASON ROAD, AND 10.4 FEET EAST OF A FIRE HYDRANT. MARK IS PAIRED WITH STATION 8430.

Coordinate:	N	472,589.867	ft.	To Azimuth:	2140	Condition:	FOUND
	E	1,454,303.907	ft.	Azimuth:	255 ° 18 ' 51 "	Recovery Date:	2005
Elevation:		826.45	ft.	Azimuth:	438.98	VDatum:	1929 HDatum: 1983
Convergence:		-1 09 09.92		Scale Factor:	0.99993745		

2142

FIELDS ERTEL RD. 0.35 MI. W. OF MASON RD. MARK IS 14.2' S. OF THE CL, 7/0' N. OF W. WIRE FENCE, AND 22.0' W. OF THE PRODUCED CL OF W. GRAVEL DRIVEWAY TO PROPERTY OF J. D. DUNCAN.

Coordinate:	N	476,109.103	ft.	To Azimuth:	2143	Condition:	MISSING
	E	1,452,732.954	ft.	Azimuth:	274 ° 01 ' 53 "	Recovery Date:	2004
Elevation:		864.62	ft.	Azimuth:	3,308.7	VDatum:	1929 HDatum: 1983*
Convergence:		-1 09 23.16		Scale Factor:	0.99993717		

2143

FIELDS ERTEL ROAD AT SNIDER ROAD. MARK IS IN THE NORTHWEST CORNER 22.8' NORTH OF THE CENTERLINE OF FIELDS ERTEL ROAD AND 29.2' WEST OF THE CENTERLINE OF SNIDER ROAD.

Coordinate:	N	476,341.429	ft.	To Azimuth:	8051AZ	Condition:	MISSING
	E	1,449,432.918	ft.	Azimuth:	094 ° 08 ' 34 "	Recovery Date:	2005
Elevation:		863.38	ft.	Azimuth:	3,584.44	VDatum:	1929 HDatum: 1983
Convergence:		-1 09 49.83		Scale Factor:	0.99993716		

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2173

LOVELAND RD. 1.0 MI. E. OF S.R. 126. MARK IS 20.0' S. OF THE CL, 61.2' E. OF THE E. END OF A GUARD RAIL, AND 31.4' NE OF POLE NO. 315.

Coordinate:	N	454,237.059	ft.	To Azimuth:	2174	Condition:	MISSING
	E	1,455,909.903	ft.	Azimuth:	038 ° 13 ' 33 "	Recovery Date:	2005
Elevation:		625.14	ft.	Azimuth:	876.6	VDatum:	1929 HDatum: 1983*
Convergence:		-1 08 53.99		Scale Factor:	0.99993937		

2174

LOVELAND RD., 1.1 MI. E. OF S.R. 126. MARK IS 7.7' N. OF THE CL AND 17.7 W. OF POLE NO. 319.

Coordinate:	N	454,925.704	ft.	To Azimuth:	2173	Condition:	MISSING
	E	1,456,452.312	ft.	Azimuth:	218 ° 13 ' 33 "	Recovery Date:	2005
Elevation:		590.78	ft.	Azimuth:	876.6	VDatum:	1929 HDatum: 1983*
Convergence:		-1 08 49.73		Scale Factor:	0.99993929		

2182

GIVEN RD., 0.30 MI. N. OF KELLER RD. MARK IS 3.3' E. OF THE E. EDGE OF THE PAVEMENT, 46.8' NE OF THE POLE NO. H27924, AND 64.4' N. OF THE PRODUCED N. LINE OF A 1 STORY BRICK HOUSE NO. 8655. NO AZIMUTH POINT RECORDED.

Coordinate:	N	446,588.064	ft.	To Azimuth:		Condition:	MISSING
	E	1,451,829.411	ft.	Azimuth:	000 ° 00 ' 00 "	Recovery Date:	2005
Elevation:		795.79	ft.	Azimuth:		VDatum:	1929 HDatum: 1983*
Convergence:		-1 09 25.64		Scale Factor:	0.99994042		

2185

LOVELAND - MADEIRA RD. 1.10 MI. SW OF S.R. 126. MARK IS 9.5' E. OF THE E. EDGE OF THE PAVEMENT, 77.0' N. OF POLE NO. X18-17E, AND 43.9' S. OF THE S. END OF THE GUARD RAIL

Coordinate:	N	447,159.514	ft.	To Azimuth:	2186	Condition:	MISSING
	E	1,448,885.278	ft.	Azimuth:	014 ° 21 ' 48 "	Recovery Date:	2005
Elevation:		614.9	ft.	Azimuth:	922.97	VDatum:	1929 HDatum: 1983*
Convergence:		-1 09 49.71		Scale Factor:	0.99994034		

2186

LOVELAND-MADEIRA RD. 0.95 MI. SW OF S.R. 126. MARK IS 14.0' W. OF THE W. EDGE OF THE PAVEMENT, 3.5' S. OF THE CORNER OF W. RAIL FENCE, AND 60.0' NE OF THE PRODUCED NE LINE OF A 2 STORY STONE HOUSE NO. 8775. BENCHMARK HAS A BROKEN HEAD.

Coordinate:	N	448,053.637	ft.	To Azimuth:	2185	Condition:	MISSING
	E	1,449,084.235	ft.	Azimuth:	194 ° 21 ' 48 "	Recovery Date:	2005
Elevation:		596.06	ft.	Azimuth:	922.97	VDatum:	1929 HDatum: 1983*
Convergence:		-1 09 48.01		Scale Factor:	0.99994022		

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2187

LOVELAND-MADEIRA ROAD APPROX. 0.15 MILE SOUTH OF GLENDALE-MADEIRA ROAD. MARK IS 15.4' WEST OF THE C/L; 31.0' SOUTH OF POLE #H 56691; 17.1' SOUTH OF THE NORTH END OF THE CONC. CURB AND GUTTER ON THE WEST SIDE OF LOVELAND-MADEIRA ROAD; AND 11.0' NORTH OF THE PRODUCED NORTH LINE OF A 2 STY. CONC. BLOCK HSE. #9301.

Coordinate:	N	451,516.674	ft.	To Azimuth:	2188	Condition:	FOUND
	E	1,450,856.401	ft.	Azimuth:	039 ° 33 ' 28 "	Recovery Date:	2005
Elevation:		595.66	ft.	Azimuth:	720.6	VDatum:	1929 HDatum: 1983
Convergence:		-1 09 34.29		Scale Factor:	0.99993974		

2188

GLENDALE-MILFORD ROAD AND LOVELAND-MADEIRA ROAD. MARK IS IN THE SW CORNER; 26.6' S OF THE C/L OF GLENDALE-MILFORD ROAD; 30.2' W OF THE C/L OF LOVELAND-MADEIRA ROAD; 23.6' N OF POLE #566.87; AND 2.0' SE OF THE S END OF A CONC. CULVERT HEADWALL.

Coordinate:	N	452,072.282	ft.	To Azimuth:	2187	Condition:	MISSING
	E	1,451,315.295	ft.	Azimuth:	219 ° 33 ' 28 "	Recovery Date:	2005
Elevation:		596.92	ft.	Azimuth:	720.6	VDatum:	1929 HDatum: 1983
Convergence:		-1 09 30.68		Scale Factor:	0.99993967		

2189

STATION 2189 IS AN EXISTING CITY OF CINCINNATI BENCH MARK LOCATED ON THE SOUTH SIDE OF REMINGTON ROAD, 0.45 MILE EAST OF MAIN STREET IN MONTGOMERY. MARK IS A BRASS DISC SET IN CONCRETE, 25.4 FEET SOUTH OF THE CENTER OF REMINGTON ROAD, 54.4 FEET EAST OF THE CENTER OF AN ASPHALT DRIVE TO HOUSE # 8125, 15.1 FEET EAST OF POLE #T154544, AND 42.3 FEET NORTHWEST OF POLE # W20-187E. MARK IS PAIRED WITH STATION 8384.

Coordinate:	N	452,468.040	ft.	To Azimuth:	2190	Condition:	FOUND
	E	1,446,036.853	ft.	Azimuth:	267 ° 06 ' 36 "	Recovery Date:	2005
Elevation:		785.97	ft.	Azimuth:	1,595.71	VDatum:	1929 HDatum: 1983
Convergence:		-1 10 13.30		Scale Factor:	0.99993963		

2529

HUMPHREY RD. 1.0 MI. N. OF LOVELAND - MADEIRA RD. MARK IS ON THE OUTSIDE ANGLE OF A 90 DEGREE TURN IN THE ROAD, 17.1' E. F THE CL, 51.2' SE OF POLE NO. H46975, AND 86.4' E. OF POLE NO. H46974.

Coordinate:	N	455,435.747	ft.	To Azimuth:	2528	Condition:	MISSING
	E	1,455,416.079	ft.	Azimuth:	272 ° 05 ' 04 "	Recovery Date:	2005
Elevation:		721.91	ft.	Azimuth:	485.55	VDatum:	1929 HDatum: 1983*
Convergence:		-1 08 58.16		Scale Factor:	0.99993923		

2530

HOPEWELL RD. 0.65 MI. W. OF WEIL RD. MARK IS 19.0' N. OF THE CL, 68.5' NW OF POLE NO. X22-37E, AND 38.4' E. OF THE CL OF THE GRAVEL DRIVE TO HOUSE NO. 8550.

Coordinate:	N	458,535.067	ft.	To Azimuth:	2531	Condition:	MISSING
	E	1,450,171.563	ft.	Azimuth:	120 ° 02 ' 03 "	Recovery Date:	2005
Elevation:		754.65	ft.	Azimuth:	667.47	VDatum:	1929 HDatum: 1983*
Convergence:		-1 09 40.96		Scale Factor:	0.99993887		

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2531

HOPEWELL RD. 0.50 MI. W. OF WEIL RD. MARK IS 18.2' N. OF THE CL, 64.6' E. OF POLE NO. H45742, 69.0' W. OF POLE NO. H45743, AND 50.2' NW OF POLE NO. H21-9E.

Coordinate:	N	458,200.693 ft.	To Azimuth:	2530	Condition:	FOUND
	E	1,450,749.183 ft.	Azimuth:	300 ° 02 ' 03 "	Recovery Date:	2005
Elevation:		720.75 ft.	Azimuth:	667.47 ft.	VDatum:	1929 HDatum: 1983
Convergence:		-1 09 36.25	Scale Factor:	0.99993891		

2532

HOPEWELL AND HUMPHREY RD. MARK IS IN THE SE CORNER, 17.3' S. OF THE CL OF HOPEWELL RD., 17.0' W. OF POLE NO. H52314, 34.8' N. OF POLE NO. H52313 RT, AND 49.0' W. OF THE PRODUCED W. LINE OF A 1 STORY BRICK HOUSE NO. 10392 HUMPHREY RD.

Coordinate:	N	459,458.404 ft.	To Azimuth:	2533	Condition:	MISSING
	E	1,455,888.418 ft.	Azimuth:	062 ° 33 ' 22 "	Recovery Date:	2005
Elevation:		734.55 ft.	Azimuth:	674.99 ft.	VDatum:	1929 HDatum: 1983*
Convergence:		-1 08 55.00	Scale Factor:	0.99993875		

2533

HOPEWELL RD. 0.15 MI. E. OF HUMPHREY RD. MARK IS 19.0' N. OF THE CL, 51.5' NE OF POLE NO. H52317, 69.8' NW OF A MAILBOX (M. H. FAULKNER), AND 8.4' W. OF THE PRODUCED W. LINE OF A 2 STORY FRAME HOUSE. BENCH MARK IS RECORDED AS BEING DESTROYED.

Coordinate:	N	459,769.498 ft.	To Azimuth:	2532	Condition:	MISSING
	E	1,456,487.448 ft.	Azimuth:	242 ° 33 ' 22 "	Recovery Date:	2005
Elevation:		733.78 ft.	Azimuth:	674.99 ft.	VDatum:	1929 HDatum: 1983*
Convergence:		-1 08 50.23	Scale Factor:	0.99993871		

2534

WELLER AND WEIL RDS. MARK IS 6' E. OF THE PRODUCED CL OF WELLER RD., 6' S. OF THE CL OF WEIL RD., 6.5' W. OF POLE NO. H44016 AND 49.1' SE OF A HAMILTON CO. ROAD SIGN.

Coordinate:	N	462,571.831 ft.	To Azimuth:	2535	Condition:	FOUND
	E	1,452,402.296 ft.	Azimuth:	005 ° 21 ' 19 "	Recovery Date:	2005
Elevation:		748.36 ft.	Azimuth:	1,768.94 ft.	VDatum:	1929 HDatum: 1983
Convergence:		-1 09 23.63	Scale Factor:	0.99993842		

2535

WELLER RD. APPROXIMATELY 0.3 MI. N. OF WEIL RD. MARK IS ON THE OUTSIDE OF A SHARP TURN, 5' E. OF THE CL OF WELLER RD. PRODUCED TO THE N., 14.1' N. OF THE CL OF WELLER RD. PRODUCED TO THE W. AND 14.7 W. OF POLE NO. H69675 RE.

Coordinate:	N	464,333.107 ft.	To Azimuth:	2534	Condition:	FOUND
	E	1,452,567.468 ft.	Azimuth:	185 ° 21 ' 19 "	Recovery Date:	2005
Elevation:		760.72 ft.	Azimuth:	1,768.94 ft.	VDatum:	1929 HDatum: 1983
Convergence:		-1 09 22.58	Scale Factor:	0.99993823		

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2538

MCKINNEY RD. APPROXIMATELY 0.15 MI. E. OF ENYART RD. MARK IS 11.6' S. OF THE CL OF MCKINNEY RD., 66.7' SW OF A MAILBOX (JONES), 31.3' SW OF A POLE NO. H64915, 71.5' SE OF A MAILBOX (P.E. RUDOLPH) AND 5.3' N. OF AND ON A FENCE LINE. NO AZIMUTH POINT RECORDED.

Coordinate: N 466,890.709 ft. To Azimuth: Condition: MISSING  
 E 1,457,978.624 ft. Azimuth: 000 ° 00 ' 00 " Recovery Date: 2005  
 Elevation: 767. ft. Azimuth: ft. VDatum: 1929 HDatum: 1983\*  
 Convergence: -1 08 39.35 Scale Factor: 0.99993796

2540

STATE ROUTE 126 APPROXIMATELY 0.1 MI. S. OF EAST GALBRAITH RD. MARK IS 15' W. OF THE CL OF STATE ROUTE 126 AND 30.6' N. OF POLE NO. H25482.

Coordinate: N 437,871.539 ft. To Azimuth: 2541 Condition: MISSING  
 E 1,460,534.218 ft. Azimuth: 023 ° 57 ' 16 " Recovery Date: 2005  
 Elevation: 569.84 ft. Azimuth: 431.59 ft. VDatum: 1929 HDatum: 1983\*  
 Convergence: -1 08 14.09 Scale Factor: 0.99994172

2541

STATE ROUTE 126 AND EAST GALBRAITH RD. MARK IS IN THE S. ANGLE FORMED BY THE INTERSECTION, 20.8' W. OF THE CL OF STATE ROUTE 126, 21.3' SE OF THE CL OF EAST GALBRAITH RD. AND 4.7' N. OF A ROAD NAME SIGN.

Coordinate: N 438,265.951 ft. To Azimuth: 2540 Condition: MISSING  
 E 1,460,709.447 ft. Azimuth: 203 ° 57 ' 16 " Recovery Date: 2005  
 Elevation: 566.89 ft. Azimuth: 431.59 ft. VDatum: 1929 HDatum: 1983\*  
 Convergence: -1 08 12.74 Scale Factor: 0.99994166

2542

STATE ROUTE 126 APPROXIMATELY 0.3 MI. S. OF THE CLERMONT - HAMILTON CO. LINE IN THE VICINITY OF MIAMIVILLE. MARK IS 15' E. OF THE CL OF STATE ROUTE 126 AND 98' N. OF POLE NO. 1678.

Coordinate: N 444,872.219 ft. To Azimuth: 2543 Condition: MISSING  
 E 1,461,180.951 ft. Azimuth: 328 ° 37 ' 30 " Recovery Date: 2005  
 Elevation: 571.37 ft. Azimuth: 880.56 ft. VDatum: 1929 HDatum: 1983\*  
 Convergence: -1 08 09.99 Scale Factor: 0.99994064

2543

STATE ROUTE 126 APPROXIMATELY 0.1 MI. S. OF THE CLERMONT-HAMILTON CO. LINE IN THE VICINITY OF MIAMIVILLE. MARK IS 15' E. OF THE CL OF STATE ROUTE 126, 12.1' N. OF THE PRODUCED S. LINE OF A 2 STORY FRAME HOUSE NO. 8520, 61.9' W. OF THE FRONT (W. SIDE) OF SAID HOUSE AND 44.5' N. OF POLE NO. 1675.

Coordinate: N 445,624.015 ft. To Azimuth: 2542 Condition: MISSING  
 E 1,460,722.499 ft. Azimuth: 148 ° 37 ' 30 " Recovery Date: 2005  
 Elevation: 562.84 ft. Azimuth: 880.56 ft. VDatum: 1929 HDatum: 1983\*  
 Convergence: -1 08 13.81 Scale Factor: 0.99994053

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2544

LEBANON RD. APPROXIMATELY 0.5 MI. S. OF FIELDS ERTEL RD. MARK IS AT A CURVE IN THE ROAD 19.5' E. OF THE CL OF LEBANON RD., 40'. E. OF POLE NO. H38133 AND 24.9' SE OF POLE NO. H38134.

Coordinate:	N	472,584.967 ft.	To Azimuth:	2545	Condition:	MISSING
	E	1,463,798.004 ft.	Azimuth:	003 ° 47 ' 17 "	Recovery Date:	2005
Elevation:		795.68 ft.	Azimuth:	1,646.23 ft.	VDatum:	1929 HDatum: 1983*
Convergence:		-1 07 53.31	Scale Factor:	0.99993743		

2545

LEBANON RD. APPROXIMATELY 0.1 MI. S. OF FIELDS ERTEL RD. MARK IS 15.5' W. OF THE CL OF LEBANON RD., 35' NW OF POLE NO. H38148, AND 98.5' N. OF POLE NO. H38147.

Coordinate:	N	474,227.632 ft.	To Azimuth:	2544	Condition:	MISSING
	E	1,463,906.756 ft.	Azimuth:	183 ° 47 ' 17 "	Recovery Date:	2005
Elevation:		821.05 ft.	Azimuth:	1,646.23 ft.	VDatum:	1929 HDatum: 1983*
Convergence:		-1 07 52.70	Scale Factor:	0.9999373		

2547

KEMPER AND MCKINNEY RDS. MARK IS 32.8' SW OF THE CL OF KEMPER RD., TO THE SE, 3.6' NW OF A POLE AND 27.2' SE OF THE INTERSECTION OF THE CL OF MCKINNEY RD. WITH THE CL OF KEMPER RD. TO THE NW. NO AZIMUTH POINT RECORDED.

Coordinate:	N	464,983.599 ft.	To Azimuth:		Condition:	MISSING
	E	1,456,310.541 ft.	Azimuth:	000 ° 00 ' 00 "	Recovery Date:	2005
Elevation:		739.88 ft.	Azimuth:	ft.	VDatum:	1929 HDatum: 1983*
Convergence:		-1 08 52.50	Scale Factor:	0.99993815		

2548

STATION 2548 IS AN EXISTING CITY OF CINCINNATI BENCH MARK LOCATED ON THE OUTSIDE OF A RIGHT ANGLE BEND IN ENYART ROAD, 1.1 MILE SOUTH AND EAST OF MONTGOMERY ROAD. MARK IS 3 FEET EAST OF THE PRODUCED CENTER OF ENYART ROAD FROM THE SOUTH, 10.2 FEET NORTH OF THE PRODUCED CENTER OF ENYART ROAD FROM THE WEST, 22.3 FEET WEST OF POLE # Y25-4E, AND 79.8 FEET EAST OF POLE # Y25-77E. MARK IS PAIRED WITH STATION 8-13.

Coordinate:	N	469,330.585 ft.	To Azimuth:	2549	Condition:	FOUND
	E	1,457,258.671 ft.	Azimuth:	275 ° 09 ' 21 "	Recovery Date:	2005
Elevation:		790.34 ft.	Azimuth:	1,577.39 ft.	VDatum:	1929 HDatum: 1983
Convergence:		-1 08 45.55	Scale Factor:	0.99993774		

2549

ENYART RD. APPROXIMATELY 0.8 MI. S. OF MONTGOMERY RD. MARK IS ON THE OUTSIDE OF A CURVE IN ENYART RD. 11.9' S. OF THE CL PRODUCED TO THE W., 13.4' W. OF THE CL PRODUCED TO THE S., 15.3' N. OF A BRICK COLUMN ON THE W. SIDE OF A GRAVEL DRIVE AND 23.7' NW OF A BRICK COLUMN ON THE E SIDE OF SAID DRIVE. BENCH MARK IS RECORDED AS BEING DESTROYED.

Coordinate:	N	469,472.574 ft.	To Azimuth:	2548	Condition:	MISSING
	E	1,455,687.766 ft.	Azimuth:	095 ° 09 ' 02 "	Recovery Date:	2005
Elevation:		794.76 ft.	Azimuth:	1,577.39 ft.	VDatum:	1929 HDatum: 1983*
Convergence:		-1 08 58.25	Scale Factor:	0.99993772		

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2550

STATION 2550 IS AN EXISTING CITY OF CINCINNATI BENCH MARK LOCATED AT THE NORTHEAST CORNER OF LEBANON ROAD AND UNION CEMETARY ROAD. MARK IS 21.8 FEET EAST OF THE CENTER OF LEBANON ROAD, 8.8 FEET NORTH OF THE PRODUCED CENTER OF UNION CEMETARY ROAD, 25.8 FEET NORTH OF POLE # Z25-39E, AND 48 FEET SOUTHEAST OF POLE # H38122. MARK IS PAIRED WITH STATION 8418.

Coordinate:	N	471,456.922 ft.	To Azimuth:		Condition:	FOUND
	E	1,463,473.611 ft.	Azimuth:	000 ° 00 ' 00 "	Recovery Date:	2005
Elevation:		797.68 ft.	Azimuth:	ft.	VDatum:	1929 HDatum: 1983
Convergence:		-1 07 55.75	Scale Factor:	0.99993754		

2552

STATION 2552 IS A EXISTING CITY OF CINCINNATI BENCH MARK, LOCATED ON THE NORTHEAST SIDE OF UNION CEMETARY ROAD, 0.7 MILE EAST OF MONTGOMERY ROAD. MARK IS 20 FEET NORTHEAST OF THE CENTER OF UNION CEMETARY ROAD, AND 28 FEET SOUTH EAST OF POLE # H47745. MARK IS PAIRED WITH STATION 8431.

Coordinate:	N	472,528.083 ft.	To Azimuth:	2553	Condition:	FOUND
	E	1,460,263.382 ft.	Azimuth:	320 ° 57 ' 04 "	Recovery Date:	2005
Elevation:		781.66 ft.	Azimuth:	457.57 ft.	VDatum:	1929 HDatum: 1983
Convergence:		-1 08 21.82	Scale Factor:	0.99993745		

2553

UNION CEMETERY RD. APPROXIMATELY 0.6 MI. E. OF MONTGOMERY RD. MARK IS 15.3' NO. OF THE CL OF UNION CEMETERY RD. PRODUCED TO THE E., 24' E. OF POLE NO. H47748, 54' NW OF POLE NO. H47747, 24.5' SE OF A FENCE CORNER AND 2.5' S. OF A FENCE LINE.

Coordinate:	N	472,884.744 ft.	To Azimuth:	2552	Condition:	MISSING
	E	1,459,975.296 ft.	Azimuth:	140 ° 57 ' 04 "	Recovery Date:	2005
Elevation:		798.69 ft.	Azimuth:	457.57 ft.	VDatum:	1929 HDatum: 1983*
Convergence:		-1 08 24.20	Scale Factor:	0.99993742		

2556

FIELDS ERTEL RD. APPROXIMATELY 0.1 MI. W. OF RICH RD. MARK IS ON THE PRODUCED E. LINE OF A 1 STORY CONCRETE BOCK HOUSE NO. 924, 18.5' S. OF THE CL OF FIELDS ERTEL RD., 59.4' SW OF POLE NO. W5326 RE, AND 1' N OF A FENCE LINE.

Coordinate:	N	474,324.782 ft.	To Azimuth:	2557	Condition:	MISSING
	E	1,467,562.943 ft.	Azimuth:	093 ° 35 ' 06 "	Recovery Date:	2005
Elevation:		740.65 ft.	Azimuth:	569.63 ft.	VDatum:	1929 HDatum: 1983*
Convergence:		-1 07 23.20	Scale Factor:	0.99993729		

2557

NE CORNER OF FIELDS ERTEL AND RICH RDS. MARK IS 20' N. OF THE CL OF FIELDS ERTEL ROAD., 20' E. OF THE CL OF RICH RD. AND 2' SE OF A HAMILTON-WARREN CO. LINE POST. THE BENCH MARK IS RECORDED AS DESTROYED.

Coordinate:	N	474,289.166 ft.	To Azimuth:	2556	Condition:	MISSING
	E	1,468,131.464 ft.	Azimuth:	273 ° 35 ' 06 "	Recovery Date:	2005
Elevation:		728.54 ft.	Azimuth:	569.63 ft.	VDatum:	1929 HDatum: 1983*
Convergence:		-1 07 18.62	Scale Factor:	0.99993729		

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2558

STATION 2558 IS AN EXISTING CITY OF CINCINNATI BENCH MARK, LOCATED AT THE SOUTH WEST CORNER OF FALLIS ROAD AND RIVEROAKS DRIVE. MARK IS 17.4 FEET SOUTH OF THE CENTER OF FALLIS ROAD, 28.8 FEET WEST OF THE PRODUCED CENTER OF RIVEROAKS DRIVE, 55.6 FEET NORTHWEST OF A POLE, AND 38.7 FEET SOUTHEAST OF THE SOUTHEAST CORNER OF A CATCH BASIN. MARK IS PAIRED WITH STATION 8410.

Coordinate:	N	470,520.568 ft.	To Azimuth:		Condition:	FOUND
	E	1,467,602.231 ft.	Azimuth:	000 ° 00 ' 00 "	Recovery Date:	2005
Elevation:		715.63 ft.	Azimuth:	ft.	VDatum:	1929 HDatum: 1983
Convergence:		-1 07 22.29	Scale Factor:	0.99993761		

2560

STATION 2560 IS A EXISTING CITY OF CINCINNATI BENCH MARK LOCATED ON THE SOUTH SIDE OF LOVELAND - MADEIRA ROAD AT LEBANON ROAD. MARK IS A BRASS DISC SET IN CONCRETE, BETWEEN THE SOUTH CURB OF LOVELAND - MADEIRA ROAD AND A STEEL GUARDRAIL, 15.9 FEET WEST OF THE CENTER OF LEBANON ROAD, 62.9 FEET OF A METAL TRAFFIC LIGHT POLE, AND 17.6 FEET NORTH EAST OF POLE # H64148RE. MARK IS PAIRED WITH STATION 8391

Coordinate:	N	462,383.335 ft.	To Azimuth:	2561	Condition:	MISSING
	E	1,461,710.095 ft.	Azimuth:	087 ° 09 ' 13 "	Recovery Date:	2004
Elevation:		599.41 ft.	Azimuth:	685.87 ft.	VDatum:	1929 HDatum: 1983
Convergence:		-1 08 08.53	Scale Factor:	0.99993842		

2561

LOVELAND ROAD APPROXIMATELY 0.1 MILES EAST OF LEBANON ROAD. MARK IS 240.5' EAST OF THE PRODUCED EAST LINE OF A CONCRETE BLOCK BARN, 21.5' NORTH OF THE C/L OF LOVELAND ROAD, 21.5 WEST OF A STONE CULVERT WALL AND 24' WEST OF AN INLET. BENCHMARK IS NOTED AS BEING DESTROYED.

Coordinate:	N	462,418.008 ft.	To Azimuth:	2560	Condition:	MISSING
	E	1,462,400.595 ft.	Azimuth:	067 ° 09 ' 13 "	Recovery Date:	2005
Elevation:		601.65 ft.	Azimuth:	685.87 ft.	VDatum:	1929 HDatum: 1983*
Convergence:		-1 08 02.96	Scale Factor:	0.99993841		

2564

LOVELAND AVE. AND WALL ST. MARK IS 1' NORTH OF THE NORTH CURB OF LOVELAND AVE., 10' EAST OF THE EAST CURB OF WALL ST. AND 17' WEST OF THE PRODUCED WEST LINE OF A 2 STORY FRAME HOUSE.

Coordinate:	N	467,067.182 ft.	To Azimuth:	2565	Condition:	MISSING
	E	1,469,204.092 ft.	Azimuth:	276 ° 06 ' 11 "	Recovery Date:	2005
Elevation:		599.49 ft.	Azimuth:	547.69 ft.	VDatum:	1929 HDatum: 1983*
Convergence:		-1 07 08.82	Scale Factor:	0.99993792		

2565

LOVELAND AVE. AND ELM ST. MARK IS 20' NORTH OF THE CL OF LOVELAND AVE. AND 28' EAST OF THE CL OF ELM STREET. BENCHMARK IS NOTED AS BEING DESTROYED.

Coordinate:	N	467,125.409 ft.	To Azimuth:	2564	Condition:	MISSING
	E	1,468,659.501 ft.	Azimuth:	096 ° 06 ' 11 "	Recovery Date:	2005
Elevation:		594.42 ft.	Azimuth:	547.69 ft.	VDatum:	1929 HDatum: 1983*
Convergence:		-1 07 13.22	Scale Factor:	0.99993792		



SYMMES

U.S. Coast and Geodetic Survey Triangulation Stations & Bench Marks

4007

FIELDS-ERTEL ROAD APPROX. 0.3 MILE E OF SNIDER ROAD. MARK IS 21.8' S OF THE CENTERLINE OF FIELDS-ERTEL ROAD; ON THE PRODUCED W LINE OF A 1-1/2 STY. STUCCO HOUSE #8430 AND HOUSE #5714; ON THE PRODUCED CENTERLINE OF A 10.0' GRAVEL DRIVE ON THE N SIDE OF THE ROAD; 1.0' N OF A FENCE LINE; AND 18.7' W OF THE PRODUCED E LINE OF HSES #8430 AND #5714. NO NORTHING, EASTING, AZIMUTH POINT OR BEARING RECORDED.

Coordinate:	N	ft.	To Azimuth:		Condition:	MISSING
	E	ft.	Azimuth:	000 ° 00 ' 00 "	Recovery Date:	2005
Elevation:	853.54	ft.	Azimuth:	ft.	VDatum:	1929 HDatum: 1983*
Convergence:			Scale Factor:			

8030

STATION 8030 IS LOCATED \_\_\_\_ MILES NORTHEAST ALONG MADEIRA RD. FROM THE INTERSECTION OF MADEIRA ROAD AND MORGANTRACE DR. SOUTHWEST OF I-275 CROSSING 8.6' NORTHWEST FROM WEST EDGE OF MADEIRA ROAD, 22.1' SOUTHWEST FROM CENTER OF SANITARY SEWER MANHOLE AND 62.4' WEST FROM I-275 JCT. SIGN. MONUMENT IS CONCRETE WITH ALUM. CAP SET FLUSH WITH GROUND STAMPED 8030 1990.

Coordinate:	N	455,772.630	ft.	To Azimuth:		Condition:	MISSING
	E	1,457,482.585	ft.	Azimuth:	000 ° 00 ' 00 "	Recovery Date:	2005
Elevation:	590.97	ft.	Azimuth:	ft.	VDatum:	1929 HDatum: 1983	
Convergence:	-1 08 41.56		Scale Factor:	0.99993918			

8030 AZ

STATION 8030 AZ IS LOCATED AT THE EASTBOUND I-275 EXIT RAMP TO MADEIRA ROAD, 13.9' NORTHWEST FROM WEST EDGE OF MADEIRA ROAD AND 36.0' NORTHEAST FROM EDGE OF EXIT RAMP. MONUMENT IS A ALUM. CAP SET FLUSH ON NORTHWEST CORNER OF CONCRETE FOUNDATION FOR SIGN POST. STAMPED 8030 AZ 1990. NO NORTHING, EASTING OR ELEVATION RECORDED.

Coordinate:	N	ft.	To Azimuth:		Condition:	MISSING
	E	ft.	Azimuth:	000 ° 00 ' 00 "	Recovery Date:	2005
Elevation:	ft.		Azimuth:	ft.	VDatum:	1929 HDatum: 1983
Convergence:			Scale Factor:			

8046

STATION 8046 IS LOCATED IN NORTHEAST CORNER OF INTERSECTION OF LOVELAND AND S.R. 126. 1.7' NORTHEAST FROM BACK OF CURB, 17.0' EAST FROM A METAL POST AND 61.1' SOUTHWEST FROM A POWER POLE. MONUMENT IS CONCRETE WITH ALUM. CAP SET FLUSH WITH GROUND AND STAMPED 8046 1990.

Coordinate:	N	452,145.296	ft.	To Azimuth:	8046A	Condition:	MISSING
	E	1,451,497.619	ft.	Azimuth:	257 ° 22 ' 43 "	Recovery Date:	2005
Elevation:	588.94	ft.	Azimuth:	959.59	ft.	VDatum:	1929 HDatum: 1983
Convergence:	-1 09 29.22		Scale Factor:	0.99993966			

8046 AZ

STATION 8046 AZ IS LOCATED WEST ALONG SR 126 0.15 MILES FROM THE INTERSECTION OF SR 126 AND LOVELAND ROAD, 3.5' SOUTH FROM SOUTH EDGE OF SR 126, 9.1' NORTHEAST FROM A FIRE HYDRANT AND 13.7' SOUTHEAST FROM A SIGN "WELCOME TO SYMMES TOWNSHIP". MONUMENT IS CONCRETE WITH ALUM. CAP SET 2" BELOW GROUND STAMPED 8046 AZ 1990. NO NORTHING, EASTING OR ELEVATION RECORDED.

Coordinate:	N	ft.	To Azimuth:		Condition:	FOUND
	E	ft.	Azimuth:	000 ° 00 ' 00 "	Recovery Date:	2005
Elevation:	ft.		Azimuth:	ft.	VDatum:	1929 HDatum: 1983
Convergence:			Scale Factor:			

SYMMES

U.S. Coast and Geodetic Survey Triangulation Stations & Bench Marks

8049

STATION 8049 IS LOCATED AT THE NORTHWEST CORNER OF THE INTERSECTION OF MONTGOMERY RD. (S.R. 22 & 3) AND CORNELL RD.; 53.6' NORTHWEST OF THE CENTERLINE OF MONTGOMERY RD.; 24.7' NORTH OF THE CENTERLINE OF CORNELL RD. THE MONUMENT IS SET FLUSH WITH THE GROUND AND HAS AN ALUMINUM TABLET STAMPED 8049.

Coordinate:	N	466,011.204	ft.	To Azimuth:	8049A	Condition:	FOUND
	E	1,449,201.885	ft.	Azimuth:	266 ° 25 ' 04 "	Recovery Date:	2005
Elevation:		796.7	ft.	Azimuth:	2,047.54	VDatum:	1929      HDatum: 1983
Convergence:		-1 09 50.00		Scale Factor:	0.99993807		

8050

STATION 8050 IS LOCATED IN SOUTHEAST CORNER OF INTERSTATE OF LOVELAND AVE. AND LEBANON ROAD 31.4' SOUTH FROM CENTERLINE OF LOVELAND AVE. 19.3' SOUTHEAST FROM A MANHOLE 11.9' NORTHEAST FROM A STOP SIGN AND 57.8' FROM NORTHWEST CORNER OF SIGN FOR PRINCE OF PEACE LUTHERAN CHURCH. MONUMENT IS CONCRETE WITH ALUM. CAP SET FLUSH WITH GROUND STAMPED 8050 1990.

Coordinate:	N	468,151.792	ft.	To Azimuth:	8050A	Condition:	MISSING
	E	1,463,492.779	ft.	Azimuth:	184 ° 13 ' 58 "	Recovery Date:	2005
Elevation:		770.21	ft.	Azimuth:	1,165.87	VDatum:	1929      HDatum: 1983
Convergence:		-1 07 55.07		Scale Factor:	0.99993783		

8050 AZ

STATION 8050 AZ IS LOCATED IN SOUTHEAST CORNER OF INTERSECTION OF LEBANON ROAD AND NORTH MEADOW TO CLAIBORNE SUBDIVISION, 28.5' EAST FROM CENTERLINE OF LEBANON ROAD AND 1.5' EAST FROM SOUTHWEST END OF SIDEWALK. MONUMENT IS AN ALUM. CAP SET FLUSH IN CONCRETE SIDEWALK STAMPED 8050 AZ 1990. NO NORTHING, EASTING OR ELEVATION RECORDED.

Coordinate:	N		ft.	To Azimuth:		Condition:	MISSING
	E		ft.	Azimuth:	000 ° 00 ' 00 "	Recovery Date:	2005
Elevation:			ft.	Azimuth:		VDatum:	1929      HDatum: 1983
Convergence:				Scale Factor:			

8051 AZ

STATION 8051 AZ IS LOCATED IN SOUTH CORNER OF ENTRANCE TO SYMMES SQUARE ON SOUTH SIDE OF FIELDS ERTEL ROAD 0.2 MILES EAST I-71 CROSSING, 16.3' WEST FROM CENTERLINE DRIVE AND 9.6' NORTHEAST FROM A POWER POLE. MONUMENT IS AN ALUM. CAP SET FLUSH IN TOP OF CONCRETE CURB ON WEST SIDE OF ENTRANCE TO SYMMES SQUARE STAMPED 8051 AZ 1990. NO ELEVATION RECORDED.

Coordinate:	N	476,082.509	ft.	To Azimuth:		Condition:	FOUND
	E	1,453,007.955	ft.	Azimuth:	000 ° 00 ' 00 "	Recovery Date:	2005
Elevation:			ft.	Azimuth:		VDatum:	1929      HDatum: 1983
Convergence:		-01 09 20.9		Scale Factor:	0.99993718		

8053

STATION 8053 IS LOCATED 0.3 MILES NORTH ALONG S.R. 126 FROM THE INTERSECTION OF S.R. 126 AND CUNNINGHAM ROAD WEST 5.5' EAST FROM EAST EDGE OF S.R. 126. 36.5' SOUTHWEST FROM A POWER POLE AND 48.1' NORTHEAST FROM THE NORTH GATE POST. MONUMENT IS CONCRETE WITH ALUM. CAP SET FLUSH WITH GROUND AND STAMPED 8053 1990

Coordinate:	N	443,144.076	ft.	To Azimuth:		Condition:	FOUND
	E	1,461,449.168	ft.	Azimuth:	000 ° 00 ' 00 "	Recovery Date:	2005
Elevation:		584.44	ft.	Azimuth:		VDatum:	1929      HDatum: 1983
Convergence:		-1 8 7.555		Scale Factor:	0.9999409		

SYMMES

U.S. Coast and Geodetic Survey Triangulation Stations & Bench Marks

8053 AZ

STATION 8053 AZ. IS LOCATED 0.1 MILE NORTH ALONG S.R. 126 FROM INTERSECTION OF S.R. 126 AND CUNNINGHAM ROAD WEST. 4.9' WEST FROM WEST EDGE OF S.R. 126. 4.2' NORTH EAST FROM SIGN (CAMP DENNISON) AND 19.3' NORTH EAST FROM A TEL. POLE. MONUMENT IS CONCRETE WITH ALUM. CAP SET FLUSH WITH GROUND STANPED 8053 AZ 1990

Coordinate: N                   ft.                   To Azimuth:                   Condition:           FOUND  
                   E                   ft.                   Azimuth: 000 ° 00 ' 00 "                   Recovery Date:   2005  
 Elevation:                   ft.                   Azimuth:                   ft.                   VDatum:                HDatum:  
 Convergence:                   Scale Factor:

8054

STATION 8054 IS LOCATED 300' & NORTHEAST ALONG CAMARGO ROAD FROM INTERSECTION CAMARGO ROAD AND GIVEN ROAD 3.0' SOUTHEAST FROM SOUTH EDGE OF CAMARGO ROAD 26.1' NORTHEAST FROM A TELEPHONE POLE AND 64.1' SOUTHEAST FROM A POWER POLE. MONUMENT IS CONCRETE WITH ALUM. CAP. SET FLUSH WITH GROUND STAMPED 8054 1990.

Coordinate: N           443,287.644 ft.           To Azimuth:                   Condition:           FOUND  
                   E           1,451,732.983 ft.           Azimuth: 000 ° 00 ' 00 "                   Recovery Date:   2005  
 Elevation:               821.37 ft.           Azimuth:                   ft.                   VDatum:   1929       HDatum: 1983  
 Convergence:           -1 9 25.884           Scale Factor:           0.9999409

8054 AZ

STATION 8054 AZ. IS LOCATED 400' +/- EAST ALONG CUNNINGHAM ROAD FROM THE INTERSECTION OF CUNNINGHAM ROAD AND GIVEN ROAD. 8.9' NORTH FROM NORTH EDGE OF CUNNINGHAM ROAD. 4.1' NORTH EAST FROM A FIRE HYDT. 10.9' NORTH EAST FROM A SIGN (STOP AHEAD) AND 8.1' NORTH WEST FROM A 6" MAPLE TREE. MONUMENT IS CONCRETE WITH ALUM. CAP SET FLUSH WITH GROUND STAMPED 8054 AZ 1990

Coordinate: N                   ft.                   To Azimuth:                   Condition:           FOUND  
                   E                   ft.                   Azimuth: 000 ° 00 ' 00 "                   Recovery Date:   2005  
 Elevation:                   ft.                   Azimuth:                   ft.                   VDatum:                HDatum:  
 Convergence:                   Scale Factor:

8384

STATION 8384 IS LOCATED ON THE NORTH SIDE OF REMINGTON ROAD, 0.3 MILE EAST OF MAIN ST. IN MONTGOMERY. MARK IS A BRASS DISC SET IN CONCRETE, 21.9 FEET NORTH OF THE CENTER OF REMINGTON ROAD, 58.7 FEET WEST OF THE CENTER OF AN ASPHALT DRIVE TO HOUSE # 8075, 59.3 FEET EAST OF POLE # W20 - 39E, AND 47 FEET NORTH WEST OF POLE # H37762. MARK IS PAIRED WITH STATION 2189.

Coordinate: N           452,472.058 ft.           To Azimuth:                   Condition:           FOUND  
                   E           1,445,140.561 ft.           Azimuth: 000 ° 00 ' 00 "                   Recovery Date:   2005  
 Elevation:               791.41 ft.           Azimuth:                   ft.                   VDatum:   1929       HDatum: 1983  
 Convergence:           -1 10 20.53           Scale Factor:           0.99993963

8385

STATION 8385 IS LOCATED AT THE SOUTHWEST CORNER OF MONTGOMERY ROAD AND FOREST GLEN DRIVE. MARK IS A BRASS DISC SET IN CONCRETE, 32.6 FEET SOUTH OF THE CENTER OF FOREST GLEN DRIVE, BETWEEN THE CURB AND SIDEWALK ALONG THE WEST SIDE OF MONTGOMERY ROAD, 17.6 FEET SOUTH EAST OF POLE # W21-28, AND 65.3 FEET SOUTH WEST OF POLE # 21-207E. MARK IS PAIRED WITH STATION 8386.

Coordinate: N           457,848.435 ft.           To Azimuth:                   Condition:           FOUND  
                   E           1,445,258.237 ft.           Azimuth: 000 ° 00 ' 00 "                   Recovery Date:   2005  
 Elevation:               784.17 ft.           Azimuth:                   ft.                   VDatum:   1929       HDatum: 1983  
 Convergence:           -1 10 20.47           Scale Factor:           0.99993896

SYMMES

U.S. Coast and Geodetic Survey Triangulation Stations & Bench Marks

8386

STATION 8386 IS LOCATED AT THE NORTHEAST CORNER OF MONTGOMERY ROAD AND HOPEWELL ROAD. MARK IS A BRASS DISC SET IN CONCRETE, 34.3 FEET EAST OF THE CENTER OF MONTGOMERY ROAD, 23.7 FEET NORTH OF THE PRODUCED NORTH LINE OF A 1 1/2 STORY FRAME BUILDING, MONTGOMERY FIRE HOUSE # 1, AND 17.6 FEET NORTH OF POLE # W21-171E. MARK IS PAIRED WITH STATION 8385.

Coordinate:	N	458,307.225	ft.	To Azimuth:		Condition:	FOUND
	E	1,445,530.622	ft.	Azimuth:	000 ° 00 ' 00 "	Recovery Date:	2005
Elevation:		778.65	ft.	Azimuth:		VDatum:	1929 HDatum: 1983
Convergence:		-1 10 18.35		Scale Factor:	0.99993891		

8387

STATION 8387 IS LOCATED ON THE NORTH SIDE OF HOPEWELL ROAD, EAST OF Tanager Hills Drive, MARK IS A BRASS DISC SET IN CONCRETE, 90 FEET EAST OF THE CENTER OF Tanager Hills Drive, 18 FEET NORTH OF THE CENTER OF HOPEWELL ROAD, AND 62 FEET SOUTHEAST OF A POLE. MARK IS PAIRED WITH STATION 8388.

Coordinate:	N	459,927.928	ft.	To Azimuth:		Condition:	FOUND
	E	1,457,506.638	ft.	Azimuth:	000 ° 00 ' 00 "	Recovery Date:	2005
Elevation:		727.79	ft.	Azimuth:		VDatum:	1929 HDatum: 1983
Convergence:		-1 08 42.03		Scale Factor:	0.99993869		

8388

STATION 8388 IS LOCATED AT THE SOUTHEAST CORNER OF HOPEWELL ROAD AND HOPEWELL HILLS DRIVE. MARK IS A BRASS DISC SET IN CONCRETE, 22.7 FEET SOUTH OF THE CENTER OF HOPEWELL ROAD 26.7 FEET EAST OF THE CENTER OF HOPEWELL HILLS DRIVE, 54.1 FEET SOUTHEAST OF POLE # Y22-1E, AND 10.2 FEET WEST OF THE PRODUCED WEST LINE OF A ONE STORY GARAGE ATTACHED TO HOUSE # 9474. MARK IS PAIRED WITH STATION 8387.

Coordinate:	N	460,027.746	ft.	To Azimuth:		Condition:	FOUND
	E	1,458,495.440	ft.	Azimuth:	000 ° 00 ' 00 "	Recovery Date:	2005
Elevation:		696.53	ft.	Azimuth:		VDatum:	1929 HDatum: 1983
Convergence:		-1 08 34.07		Scale Factor:	0.99993868		

8389

STATION 8389 IS LOCATED ON THE EAST SIDE OF LOVELAND - MADEIRA ROAD, NORTH OF HOPEWELL/BRIDGE ROAD. MARK IS A BRASS DISC SET IN CONCRETE, 15.7 FEET EAST OF THE EAST EDGE OF LOVELAND - MADEIRA ROAD, 49.1 FEET WEST OF THE WEST EDGE OF AN ASPHALT DRIVE ENTRANCE TO A MARATHON GAS STATION, 39.1 FEET NORTHWEST OF POLE # Z22-82E, AND 86.9 FEET SOUTH WEST OF POLE # Z22-101E. MARK IS PAIRED WITH STATION 8390.

Coordinate:	N	459,404.470	ft.	To Azimuth:		Condition:	FOUND
	E	1,459,641.646	ft.	Azimuth:	000 ° 00 ' 00 "	Recovery Date:	2005
Elevation:		578.68	ft.	Azimuth:		VDatum:	1929 HDatum: 1983
Convergence:		-1 08 24.73		Scale Factor:	0.99993875		

8390

STATION 8390 IS LOCATED ON THE WEST SIDE OF LOVELAND - MADEIRA ROAD, NORTH OF EAST KEMPER ROAD. MARK IS A BRASS DISC SET IN CONCRETE, 8.9 FEET WEST OF THE WEST EDGE OF LOVELAND - MADEIRA ROAD, 8.0 FEET EAST OF THE EAST EDGE OF AN ASPHALT PARKING LOT FOR A SUPER AMERICA GAS STATION, 32.3 FEET SOUTH OF THE PRODUCED NORTH LINE OF A ONE STORY BUILDING ( SUPER AMERICA GAS STATION), AND 103 FEET NORTH OF POLE # Z22-72E. MARK IS PAIRED WITH STATION 8389.

Coordinate:	N	460,713.559	ft.	To Azimuth:		Condition:	MISSING
	E	1,459,762.101	ft.	Azimuth:	000 ° 00 ' 00 "	Recovery Date:	2005
Elevation:		575.13	ft.	Azimuth:		VDatum:	1929 HDatum: 1983
Convergence:		-1 08 23.97		Scale Factor:	0.9999386		

SYMMES

U.S. Coast and Geodetic Survey Triangulation Stations & Bench Marks

8391

STATION 8391 IS LOCATED ON THE NORTH SIDE OF LOVELAND - MADEIRA ROAD, WEST OF TWIGHTWEE ROAD. MARK IS A BRASS DISC SET IN CONCRETE, 24.9 FEET NORTH OF THE CENTER OF LOVELAND - MADEIRA ROAD, 146 FEET WEST OF THE CENTER OF TWIGHTWEE ROAD, 49.8 FEET WEST OF A MANHOLE, AND 169.6 FEET EAST OF A FIRE HYDRANT. MARK IS PAIRED WITH STATION 2560.

Coordinate:	N	462,402.974	ft.	To Azimuth:		Condition:	FOUND
	E	1,462,615.716	ft.	Azimuth:	000 ° 00 ' 00 "	Recovery Date:	2005
Elevation:		603.04	ft.	Azimuth:		VDatum:	1929    HDatum: 1983
Convergence:		-1 08 01.22		Scale Factor:	0.99993841		

8392

STATION 8392 IS LOCATED ON THE SOUTHEAST SIDE OF LOVELAND - MADEIRA ROAD, 0.2 MILE NORTHEAST OF MORGANTRACE DRIVE, AT THE ENTRANCE TO LAKE ISABELLA. MARK IS A BRASS DISC SET IN CONCRETE, 26.8 FEET SOUTHEAST OF THE CENTER OF LOVELAND - MADEIRA ROAD, 111.8 FEET NORTHEAST OF THE CENTER OF THE DRIVE ENTRANCE TO LAKE ISABELLA, 60 FEET NORTH WEST OF POLE # L10 , AND 36.7 FEET NORTHEAST OF THE NORTHWEST CORNER OF THE LAKE ISABELLA PARK SIGN. MARK IS PAIRED WITH STATION 8393.

Coordinate:	N	456,072.032	ft.	To Azimuth:		Condition:	FOUND
	E	1,457,895.596	ft.	Azimuth:	000 ° 00 ' 00 "	Recovery Date:	2005
Elevation:		590.58	ft.	Azimuth:		VDatum:	1929    HDatum: 1983
Convergence:		-1 08 38.27		Scale Factor:	0.99993915		

8393

STATION 8393 IS LOCATED AT THE WESTERLY INTERSECTION OF LOVELAND - MADEIRA ROAD AND MORGANTRACE DRIVE. MARK IS A BRASS DISC SET IN CONCRETE, 28.9 FEET NORTHWEST OF THE CENTER OF LOVELAND - MADEIRA ROAD, 23.6 FEET SOUTHWEST OF THE CENTER OF MORGANTRACE DRIVE, 42.5 FEET SOUTHWEST OF POLE # Y21-150E, AND 38.5 FEET EAST OF THE EAST MOST CORNER OF A BRICK ENTRANCE SIGN TO MORGAN'S TRACE. MARK IS PAIRED WITH STATION 8392.

Coordinate:	N	455,300.853	ft.	To Azimuth:		Condition:	FOUND
	E	1,456,867.882	ft.	Azimuth:	000 ° 00 ' 00 "	Recovery Date:	2005
Elevation:		585.57	ft.	Azimuth:		VDatum:	1929    HDatum: 1983
Convergence:		-1 08 46.44		Scale Factor:	0.99993924		

8394

STATION 8394 IS LOCATED ON THE WEST SIDE OF GIVEN ROAD, 0.1 MILE NORTH OF PIPEWELL LANE AT HOUSE # 8725. MARK IS A BRASS DISC SET IN CONCRETE 11.5 FEET WEST OF THE CENTER OF GIVEN ROAD, 120.2 FEET SOUTH OF THE CENTER OF AN ASPHALT DRIVE TO HOUSE # 8725, 98.5 FEET SOUTH OF POLE # H27926RT, 70.5 FEET NORTH OF POLE # H27925, AND 44.3 FEET NORTH OF A FIRE HYDRANT. MARK IS PAIRED WITH STATION 8395.

Coordinate:	N	446,805.553	ft.	To Azimuth:		Condition:	FOUND
	E	1,451,826.264	ft.	Azimuth:	000 ° 00 ' 00 "	Recovery Date:	2005
Elevation:		788.19	ft.	Azimuth:		VDatum:	1929    HDatum: 1983
Convergence:		-1 09 25.70		Scale Factor:	0.99994039		

8395

STATION 8395 IS LOCATED ON THE WEST SIDE OF GIVEN ROAD, NORTH OF PIPEWELL LANE, MARK IS A BRASS DISC SET IN CONCRETE, 11.7 FEET WEST OF THE CENTER OF GIVEN ROAD, 79.5 FEET NORTH OF THE CENTER OF PIPEWELL LANE, 67.4 FEET NORTHWEST OF POLE # X1852E, AND 15.5 FEET NORTHEAST OF POLE # H27922. MARK IS PAIRED WITH STATION 8394.

Coordinate:	N	446,282.794	ft.	To Azimuth:		Condition:	FOUND
	E	1,451,774.557	ft.	Azimuth:	000 ° 00 ' 00 "	Recovery Date:	2005
Elevation:		797.31	ft.	Azimuth:		VDatum:	1929    HDatum: 1983
Convergence:		-1 09 26.04		Scale Factor:	0.99994046		

SYMMES

U.S. Coast and Geodetic Survey Triangulation Stations & Bench Marks

8396

STATION 8396 IS LOCATED AT THE NORTHWEST CORNER OF KUGLER MILL ROAD AND GIVEN ROAD. MARK IS A BRASS DISC SET IN CONCRETE, 51.9 FEET NORTH OF THE CENTER OF KUGLER MILL ROAD, 12.3 FEET WEST OF THE CENTER OF GIVEN ROAD, 63.5 FEET NORTHWEST OF POLE # H58732RE, AND NORTHEAST OF POLE # H54887. MARK IS PAIRED WITH STATION 8397.

Coordinate:	N	440,863.139	ft.	To Azimuth:		Condition:	FOUND
	E	1,451,266.809	ft.	Azimuth:	000 ° 00 ' 00 "	Recovery Date:	2005
Elevation:		856.56	ft.	Azimuth:		VDatum:	1929 HDatum: 1983
Convergence:		-1 09 29.25		Scale Factor:	0.99994128		

8397

STATION 8397 IS LOCATED ON THE EAST SIDE OF GIVEN ROAD, 0.05 MILE SOUTH OF KUGLER MELL ROAD. MARK IS A BRASS DISC SET IN CONCRETE 12.5 FEET EAST OF THE CENTER OF GIVEN ROAD, 32 FEET EAST OF POLE # H54885RT, AND 107.3 FEET NORTH OF THE CENTER OF AN ASPHALT DRIVE TO HOUSE# 7630 GIVEN ROAD. MARK IS PAIRED WITH STATION 8396.

Coordinate:	N	440,517.457	ft.	To Azimuth:		Condition:	FOUND
	E	1,451,261.310	ft.	Azimuth:	000 ° 00 ' 00 "	Recovery Date:	2005
Elevation:		862.32	ft.	Azimuth:		VDatum:	1929 HDatum: 1983
Convergence:		-1 09 29.23		Scale Factor:	0.99994133		

8398

STATION 8398 IS LOCATED ON THE EAST SIDE OF STATE ROUTE 126, SOUTH OF GALBRAITH ROAD AT THE CONNECTOR TO EAST GALBRAITH ROAD. MARK IS A BRASS DISC SET IN CONCRETE, 20 FEET EAST OF THE CENTER OF STATE ROUTE 126, 14.8 FEET SOUTH OF POLE # 216-7E, AND 39.7 FEET EAST OF POLE # H25483. MARK IS PAIRED WITH STATION 8399.

Coordinate:	N	437,983.098	ft.	To Azimuth:		Condition:	FOUND
	E	1,460,581.586	ft.	Azimuth:	000 ° 00 ' 00 "	Recovery Date:	2005
Elevation:		569.48	ft.	Azimuth:		VDatum:	1929 HDatum: 1983
Convergence:		-1 08 13.72		Scale Factor:	0.99994171		

8399

STATION 8399 IS LOCATED AT THE NORTHWEST CORNER OF STATE ROUTE 126 AND EAST GALBRAITH ROAD. MARK IS A BRASS DISC SET IN CONCRETE, 34.1 FEET NORTH OF THE CENTER OF EAST GALBRAITH ROAD, 27.8 FEET NORTHWEST OF THE CENTER OF STATE ROUTE 126, 31 FEET SOUTHWEST OF POLE # H56932, AND 53.2 FEET EAST OF POLE # H56934. MARK IS PAIRED WITH STATION 8398.

Coordinate:	N	438,313.726	ft.	To Azimuth:		Condition:	FOUND
	E	1,460,743.362	ft.	Azimuth:	000 ° 00 ' 00 "	Recovery Date:	2005
Elevation:		565.65	ft.	Azimuth:		VDatum:	1929 HDatum: 1983
Convergence:		-1 08 12.47		Scale Factor:	0.99994166		

8408

STATION 8408 IS LOCATED AT THE NORTHERLY INTERSECTION OF LOVELAND - MADEIRA ROAD AND MIAMIVIEW DRIVE. MARK IS A BRASS DISC SET IN CONCRETE, 22.8 FEET NORTHWEST OF THE CENTER OF LOVELAND - MADEIRA ROAD, 24.4 FEET NORTHEAST OF THE CENTER OF MIAMIVIEW DRIVE, 49.9 FEET NORTHEAST OF POLE # Z31-384E, AND 26.6 FEET SOUTHEAST OF POLE # H91665RE. MARK IS PAIRED WITH STATION 8409.

Coordinate:	N	464,670.529	ft.	To Azimuth:		Condition:	FOUND
	E	1,467,075.975	ft.	Azimuth:	000 ° 00 ' 00 "	Recovery Date:	2005
Elevation:		602.96	ft.	Azimuth:		VDatum:	1929 HDatum: 1983
Convergence:		-1 07 25.61		Scale Factor:	0.99993817		

SYMMES

U.S. Coast and Geodetic Survey Triangulation Stations & Bench Marks

8409

STATION 8409 IS LOCATED ON THE SOUTHEAST SIDE OF LOVELAND MADEIRA ROAD, 0.2 MILE NORTHEAST OF MIAMIVIEW DRIVE, OPPOSITE LOVELAND MIAMI ELEMENTARY SCHOOL. MARK IS A BRASS DISC SET IN CONCRETE, 7.7 FEET NORTHWEST OF THE NORTHWEST EDGE OF AN ASPHALT PARKING LOT, 44.3 FEET NORTHEAST OF THE PRODUCED SOUTHWEST LINE OF A ONE STORY BRICK SCHOOL ( LOVELAND MIAMI ELEMENTARY), AND 29.8 FEET SOUTHWEST OF POLE # Z31-314E. MARK IS PAIRED WITH STATION 8408.

Coordinate:	N	465,290.391	ft.	To Azimuth:		Condition:	FOUND
	E	1,467,760.236	ft.	Azimuth:	000 ° 00 ' 00 "	Recovery Date:	2005
Elevation:		596.11	ft.	Azimuth:	ft.	VDatum:	1929 HDatum: 1983
Convergence:		-1 07 20.19		Scale Factor:	0.9999381		

8410

STATION 8410 IS LOCATED AT THE NORTHEAST CORNER OF RICH ROAD AND FALLIS ROAD. MARK IS A BRASS DISC SET IN CONCRETE, 16 FEET NORTH OF THE CENTER OF FALLIS ROAD, 53.8 FEET EAST OF THE CENTER OF RICH ROAD, AND 43.4 FEET NORTHWEST OF POLE # Z32-45E. MARK IS PAIRED WITH STATION 2558.

Coordinate:	N	470,648.053	ft.	To Azimuth:		Condition:	FOUND
	E	1,466,721.235	ft.	Azimuth:	000 ° 00 ' 00 "	Recovery Date:	2005
Elevation:		727.15	ft.	Azimuth:	ft.	VDatum:	1929 HDatum: 1983
Convergence:		-1 07 29.42		Scale Factor:	0.9999376		

8411

STATION 8411 IS LOCATED AT THE NORTHWEST CORNER OF LOVELAND AVENUE AND LEBANON ROAD. MARK IS A BRASS DISC SET IN CONCRETE, 76 FEET NORTH OF THE CENTER OF LOVELAND AVENUE, 18.3 FEET WEST OF THE CENTER OF LEBANON ROAD, AND 71.3 FEET NORTHEAST OF POLE # Z25-2C. MARK IS PAIRED WITH STATION 8412.

Coordinate:	N	468,261.543	ft.	To Azimuth:		Condition:	FOUND
	E	1,463,446.718	ft.	Azimuth:	000 ° 00 ' 00 "	Recovery Date:	2005
Elevation:		769.78	ft.	Azimuth:	ft.	VDatum:	1929 HDatum: 1983
Convergence:		-1 07 55.46		Scale Factor:	0.99993782		

8412

STATION 8412 IS LOCATED AT THE SOUTHEAST CORNER OF LEBANON ROAD AND DURANGO DRIVE. MARK IS A BRASS DISC SET IN CONCRETE, 20 FEET EAST OF THE CENTER OF LEBANON ROAD, 50.8 FEET SOUTH OF THE CENTER OF DURANGO DRIVE, 63.9 FEET SOUTHWEST OF POLE # H101788IRT, AND 11.9 FEET NORTH OF THE PRODUCED NORTH LINE OF A ONE STORY FRAME HOUSE # 201 LEBANON ROAD. MARK IS PAIRED WITH STATION 8411.

Coordinate:	N	467,444.205	ft.	To Azimuth:		Condition:	FOUND
	E	1,463,456.241	ft.	Azimuth:	000 ° 00 ' 00 "	Recovery Date:	2005
Elevation:		759.46	ft.	Azimuth:	ft.	VDatum:	1929 HDatum: 1983
Convergence:		-1 07 55.25		Scale Factor:	0.9999379		

8413

STATION 8413 IS LOCATED AT THE NORTHWEST CORNER OF ENYART ROAD AND GOURMET ROAD. MARK IS A BRASS DISC SET IN CONCRETE, 31.7 FEET WEST OF THE CENTER OF ENYART ROAD, 23.3 FEET NORTH OF THE CENTER OF GOURMET ROAD, AND 8.1 FEET EAST OF POLE # Y24-141E. MARK IS PAIRED WITH STATION 2548.

Coordinate:	N	468,036.282	ft.	To Azimuth:		Condition:	FOUND
	E	1,457,100.221	ft.	Azimuth:	000 ° 00 ' 00 "	Recovery Date:	2005
Elevation:		772.39	ft.	Azimuth:	ft.	VDatum:	1929 HDatum: 1983
Convergence:		-1 08 46.62		Scale Factor:	0.99993786		

SYMMES

U.S. Coast and Geodetic Survey Triangulation Stations & Bench Marks

8414

STATION 8414 IS LOCATED AT THE SOUTHWEST CORNER OF THE SOUTHERLY INTERSECTION OF MONTGOMERY ROAD ( U.S. ROUTE # 22 ) AND BLONG ROAD. MARK IS A BRASS DISC SET IN CONCRETE, 41.3 FEET SOUTH OF THE CENTER OF BLONG ROAD, 61.5 FEET NORTH EAST OF POLE # X24-29E, 100.1 FEET SOUTH OF POLE # X24-30E, AND 77.9 FEET SOUTHWEST OF POLE # X24-178E. MARK IS PAIRED WITH STATION 8415.

Coordinate:	N	469,066.183	ft.	To Azimuth:		Condition:	FOUND
	E	1,451,392.395	ft.	Azimuth:	000 ° 00 ' 00 "	Recovery Date:	2005
Elevation:		803.99	ft.	Azimuth:		VDatum:	1929 HDatum: 1983
Convergence:		-1 09 32.83		Scale Factor:	0.99993777		

8415

STATION 8415 IS LOCATED AT THE NORTHEAST CORNER OF MONTGOMERY ROAD ( U.S. ROUTE 22 ) AND HARPERS POINT ROAD. MARK IS A BRASS DISC SET IN CONCRETE, 10.5 FEET EAST EDGE OF MONTGOMERY ROAD, 76.5 FEET NORTH OF THE CENTER OF HARPERS POINT ROAD, 34.2 FEET NORTH OF A TRAFFIC SIGNAL POLE, AND 128.5 FEET SOUTH OF POLE # X24-18E. MARK IS PAIRED WITH STATION 8414.

Coordinate:	N	467,852.473	ft.	To Azimuth:		Condition:	FOUND
	E	1,450,735.706	ft.	Azimuth:	000 ° 00 ' 00 "	Recovery Date:	2005
Elevation:		806.89	ft.	Azimuth:		VDatum:	1929 HDatum: 1983
Convergence:		-1 09 37.93		Scale Factor:	0.99993789		

8416

STATION 8416 IS LOCATED AT THE JUNCTION OF EAST KEMPER ROAD AND HIGHTOWER LANE, SOUTH OF MCKINNEY ROAD. MARK IS A BRASS DISC SET IN CONCRETE, 49.8 FEET EAST OF THE CENTER OF HIGHTOWER LANE, 17 FEET WEST OF THE CENTER OF EAST KEMPER ROAD, 37.9 FEET EAST OF POLE # H148368RE, AND 57 FEET SOUTH WEST OF POLE # Y23-66C. MARK IS PAIRED WITH STATION 8417.

Coordinate:	N	464,932.011	ft.	To Azimuth:		Condition:	FOUND
	E	1,456,345.257	ft.	Azimuth:	000 ° 00 ' 00 "	Recovery Date:	2005
Elevation:		739.06	ft.	Azimuth:		VDatum:	1929 HDatum: 1983
Convergence:		-1 08 52.21		Scale Factor:	0.99993816		

8417

STATION 8417 IS LOCATED AT THE WESTERLY INTERSECTION OF EAST KEMPER ROAD AND WEATHERSTONE COURT. MARK IS A BRASS DISC SET IN CONCRETE, 14 FEET SOUTHWEST OF THE CENTER OF EAST KEMPER ROAD, 56.5 FEET NORTHWEST OF THE CENTER OF WEATHERSTONE COURT, AND 45.7 FEET SOUTHEAST OF POLE # Y23-59E. MARK IS PAIRED WITH STATION 8416.

Coordinate:	N	464,148.938	ft.	To Azimuth:		Condition:	FOUND
	E	1,456,663.694	ft.	Azimuth:	000 ° 00 ' 00 "	Recovery Date:	2005
Elevation:		729.53	ft.	Azimuth:		VDatum:	1929 HDatum: 1983
Convergence:		-1 08 49.51		Scale Factor:	0.99993824		

8418

STATION 8418 IS LOCATED ON THE WEST SIDE OF LEBANON ROAD, 0.1 MILE NORTH OF UNION CEMETARY ROAD. MARK IS A BRASS DISC SET IN CONCRETE, 18.9 FEET WEST OF THE CENTER OF LEBANON ROAD, 16.3 FEET NORTH OF THE PRODUCED NORTH LINE OF A ONE STORY FRAME HOUSE # 11877, 63.7 FEET NORTH OF POLE # Z25-287C, AND 45 FEET SOUTH OF POLE # H38126. MARK IS PAIRED WITH STATION 2550.

Coordinate:	N	471,954.918	ft.	To Azimuth:		Condition:	FOUND
	E	1,463,524.999	ft.	Azimuth:	000 ° 00 ' 00 "	Recovery Date:	2005
Elevation:		810.06	ft.	Azimuth:		VDatum:	1929 HDatum: 1983
Convergence:		-1 07 55.41		Scale Factor:	0.99993749		



SYMMES

U.S. Coast and Geodetic Survey Triangulation Stations & Bench Marks

8419

STATION 8419 IS LOCATED ON THE SOUTH SIDE OF CUNNINGHAM ROAD, 0.2 MILE WEST OF BUCKINGHAM ROAD AT HOUSE # 9225. MARK IS A BRASS DISC SET IN CONCRETE, 14 FEET SOUTH OF THE CENTER OF CUNNINGHAM ROAD, 83.8 FEET EAST OF POLE # H153239, 24.1 FEET NORTHWEST OF POLE # Y17-63E, AND 117.6 FEET WEST OF THE SOUTHWEST CORNER OF A CATCH BASIN. MARK IS PAIRED WITH STATION 8420.

Coordinate:	N	442,254.098 ft.	To Azimuth:		Condition:	FOUND
	E	1,453,996.472 ft.	Azimuth:	000 ° 00 ' 00 "	Recovery Date:	2005
Elevation:		810.24 ft.	Azimuth:	ft.	VDatum:	1929 HDatum: 1983
Convergence:		-1 09 07.47	Scale Factor:	0.99994106		

8420

STATION 8420 IS LOCATED AT THE NORTHEAST CORNER OF CUNNINGHAM ROAD AND BUCKINGHAM ROAD. MARK IS A BRASS DISC SET IN CONCRETE, 12.6 FEET NORTH OF THE CENTER OF CUNNINGHAM ROAD, 93 FEET EAST OF THE CENTER OF BUCKINGHAM ROAD, 28.4 FEET EAST OF POLE # H55564RT, AND 77.6 FEET NORTHEAST OF POLE # H25688RE. MARK IS PAIRED WITH STATION 8419.

Coordinate:	N	442,195.930 ft.	To Azimuth:		Condition:	FOUND
	E	1,455,232.471 ft.	Azimuth:	000 ° 00 ' 00 "	Recovery Date:	2005
Elevation:		815.74 ft.	Azimuth:	ft.	VDatum:	1929 HDatum: 1983
Convergence:		-1 08 57.50	Scale Factor:	0.99994106		

8421

STATION 8421 IS LOCATED ON THE NORTH SIDE OF HUMPHERY ROAD AT HUNTERS RUN COURT. MARK IS A BRASS DISC SET IN CONCRETE, 15.5 FEET NORTH OF THE CENTER OF HUMPHREY ROAD ON THE PRODUCED CENTER OF HUNTERS RUN COURT, 52.4 FEET NORTH EAST OF POLE # H46966, AND 69.7 FEET WEST OF POLE # Y21-205E. MARK IS PAIRED WITH STATION 8422.

Coordinate:	N	454,874.788 ft.	To Azimuth:		Condition:	MISSING
	E	1,454,324.574 ft.	Azimuth:	000 ° 00 ' 00 "	Recovery Date:	2005
Elevation:		710.65 ft.	Azimuth:	ft.	VDatum:	1929 HDatum: 1983
Convergence:		-1 09 06.87	Scale Factor:	0.9999393		

8422

STATION 8422 IS LOCATED AT THE SOUTHEAST CORNER OF HUMPHREY ROAD AND MISTYMORN LANE. MARK IS A BRASS DISC SET IN CONCRETE, 42 FEET EAST OF THE CENTER OF MISTYMORN LANE, 71.1 FEET SOUTH OF POLE # Y21-114E, 59.2 FEET WEST OF POLE #Y21-87E, AND 13.1 FEET EAST OF THE PRODUCED EAST LINE OF A ONE STORY BRICK HOUSE # 10005. MARK IS PAIRED WITH STATION 8421.

Coordinate:	N	455,079.487 ft.	To Azimuth:		Condition:	FOUND
	E	1,454,790.182 ft.	Azimuth:	000 ° 00 ' 00 "	Recovery Date:	2005
Elevation:		719.41 ft.	Azimuth:	ft.	VDatum:	1929 HDatum: 1983
Convergence:		-1 09 03.15	Scale Factor:	0.99993928		

8423

STATION 8423 IS LOCATED AT THE SOUTHEAST CORNER OF SPOOKY HOLLOW ROAD AND BLOME ROAD. MARK IS A BRASS DISC SET IN CONCRETE, 40.9 FEET SOUTH OF THE CENTER OF SPOOKY HOLLOW ROAD, 21 FEET SOUTH OF A FIRE HYDRANT, 48 FEET SOUTHWEST OF POLE # W19-2C, AND 21.7 FEET NORTH OF THE NORTH ANGLE POINT OF A HEADWALL. MARK IS PAIRED WITH STATION 8424.

Coordinate:	N	450,251.280 ft.	To Azimuth:		Condition:	FOUND
	E	1,445,008.141 ft.	Azimuth:	000 ° 00 ' 00 "	Recovery Date:	2005
Elevation:		692.6 ft.	Azimuth:	ft.	VDatum:	1929 HDatum: 1983
Convergence:		-1 10 21.23	Scale Factor:	0.99993993		

SYMMES

U.S. Coast and Geodetic Survey Triangulation Stations & Bench Marks

8424

STATION 8424 IS LOCATED AT THE WESTERLY INTERSECTION OF SPOOKY HOLLOW ROAD AND SPOOKY RIDGE LANE. MARK IS A BRASS DISC SET IN CONCRETE, 26.9 FEET SOUTHWEST OF THE CENTER OF SPOOKY HOLLOW ROAD, 17.7 FEET NORTHWEST OF THE CENTER OF SPOOKY RIDGE LANE, 37.5 FEET NORTH OF POLE # W19-216E, AND 61.5 FEET NORTHWEST OF POLE # W19-15E. MARK IS PAIRED WITH STATION 8423.

Coordinate:	N	450,502.541	ft.	To Azimuth:		Condition:	FOUND
	E	1,444,728.413	ft.	Azimuth:	000 ° 00 ' 00 "	Recovery Date:	2005
Elevation:		710.94	ft.	Azimuth:		VDatum:	1929 HDatum: 1983
Convergence:		-1 10 23.53		Scale Factor:	0.99993989		

8430

STATION 8430 IS LOCATED AT THE SOUTHWEST CORNER OF SEVEN GABLES ROAD AND VAUK VALLEY ROAD. MARK IS A BRASS DISC SET IN CONCRETE, 16 FEET SOUTH OF THE CENTER OF SEVEN GABLES ROAD, 21 FEET WEST OF THE CENTER OF 21 FEET OF VAUK VALLEY ROAD, AND 45 FEET WEST OF A FIRE HYDRANT. MARK IS PAIRED WITH STATION 2141-2.

Coordinate:	N	472,395.981	ft.	To Azimuth:		Condition:	FOUND
	E	1,453,902.877	ft.	Azimuth:	000 ° 00 ' 00 "	Recovery Date:	2005
Elevation:		825.77	ft.	Azimuth:		VDatum:	1929 HDatum: 1983
Convergence:		-1 09 13.12		Scale Factor:	0.99993747		

8431

STATION 8431 IS LOCATED ON THE SOUTH WEST SIDE OF UNION CEMETARY ROAD, OPPOSITE ANTIETAM DRIVE. MARK IS A BRASS DISC SET IN CONCRETE, 34.6 FEET SOUTH OF THE CENTER OF UNION CEMETARY ROAD, AND 37.3 FEET NORTHWEST OF POLE # Z26-46E. MARK IS PAIRED WITH STATION 2552.

Coordinate:	N	472,825.044	ft.	To Azimuth:		Condition:	FOUND
	E	1,459,976.398	ft.	Azimuth:	000 ° 00 ' 00 "	Recovery Date:	2005
Elevation:		795.92	ft.	Azimuth:		VDatum:	1929 HDatum: 1983
Convergence:		-1 08 24.18		Scale Factor:	0.99993743		

ATKINS AZIMUTH

KUGLER MILL AND GIVEN ROADS, INDIAN HILL. MARK IS IN THE NE CORNER; 27.0' EAST OF THE CENTER LINE OF GIVEN ROAD; 42.0' NORTH OF THE C/L OF KUGLER MILL ROAD; AND 150' NORTH OF A FENCE CORNER. NO AZIMUTH POINT RECORDED.  
 1180.03' TRAV. LN. #41 LEV.39  
 TO ATKINS TRIANGULATION 95DEG. 45'42"

Coordinate:	N	440,846.974	ft.	To Azimuth:		Condition:	MISSING
	E	1,451,306.328	ft.	Azimuth:	000 ° 00 ' 00 "	Recovery Date:	2005
Elevation:		859.73	ft.	Azimuth:		VDatum:	1929 HDatum: 1983*
Convergence:		-1 09 28.92		Scale Factor:	0.99994129		

ATKINS TRIANGULATION STATION

INDIAN HILL, ON THE PROPERTY OF MR. WARNER ATKINS. MARK IS 40.0' N OF THE C/L OF KUGLER MILL RD.; 76.' W OF THE E GATE POST OF A SMALL GATE IN A RAIL FENCE; 20.' S OF THE S END OF A STONE JUMPING FENCE; AND 14.0' N OF A RAIL FENCE.  
 LATITUDE: 39DEG. 11'44"633'N LONGITUDE: 84DEG. 19'15"487'W GEODETIC AZIMUTH TO AZIMUTH MARK: 94DEG. 36'22"0'  
 GRID AZIMUTH TO AZIMUTH MARK: 275DEG. 45'42" 1180.03'

Coordinate:	N	440,728.522	ft.	To Azimuth:		Condition:	FOUND
	E	1,452,480.399	ft.	Azimuth:	000 ° 00 ' 00 "	Recovery Date:	2005
Elevation:		859.42	ft.	Azimuth:		VDatum:	1929 HDatum: 1983*
Convergence:		-1 09 19.44		Scale Factor:	0.99994129		

SYMMES

U.S. Coast and Geodetic Survey Triangulation Stations & Bench Marks

HERRING TRIANGULATION STATION

FIELDS-ERTEL ROAD 250' EAST OF MASON ROAD. MARK IS 35.6' SOUTH OF THE ROAD C/L ; 61.1' SOUTH OF AN I71SIGN; 57.5'WEST OF POLE #Y26-1036; AND 34.0' WEST OF THE C/L OF THE I-21 NORTHBOUND ENTRANCE RAMP.  
TO HERRING AZIMUTH 169DEG. 25'23" 1750.73'

Coordinate:	N	475,929.573	ft.	To Azimuth:		Condition:	FOUND
	E	1,455,146.689	ft.	Azimuth:	169 ° 25 ' 23 "	Recovery Date:	2005
Elevation:		860.27	ft.	Azimuth:	1,750.73	VDatum:	1929
Convergence:		-1 09 03.66		Scale Factor:	0.99993719	HDatum:	1983

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