

COLUMBIA

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

0260

WOOSTER PIKE AND N & W RR. MARK IS IN THE E SIDEWALK SPACE UNDER THE RAILROAD CROSSING, 0.8' E OF THE E EDGE OF THE PAVEMENT OF WOOSTER PIKE, AND 0.5' N OF THE ANGLE FORMED BY THE E ABUTMENT AND THE SE WINGWALL. 1947 ELEVATION-531.515'

Coordinate: N 419,867.129 ft. To Azimuth: 2477 Condition: FOUND
 E 1,430,313.464 ft. Azimuth: 234 ° 35 ' 45 " Recovery Date: 2006
 Elevation: 531.66 ft. Azimuth: 482.22 ft. VDatum: 1929 HDatum: 1983*
 Convergence: -1 12 14.53 Scale Factor: 0.99994515

0267

STEWART AVENUE OPPOSITE LUHN AVENUE. MARK IS BETWEEN THE CURB AND WALK ON THE W SIDE OF STEWART AVENUE, 4' W OF THE W EDGE OF THE PAVEMENT, AND 5.8' N OF THE CL OF LUHN AVE PRODUCED. 1951 ELEVATION-600.644 NO AZIMUTH POINT RECORDED.

Coordinate: N 430,507.849 ft. To Azimuth: Condition: FOUND
 E 1,430,767.918 ft. Azimuth: 000 ° 00 ' 00 " Recovery Date: 2006
 Elevation: 600.85 ft. Azimuth: ft. VDatum: 1929 HDatum: 1983*
 Convergence: -1 12 12.68 Scale Factor: 0.99993099

2005

EUCLID ROAD AND NODDING WAY. MARK IS 25.0' S OF THE CENTER LINE OF EUCLID ROAD; 39.2' E OF THE PRODUCED E CURB LINE OF NODDING WAY; 66.5' N OF THE PRODUCED N LINE OF A 1-1/2 STY. BRICK AND FRAME HOUSE #6809; AND 2.2' E OF THE PRODUCED E LINE OF SAID HOUSE #6809. NO AZIMUTH POINT RECORDED.

Coordinate: N 439,566.209 ft. To Azimuth: Condition: FOUND
 E 1,437,053.386 ft. Azimuth: 000 ° 00 ' 00 " Recovery Date: 2006
 Elevation: 847.99 ft. Azimuth: ft. VDatum: 1929 HDatum: 1983
 Convergence: -1 11 23.57 Scale Factor: 0.99994153

2006

EUCLID ROAD APPROX. 0.3 MILE W. OF CAMARGO RD. MARK IS 2.0' N OF THE N CURB LINE OF EUCLID ROAD; 1.8' W OF THE PRODUCED E LINE OF A 1-1/2 STY. SHINGLE HOUSE #7810; AND 17.6' N OF THE CENTER LINE OF EUCLID.

Coordinate: N 439,214.269 ft. To Azimuth: 2007 Condition: MISSING
 E 1,441,330.495 ft. Azimuth: 096 ° 40 ' 34 " Recovery Date: 2006
 Elevation: 798. ft. Azimuth: 1,589.77 ft. VDatum: 1929 HDatum: 1983
 Convergence: -1 10 49.04 Scale Factor: 0.99994157

2008

CAMARGO RD 0.20 MI E OF MIAMI RD AND 0.40 MI W OF EUCLID RD IN MADEIRA. MARK IS ON THE N SIDE OF CAMARGO RD BETWEEN THE SIDEWALK AND CURB, 9.8' E OF THE E EDGE OF A 2-1/2 STORY BRICK HOUSE NO. 7832 PRODUCED, AND 23.7' W OF POLE NO. 140 X 10.

Coordinate: N 438,071.619 ft. To Azimuth: 2007 Condition: MISSING
 E 1,441,254.410 ft. Azimuth: 059 ° 56 ' 16 " Recovery Date: 2006
 Elevation: 759.5 ft. Azimuth: 1,912.45 ft. VDatum: 1929 HDatum: 1983
 Convergence: -1-10-49.47 Scale Factor: 0.99994176

COLUMBIA

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

2009

CAMARGO ROAD AT SHAWNEE RUN ROAD. MARK IS IN THE NE CORNER; 7.2 ' S OF A CORPORATION LINE MARKER (MADEIRA), 39.8' SE OF A WATER VALVE, 28.6' SE OF A MANHOLE, AND 18.5' SE OF A ROAD NAME SIGN, AND 4' NORTH OF THE PRODUCED CENTERLINE OF SHAWNEE RUN ROAD.

Coordinate: N 435,685.974 ft. To Azimuth: 2010 Condition: FOUND
 E 1,438,418.458 ft. Azimuth: 236 ° 10 ' 34 " Recovery Date: 2006
 Elevation: 727.37 ft. Azimuth: 999.05 ft. VDatum: 1929 HDatum: 1983
 Convergence: -1-11-11.92 Scale Factor: 0.99994216

2010

CAMARGO ROAD, 0.20 MILE WEST OF SHAWNEE RUN ROAD. MARK IS ON THE NORTHWEST SIDE OF THE ROAD, 28.5 FT. NORTHWEST OF THE CENTER LINE, 97.0 FT. NORTHEAST OF THE NORTHEAST END OF BILLBOARD, AND 136.0 FT. SOUTHWEST OF THE PRODUCED WEST EDGE OF A FRAME BARN. BENCHMARK IS DESTROYED.

Coordinate: N 435,130.192 ft. To Azimuth: 2009 Condition: MISSING
 E 1,437,588.357 ft. Azimuth: 056 ° 10 ' 34 " Recovery Date: 2006
 Elevation: 713.04 ft. Azimuth: 999.05 ft. VDatum: 1929 HDatum: 1983*
 Convergence: -1-11-18.51 Scale Factor: 0.99994226

2011

CAMARGO ROAD, 0.50 MILE SOUTH OF DELMAR ROAD. MARK IS 18.0 FT. SOUTH OF THE ROAD CENTER LINE, 39.6 FT. NORTHEAST OF A POLE, AND 69.6 FT. NORTHEAST OF A MANHOLE.

Coordinate: N 432,075.716 ft. To Azimuth: 2012 Condition: MISSING
 E 1,436,362.879 ft. Azimuth: 196 ° 37 ' 33 " Recovery Date: 2006
 Elevation: 646.31 ft. Azimuth: 991.05 ft. VDatum: 1929 HDatum: 1983
 Convergence: -1-11-27.87 Scale Factor: 0.99994279

2012

CAMARGO ROAD, 0.60 MILE NORTH OF MADISON ROAD. MARK IS ON THE WEST SIDE OF THE ROAD, 56.0 FT SOUTHWEST OF POLE NO. H41181, 41.0 FT. SOUTH OF A GUY POLE, AND 126.0 FT. NORTH OF THE EAST END OF A CONCRETE HEADWALL TO A 12-FOOT CIRCULAR SEWER.

Coordinate: N 431,126.645 ft. To Azimuth: 2011 Condition: FOUND
 E 1,436,079.337 ft. Azimuth: 016 ° 37 ' 33 " Recovery Date: 2006
 Elevation: 642.5 ft. Azimuth: 991.05 ft. VDatum: 1929 HDatum: 1983
 Convergence: -1 11 30.00 Scale Factor: 0.99994279

2177

SHAWNEE RUN AND DRAKE ROADS. MARK IS IN THE NORTHWEST CORNER, 6.0 FT. NORTH OF THE NORTH CURB OF SHAWNEE RUN ROAD, 11.5 FT. EAST OF THE END OF THE CURB, 17.6 FT. EAST OF A FIRE HYDRANT, AND 16.0 FT. SOUTHWEST OF A CONCRETE SIGN POST.

Coordinate: N 435,436.150 ft. To Azimuth: 2178 Condition: FOUND
 E 1,445,405.421 ft. Azimuth: 096 ° 46 ' 06 " Recovery Date: 2006
 Elevation: 856.9 ft. Azimuth: 1,617.29 ft. VDatum: 1929 HDatum: 1983
 Convergence: -1 10 15.59 Scale Factor: 0.99994218

COLUMBIA

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

2178

SHAWNEE RUN ROAD, 0.30 MILE EAST OF DRAKE ROAD. MARK IS ON THE SOUTH SIDE OF THE ROAD, 22.5 FT. SOUTH OF THE CENTER LINE, 76.3 FT. SOUTHWEST OF MAILBOX NO. 8505, AND 152.0 FT. EAST OF THE PRODUCED EAST EDGE OF A ONE-STORY FRAME HOUSE NO. 8455.

Coordinate:	N	435,245.487 ft.	To Azimuth:	2177	Condition:	FOUND
	E	1,447,011.484 ft.	Azimuth:	276 ° 46 ' 06 "	Recovery Date:	2006
Elevation:		856.29 ft.	Azimuth:	1,617.29 ft.	VDatum:	1929 HDatum: 1983
Convergence:		-1 10 02.61	Scale Factor:	0.99994221		

2179

SHAWNEE RUN AND GIVEN ROADS. MARK IS ON THE SOUTH SIDE OF SHAWNEE RUN ROAD ON THE PRODUCED WEST EDGE OF THE PAVEMENT OF GIVEN ROAD, 1.5 FT. SOUTH OF THE SOUTH END OF THE EAST HEADWALL OF A CULVERT, AND 32.5 FT. WEST OF THE PRODUCED WEST EDGE OF A ONE-STORY BRICK SCHOOL BUILDING OF THE JUNIOR DIVISION OF THE COUNTRY DAY SCHOOL.

Coordinate:	N	435,511.004 ft.	To Azimuth:	2180	Condition:	FOUND
	E	1,450,774.947 ft.	Azimuth:	005 ° 09 ' 41 "	Recovery Date:	2006
Elevation:		833.43 ft.	Azimuth:	1,964.16 ft.	VDatum:	1929 HDatum: 1983
Convergence:		-1 09 32.34	Scale Factor:	0.99994215		

2180

GIVEN ROAD, 0.40 MILE NORTH OF SHAWNEE RUN ROAD. MARK IS ON THE WEST SIDE OF THE ROAD, 49.0 FT. NORTHWEST OF MAILBOX NO. 6955 (HERBERT DAVIDSON) AND 33.0 FT. NORTH OF THE PRODUCED NORTH EDGE OF A TWO-STORY STONE HOUSE.

Coordinate:	N	437,467.717 ft.	To Azimuth:	2179	Condition:	MISSING
	E	1,450,951.528 ft.	Azimuth:	185 ° 09 ' 41 "	Recovery Date:	2006
Elevation:		870.28 ft.	Azimuth:	1,964.16 ft.	VDatum:	1929 HDatum: 1983*
Convergence:		-1 09 31.23	Scale Factor:	0.99994182		

2234

WOOSTER PIKE, 0.20 MILE EAST OF WALTON CREEK ROAD. MARK IS 1.4 FT. SOUTH OF THE SOUTH CURB, 78.3 FT. NORTHEAST OF THE NORTHWEST CORNER OF A TWO-STORY SHINGLE HOUSE NO. 7525, AND 76.4 FT. NORTHWEST OF THE NORTHEAST CORNER OF THE SAME HOUSE. NO AZIMUTH RECORDED. BROKEN PLATE.

Coordinate:	N	420,845.390 ft.	To Azimuth:		Condition:	MISSING
	E	1,441,884.088 ft.	Azimuth:	000 ° 00 ' 00 "	Recovery Date:	2006
Elevation:		499.32 ft.	Azimuth:	ft.	VDatum:	1929 HDatum: 1983*
Convergence:		-1 10 41.54	Scale Factor:	0.99994491		

2235

WOOSTER PIKE, 0.20 MILE EAST OF INDIANVIEW AVENUE. MARK IS 7.7 FT. NORTH OF THE NORTH EDGE OF THE PAVEMENT, 18.0 FT. EAST OF POLE NO. V1134E, AND 7.0 FT EAST OF THE PRODUCED EAST EDGE OF A 1-1/2 STORY BRICK HOUSE NO. 7109.

Coordinate:	N	422,361.963 ft.	To Azimuth:	2236	Condition:	FOUND
	E	1,438,840.663 ft.	Azimuth:	276 ° 33 ' 58 "	Recovery Date:	2006
Elevation:		590.06 ft.	Azimuth:	895.08 ft.	VDatum:	1929 HDatum: 1983
Convergence:		-1 11 06.30	Scale Factor:	0.99994462		

COLUMBIA

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

2236

WOOSTER PIKE AND INDIANVIEW AVENUE. MARK IS IN THE NORTHWEST CORNER, 29.0 FT. NORTH OF THE PRODUCED CENTER LINE OF WOOSTER PIKE, 18.5 FT. WEST OF THE CENTER LINE OF INDIANVIEW AVENUE, AND 57.1 FT. SOUTHEAST OF THE SOUTHEAST CORNER OF A TWO-STORY BRICK HOUSE NO. 3807.

Coordinate: N 422,464.353 ft. To Azimuth: 2235 Condition: FOUND
 E 1,437,951.385 ft. Azimuth: 096 ° 33 ' 58 " Recovery Date: 2006
 Elevation: 590.87 ft. Azimuth: 895.08 ft. VDatum: 1929 HDatum: 1983
 Convergence: -1 11 13.47 Scale Factor: 0.9999446

2400

WALTON CREEK RD, 0.10 MI S OF VARNER RD. MARK IS IN THE CENTER OF THE NE WINGWALL OF A BRIDGE OVER WALTON CREEK. BENCHMARK IS DESTROYED.

Coordinate: N 423,270.079 ft. To Azimuth: 2401 Condition: MISSING
 E 1,442,510.798 ft. Azimuth: 354 ° 34 ' 32 " Recovery Date: 2006
 Elevation: 569.58 ft. Azimuth: 470.73 ft. VDatum: 1929 HDatum: 1983*
 Convergence: .1 10 36.89 Scale Factor: 0.99994442

2401

STATION 2401 IS AN EXISTING CITY OF CINCINNATI BENCH MARK LOCATED AT THE NORTHWEST CORNER OF WALTON CREEK ROAD AND VARNER ROAD. MARK IS 27 FEET EAST OF THE CENTER OF WALTON CREEK ROAD, 19.5 FEET NORTHWEST OF THE CENTER OF VARNER ROAD, AND 24.2 FEET SOUTH OF A FIRE HYDRANT. MARK IS PAIRED WITH STATION 8427.

Coordinate: N 423,738.513 ft. To Azimuth: 2400 Condition: FOUND
 E 1,442,465.902 ft. Azimuth: 174 ° 34 ' 32 " Recovery Date: 2006
 Elevation: 590.44 ft. Azimuth: 470.73 ft. VDatum: 1929 HDatum: 1983
 Convergence: -1 10 37.33 Scale Factor: 0.99994433

2402

DRAKE AND VARNER ROADS. MARK IS IN THE SOUTHWEST CORNER, 41.4 FT. SOUTHWEST OF A ROAD NAME SIGN, 48.1 FT. NORTHWEST OF A STONE GATE POST, AND 8.8 FT. NORTHWEST OF A WATER VALVE CHAMBER.

Coordinate: N 425,227.811 ft. To Azimuth: 2403 Condition: FOUND
 E 1,444,419.966 ft. Azimuth: 008 ° 45 ' 28 " Recovery Date: 2006
 Elevation: 851.62 ft. Azimuth: 693.09 ft. VDatum: 1929 HDatum: 1983
 Convergence: -1 10 21.84 Scale Factor: 0.99994403

2403

DRAKE ROAD, 700 FT. NORTH OF VARNER ROAD. MARK IS 18.0 FT. EAST OF THE CENTER LINE, AND 82.5 FT. NORTH OF THE PRODUCED NORTH EDGE OF A 2-1/2 STORY FRAME HOUSE NO. 4790 (PETER POTTEN).

Coordinate: N 425,913.096 ft. To Azimuth: 2402 Condition: FOUND
 E 1,444,525.324 ft. Azimuth: 188 ° 45 ' 28 " Recovery Date: 2006
 Elevation: 865.98 ft. Azimuth: 693.09 ft. VDatum: 1929 HDatum: 1983
 Convergence: -1 10 21.11 Scale Factor: 0.9999439

COLUMBIA

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

2404

INDIAN HILL RD. APPROX. 0.15 MILE W OF DRAKE RD. MARK IS ON THE S SIDE OF THE ROAD 20.1' S OF THE CENTER LINE AND INSIDE THE TWO BRANCHES OF A CIRCULAR DRIVE; 42.7' SE OF POLE #W 13-34E; 19.9'SW OF A MAILBOX (GEO. ALLISON); AND 33.5' W OF THE PRODUCED E LINE OF A 1 STY. STONE ADDITION TO A 2 STY. FRAME HOUSE #8175.

Coordinate:	N	428,075.470	ft.	To Azimuth:	2405-2	Condition:	FOUND
	E	1,444,002.931	ft.	Azimuth:	088 ° 30 ' 18 "	Recovery Date:	2006
Elevation:		850.17	ft.	Azimuth:	806.77	VDatum:	1929 HDatum: 1983
Convergence:		-1 10 25.67		Scale Factor:	0.99994349		

2405-2

INDIAN HILL AND DRAKE ROADS. MARK IS IN THE NORTHEAST CORNER 88.5' EAST OF THE CENTER LINE OF DRAKE ROAD; 29.4' NORTH OF THE CENTERLINE OF INDIAN HILL ROAD; 1.2' WEST OF THE SOUTHWEST CORNER OF A CONCRETE SLAB AT THE ENTRANCE OF THE ARMSTRONG CHAPEL COMMUNITY BUILDING; AND 9.3' SOUTHEAST OF THE SOUTHEAST CORNER OF THE WEST WING OF SAID BUILDING.

Coordinate:	N	428,096.464	ft.	To Azimuth:		Condition:	MISSING
	E	1,444,809.223	ft.	Azimuth:	000 ° 00 ' 00 "	Recovery Date:	2006
Elevation:		871.44	ft.	Azimuth:		VDatum:	1929 HDatum: 1983
Convergence:		-1 10 19018		Scale Factor:	0.99994349		

2406

DRAKE ROAD, 0.10 MILE SOUTH OF GRAVES ROAD. MARK IS 20.3 FT. EAST OF THE CENTER LINE, 35.3 FT. NORTH OF THE CENTER LINE OF A GRAVEL DRIVEWAY TO PROPERTY OF W. H. CHATFIELD, 45.0 FT. EAST OF A FIRE HYDRANT.

Coordinate:	N	431,794.044	ft.	To Azimuth:	2407	Condition:	MISSING
	E	1,445,105.327	ft.	Azimuth:	002 ° 11 ' 50 "	Recovery Date:	2006
Elevation:		840.96	ft.	Azimuth:	786.09	VDatum:	1929 HDatum: 1983*
Convergence:		-1 10 17.40		Scale Factor:	0.99994282		

2407

DRAKE AND GRAVES ROADS. MARK IS IN THE NORTHWEST CORNER, 38.7 FT. NORTH OF THE CENTER LINE OF GRAVES ROAD, 23.9 FT. WEST OF THE CENTER LINE OF DRAKE ROAD, AND 20.7 FT. SOUTHWEST OF A MAILBOX (ROBT. L. BLACK).

Coordinate:	N	432,579.065	ft.	To Azimuth:	2406	Condition:	FOUND
	E	1,445,135.494	ft.	Azimuth:	182 ° 11 ' 50 "	Recovery Date:	2006
Elevation:		813.54	ft.	Azimuth:	786.09	VDatum:	1929 HDatum: 1983
Convergence:		-1 10 17.29		Scale Factor:	0.99994268		

2408

STATION 2408 IS AN EXISTING CITY OF CINCINNATI BENCH MARK LOCATED ON THE NORTHWEST SIDE OF OLD INDIAN HILL ROAD, 0.25 MILE NORTHEAST OF THE WESTERLY INTERSECTION OF OLD INDIAN HILL ROAD AND INDIAN HILL ROAD. MARK IS 21.3 FEET NORTHWEST OF THE CENTER OF OLD INDIAN HILL ROAD AND 27.3 FEET SOUTHWEST OF THE CENTER OF AN ASPHALT DRIVE TO HOUSE # 8760. MARK IS PAIRED WITH STATION 8428.

Coordinate:	N	429,038.312	ft.	To Azimuth:	2409	Condition:	FOUND
	E	1,448,396.577	ft.	Azimuth:	041 ° 39 ' 01 "	Recovery Date:	2006
Elevation:		838.48	ft.	Azimuth:	768.72	VDatum:	1929 HDatum: 1983
Convergence:		-1 09 50.44		Scale Factor:	0.9999433		

COLUMBIA

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

2409

OLD INDIAN HILL ROAD, 0.45 MILE NORTH OF INDIAN HILL ROAD, MARK IS 19.0 FT. WEST OF THE CENTER LINE, 69.4 FT. NORTH OF POLE NO. X13-157E, 57.0 FT. SOUTH OF THE SOUTH END OF A ROW OF TREES, AND 13.0 FT. SOUTH OF THE PRODUCED SOUTH EDGE OF A ONE-STORY HOUSE NO. 8815.

Coordinate: N 429,612.921 ft. To Azimuth: 2408 Condition: MISSING
 E 1,448,907.572 ft. Azimuth: 221 ° 39 ' 01 " Recovery Date: 2006
 Elevation: 827.38 ft. Azimuth: 768.72 ft. VDatum: 1929 HDatum: 1983*
 Convergence: -1 09 46.42 Scale Factor: 0.99994319

2410

OLD INDIAN HILL ROAD, 1.16 MILES EAST OF INDIAN HILL ROAD. MARK IS 19.7 FT. SOUTH OF THE CENTER LINE, 15.0 FT. EAST OF THE CENTER LINE OF A MACADAM DRIVEWAY, 22.7 FT. NORTHEAST OF THE NORTHEAST CORNER OF A SHED, AND 28.0 FT. EAST OF A MAILBOX (ROBT. BELUCCI).

Coordinate: N 430,469.920 ft. To Azimuth: 2411 Condition: MISSING
 E 1,452,243.096 ft. Azimuth: 066 ° 26 ' 09 " Recovery Date: 2006
 Elevation: 773.48 ft. Azimuth: 492.63 ft. VDatum: 1929 HDatum: 1983
 Convergence: -1 09 19.69 Scale Factor: 0.99994303

2411

OLD INDIAN HILL ROAD, 1.25 MILES EAST OF INDIAN HILL ROAD. MARK IS 19.0 FT. NORTH OF THE CENTER LINE, 19.4 FT. EAST OF A FIRE HYDRANT, AND 120.5 FT. EAST OF THE PRODUCED EAST EDGE OF A 1-1/2 STORY FRAME HOUSE NO. 9225.

Coordinate: N 430,666.832 ft. To Azimuth: 2410 Condition: MISSING
 E 1,452,694.655 ft. Azimuth: 246 ° 26 ' 09 " Recovery Date: 2006
 Elevation: 764.72 ft. Azimuth: 492.63 ft. VDatum: 1929 HDatum: 1983
 Convergence: -1 09 16.08 Scale Factor: 0.99994299

2412

WOOSTER PK., 0.70 MI NE OF NEWTOWN RD. AND AT THE ENTRANCE TO AVOCA PARK. MARK IS ON THE SE SIDE OF THE ROAD, 30.7' SE OF THE CL, 19.2' E OF THE EASTERNMOST DRIVEWAY TO THE PARK, AND 42.7' W OF A TRANSFORMER POLE.

Coordinate: N 420,516.035 ft. To Azimuth: 2413 Condition: MISSING
 E 1,446,130.690 ft. Azimuth: 040 ° 53 ' 26 " Recovery Date: 2006
 Elevation: 505.77 ft. Azimuth: 1,017.8 ft. VDatum: 1929 HDatum: 1983
 Convergence: .1 10 07.29 Scale Factor: 0.99994496

2413

WOOSTER PIKE, 0.90 MILE NORTHEAST OF NEWTOWN ROAD. MARK IS 30.2 FT. SOUTH OF THE CENTER LINE, 41.2 FT. SOUTHEAST OF A FIRE HYDRANT, AND 64.3 FT. EAST OF THE PRODUCED EAST EDGE OF A THREE-STORY BRICK BUILDING (FRIARHURST RETREAT HOUSE).

Coordinate: N 421,285.470 ft. To Azimuth: 2412 Condition: FOUND
 E 1,446,797.304 ft. Azimuth: 220 ° 53 ' 26 " Recovery Date: 2006
 Elevation: 508.29 ft. Azimuth: 1,017.8 ft. VDatum: 1929 HDatum: 1983
 Convergence: -1 10 02.05 Scale Factor: 0.9999448

COLUMBIA

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

2414

WOOSTER PK, 1.6 MI NE OF NEWTOWN RD. MARK IS ON THE SE SIDE OF THE ROAD, 25.3' SE OF THE CL AND BETWEEN THE EDGE OF THE PAVEMENT AND A METAL GUARD RAIL, AND 39.0' NE OF THE CL OF A ROAD TO THE SE.

Coordinate: N 423,652.145 ft. To Azimuth: 2415 Condition: MISSING
 E 1,449,122.321 ft. Azimuth: 065 ° 38 ' 58 " Recovery Date: 2006
 Elevation: 506.97 ft. Azimuth: 2,349.33 ft. VDatum: 1929 HDatum: 1983*
 Convergence: -1 07 43.71 Scale Factor: 0.99994432

2415

WOOSTER PIKE, 2.0 MILES EAST OF NEWTOWN ROAD. MARK IS 26.0 FT. SOUTHEAST OF THE CENTER LINE, 2.5 FT. FROM THE GUARDRAIL, 30.7 FT. SOUTHWEST OF A TERRACE PARK CORPORATION LINE SIGN, AND 64.1 FT. SOUTH OF A COMBINATION INLET.

Coordinate: N 424,620.834 ft. To Azimuth: 2414 Condition: MISSING
 E 1,451,262.656 ft. Azimuth: 245 ° 38 ' 58 " Recovery Date: 2006
 Elevation: 524.34 ft. Azimuth: 2,349.33 ft. VDatum: 1929 HDatum: 1983*
 Convergence: -1 09 26.63 Scale Factor: 0.99994412

2416

WOOSTER PIKE AT ELM ROAD, MARK IS IN THE SOUTHEAST CORNER, 25.6 FT. EAST OF THE CENTER LINE OF WOOSTER PIKE, AND 39.4 FT. SOUTH OF THE CENTER LINE OF ELM ROAD.

Coordinate: N 426,340.691 ft. To Azimuth: 2417 Condition: MISSING
 E 1,452,431.646 ft. Azimuth: 023 ° 18 ' 28 " Recovery Date: 2006
 Elevation: 535.29 ft. Azimuth: 973.11 ft. VDatum: 1929 HDatum: 1983
 Convergence: -1 09 17.50 Scale Factor: 0.99994379

2417

WOOSTER PIKE, 0.25 MI N OF ELM ROAD. MARK IS 42.6 FT. WEST OF THE CENTER LINE OF WOOSTER PIKE, 150.5 FT. SOUTH OF THE CENTER LINE OF THE DRIVEWAY TO THE ORCHARD HILL TOURIST COTTAGES, AND 26.0 FT. SOUTH OF THE PRODUCED SOUTH EDGE OF THE MOST SOUTHERLY LINE OF THE COTTAGES.

Coordinate: N 427,234.324 ft. To Azimuth: 2416 Condition: FOUND
 E 1,452,816.693 ft. Azimuth: 203 ° 18 ' 28 " Recovery Date: 2006
 Elevation: 539.47 ft. Azimuth: 973.11 ft. VDatum: 1929 HDatum: 1983
 Convergence: -1 09 14.54 Scale Factor: 0.99994362

2418

WOOSTER PK, 0.20 MI S OF INDIAN HILL RD. MARK IS ON THE W SIDE OF THE ROAD, 22.8' W OF THE CL AND AT OUTSIDE EDGE OF THE WALK ON THE PRODUCED CL OF THE WALK TO A 1-1/2 STORY FRAME HOUSE NO. 736, 14.2' N OF POLE NO. H 13909, AND 35.9' S OF THE CL OF A MACADAM DRIVE.

Coordinate: N 429,059.973 ft. To Azimuth: 2419 Condition: FOUND
 E 1,454,809.595 ft. Azimuth: 051 ° 24 ' 20 " Recovery Date: 2006
 Elevation: 569.4 ft. Azimuth: 998.2 ft. VDatum: 1929 HDatum: 1983
 Convergence: -1 08 58.79 Scale Factor: 0.99994327

COLUMBIA

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

2419

WOOSTER PK. AT INDIAN HILL AND GIVEN RDS. MARK IS AT THE BACK OF THE WALK ON THE N SIDE OF WOOSTER PK, 27.7' N OF THE CL, 36.5' NE OF THE CL OF INDIAN HILL RD, AND 42.7' NW OF THE CL OF GIVEN RD.

Coordinate:	N	429,682.645	ft.	To Azimuth:	2418	Condition:	FOUND
	E	1,455,589.816	ft.	Azimuth:	231 ° 24 ' 20 "	Recovery Date:	2006
Elevation:		569.62	ft.	Azimuth:	998.2	VDatum:	1929 HDatum: 1983
Convergence:		-1 08 52.60		Scale Factor:	0.99994316		

2420

KENWOOD RD AND WHETSEL AVENUE. MARK IS IN THE SW CORNER, 22.3' W OF THE CL OF KENWOOD RD, 36.6' OF THE CL OF WHETSEL AVENUE AND 14.0' N OF POLE NO H 67514. NO AZIMUTH POINT RECORDED.

Coordinate:	N	431,893.784	ft.	To Azimuth:		Condition:	FOUND
	E	1,433,688.230	ft.	Azimuth:	000 ° 00 ' 00 "	Recovery Date:	2006
Elevation:		868.6	ft.	Azimuth:		VDatum:	1929 HDatum: 1983
Convergence:		-1 11 49.39		Scale Factor:	0.99994284		

2421

KENWOOD RD. 117.2' S OF THE CENTER LINE OF CHEROKEE ST. MARK IS 19.4' E OF THE CENTER LINE OF KENWOOD RD.; 6.0' W OF POLE #401; AND 51.5' S OF THE PRODUCED S LINE OF A 2 STY. BRICK HOUSE #5992. NO SET DATE, NORTHING, EASTING OR ELEVATION IS RECORDED.

Coordinate:	N	433,596.274	ft.	To Azimuth:		Condition:	FOUND
	E	1,434,406.078	ft.	Azimuth:	000 ° 00 ' 00 "	Recovery Date:	2006
Elevation:		867.88	ft.	Azimuth:		VDatum:	1929 HDatum: 1983
Convergence:		-1 11 43.89		Scale Factor:	0.99994254		

2422

KENWOOD AND SHAWNEE RUN RDS. MARK IS IN THE SE CORNER, 19.0' E OF THE CL OF KENWOOD RD. 41.0' S OF THE CL OF SHAWNEE RUN RD, AND 22.0' SW OF POLE NO. 120. BENCH MARK IS RECORDED AS BEING DESTROYED.

Coordinate:	N	435,821.470	ft.	To Azimuth:	2423	Condition:	MISSING
	E	1,434,978.744	ft.	Azimuth:	004 ° 01 ' 12 "	Recovery Date:	2006
Elevation:		864.33	ft.	Azimuth:	1,052.83	VDatum:	1929 HDatum: 1983*
Convergence:		-1 11 39.66		Scale Factor:	0.99994214		

2423

KENWOOD RD AT THE ENTRANCE TO THE KENWOOD COUNTRY CLUB. MARK IS ON THE W SIDE OF THE ROAD, 19.0' W OF THE CL, 53.6' N OF THE CL OF THE MACADAM DRIVE TO THE COUNTRY CLUB, 46.0' NE OF A STONE COLUMN, AND 16.5' SE OF POLE NO. H 25674.

Coordinate:	N	436,901.398	ft.	To Azimuth:	2422	Condition:	MISSING
	E	1,435,052.242	ft.	Azimuth:	184 ° 01 ' 12 "	Recovery Date:	2006
Elevation:		860.53	ft.	Azimuth:	1,052.83	VDatum:	1929 HDatum: 1983
Convergence:		-1 11 39.24		Scale Factor:	0.99994197		

COLUMBIA

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

2474

WOOSTER PIKE AT ARROW POINT STREET. MARK IS IN THE SOUTHWEST CORNER, 24.0 FT. SOUTH OF THE CENTER LINE OF WOOSTER PIKE, 42.9 FT. NORTH OF THE NORTHEAST CORNER OF A 1-1/2 STORY FRAME HOUSE NO. 6105, AND 40.6 FT. SOUTHWEST OF THE NORTHWEST CORNER OF THE FIRST HOUSE EAST OF ARROW POINT STREET ON THE SOUTH SIDE OF WOOSTER PIKE. NO AZIMUTH POINT RECORDED.

Coordinate:	N	421,891.906 ft.	To Azimuth:		Condition:	MISSING
	E	1,432,985.282 ft.	Azimuth:	000 ° 00 ' 00 "	Recovery Date:	2006
Elevation:		578.93 ft.	Azimuth:	ft.	VDatum:	1929 HDatum: 1983
Convergence:		-1 11 53.37	Scale Factor:	0.99994473		

2475

MIAMI ROAD, 0.10 MILE SOUTH OF BURLEY HILLS DRIVE. MARK IS 24.5 FT. WEST OF THE CENTERLINE, 56.0 FT. NORTHWEST OF A FIRE HYDRANT, 39.0 FT. NORTH OF POLE NO. 1914, 65.5 FT. SOUTHWEST OF POLE NO H57159, AND 19.0 FT. SOUTH OF THE PRODUCED NORTH EDGE OF ONE-STORY FRAME HOUSE NO. 4450.

Coordinate:	N	424,969.390 ft.	To Azimuth:	2476	Condition:	MISSING
	E	1,438,630.025 ft.	Azimuth:	018 ° 54 ' 51 "	Recovery Date:	2006
Elevation:		798.81 ft.	Azimuth:	654.66 ft.	VDatum:	1929 HDatum: 1983*
Convergence:		-1 11 08.43	Scale Factor:	0.9999441		

2476

STATION 2476 IS AN EXISTING CITY OF CINCINNATI BENCH MARK LOCATED AT THE NORTHWEST CORNER OF MIAMI ROAD AND BURLEY HILLS DRIVE. MARK IS 26.5 FEET WEST OF THE CENTER OF MIAMI ROAD, 27 FEET NORTH OF THE CENTER OF BURLEY HILLS DRIVE, AND 7 FEET SOUTH EAST OF A POLE. MARK IS PAIRED WITH STATION 8429.

Coordinate:	N	425,588.558 ft.	To Azimuth:	2475	Condition:	FOUND
	E	1,438,842.058 ft.	Azimuth:	198 ° 54 ' 51 "	Recovery Date:	2006
Elevation:		802.39 ft.	Azimuth:	654.66 ft.	VDatum:	1929 HDatum: 1983
Convergence:		-1 11 06.82	Scale Factor:	0.99994399		

2477

WOOSTER AND RED BANK ROADS. MARK IS 4.7' S OF THE S CURB OF WOOSTER RD.; 43.0' SW OF THE PRODUCED SE CURB OF RED BANK ROAD; 17.6' E OF POLE #246M25; 25.2' S OF THE CENTER LINE OF WOOSTER RD.; AND 119.1' SE OF THE END CONC. RAIL POST AT THE SE END OF THE CONC. BRIDGE OVER THE PENN RR.

Coordinate:	N	419,587.817 ft.	To Azimuth:	260	Condition:	FOUND
	E	1,429,920.556 ft.	Azimuth:	054 ° 35 ' 45 "	Recovery Date:	2006
Elevation:		529.1 ft.	Azimuth:	482.22 ft.	VDatum:	1929 HDatum: 1983
Convergence:		-1 12 17.65	Scale Factor:	0.99994522		

2482

RED BANK ROAD AT THE CINCINNATI CORPORATION LINE. MARK IS 16.6 FT. WEST OF THE CENTER LINE OF RED BANK ROAD, 45.6 FT. SOUTHWEST OF A FIRE HYDRANT, 53.9 FT. NORTHWEST OF POLE NO. T82732, AND 47.5 FT. SOUTH OF THE PRODUCED SOUTH EDGE OF A 1-1/2 STORY FRAME HOUSE NO. 5448.

Coordinate:	N	430,927.086 ft.	To Azimuth:	2483	Condition:	MISSING
	E	1,428,980.337 ft.	Azimuth:	006 ° 57 ' 25 "	Recovery Date:	2006
Elevation:		597.81 ft.	Azimuth:	1,383.73 ft.	VDatum:	1929 HDatum: 1983
Convergence:		-1 12 27.15	Scale Factor:	0.99994303		

COLUMBIA

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

4084

MIAMI AVENUE APPROXIMATELY 0.1 MILE N OF SHAWNEE RUN ROAD. MARK IS 25.3' W OF THE CL OF MIAMI AVENUE ON THE PRODUCED S LINE OF A 1-1/2 STORY SHINGLE HOUSE #6559, 51' S OF POLE #V15-249E AND 15.8' NE OF A FENCE POST.

Coordinate:	N	435,981.153 ft.	To Azimuth:	4085	Condition:	FOUND
	E	1,440,158.884 ft.	Azimuth:	185 ° 50 ' 52 "	Recovery Date:	2006
Elevation:		844.05 ft.	Azimuth:	844.05 ft.	VDatum:	1929 HDatum: 1983
Convergence:		-1 10 57.95	Scale Factor:	0.99994211		

4085

MIAMI AVENUE AND SHAWNEE RUN ROAD. MARK IS 25' W OF THE CL OF MIAMI AVENUE ON THE PRODUCED S LINE OF ST. GERTRUDE'S RECTORY ON THE PRODUCED S LINE OF A 1-1/2 STORY BRICK HOUSE #6524 AND 53' N OF THE N CURB OF THE W TURN LANE TO SHAWNEE RUN ROAD.

Coordinate:	N	435,443.963 ft.	To Azimuth:	4084	Condition:	MISSING
	E	1,440,103.938 ft.	Azimuth:	005 ° 50 ' 52 "	Recovery Date:	2006
Elevation:		854.14 ft.	Azimuth:	539.86 ft.	VDatum:	1929 HDatum: 1983
Convergence:		-1 10 58.30	Scale Factor:	0.9999422		

4086

MIAMI AVENUE AND DEMAR ROAD. MARK IS 19.5' W OF THE CL OF MIAMI AVENUE 36.5' S OF THE CL OF DEMAR ROAD AND 16.7' SE OF POLE #V14-250E.

Coordinate:	N	432,504.382 ft.	To Azimuth:	4087	Condition:	FOUND
	E	1,439,808.348 ft.	Azimuth:	181 ° 55 ' 54 "	Recovery Date:	2006
Elevation:		860.93 ft.	Azimuth:	589.15 ft.	VDatum:	1929 HDatum: 1983
Convergence:		-1 11 00.19	Scale Factor:	0.99994271		

4087

MIAMI AVENUE AND GRAVES ROAD. MARK IS 18.5' E OF THE CL OF MIAMI AVENUE 32' S OF THE CL OF GRAVES ROAD AND 6.5' SW OF POLE #H11-608.

Coordinate:	N	431,915.618 ft.	To Azimuth:	4086	Condition:	FOUND
	E	1,439,788.404 ft.	Azimuth:	001 ° 55 ' 54 "	Recovery Date:	2006
Elevation:		848.1 ft.	Azimuth:	589.15 ft.	VDatum:	1929 HDatum: 1983
Convergence:		-1 11 00.25	Scale Factor:	0.99994281		

8031

STATION 8031 IS LOCATED 1.4' SOUTH OF THE BACK OF THE SOUTH CURB OF MADISON RD., AND 141.0' EAST OF THE CENTERLINE OF JAMESON ST.; 2.4' WEST OF THE PRODUCED WEST SIDE OF A TWO STORY FRAME HOUSE RESIDENCE NO. 6609. THE MONUMENT IS SET FLUSH WITH THE GROUND AND HAS A BRASS TABLET STAMPED "CITY OF CINCINNATI BENCHMARK #263 SET 1933".

Coordinate:	N	427,989.854 ft.	To Azimuth:	8031A	Condition:	FOUND
	E	1,434,689.141 ft.	Azimuth:	094 ° 08 ' 14 "	Recovery Date:	2006
Elevation:		599.97 ft.	Azimuth:	524.64 ft.	VDatum:	1929 HDatum: 1983
Convergence:		-1 11 40.67	Scale Factor:	0.99994355		

COLUMBIA

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

8031 AZ

STATION 8031 AZ IS LOCATED 10.5' NORTH OF THE CENTERLINE OF MADISON RD.; 9.2' WEST OF THE WEST SIDE PRODUCED OF A TWO STORY FRAME HOUSE RESIDENCE NO. 6802. THE ALUMINUM TABLET IS SET FLUSH IN CONCRETE AT THE NORTHEAST CORNER OF A BRIDGE AND IS STAMPED 8031 AZ. NO NORTHING, EASTING OR ELEVATION RECORDED.

Coordinate: N ft. To Azimuth: Condition: FOUND
 E ft. Azimuth: 000 ° 00 ' 00 " Recovery Date: 2006
 Elevation: ft. Azimuth: ft. VDatum: 1929 HDatum: 1983
 Convergence: Scale Factor:

8055

STATION 8055 IS LOCATED 25.1' SOUTH OF THE CENTERLINE OF INDIAN HILL RD. AND 353.4' EAST OF THE CENTERLINE PRODUCED OF STONE BARN RD. THE MONUMENT IS SET FLUSH WITH THE GROUND AND HAS AN ALUMINUM TABLET STAMPED 8055.

Coordinate: N 427,894.918 ft. To Azimuth: 8055A Condition: FOUND
 E 1,446,316.494 ft. Azimuth: 277 ° 40 ' 33 " Recovery Date: 2006
 Elevation: 858.69 ft. Azimuth: 1,513.55 ft. VDatum: 1929 HDatum: 1983
 Convergence: -1 10 07.01 Scale Factor: 0.99994352

8055 AZ

STATION 8055 AZ IS LOCATED AT THE NORTHEAST CORNER OF INTERSECTION OF INDIAN HILL RD. AND DRAKE RD.; 30.7' NORTH OF THE CENTERLINE OF INDIAN HILL RD.; 93.8' EAST OF THE CENTERLINE OF DRAKE RD. THE ALUMINUM TABLET IS SET FLUSH IN A CONCRETE PATIO AT "ARMSTRONG CHAPEL COMMUNITY BUILDING" AND IS STAMPED 8055 AZ. NO NORTHING, EASTING OR ELEVATION RECORDED.

Coordinate: N ft. To Azimuth: Condition: MISSING
 E ft. Azimuth: 000 ° 00 ' 00 " Recovery Date: 2006
 Elevation: ft. Azimuth: ft. VDatum: 1929 HDatum: 1983
 Convergence: Scale Factor:

8056

STATION 8056 IS LOCATED 400' EAST ALONG STANTON ROAD FROM THE INTERSECTION OF STANTON ROAD AND ELM 43.5' SOUTHWEST FROM SOUTH EDGE OF STANTON ROAD 42.6' SOUTHWEST FROM A 12" MAPLE TREE AND 50.5' NORTHWEST FROM THE WEST END OF A BASEBALL BACKSTOP FENCE. MONUMENT IS CONCRETE WITH AN ALUM. CAP SET FLUSH WITH GROUND STAMPED 8056 1990.

Coordinate: N 426,484.286 ft. To Azimuth: 8056A Condition: MISSING
 E 1,455,640.247 ft. Azimuth: 011 ° 14 ' 46 " Recovery Date: 2006
 Elevation: 566.57 ft. Azimuth: 554.8 ft. VDatum: 1929 HDatum: 1983
 Convergence: -1 08 51.68 Scale Factor: 0.99994387

8056 AZ

STATION 8056 AZ IS LOCATED ON THE EAST SIDE OF TERRACE PARK SCHOOL AT THE SOUTHEAST CORNER OF CONCRETE SIDEWALK AROUND SCHOOL, 6.3' SOUTHEAST FROM CORNER. MONUMENT IS ALUM. CAP SET FLUSH IN CONCRETE WALK STAMPED 8056 AZ 1990. NO NORTHING, EASTING OR ELEVATION RECORDED.

Coordinate: N ft. To Azimuth: Condition: FOUND
 E ft. Azimuth: 000 ° 00 ' 00 " Recovery Date: 2006
 Elevation: ft. Azimuth: ft. VDatum: 1929 HDatum: 1983
 Convergence: Scale Factor:

COLUMBIA

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

8400

STATION 8400 IS LOCATED ON THE EAST SIDE OF GLENDALE - MILFORD ROAD (STATE RTE. 126), 0.2 MILE SOUTH OF SHAWNEE RUN ROAD. MARK IS A BRASS DISC SET IN CONCRETE, 18.5 FEET EAST OF THE CENTER OF GLENDALE - MILFORD ROAD, AND 139.9 FEET SOUTH OF POLE # H153124. MARK IS PAIRED WITH STATION 8401.

Coordinate:	N	432,661.845	ft.	To Azimuth:		Condition:	FOUND
	E	1,458,273.300	ft.	Azimuth:	000 ° 00 ' 00 "	Recovery Date:	2006
Elevation:		529.74	ft.	Azimuth:		VDatum:	1929 HDatum: 1983
Convergence:		-1 08 31.47		Scale Factor:	0.99992261		

8401

STATION 8401 IS LOCATED ON THE WEST SIDE OF GLENDALE - MILFORD ROAD (STATE ROUTE 126), 0.3 MILE SOUTH OF SHAWNEE RUN ROAD AT A CELLULAR PHONE STATION. MARK IS A BRASS DISC SET IN CONCRETE, 16.6 FEET WEST OF THE CENTER OF GLENDALE - MILFORD ROAD, 38 FEET SOUTH OF POLE # H153103RE, AND 42.7 FEET SOUTHWEST OF POLE # H161653RE. MARK IS PAIRED WITH STATION 8400.

Coordinate:	N	432,179.618	ft.	To Azimuth:		Condition:	MISSING
	E	1,458,344.340	ft.	Azimuth:	000 ° 00 ' 00 "	Recovery Date:	2006
Elevation:		535.67	ft.	Azimuth:		VDatum:	1929 HDatum: 1983
Convergence:		-1 08 30.82		Scale Factor:	0.9999427		

8402

STATION 8402 IS LOCATED ON THE SOUTH SIDE OF SHAWNEE RUN ROAD, 0.3 MILE WEST OF HAWKRIDGE ROAD. MARK IS A BRASS DISC SET IN CONCRETE, 23.2 FEET SOUTH OF THE CENTER OF SHAWNEE RUN ROAD, 20.4 FEET EAST OF THE CENTER OF AN ASPHALT DRIVE TO HOUSE #9055, AND 39.5 FEET WEST OF POLE #Y15-29E. MARK IS PAIRED WITH STATION 8403.

Coordinate:	N	435,368.784	ft.	To Azimuth:		Condition:	MISSING
	E	1,452,069.034	ft.	Azimuth:	000 ° 00 ' 00 "	Recovery Date:	2006
Elevation:		818.	ft.	Azimuth:		VDatum:	1929 HDatum: 1983
Convergence:		-1 09 21.89		Scale Factor:	0.99994217		

8403

STATION 8403 IS LOCATED AT THE NORTHEAST CORNER OF SHAWNEE RUN ROAD AND ALBERLY LANE, 0.1 MILE WEST OF HAWK RIDGE ROAD. MARK IS A BRASS DISC SET IN CONCRETE, 20.4 FEET NORTH OF THE CENTER OF SHAWNEE RUN ROAD, 36.7 FEET EAST OF THE CENTER OF ALBERLY LANE, AND 45.1 FEET NORTHWEST OF POLE # Y15-39E. MARK IS PAIRED WITH STATION 8402.

Coordinate:	N	435,276.214	ft.	To Azimuth:		Condition:	FOUND
	E	1,453,381.213	ft.	Azimuth:	000 ° 00 ' 00 "	Recovery Date:	2006
Elevation:		828.93	ft.	Azimuth:		VDatum:	1929 HDatum: 1983
Convergence:		-1 09 11.30		Scale Factor:	0.99994218		

8404

STATION 8404 IS LOCATED ON THE WEST SIDE OF MIAMI AVENUE, 0.15 MILE SOUTH OF BRILL ROAD. MARK IS A BRASS DISC SET IN CONCRETE, 20.4 FEET WEST OF THE CENTER OF MIAMI AVENUE, 3.5 FEET SOUTH OF THE PRODUCED NORTH LINE OF A TWO STORY BRICK HOUSE # 5360, 26.1 FEET SOUTHEAST OF POLE # V13-138C, AND 34.1 FEET NORTH OF INDIAN HILL 1947 WITNESS # 3 REFERENCE MONUMENT. MARK IS PAIRED WITH STATION 8405.

Coordinate:	N	429,365.476	ft.	To Azimuth:		Condition:	FOUND
	E	1,439,498.212	ft.	Azimuth:	000 ° 00 ' 00 "	Recovery Date:	2006
Elevation:		880.41	ft.	Azimuth:		VDatum:	1929 HDatum: 1983
Convergence:		-1 11 02.17		Scale Factor:	0.99994327		

COLUMBIA

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

8405

STATION 8405 IS LOCATED AT THE SOUTHEAST CORNER OF MIAMI AVENUE AND BRILL ROAD. MARK IS A BRASS DISC SET IN CONCRETE, 20.1 FEET EAST OF THE CENTER OF MIAMI AVENUE, 32.8 FEET SOUTH OF THE CENTER OF BRILL ROAD, 58.9 FEET SOUTHWEST OF POLE # H11665, AND 26.4 FEET NORTHWEST OF POLE # V13-338E. MARK IS PAIRED WITH STATION 8404.

Coordinate:	N	430,149.925	ft.	To Azimuth:		Condition:	FOUND
	E	1,439,615.679	ft.	Azimuth:	000 ° 00 ' 00 "	Recovery Date:	2006
Elevation:		862.06	ft.	Azimuth:		VDatum:	1929 HDatum: 1983
Convergence:		-1 11 01.35		Scale Factor:	0.99994313		

8406

STATION 8406 IS LOCATED IN THE MEDIAN OF WOOSTER PIKE (U.S. ROUTE 50) ON THE EAST SIDE OF WOOSTER LANE, 1.45 MILE EAST OF NEWTOWN ROAD. MARK IS A BRASS DISC SET IN CONCRETE, 64.5 FEET SOUTH OF THE CENTER OF WESTBOUND WOOSTER PIKE, 24 FEET EAST OF THE CENTER OF WOOSTER LANE, 48.4 FEET EAST OF THE PRODUCED EAST LINE OF A ONE STORY FRAME HOUSE # 8524, AND 84.5 FEET SOUTHEAST OF POLE # XT2-25C. MARK IS PAIRED WITH STATION 8407.

Coordinate:	N	423,696.250	ft.	To Azimuth:		Condition:	FOUND
	E	1,449,085.097	ft.	Azimuth:	000 ° 00 ' 00 "	Recovery Date:	2006
Elevation:		507.58	ft.	Azimuth:		VDatum:	1929 HDatum: 1983
Convergence:		-1 09 44.02		Scale Factor:	0.99994431		

8407

STATION 8407 IS LOCATED IN THE MEDIAN OF WOOSTER PIKE (U.S. ROUTE 50), 1.6 MILE EAST OF NEWTOWN ROAD. MARK IS A BRASS DISC SET IN CONCRETE, 5.5 FEET NORTH OF THE NORTH EDGE OF EAST BOUND WOOSTER PIKE, 25.3 SOUTH OF THE CENTER OF WEST BOUND WOOSTER PIKE, 66.2 FEET SOUTHEAST OF POLE # H39863, AND 76 FEET SOUTHWEST OF POLE # H13850. MARK IS PAIRED WITH STATION 8406.

Coordinate:	N	424,117.021	ft.	To Azimuth:		Condition:	FOUND
	E	1,450,025.550	ft.	Azimuth:	000 ° 00 ' 00 "	Recovery Date:	2006
Elevation:		509.08	ft.	Azimuth:		VDatum:	1929 HDatum: 1983
Convergence:		-1 09 36.52		Scale Factor:	0.99994423		

8425

STATION 8425 IS LOCATED ON THE SOUTH SIDE OF WOOSTER PIKE (U.S. ROUTE 50) OPPOSITE ASHLEY OAK DRIVE. MARK IS A BRASS DISC SET IN CONCRETE, 12.8 FEET SOUTH OF THE SOUTH EDGE OF WOOSTER PIKE ON THE PRODUCED CENTER OF ASHLEY OAK DRIVE, AND 38.1 FEET NORTHWEST OF POLE # W11280C. MARK IS PAIRED WITH STATION 8426.

Coordinate:	N	420,464.176	ft.	To Azimuth:		Condition:	MISSING
	E	1,442,390.078	ft.	Azimuth:	000 ° 00 ' 00 "	Recovery Date:	2006
Elevation:		503.5	ft.	Azimuth:		VDatum:	1929 HDatum: 1983
Convergence:		-1 10 37.40		Scale Factor:	0.99994498		

8426

STATION 8426 IS LOCATED AT THE SOUTHEAST CORNER OF WOOSTER PIKE (U.S. ROUTE 50), AND NEWTOWN ROAD. MARK IS A BRASS DISC SET IN CONCRETE, 12.2 FEET SOUTH OF THE SOUTH EDGE OF WOOSTER PIKE, 12.5 FEET SOUTHEAST OF A TRAFFIC SIGNAL POLE, 15.3 FEET WEST OF A FIRE HYDRANT, AND 45.9 FEET NORTHEAST OF POLE #W11-1E. MARK IS PAIRED WITH STATION 8425.

Coordinate:	N	419,845.761	ft.	To Azimuth:		Condition:	MISSING
	E	1,443,274.272	ft.	Azimuth:	000 ° 00 ' 00 "	Recovery Date:	2006
Elevation:		515.17	ft.	Azimuth:		VDatum:	1929 HDatum: 1983
Convergence:		-1 10 30.18		Scale Factor:	0.99994511		

COLUMBIA

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

8427

STATION 8427 IS LOCATED ON THE EAST SIDE OF WALTON CREEK ROAD, 0.1 MILE SOUTH OF VARNER ROAD. MARK IS A BRASS DISC SET IN CONCRETE, 18.5 FEET EAST OF THE CENTER OF WALTON CREEK, AND 65 FEET NORTH OF THE CENTER OF A CULVERT UNDER WALTON CREEK. MARK IS PAIRED WITH STATION 2401.

Coordinate:	N	423,315.404	ft.	To Azimuth:		Condition:	FOUND
	E	1,442,499.318	ft.	Azimuth:	000 ° 00 ' 00 "	Recovery Date:	2006
Elevation:		569.53	ft.	Azimuth:		VDatum:	1929 HDatum: 1983
Convergence:		-1 10 36.99		Scale Factor:	0.99994441		

8428

STATION 8428 IS LOCATED ON THE WEST SIDE OF OLD INDIAN HILL ROAD, 0.15 MILE NORTH EAST OF INDIAN HILL ROAD OPPOSITE HOUSE # 8748. MARK IS A BRASS DISC SET IN CONCRETE, 20.8 FEET SOUTHEAST OF THE CENTER OF OLD INDIAN HILL ROAD, AND 3.7 FEET SOUTHWEST OF POLE # X13-228C. MARK IS PAIRED WITH STATION 2408.

Coordinate:	N	428,650.723	ft.	To Azimuth:		Condition:	FOUND
	E	1,448,123.159	ft.	Azimuth:	000 ° 00 ' 00 "	Recovery Date:	2006
Elevation:		840.31	ft.	Azimuth:		VDatum:	1929 HDatum: 1983
Convergence:		-1 09 52.58		Scale Factor:	0.99994337		

8429

STATION 8429 IS LOCATED AT THE NORTHWEST CORNER OF INDIAN HILL TRAIL AND MIAMI ROAD. MARK IS A BRASS DISC SET IN CONCRETE, 34 FEET NORTH OF THE CENTER OF INDIAN HILL TRAIL, 17 FEET WEST OF THE CENTER OF MIAMI ROAD, AND 21 FEET NORTHEAST OF A WATER VALE. MARK IS PAIRED WITH STATION 2476.

Coordinate:	N	425,001.968	ft.	To Azimuth:		Condition:	FOUND
	E	1,438,642.305	ft.	Azimuth:	000 ° 00 ' 00 "	Recovery Date:	2006
Elevation:		790.12	ft.	Azimuth:		VDatum:	1929 HDatum: 1983
Convergence:		-1 11 08.33		Scale Factor:	0.9999441		

INDIAN HILL AZIMUTH (171)

MARK IS APPROXIMATELY 0.15 MILE SE OF THE INDIAN HILL WATER TANK, 6.5' E OF THE E EDGE OF MIAMI AVE., AND 22.0' N OF A MAILBOX (JOHN WALT). 1993 LOCATION ATTEMPT: NOT FOUND.

Coordinate:	N	429,040.495	ft.	To Azimuth:	INDIAN HILL	Condition:	MISSING
	E	1,439,508.649	ft.	Azimuth:	321 ° 54 ' 59 "	Recovery Date:	2006
Elevation:		885.5	ft.	Azimuth:	628.89 ft.	VDatum:	1929 HDatum: 1983*
Convergence:		-1 11 02.0		Scale Factor:	0.99994333		

INDIAN HILL TRIANGULATION STA. (170)

Miami Ave and Indian Hill Rd. Mark is on the property occupied by the Indian Hill water tank, 123.0' NW of power pole No. 13-150, 100.0' E-NE of the N edge of the door, in the shell of the tank, and 53.0' N of the CL of a cinder road.

Coordinate:	N	429,536.296	ft.	To Azimuth:	INDIAN HILL	Condition:	FOUND
	E	1,439,123.619	ft.	Azimuth:	141 ° 54 ' 59 "	Recovery Date:	2006
Elevation:		882.41	ft.	Azimuth:	628.89 ft.	VDatum:	1929 HDatum: 1983*
Convergence:		-1 11 05.24		Scale Factor:	0.99994324		