



## **VERTICAL AND HORIZONTAL CONTROL NETWORK**

### **Vertical Network:**

**North American Vertical Datum of 1988 based on the following Brass Disk:**

**TIDAL B.M. designated 872 6724 A TIDAL**

A First Order, Class II vertical control Disk,

located in the State of Florida, Pinellas County, N.G.S. Quad – Clearwater (1987),

set flush in the concrete seawall at the northwest corner of

Clearwater Marina Harbor, 12' east of the east curb of Gulfview Blvd.,

N.A.V.D. 1988 Elevation = 1.206(meters) / 3.9567(feet)

as published by the U.S. DEPARTMENT OF COMMERCE, National Oceanic and Atmospheric Administration, National Ocean Service on July, 26<sup>th</sup> 2005 as part of Station I.D.# 8726724 of N.O.A.A. Chart #11412, PID #AG7196. City of Clearwater Vertical Control Network was executed through differential leveling, then subsequently balanced by a least squares adjustment software program; performed by the City of Clearwater, Engineering Department – Geographic Technology, Land Survey Division.

### **Horizontal Network:**

**North American Datum 83(1999),**

**Florida State Plane Coordinates, Florida West Zone 83(1999),**

derived via G.P.S. Simultaneous Rapid Static Triangulation, using the following N.G.S. published monuments:

N.G.S. Monument PCDSM GPS 78, PID- DF5853 (as published on July 23<sup>rd</sup>, 2003)

N.G.S. Monument PCDSM GPS 46, PID- DF5779 (as published on August 12<sup>th</sup>, 2003)

N.G.S. Monument PCDSM GPS 13, PID- DF5792 (as published on February 24<sup>th</sup>, 2005)

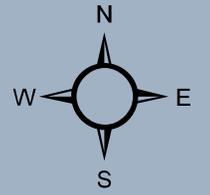
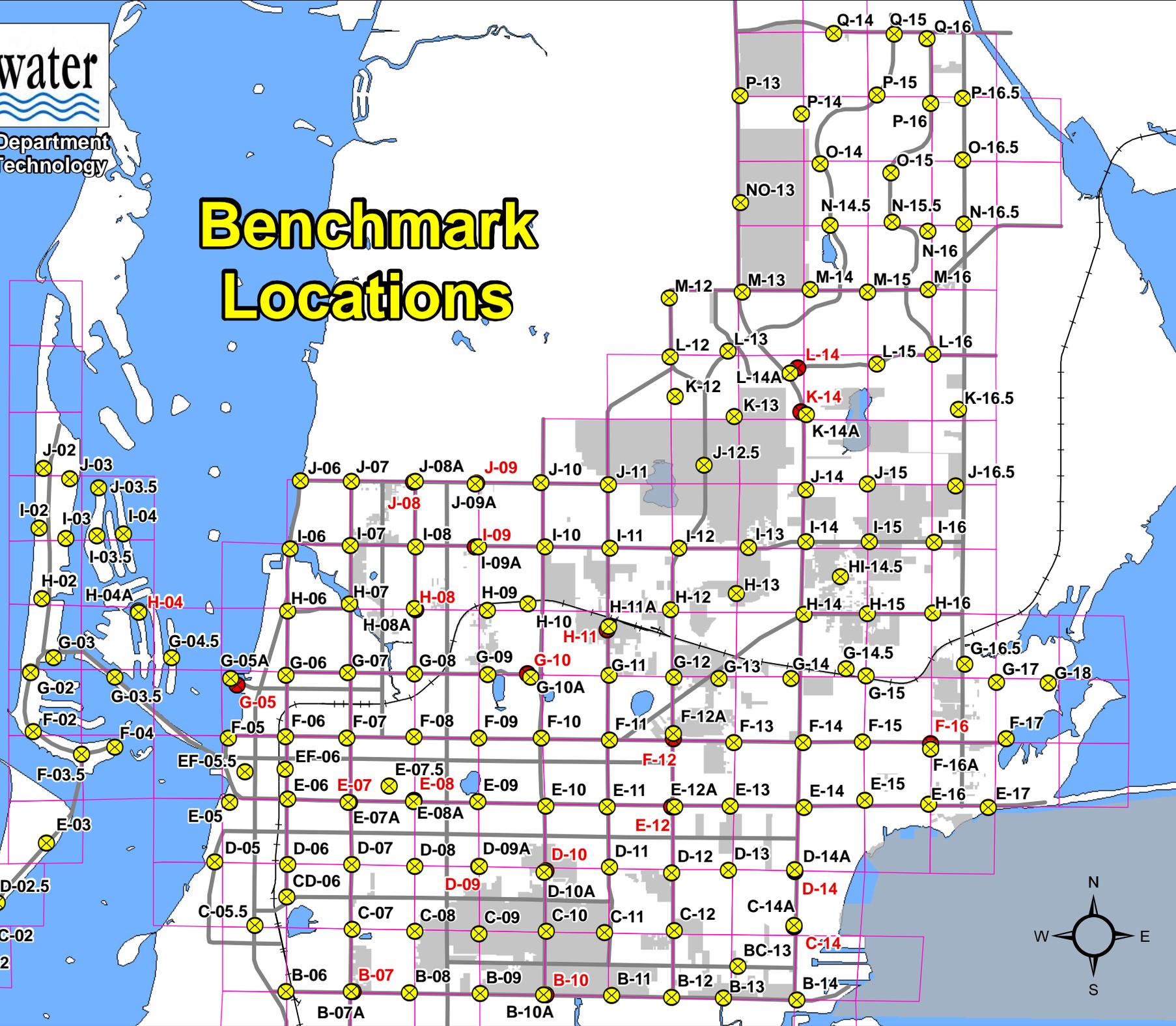
City of Clearwater Horizontal Control Network G.P.S. collection data was subsequently processed by a software program; which balanced, adjusted, then converted the entire network values simultaneously; performed by the City of Clearwater, Engineering Department – Geographic Technology, Land Survey Division.

### **Disclaimer:**

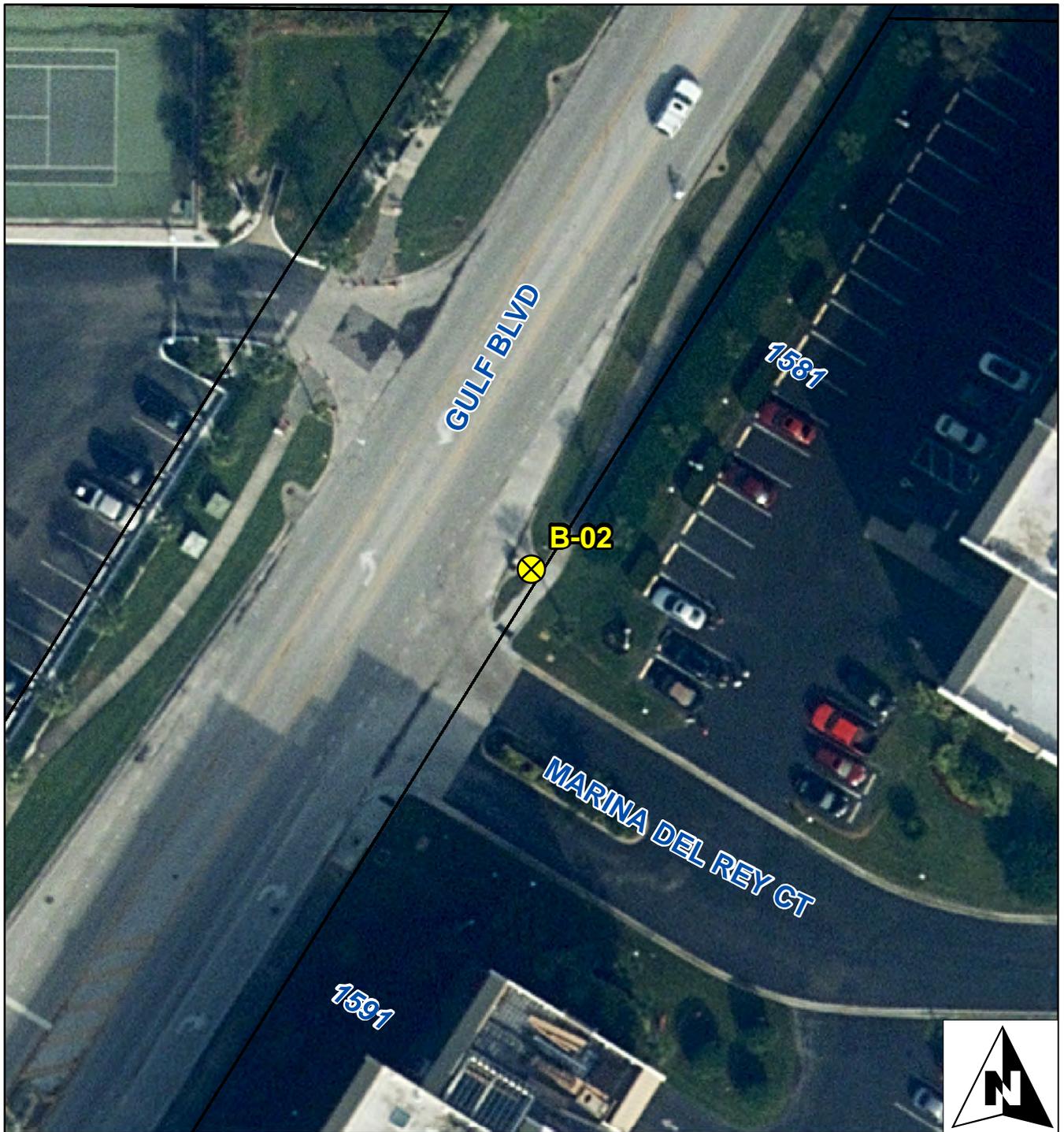
City of Clearwater Vertical & Horizontal Control Network information is furnished by the Engineering Department - Land Survey Division, was developed and collected for the purpose of establishing reference points for all survey activities within Clearwater city limits, and is believed to be accurate. City of Clearwater makes no warranties, expressed or implied, concerning the accuracy, completeness, reliability, or suitability of this data for any other particular use. Furthermore, the City of Clearwater assumes no liability for any errors, omissions, or inaccuracies associated with the use or misuse of such data.

City of Clearwater tries to keep this information current and accurate, unfortunately due to the nature of markers installed in the field, they are at risk of being destroyed by construction activities in their vicinity. If you find a missing or destroyed City of Clearwater marker please let us know by calling (727) 562-4747.

# Benchmark Locations



# CITY OF CLEARWATER BENCHMARKS



Document Path: V:\GIS\Engineering\Benchmarks\Data\Benchmark.mxd

City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: B-02

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,311,880.5600**

Easting: **385,789.9500**

Elevation: **4.9213**

Location: **E side of road at 1581 Gulf Blvd, on storm curb inlet.**

Fire Grid: **311B** Installed/Revised: **10/13/2005** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: B-06

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,311,367.2300**

Easting: **399,231.8200**

Elevation: **52.4330**

Location: **NW corner of Belleair Rd / S. Myrtle Ave, in grass.**

Fire Grid: **313B** Installed/Revised: **10/13/2005** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: B-07

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,311,364.1400**

Easting: **402,007.0200**

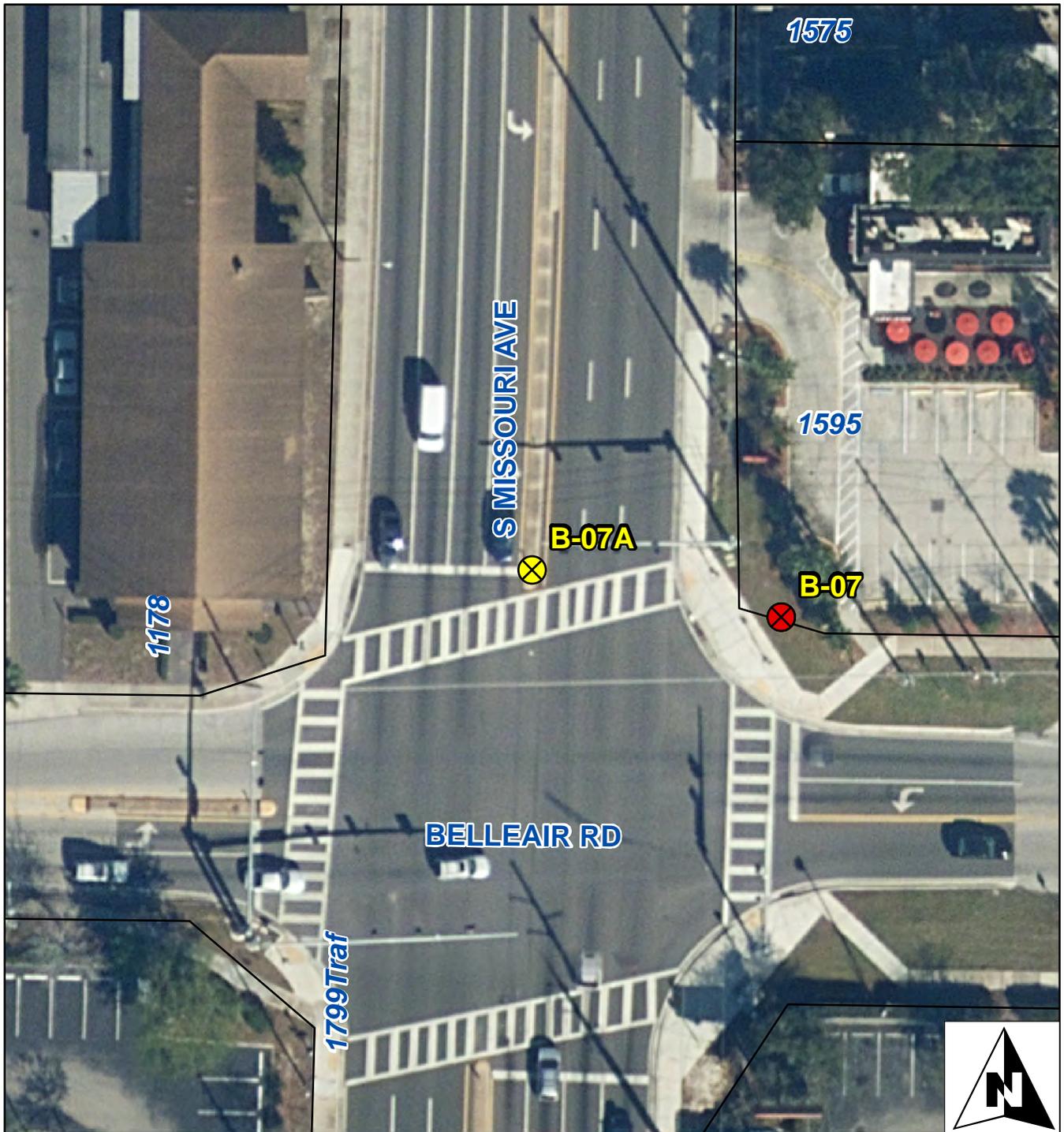
Elevation: **69.4407**

Location: **NE corner of Belleair Rd / Missouri Ave**

Fire Grid: **314B** Installed/Revised: **10/13/2005** Removed/Destroyed: **5/1/2012**

Notes: **Destroyed, Replaced by New B-07A**

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: B-07A

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,311,372.4800**

Easting: **401,941.5000**

Elevation: **71.1057**

Location: **N median at Belleair Rd / Missouri Ave, in median.**

Fire Grid: **314B** Installed/Revised: **05/25/2012** Removed/Destroyed:

Notes: **New Location, Replaced Destroyed B-07**

# CITY OF CLEARWATER BENCHMARKS



0 20 40  
Feet  
1 inch = 40 feet

City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: B-08

Northing: **1,311,312.5500**

Easting: **404,360.4100**

Elevation: **43.2037**

Location: **NW corner of Belleair Rd / Evergreen Ave, in grass.**

Fire Grid: **314B** Installed/Revised: **10/13/2005** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



0 20 40  
Feet  
1 inch = 40 feet

City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: B-09

Northing: **1,311,277.2800**

Easting: **407,310.8800**

Elevation: **47.6438**

Location: **NE corner of Belleair Rd / Lake Ave, on sidewalk.**

Fire Grid: **315B** Installed/Revised: **10/13/2005** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: B-10

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,311,230.2300**

Easting: **410,031.0700**

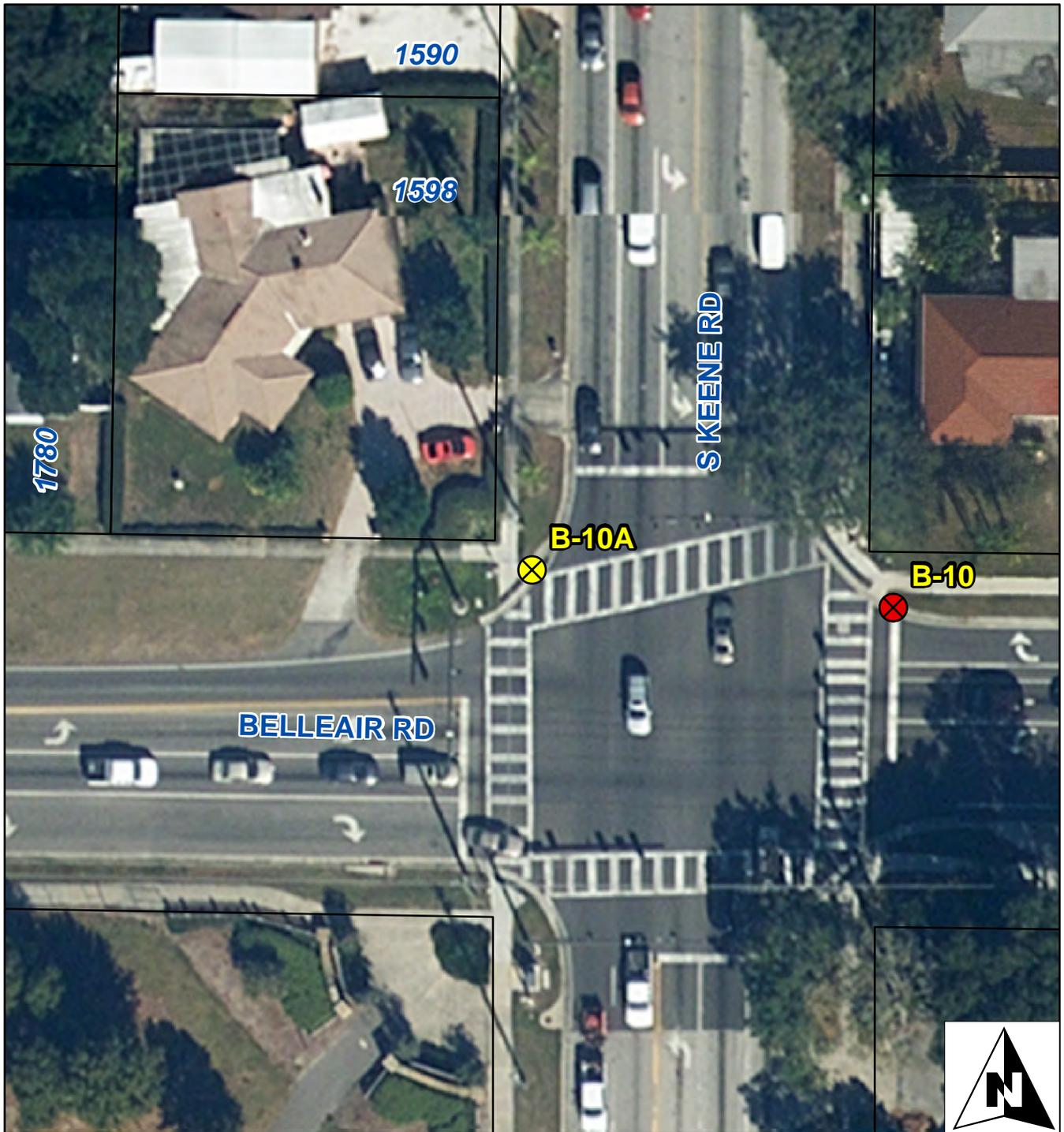
Elevation: **30.9765**

Location: **NE corner of Belleair Rd / S. Keene Rd**

Fire Grid: **316A** Installed/Revised: **10/13/2005** Removed/Destroyed: **7/1/2013**

Notes: **Destroyed, Replaced by New B-10A**

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: B-10A

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,311,237.3910**      Easting: **409,934.9316**      Elevation: **31.9497**

Location: **NW corner of Belleair Rd / S Keene Rd, on storm curb inlet.**

Fire Grid: **315B**    Installed/Revised: **12/3/2013**    Removed/Destroyed:

Notes: **New Location, Replaced Destroyed B-10**

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: B-11

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,311,199.1830**

Easting: **412,779.1774**

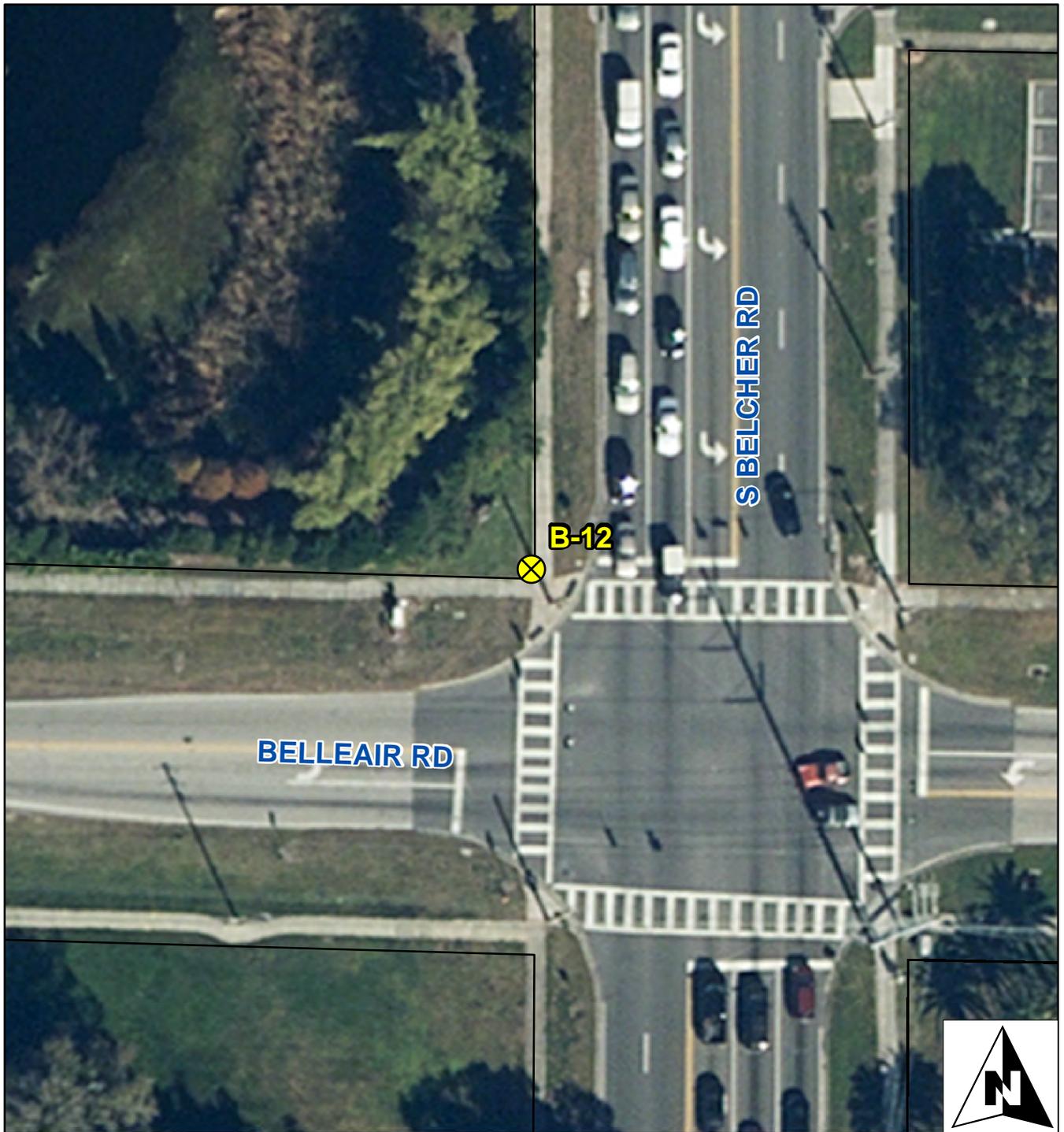
Elevation: **8.4246**

Location: **NW corner of Belleair Rd / Belleair Ct, in grass.**

Fire Grid: **316B** Installed/Revised: **10/13/2005** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: B-12

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,311,137.1200**

Easting: **415,270.0500**

Elevation: **8.9205**

Location: **NW corner of Belleair Rd / Belcher Rd, in grass.**

Fire Grid: **316B** Installed/Revised: **10/13/2005** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



0 20 40  
Feet  
1 inch = 40 feet

City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: B-13

Northing: **1,311,085.4400**

Easting: **417,416.9200**

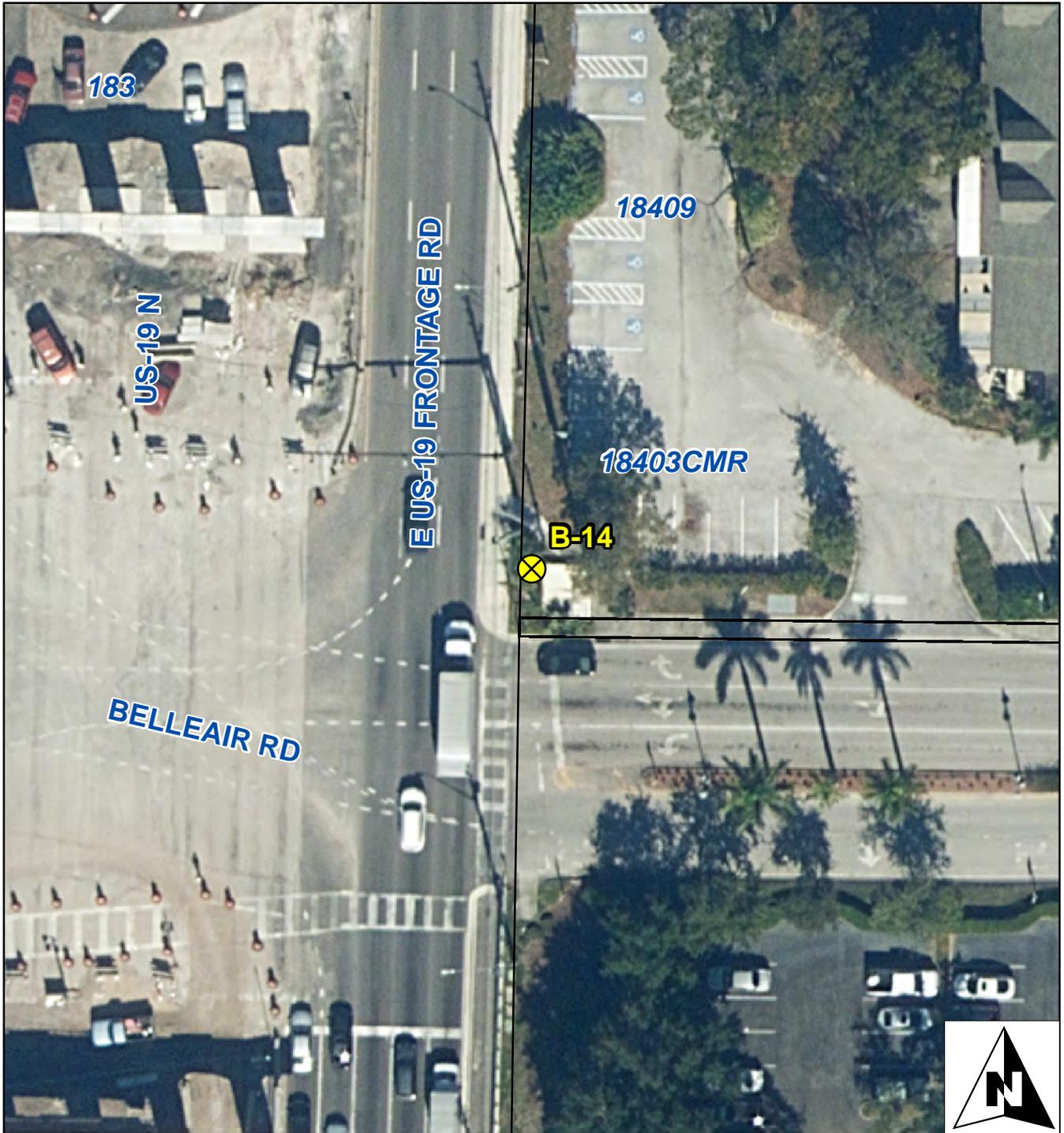
Elevation: **5.8777**

Location: **NE corner of Belleair Rd / Havana Dr, in grass.**

Fire Grid: **317A** Installed/Revised: **10/13/2005** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



Document Path: V:\GIS\Engineering\Benchmarks\Data\Benchmark.mxd

City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: B-14

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,311,020.4500**

Easting: **420,466.8700**

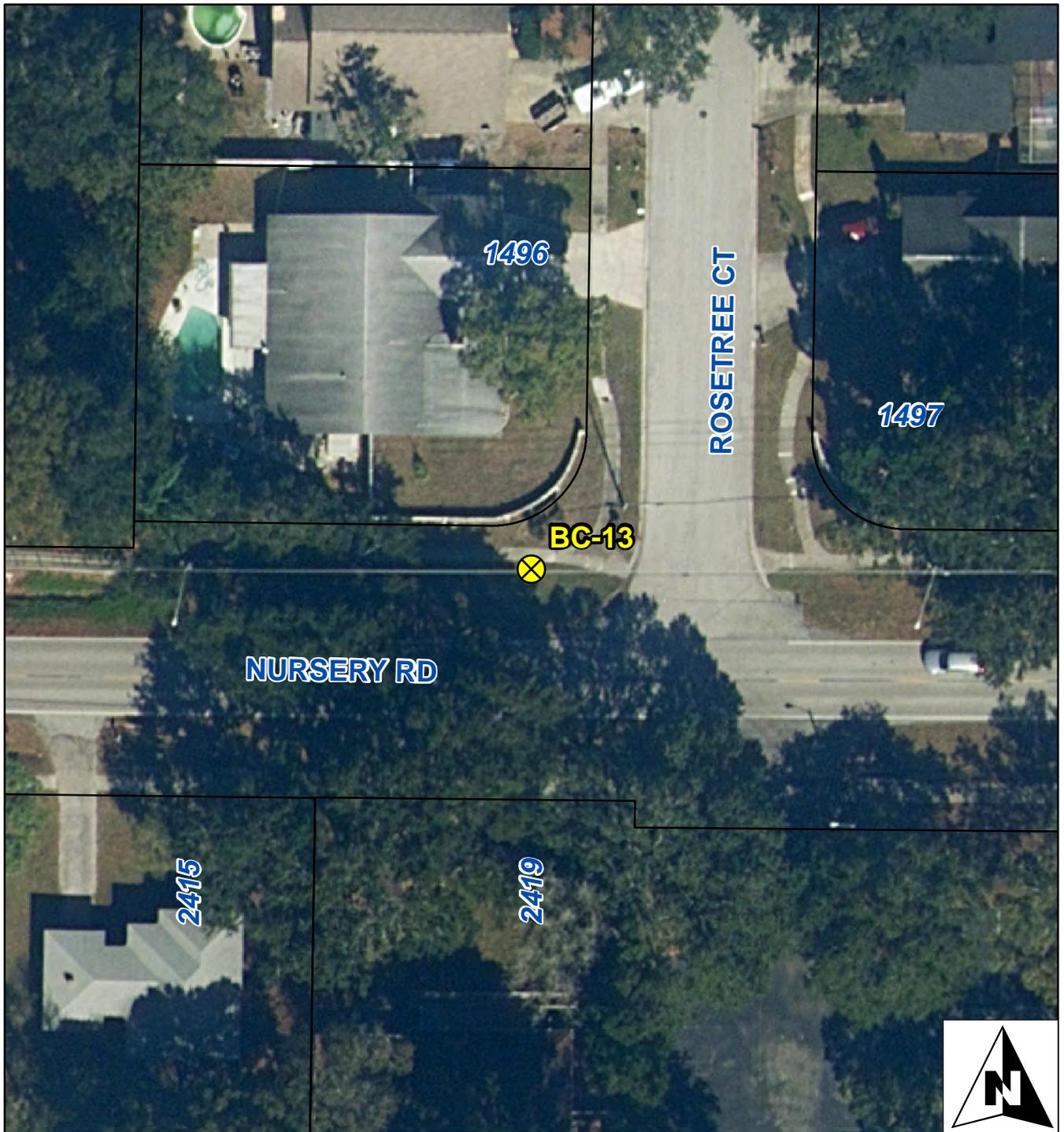
Elevation: **6.2688**

Location: **NE corner of Belleair Rd / US 19, in grass.**

Fire Grid: **318A** Installed/Revised: **10/13/2005** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



0 20 40  
Feet  
1 inch = 40 feet

City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: BC-13

Northing: **1,312,401.5600**

Easting: **418,015.7000**

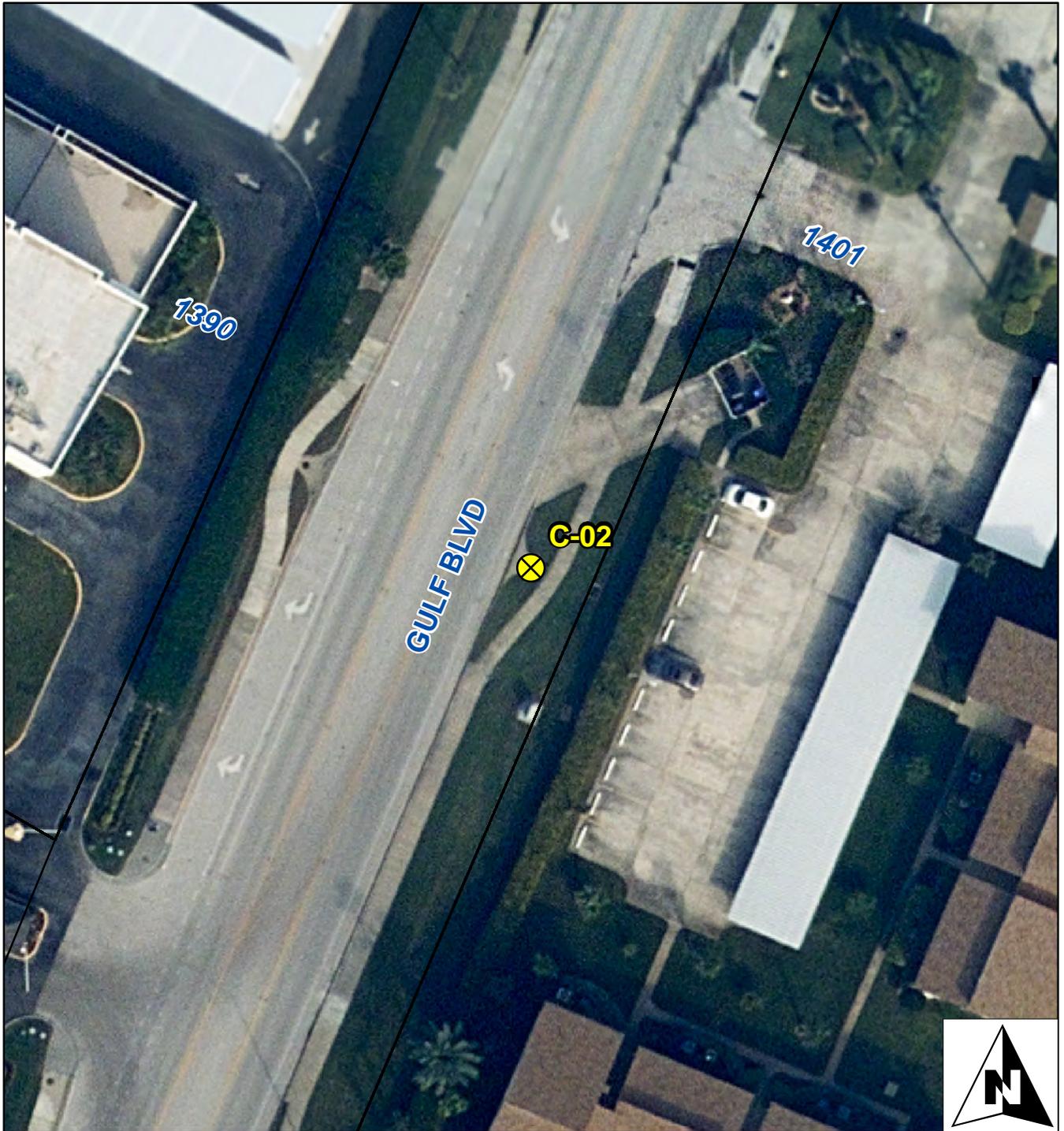
Elevation: **14.1928**

Location: **NW corner of Nursery Rd / Rosetree Ct, in grass.**

Fire Grid: **317B** Installed/Revised: **10/13/2005** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: C-02

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,314,044.7000**

Easting: **386,789.2700**

Elevation: **4.9820**

Location: **E side of road at 1401 Gulf Blvd, on storm curb inlet.**

Fire Grid: **311B** Installed/Revised: **10/13/2005** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: C-05.5

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,314,116.2300**

Easting: **397,930.6600**

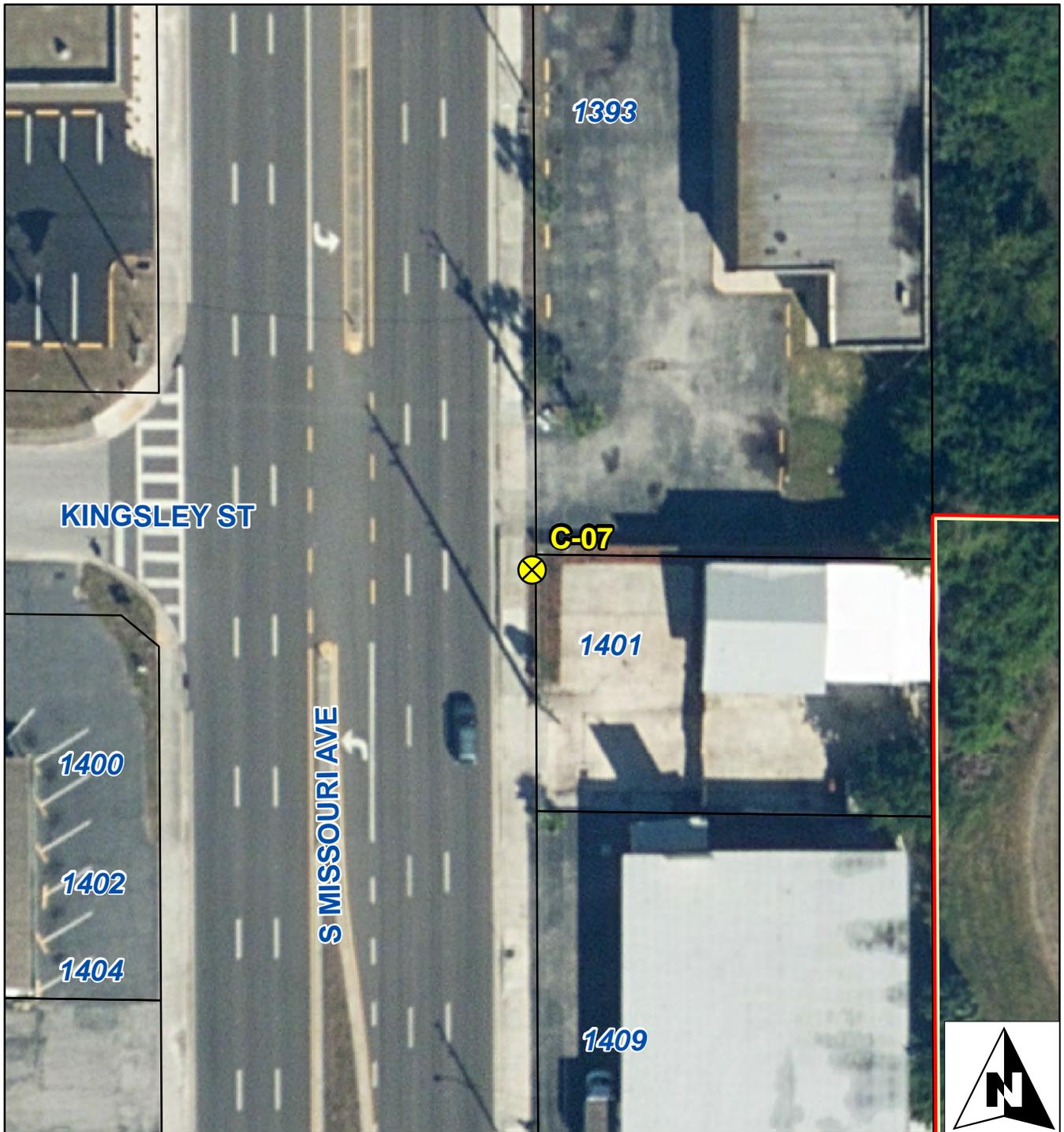
Elevation: **45.0500**

Location: **NE corner of E St / S Fort Harrison Ave, on sidewalk curb.**

Fire Grid: **305B** Installed/Revised: **10/13/2005** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: C-07

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,313,948.5900**

Easting: **401,979.3300**

Elevation: **63.9362**

Location: **E side of road at 1401 Missouri Ave**

Fire Grid: **314B** Installed/Revised: **10/13/2005** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



Document Path: V:\GIS\Engineering\Benchmarks\Data\Benchmark.mxd

City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: C-08

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,313,855.8000**      Easting: **404,574.2200**      Elevation: **42.9468**

Location: **S side of road between 1399 / 1401 Lime St, in grass.**

Fire Grid: **315A**    Installed/Revised: **10/13/2005**    Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: C-09

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,313,751.0900**

Easting: **407,245.9800**

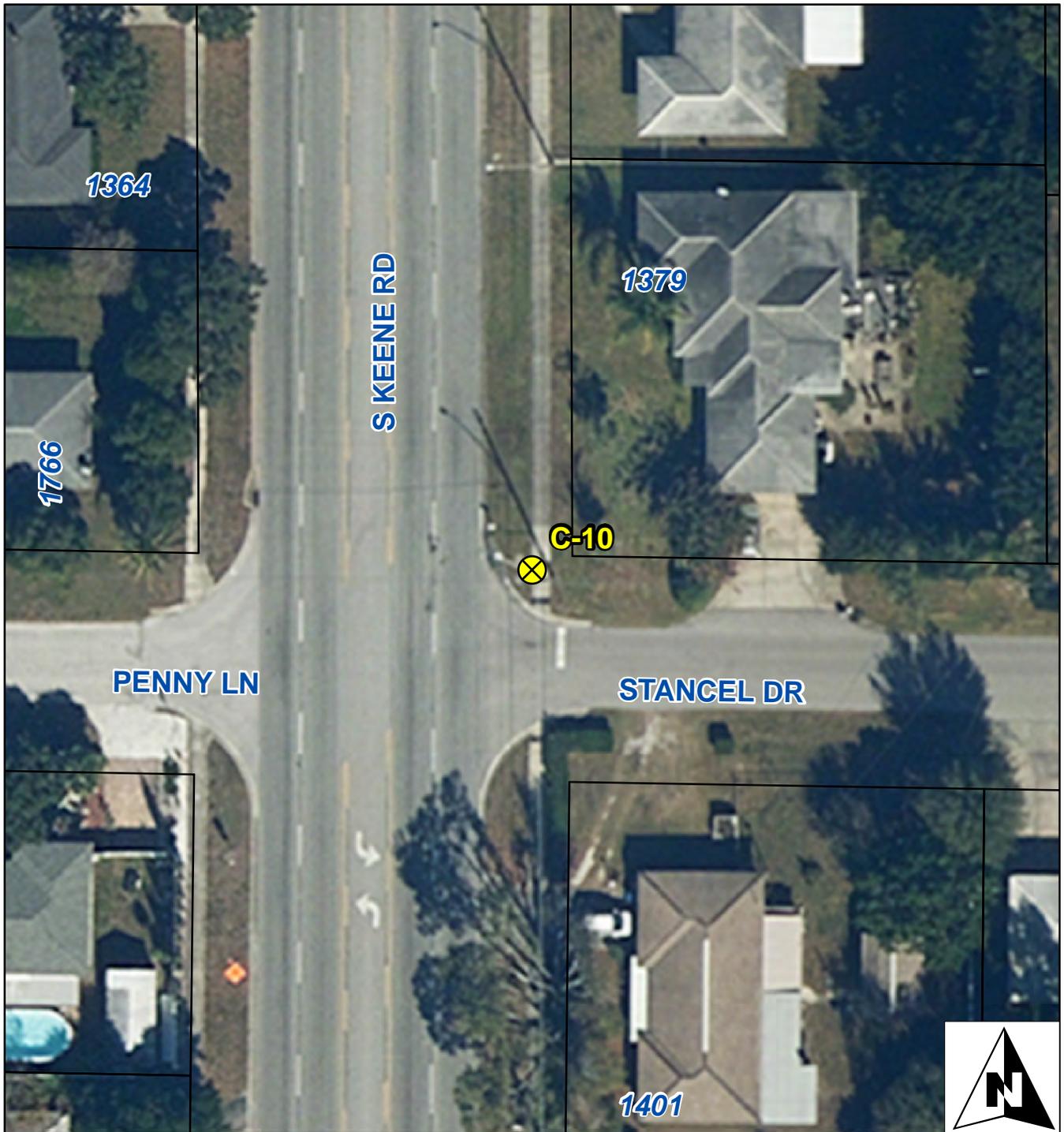
Elevation: **52.5996**

Location: **SW corner of Lime St / Lake Ave, on storm grate structure.**

Fire Grid: **315A** Installed/Revised: **10/13/2005** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: C-10

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,313,856.1600**

Easting: **410,035.6400**

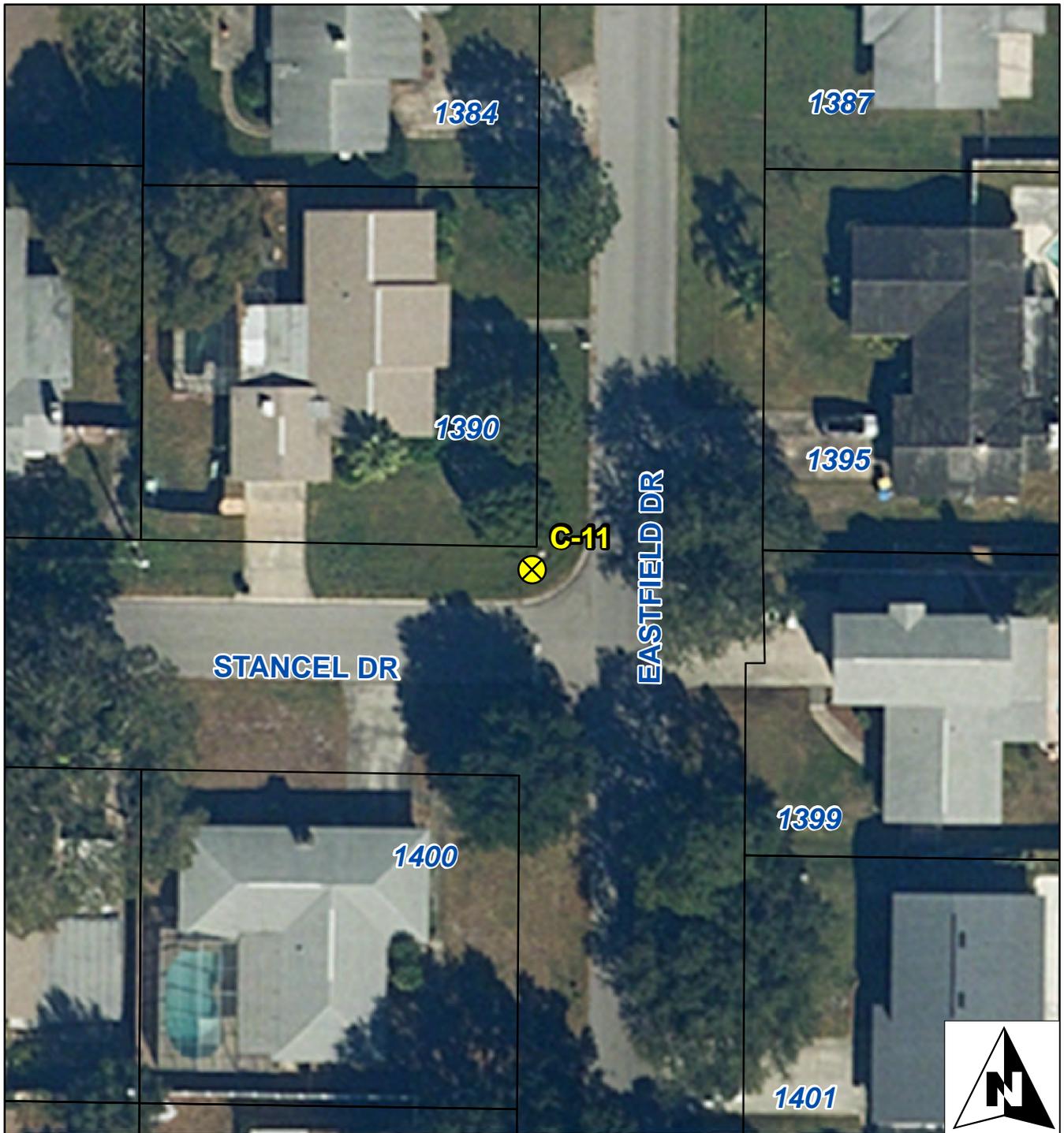
Elevation: **48.8096**

Location: **NE corner of Stancel Dr / S Keene Rd, on storm curb inlet.**

Fire Grid: **308A** Installed/Revised: **10/13/2005** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



Document Path: V:\GIS\Engineering\Benchmarks\Data\Benchmark.mxd

City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: C-11

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,313,809.3600**

Easting: **412,473.3000**

Elevation: **28.4762**

Location: **NW corner of Stancel Dr / Eastfield Dr, in grass.**

Fire Grid: **308A** Installed/Revised: **10/13/2005** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: C-12

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,313,895.5100**      Easting: **415,365.5800**      Elevation: **24.3748**

Location: **NE corner of Curtis Dr S / Belcher Rd, in sidewalk.**

Fire Grid: **309A**      Installed/Revised: **10/13/2005**      Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: C-14

0 20 40 Feet  
1 inch = 40 feet

Northing: **1,314,054.0200**

Easting: **420,352.3700**

Elevation: **16.1439**

Location: **NW corner of Harn Blvd / US 19**

Fire Grid: **309B** Installed/Revised: **10/13/2005** Removed/Destroyed: **6/1/2012**

Notes: **Destroyed, Replaced by New C-14A**

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: C-14A

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,314,118.5860**      Easting: **420,345.1820**      Elevation: **16.5922**

Location: **West side of road at 19206 US 19 N, on storm curb inlet.**

Fire Grid: **309B**    Installed/Revised: **7/25/2012**    Removed/Destroyed:

Notes: **New Location, Replaced Destroyed C-14**

# CITY OF CLEARWATER BENCHMARKS



Document Path: V:\GIS\Engineering\Benchmarks\Data\Benchmark.mxd

City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: CD-06

0 20 40  
Feet  
1 inch = 40 feet

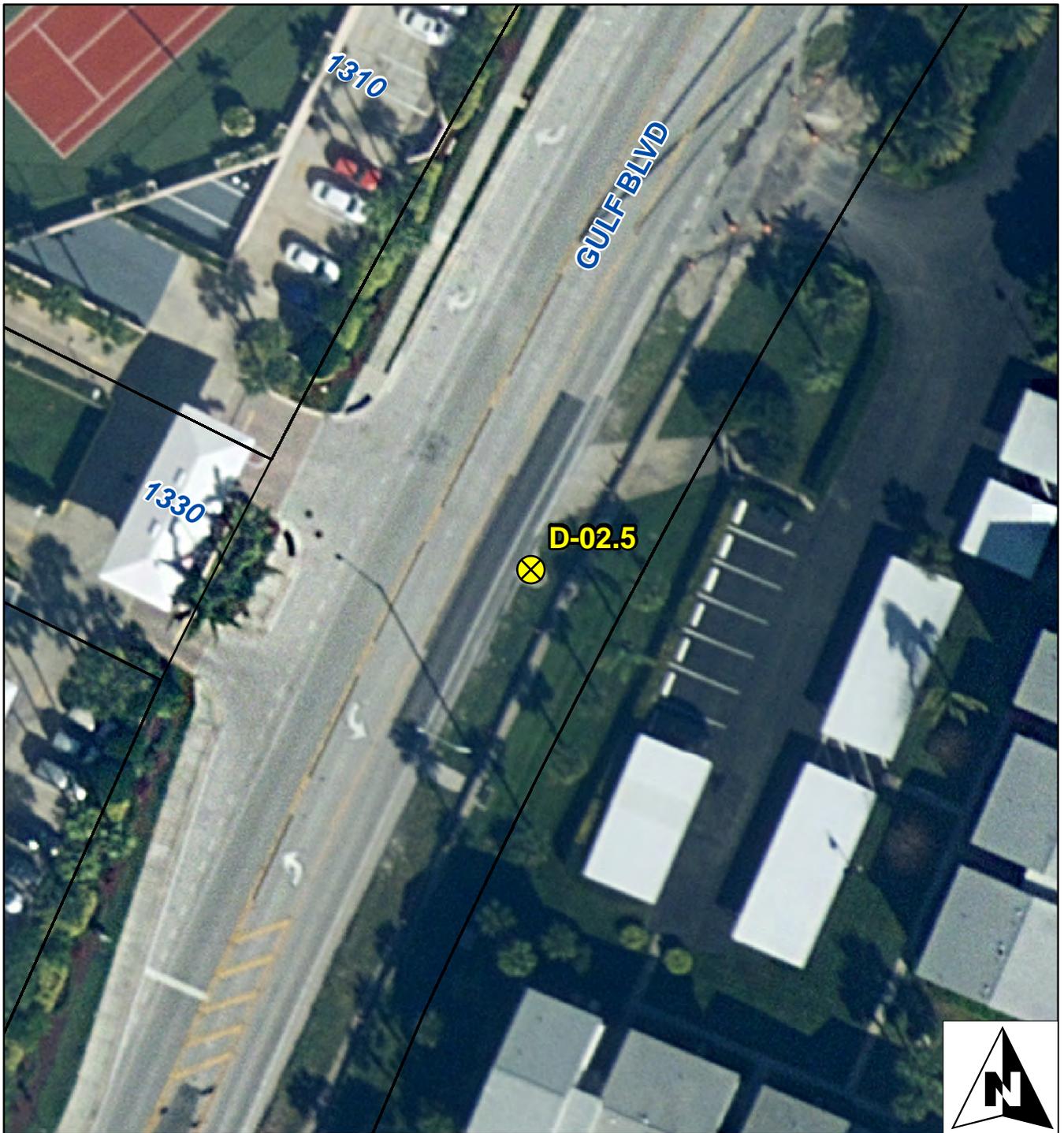
Northing: **1,315,296.2200**      Easting: **399,264.4300**      Elevation: **48.0699**

Location: **SE corner of A st / S Myrtle Ave, on storm curb inlet.**

Fire Grid: **306A**      Installed/Revised: **11/29/2005**      Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



Document Path: V:\GIS\Engineering\BenchmarksData\Benchmark.mxd

City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: D-02.5

0 20 40  
Feet  
1 inch = 40 feet

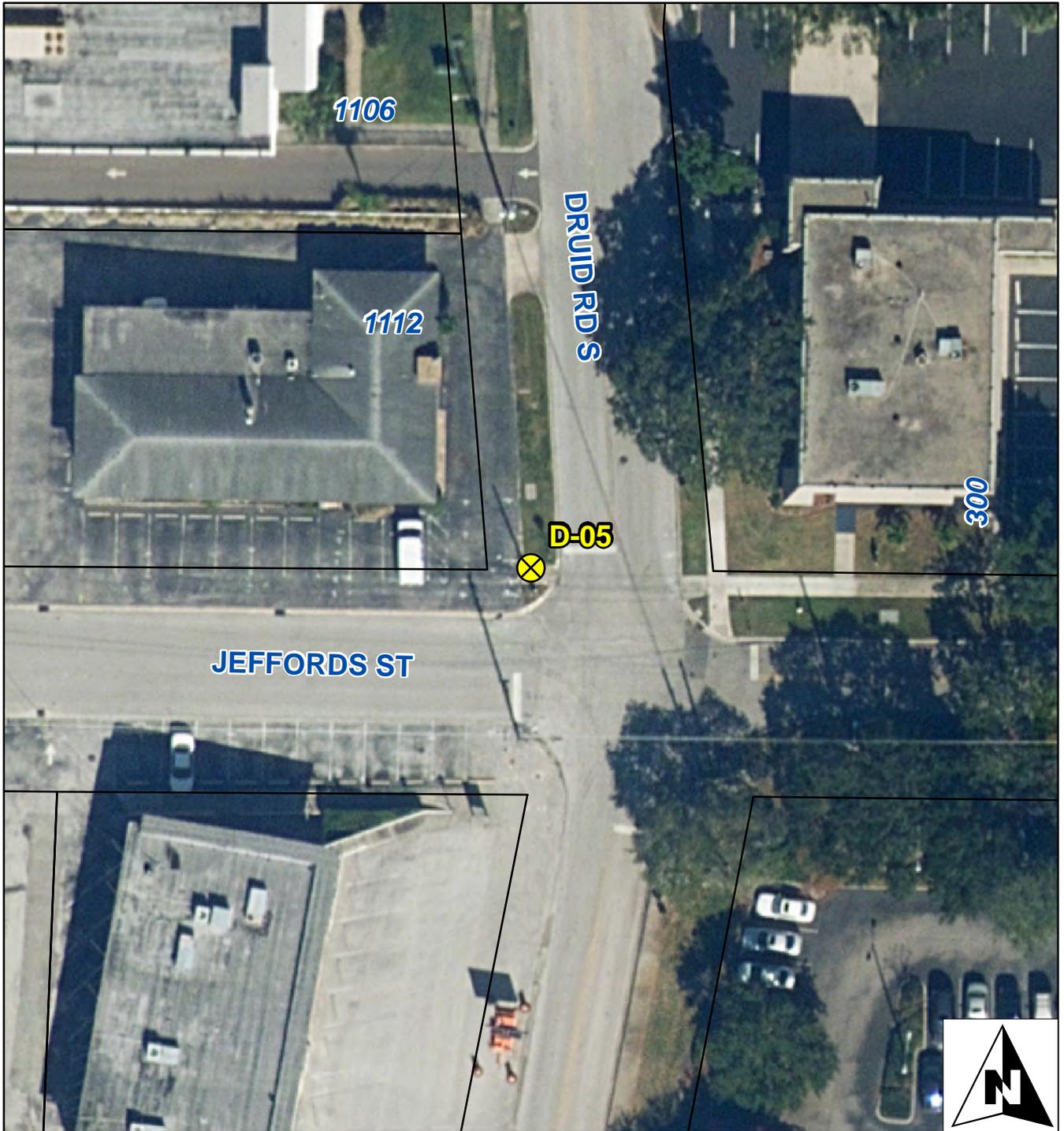
Northing: **1,315,041.8100**      Easting: **387,212.9800**      Elevation: **4.9009**

Location: **E side of road at 1351 Gulf Blvd, on storm curb inlet.**

Fire Grid: **303B**      Installed/Revised: **10/13/2005**      Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: D-05

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,316,744.4500**      Easting: **396,258.8200**      Elevation: **15.9246**

Location: **NW corner of Jeffords St / S Druid Rd, on sidewalk.**

Fire Grid: **295A**      Installed/Revised: **10/13/2005**      Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



Document Path: V:\GIS\Engineering\Benchmarks\Data\Benchmark.mxd

City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: D-06

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,316,638.5600**

Easting: **399,291.5900**

Elevation: **41.9916**

Location: **SE corner of Jeffords St / S Myrtle Ave, in grass.**

Fire Grid: **306A** Installed/Revised: **11/29/2005** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: D-07

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,316,648.2700**

Easting: **401,969.9800**

Elevation: **50.8206**

Location: **NE corner of Jeffords St / S Missouri Ave, in grass.**

Fire Grid: **296B** Installed/Revised: **10/13/2005** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: D-08

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,316,568.1200**

Easting: **404,576.0000**

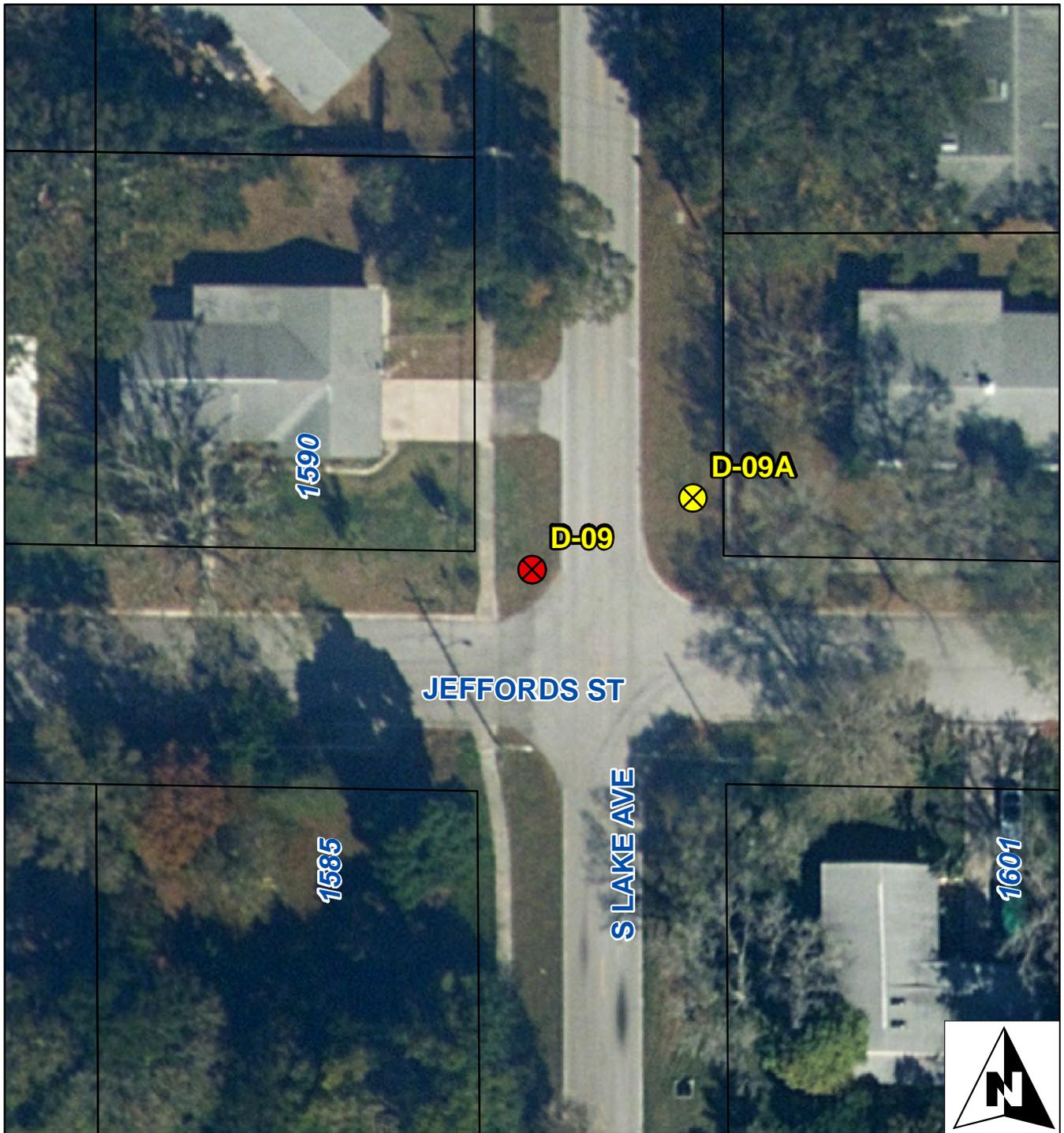
Elevation: **25.8114**

Location: **S side island of Jeffords St / Hillcrest Ave, in concrete island.**

Fire Grid: **307A** Installed/Revised: **10/13/2005** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: D-09

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,316,566.7100**

Easting: **407,227.7100**

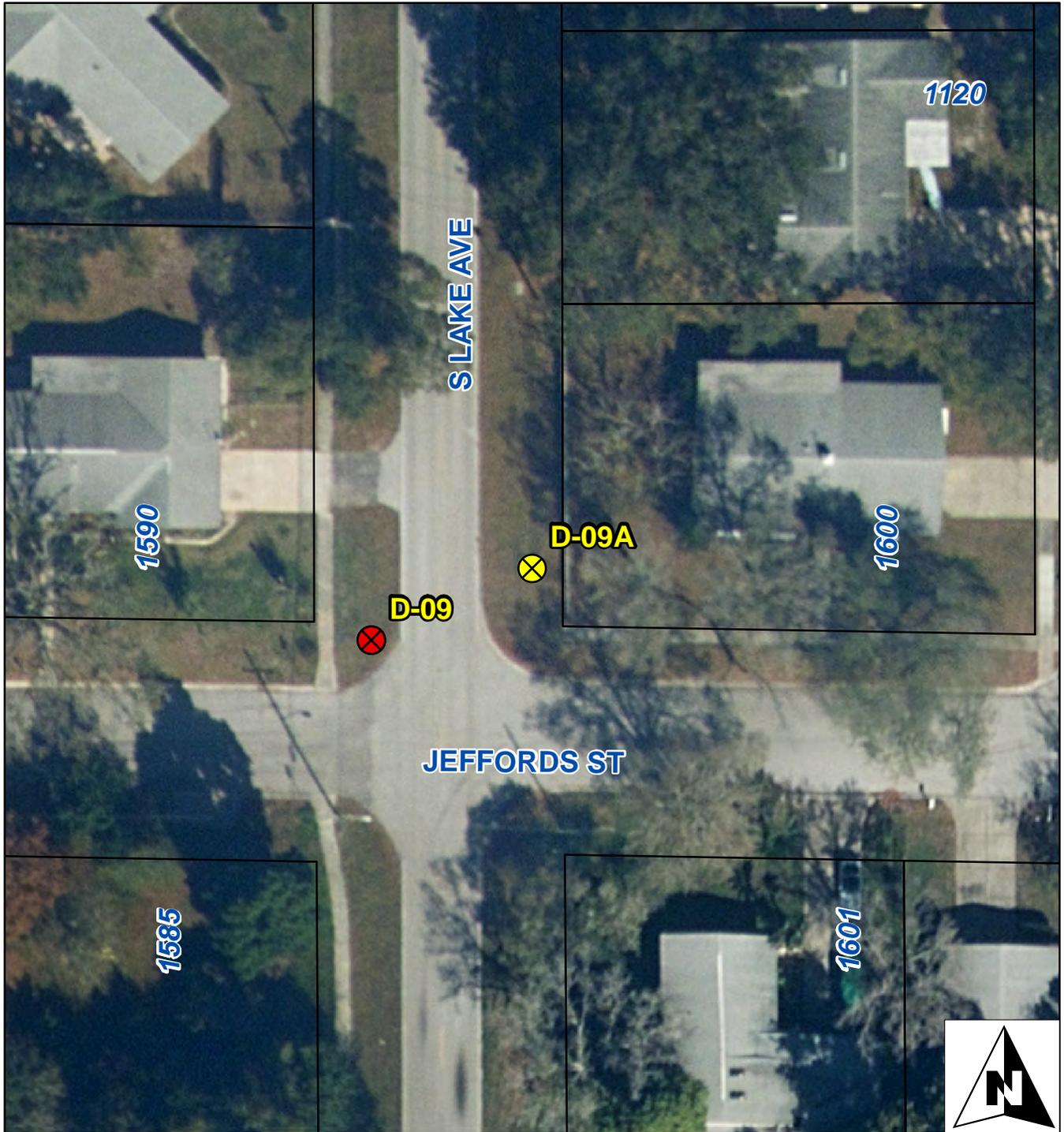
Elevation: **31.2504**

Location: **NW corner of Jeffords St / Lake Ave**

Fire Grid: **297A** Installed/Revised: **10/13/2005** Removed/Destroyed: **4/1/2013**

Notes: **Destroyed, Replaced by New D-09A**

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: D-09A

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,316,587.1890**      Easting: **407,273.0870**      Elevation: **32.1802**

Location: **NE corner of Jeffords St / Lake Ave, on storm grate structure.**

Fire Grid: **297B**      Installed/Revised: **7/8/2013**      Removed/Destroyed:

Notes: **New Location, Replaced Destroyed D-09**

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: D-10

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,316,372.7000**

Easting: **410,034.2500**

Elevation: **41.4297**

Location: **NE corner of Kendall Dr / S Kenne Rd**

Fire Grid: **308A** Installed/Revised: **10/13/2005** Removed/Destroyed: **2/1/2013**

Notes: **Destroyed, Replaced by New D-10A**

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: D-10A

0 20 40 Feet  
1 inch = 40 feet

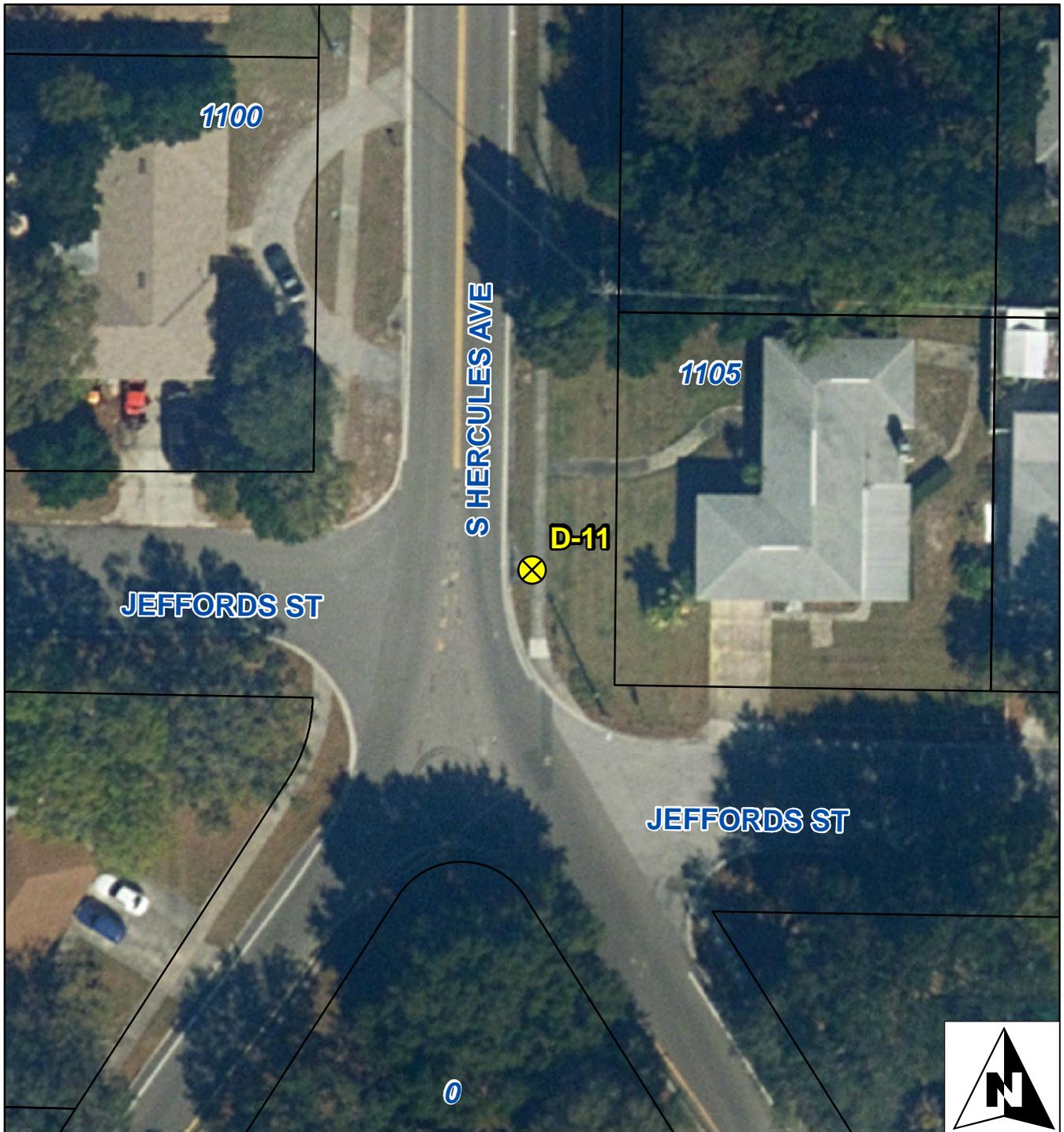
Northing: **1,316,318.0060**      Easting: **409,959.8640**      Elevation: **41.3230**

Location: **W side of road at Kendall Dr / S Keene Rd, on storm curb inlet.**

Fire Grid: **307B**    Installed/Revised: **10/8/2014**    Removed/Destroyed:

Notes: **New Location, Replaced Destroyed D-10**

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: D-11

0 20 40  
Feet  
1 inch = 40 feet

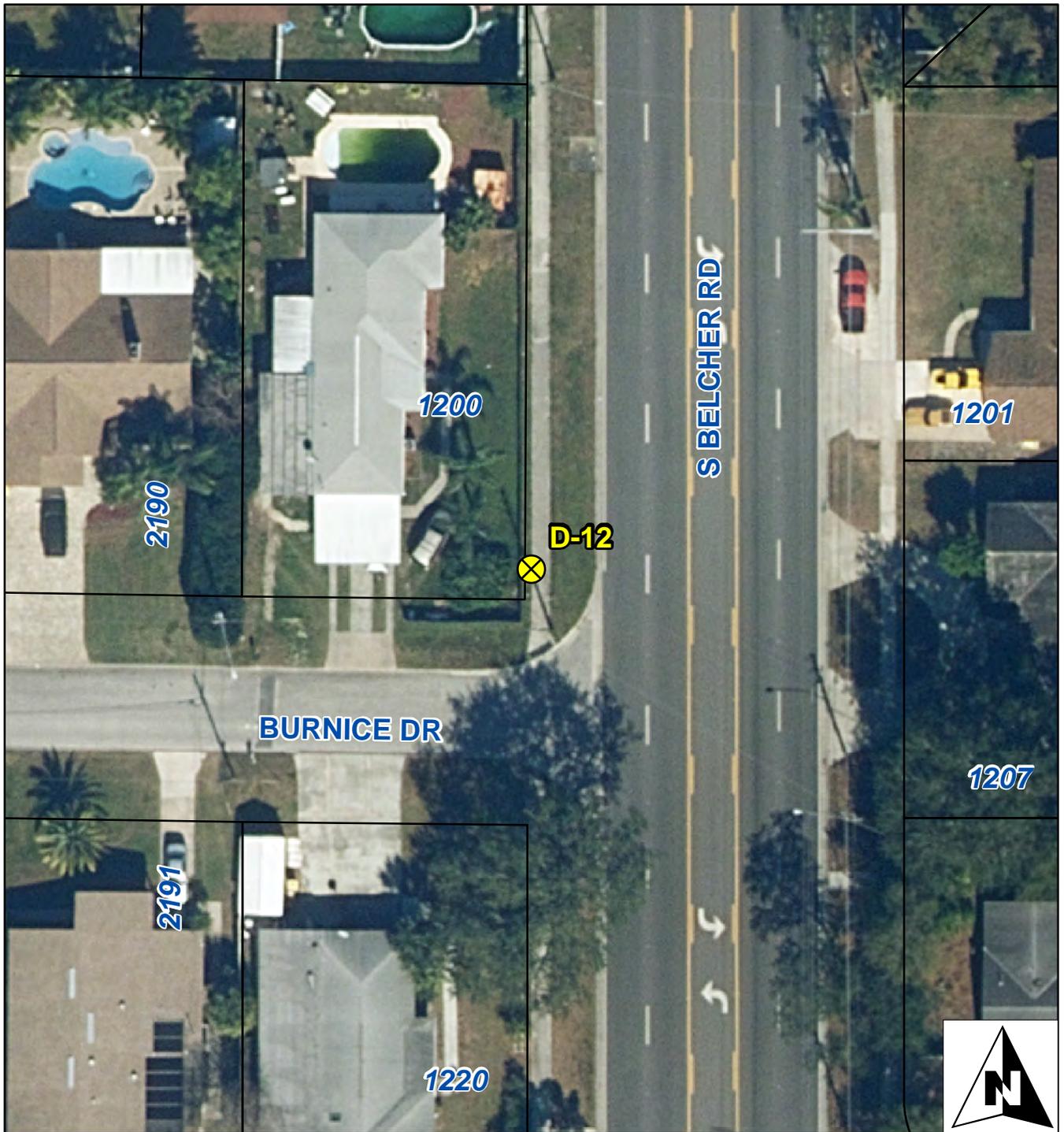
Northing: **1,316,518.0600**      Easting: **412,673.5100**      Elevation: **60.1588**

Location: **NE corner of Jeffords St / S Hercules Ave, on storm curb inlet.**

Fire Grid: **298B**      Installed/Revised: **10/13/2005**      Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: D-12

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,316,285.8500**

Easting: **415,268.7100**

Elevation: **53.7376**

Location: **NW corner of Burnice Dr / S Belcher Rd, in sidewalk.**

Fire Grid: **308B** Installed/Revised: **10/13/2005** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: D-13

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,316,413.8400**

Easting: **417,626.1000**

Elevation: **36.6683**

Location: **NW corner of Glenmoor Rd N / Flushing Dr, in grass.**

Fire Grid: **309A** Installed/Revised: **10/13/2005** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: D-14

0 20 40  
Feet  
1 inch = 40 feet

Northing: 1,316,361.0000

Easting: 420,377.8400

Elevation: 24.5208

Location: W side of road at 19850 US 19 N

Fire Grid: 309B Installed/Revised: 10/13/2005 Removed/Destroyed: 9/1/2011

Notes: Destroyed, Replaced by New D-14A

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: D-14A

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,316,433.9110**      Easting: **420,379.8486**      Elevation: **25.2135**

Location: **W side of road at 19820 US 19 N, on storm curb inlet.**

Fire Grid: **299B**    Installed/Revised: **7/8/2013**    Removed/Destroyed:

Notes: **New Location, Replaced Destroyed D-14**

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: E-03

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,317,545.7800**

Easting: **389,269.7400**

Elevation: **4.9973**

Location: **NW corner of Gulf Blvd / Sand Key Park entrance, on storm curb inlet.**

Fire Grid: **294A** Installed/Revised: **10/13/2005** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: E-05

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,319,217.5100**

Easting: **396,886.0500**

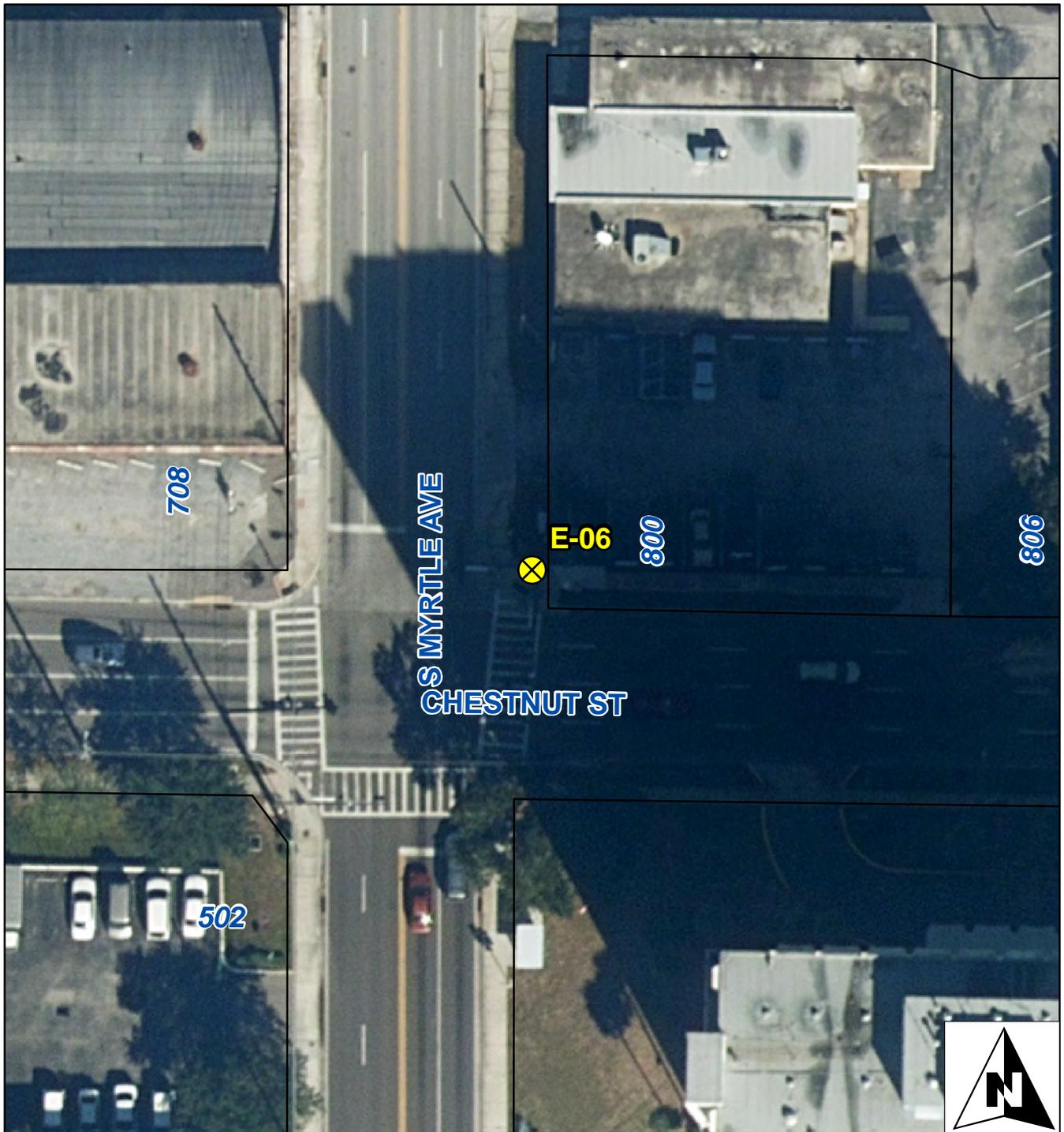
Elevation: **34.9600**

Location: **NE corner of Rogers St / Orange Ave, in sidewalk.**

Fire Grid: **295B** Installed/Revised: **10/13/2005** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: E-06

0 20 40  
Feet  
1 inch = 40 feet

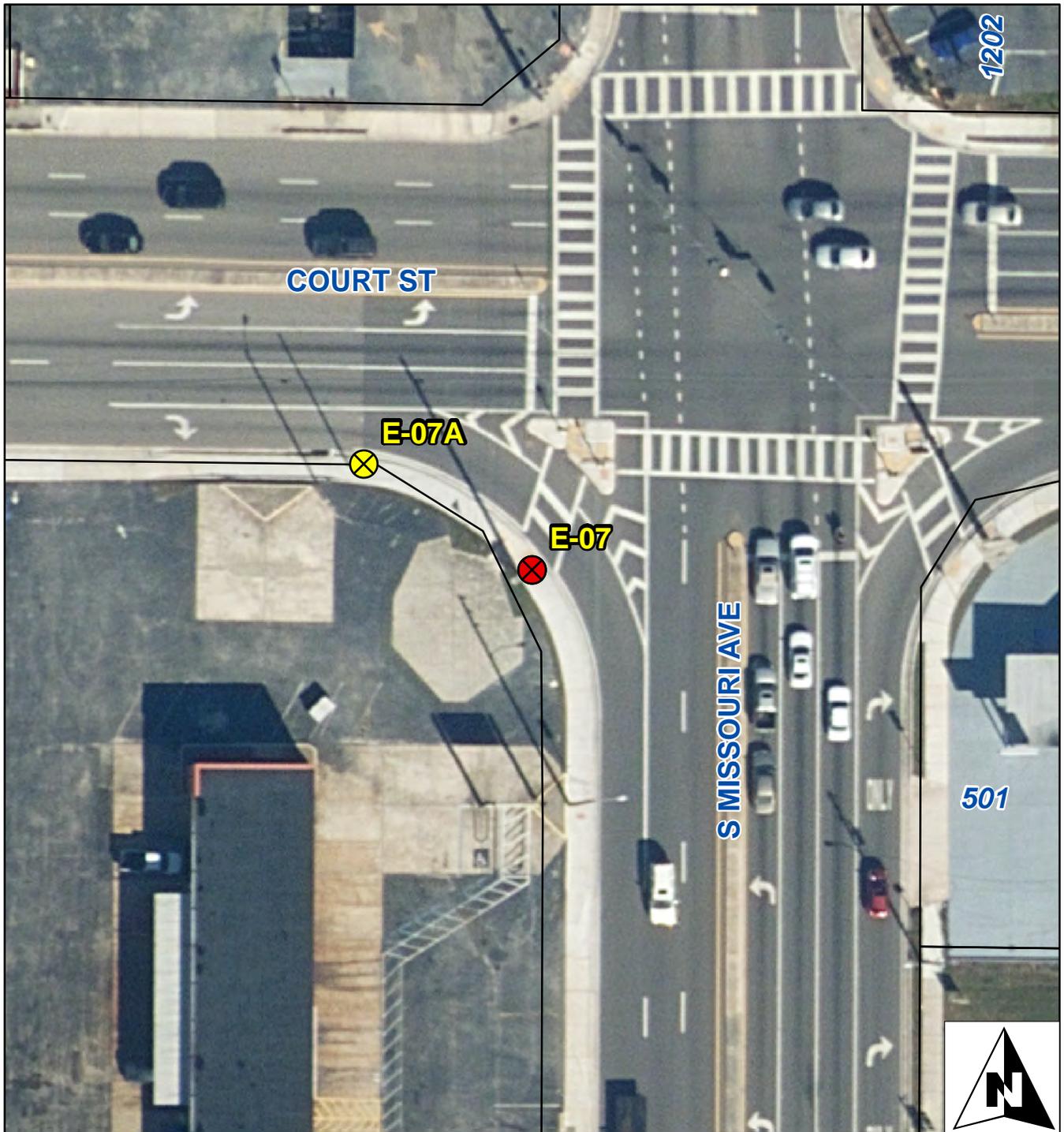
Northing: **1,319,356.5390**      Easting: **399,289.1145**      Elevation: **22.6319**

Location: **NE corner of Chestnut St / S Myrtle Ave, on traffic light pole slab.**

Fire Grid: **287A**      Installed/Revised: **5/18/2006**      Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: E-07

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,319,210.6400**

Easting: **401,857.1200**

Elevation: **35.8625**

Location: **SW corner of Court St / S Missouri Ave**

Fire Grid: **296A** Installed/Revised: **10/13/2005** Removed/Destroyed: **1/1/2013**

Notes: **Destroyed, Replaced by New E-07A**

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: E-07.5

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,319,906.9700**

Easting: **403,512.9900**

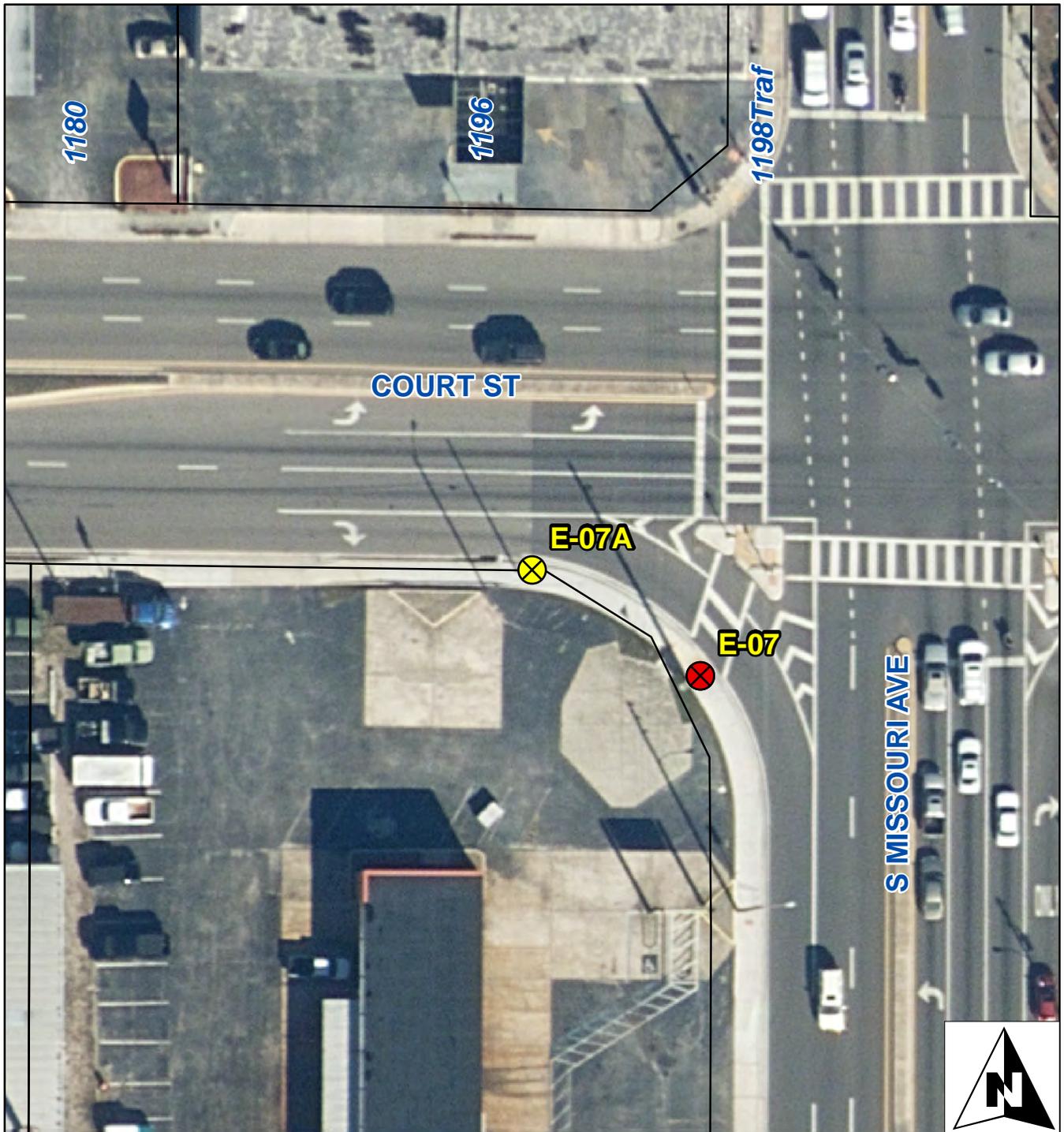
Elevation: **17.5967**

Location: **S side of Franklin St, W of Franklin Street Bridge, on storm curb inlet.**

Fire Grid: **287B** Installed/Revised: **10/13/2005** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: E-07A

0 20 40  
Feet  
1 inch = 40 feet

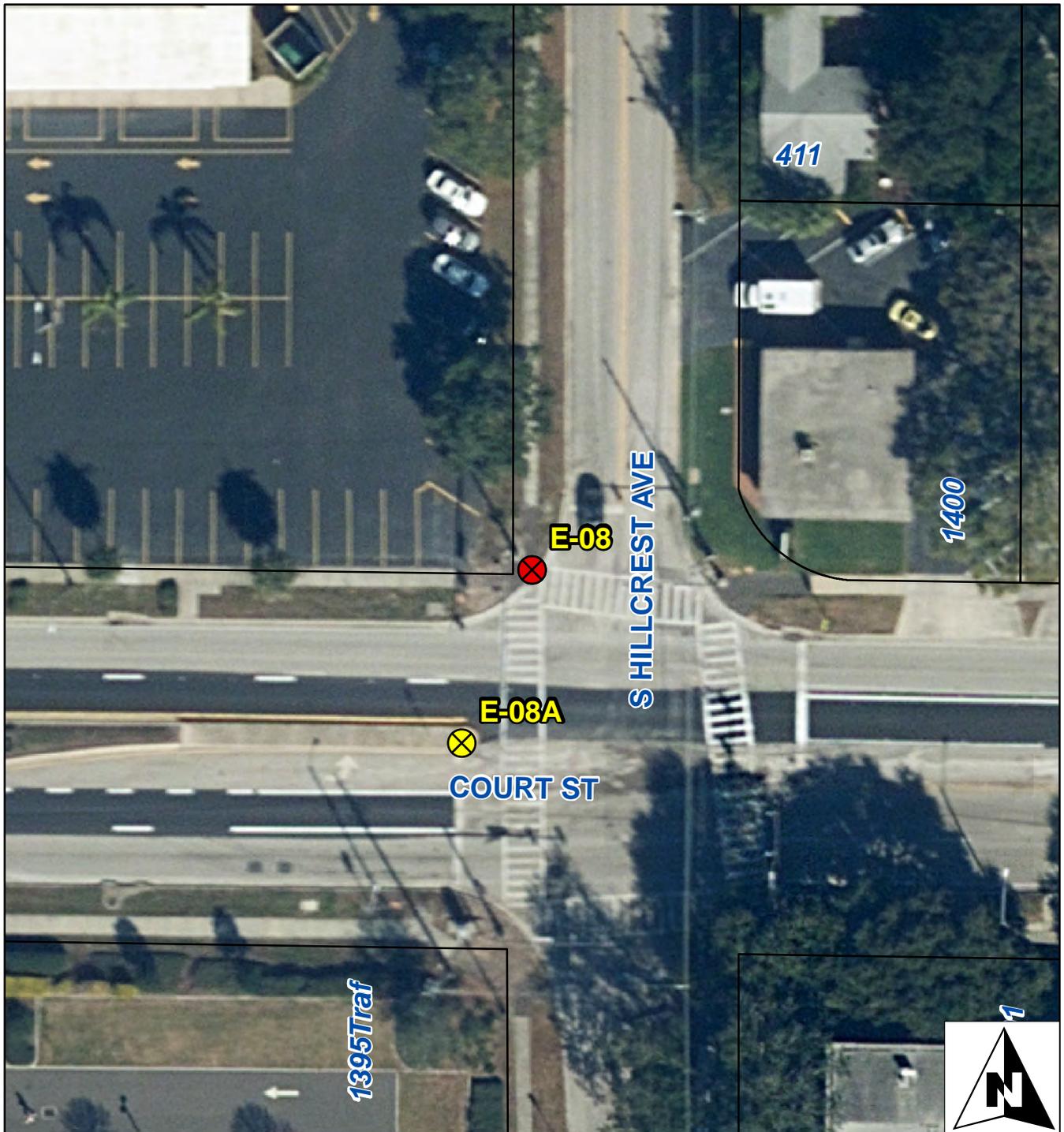
Northing: **1,319,239.6500**      Easting: **401,795.0860**      Elevation: **37.4760**

Location: **SW corner of Court St / S Missouri Ave, on storm curb inlet.**

Fire Grid: **296A**      Installed/Revised: **6/27/2013**      Removed/Destroyed:

Notes: **New Location, Replaced Destroyed E-07**

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: E-08

0 20 40 Feet  
1 inch = 40 feet

Northing: **1,319,297.9400**

Easting: **404,553.7200**

Elevation: **43.5558**

Location: **NW corner of Court St / S Hillcrest Ave**

Fire Grid: **287B** Installed/Revised: **10/13/2005** Removed/Destroyed: **3/1/2014**

Notes: **Destroyed, Replaced by New E-08A**

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: E-08A

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,319,252.1543**

Easting: **404,536.4460**

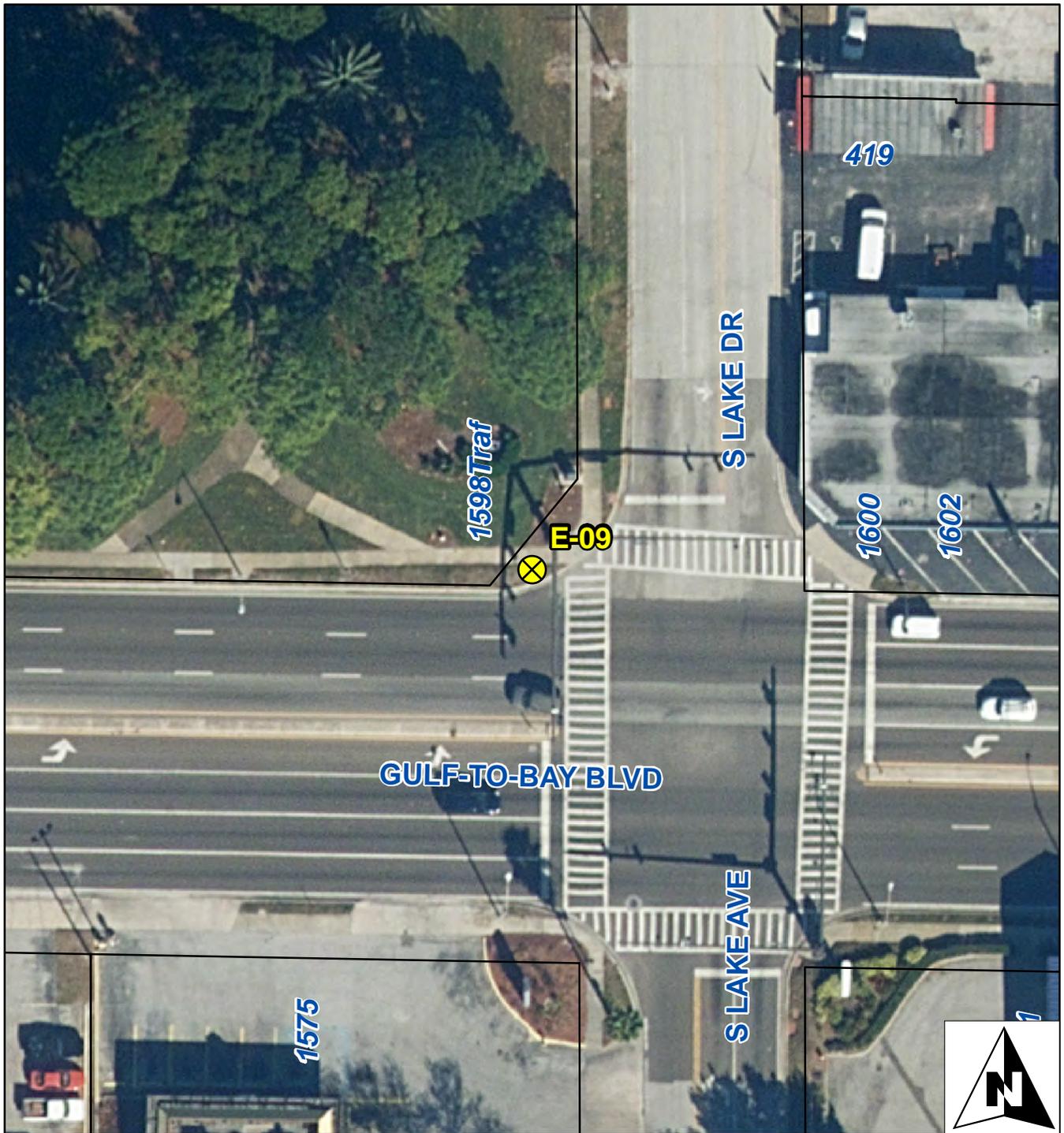
Elevation: **43.9580**

Location: **W median at Court St / Hillcrest Ave, in median.**

Fire Grid: **287B** Installed/Revised: **10/9/2014** Removed/Destroyed:

Notes: **New Location, Replaced Destroyed E-08**

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: E-09

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,319,252.3100**

Easting: **407,197.8800**

Elevation: **71.8694**

Location: **NW corner of Gulf to Bay Blvd / S Lake Dr, in grass.**

Fire Grid: **288A** Installed/Revised: **10/13/2005** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: E-10

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,319,068.8300**

Easting: **410,024.1200**

Elevation: **65.1422**

Location: **SE corner of Gulf to Bay Blvd / S Keene Rd, in grass.**

Fire Grid: **298A** Installed/Revised: **10/13/2005** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: E-11

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,319,049.6000**      Easting: **412,578.0200**      Elevation: **70.9657**

Location: **SW corner of Gulf to Bay Blvd / S Hercules Ave, in grass.**

Fire Grid: **298A**    Installed/Revised: **10/13/2005**    Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: E-12

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,319,026.9700**

Easting: **415,270.9900**

Elevation: **72.2814**

Location: **SW corner of Gulf to Bay Blvd / S Belcher Rd**

Fire Grid: **298B** Installed/Revised: **10/13/2005** Removed/Destroyed: **3/1/2014**

Notes: **Destroyed, Replaced by New E-12A**

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: E-12A

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,319,043.3370**

Easting: **415,383.2230**

Elevation: **72.1445**

Location: **SE corner of Gulf to Bay Blvd / S Belcher Rd, on storm curb inlet.**

Fire Grid: **299A** Installed/Revised: **3/27/2014** Removed/Destroyed:

Notes: **New Location, Replaced Destroyed E-12**

# CITY OF CLEARWATER BENCHMARKS



Document Path: V:\GIS\Engineering\Benchmarks\Data\Benchmark.mxd

City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: E-13

0 20 40  
Feet  
1 inch = 40 feet



Northing: **1,319,078.3200**

Easting: **417,687.8700**

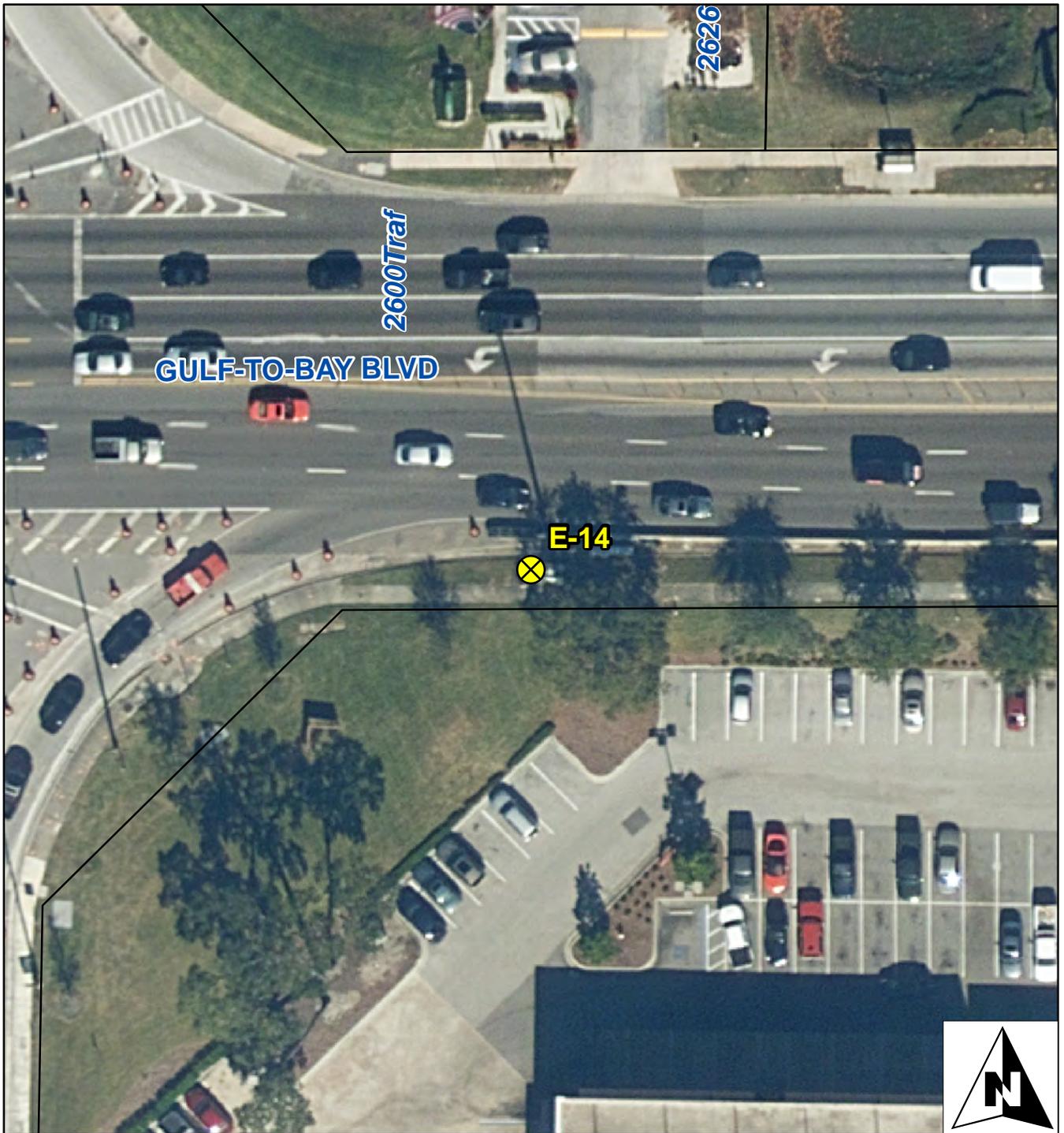
Elevation: **67.9487**

Location: **W median on Gulf to Bay Blvd at S Fernwood Ave, in median.**

Fire Grid: **290A** Installed/Revised: **10/13/2005** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: E-14

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,319,008.5400**

Easting: **420,757.9200**

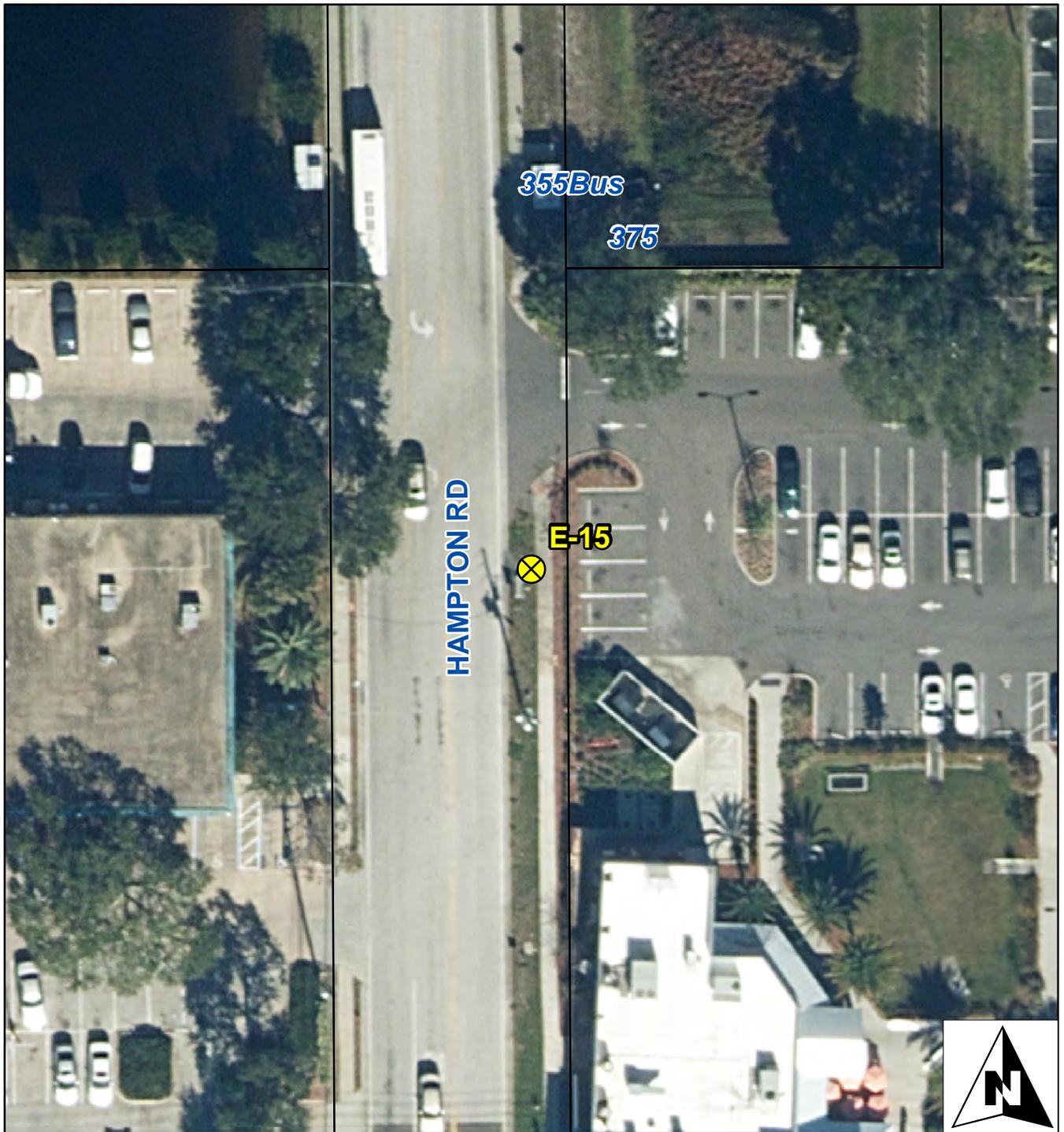
Elevation: **47.3849**

Location: **SE corner of Gulf to Bay Blvd / US 19, in grass.**

Fire Grid: **300A** Installed/Revised: **10/13/2005** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



0 20 40  
Feet  
1 inch = 40 feet

City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: E-15

Northing: **1,319,319.8800**

Easting: **423,294.3200**

Elevation: **30.0160**

Location: **E side of Hampton Rd at 2800 Gulf to Bay Blvd, on bench concrete slab.**

Fire Grid: **291B** Installed/Revised: **3/14/2006** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: E-16

0 20 40  
Feet  
1 inch = 40 feet

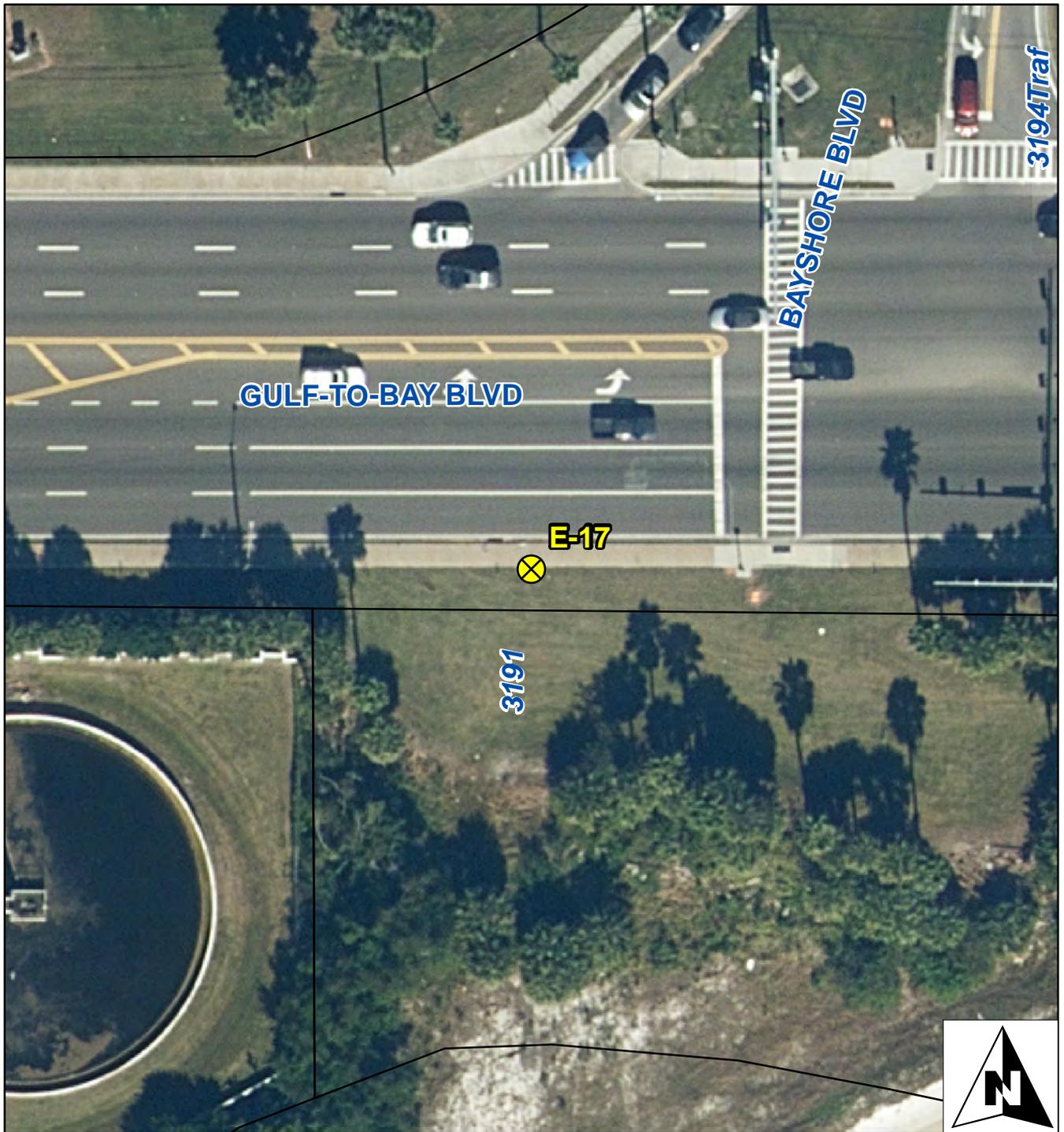
Northing: **1,319,138.9900**      Easting: **425,948.4100**      Elevation: **29.3684**

Location: **NW corner of Gulf to Bay Blvd/Bayview Ave, on top of wall.**

Fire Grid: **291B**      Installed/Revised: **10/13/2005**      Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: E-17

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,319,019.3200**      Easting: **428,426.0000**      Elevation: **6.6512**

Location: **S side of Gulf to Bay Blvd, W of Bayshore Blvd, on sidewalk.**

Fire Grid: **301A**    Installed/Revised: **10/13/2005**    Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: EF-05.5

0 20 40  
Feet  
1 inch = 40 feet

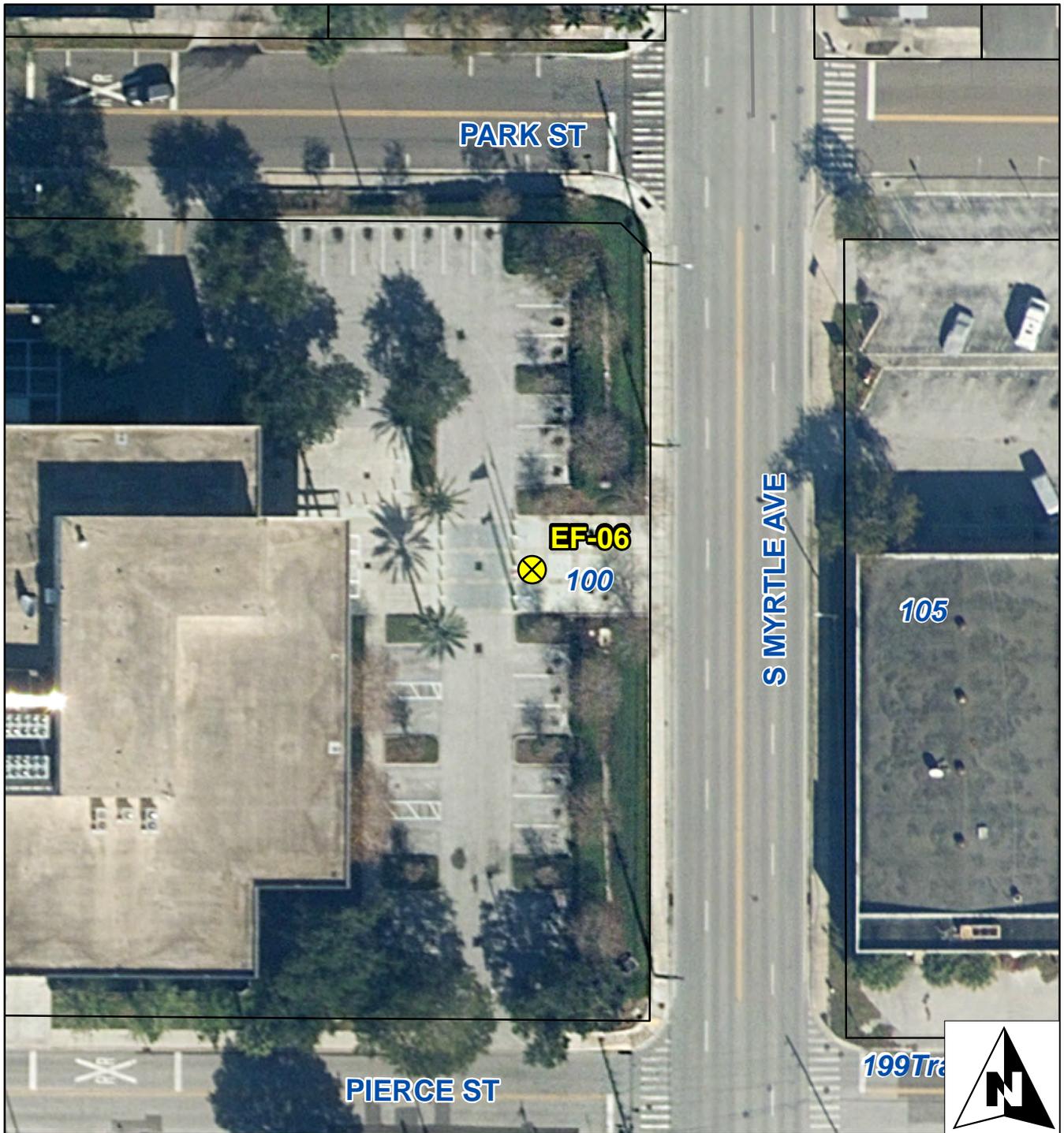
Northing: **1,320,486.9500**      Easting: **397,516.4200**      Elevation: **29.1053**

Location: **NW corner of Pierce St / S Osceola Ave, on sidewalk.**

Fire Grid: **286B**      Installed/Revised: **10/13/2005**      Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: EF-06

0 25 50  
Feet  
1 inch = 50 feet

Northing: **1,320,587.0100**

Easting: **399,184.6400**

Elevation: **25.3313**

Location: **W side of street in parking lot / 100 S Myrtle Ave**

Fire Grid: **286B** Installed/Revised: **10/13/2005** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



Document Path: V:\GIS\Engineering\BenchmarksData\Benchmark.mxd

City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: F-02

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,322,158.9800**

Easting: **388,711.7700**

Elevation: **4.0574**

Location: **S side of Gulfview Blvd at Hamden Drive, in dirt planter.**

Fire Grid: **276A** Installed/Revised: **10/13/2005** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: F-03.5

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,321,193.6600**

Easting: **390,727.5600**

Elevation: **10.5206**

Location: **In island at S Gulfview Blvd / Gulf Blvd, in grass.**

Fire Grid: **285A** Installed/Revised: **1/1/2011** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: F-04

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,321,527.0700**      Easting: **392,108.3700**      Elevation: **4.1004**

Location: **1.4 feet from seawall at 895 S Gulfview Blvd, in grass.**

Fire Grid: **285B**      Installed/Revised: **10/13/2005**      Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: F-05

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,321,906.9900**

Easting: **396,836.2000**

Elevation: **6.5075**

Location: **In island at Coachman Park at Ferry Station, in grass.**

Fire Grid: **286B** Installed/Revised: **10/13/2005** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: F-06

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,321,940.4900**

Easting: **399,209.1000**

Elevation: **26.9612**

Location: **SW corner of Drew St / N Myrtle Ave, on storm curb inlet.**

Fire Grid: **286B** Installed/Revised: **10/13/2005** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: F-07

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,321,891.8500**

Easting: **401,757.3100**

Elevation: **40.7157**

Location: **In island at Drew St / NE Cleveland St**

Fire Grid: **287A** Installed/Revised: **10/13/2005** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: F-08

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,321,935.1500**

Easting: **404,552.4100**

Elevation: **27.9288**

Location: **NW corner of Drew St / Hillcrest Dr, in grass.**

Fire Grid: **278B** Installed/Revised: **10/13/2005** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: F-09

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,321,890.0400**

Easting: **407,236.4300**

Elevation: **68.7492**

Location: **N side of road at 1800 Drew St, in grass.**

Fire Grid: **279A** Installed/Revised: **10/13/2005** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: F-10

0 20 40  
Feet  
1 inch = 40 feet



Northing: **1,321,908.5900**

Easting: **409,837.4100**

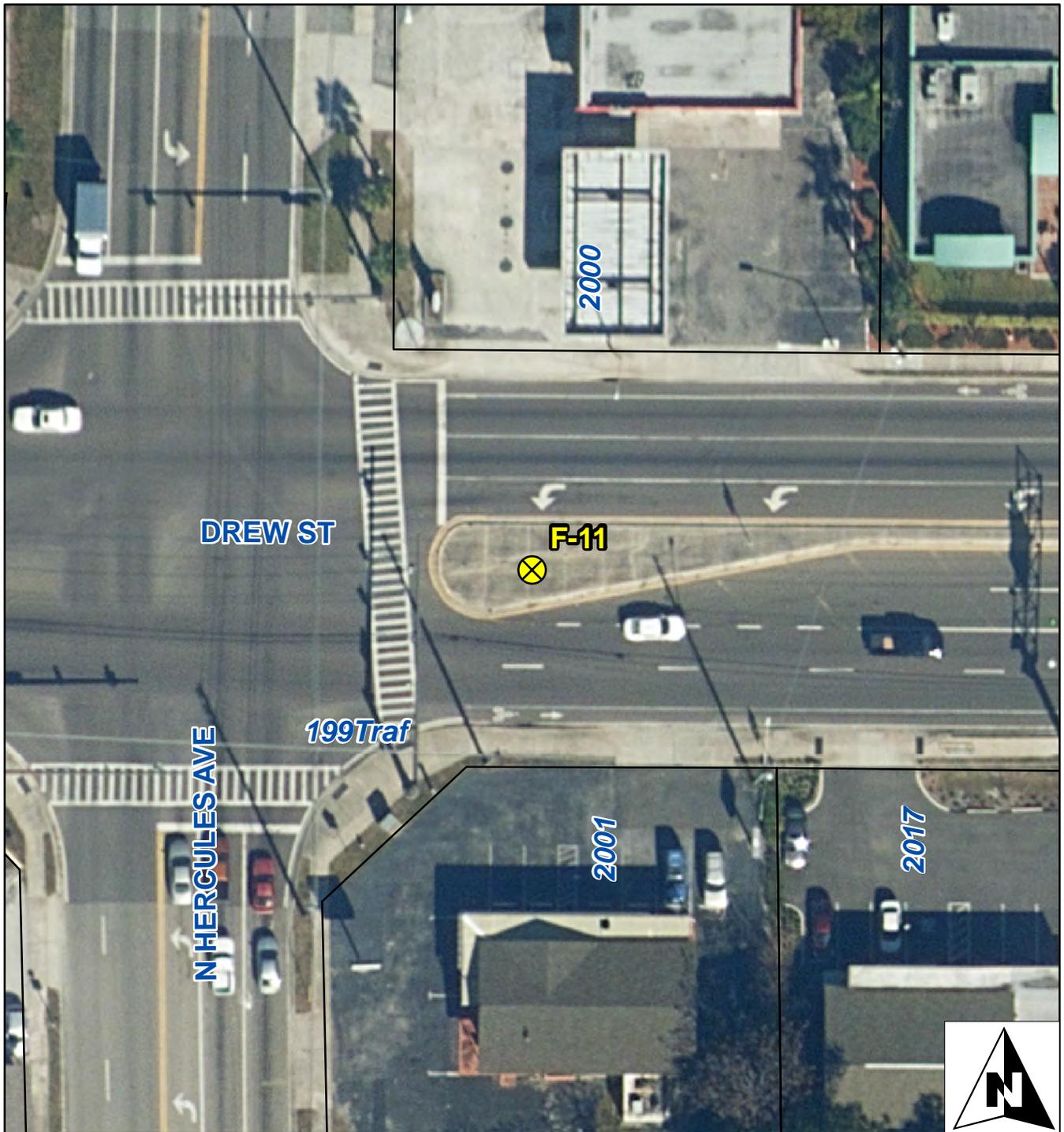
Elevation: **68.6107**

Location: **NE corner of Drew St / N Keene Rd, on storm curb inlet.**

Fire Grid: **279B** Installed/Revised: **10/13/2005** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: F-11

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,321,802.6800**

Easting: **412,677.7700**

Elevation: **71.0382**

Location: **In E median of Drew St / N Hercules Ave, in median.**

Fire Grid: **289B** Installed/Revised: **10/13/2005** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: F-12

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,321,846.2700**

Easting: **415,339.3600**

Elevation: **72.7061**

Location: **NE corner of Drew St / N Belcher Rd**

Fire Grid: **281A** Installed/Revised: **10/13/2005** Removed/Destroyed: **4/14/2008**

Notes: **Destroyed, Replaced by New F-12A**

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: F-12A

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,322,082.6900**      Easting: **415,336.1400**      Elevation: **72.9332**

Location: **SE corner of Norman Dr / N Belcher Rd, on storm curb inlet.**

Fire Grid: **281A**    Installed/Revised: **5/21/2008**    Removed/Destroyed:

Notes: **New Location, Replaced Destroyed F-12**

# CITY OF CLEARWATER BENCHMARKS



Document Path: V:\GIS\Engineering\Benchmarks\Data\Benchmark.mxd

City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: F-13

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,321,716.5000**

Easting: **417,848.6700**

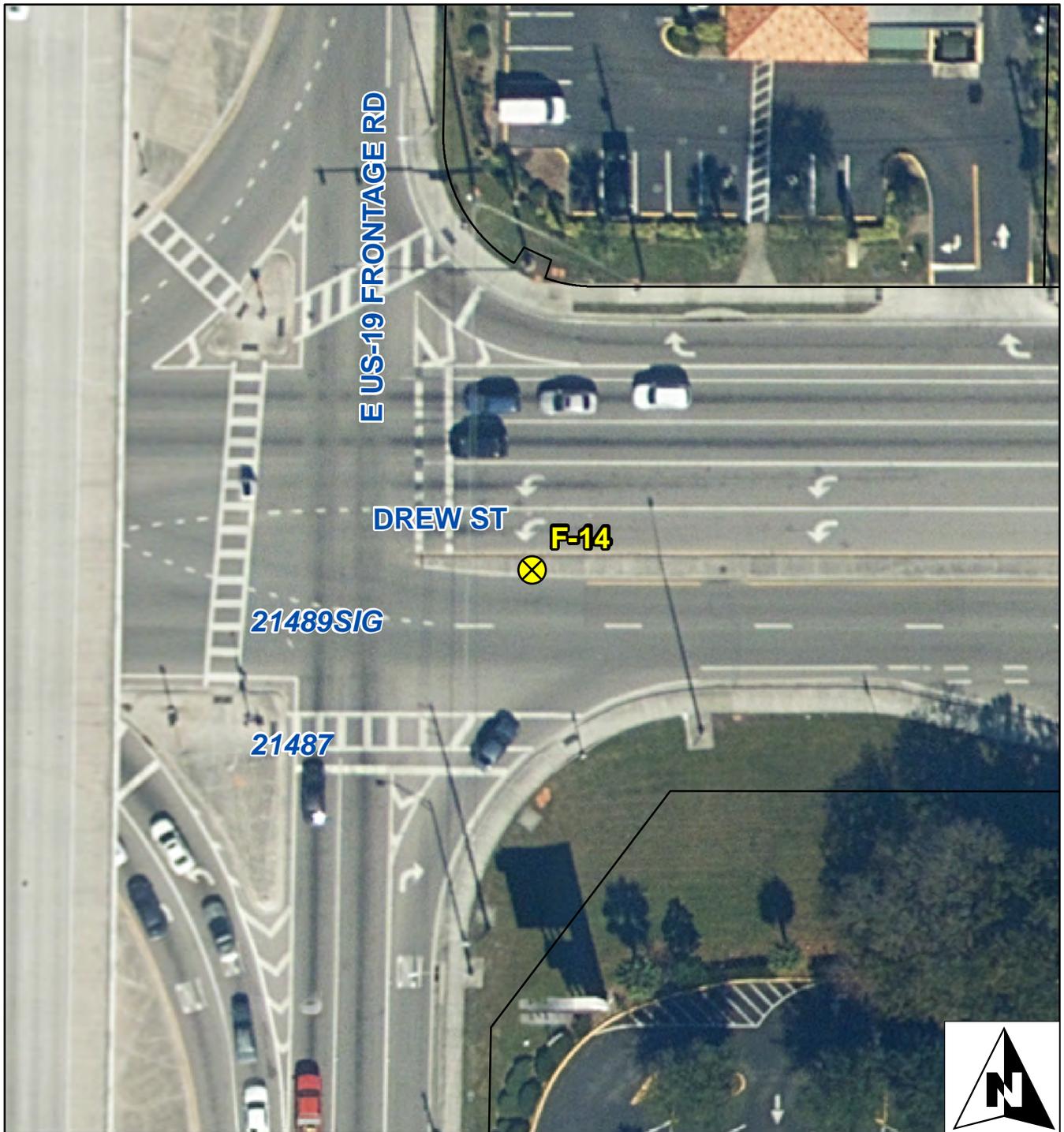
Elevation: **46.6970**

Location: **SE corner of Drew St / Fernwood Ave, on storm curb inlet.**

Fire Grid: **290A** Installed/Revised: **10/13/2005** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: F-14

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,321,713.2800**

Easting: **420,732.9900**

Elevation: **31.8654**

Location: **E median on Drew St / US 19, in median.**

Fire Grid: **291A** Installed/Revised: **10/13/2005** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



Document Path: V:\GIS\Engineering\Benchmarks\Data\Benchmark.mxd

City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: F-15

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,321,735.3900**

Easting: **423,193.6600**

Elevation: **44.6866**

Location: **W median on Drew St / Hampton Rd, in median.**

Fire Grid: **282A** Installed/Revised: **10/13/2005** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: F-16

0 20 40  
Feet  
1 inch = 40 feet

Northing: 1,321,667.0800

Easting: 426,030.7300

Elevation: 28.0399

Location: SW corner of Drew St / Bayview Ave

Fire Grid: 291B Installed/Revised: 10/13/2005 Removed/Destroyed: 7/1/2013

Notes: Destroyed, Replaced by New F-16A

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: F-16A

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,321,412.5091**      Easting: **426,032.4069**      Elevation: **28.8122**

Location: **W side of Bayview Ave, S of Drew St, on storm curb inlet.**

Fire Grid: **291B**      Installed/Revised: **12/3/2013**      Removed/Destroyed:

Notes: **New Location, Replaced Destroyed F-16**

# CITY OF CLEARWATER BENCHMARKS



Document Path: V:\GIS\Engineering\Benchmarks\Data\Benchmark.mxd

City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: F-17

0 25 50  
Feet  
1 inch = 50 feet

Northing: **1,321,870.9500**      Easting: **429,164.1100**      Elevation: **4.2368**

Location: **W side of Bayshore Blvd, N of Drew St, on top of headwall.**

Fire Grid: **283B**      Installed/Revised: **10/13/2005**      Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: G-02

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,324,628.8500**

Easting: **388,618.9100**

Elevation: **4.9230**

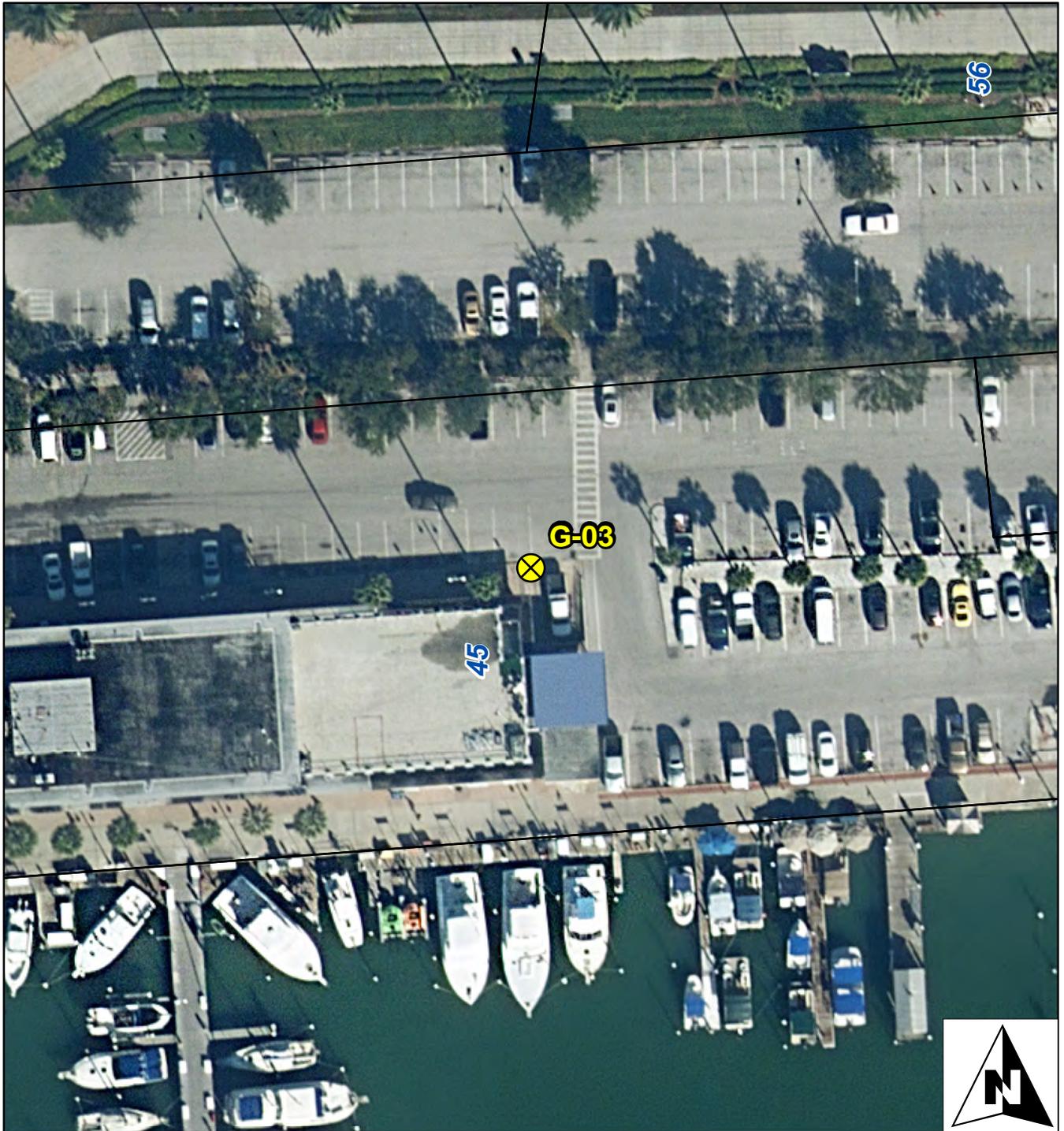
Location: **NE corner of First St / (old) S Gulfview Blvd**

Fire Grid: **276A** Installed/Revised: **2/4/2015**

Removed/Destroyed: **2/4/2015**

Notes: **Not replaced**

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: G-03

0 25 50  
Feet  
1 inch = 50 feet

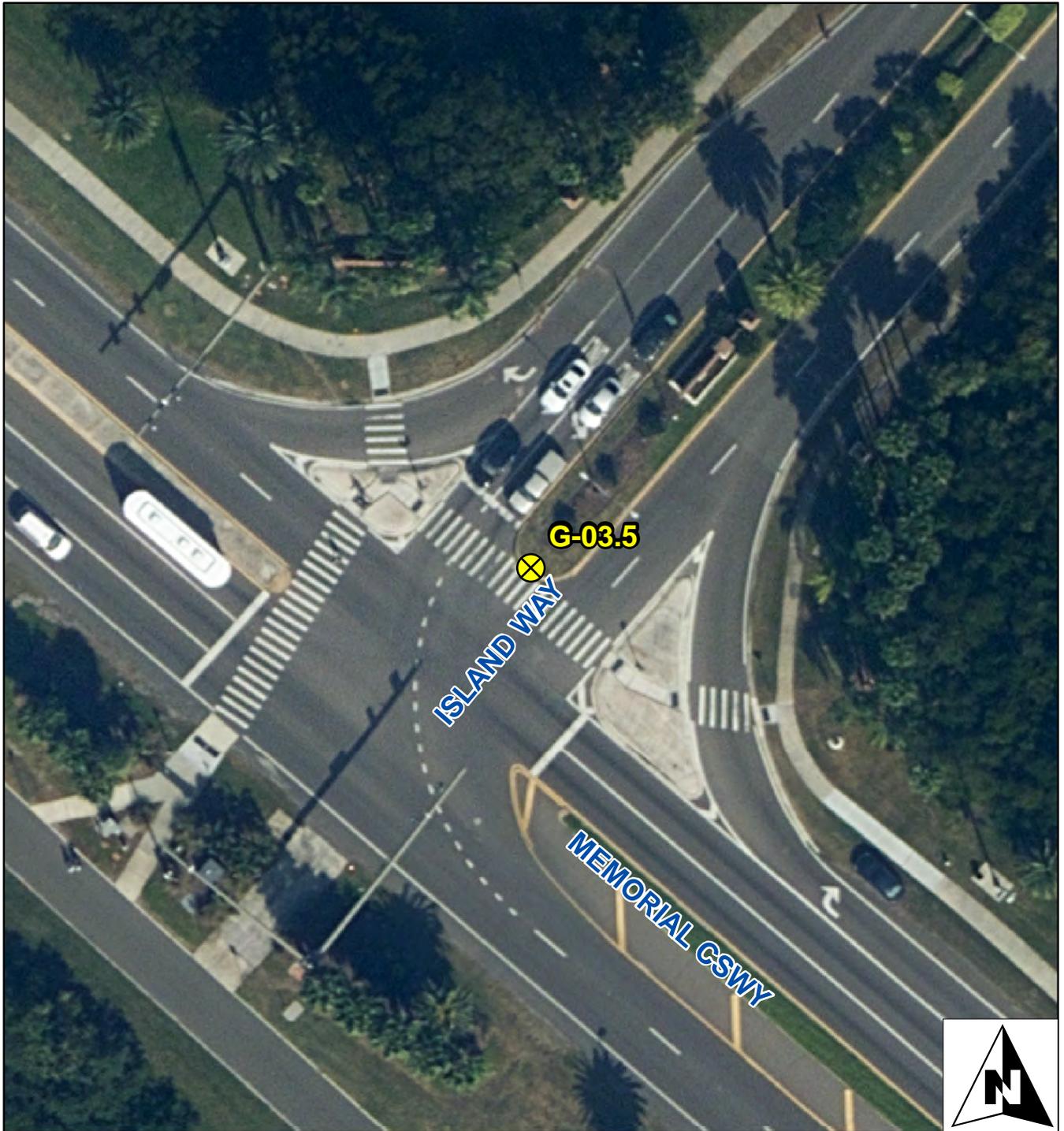
Northing: **1,325,219.6600**      Easting: **389,550.7100**      Elevation: **4.7495**

Location: **W of Loading Dock at US Post Office, in sidewalk.**

Fire Grid: **267A**      Installed/Revised: **10/13/2005**      Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: G-03.5

0 20 40  
Feet  
1 inch = 40 feet

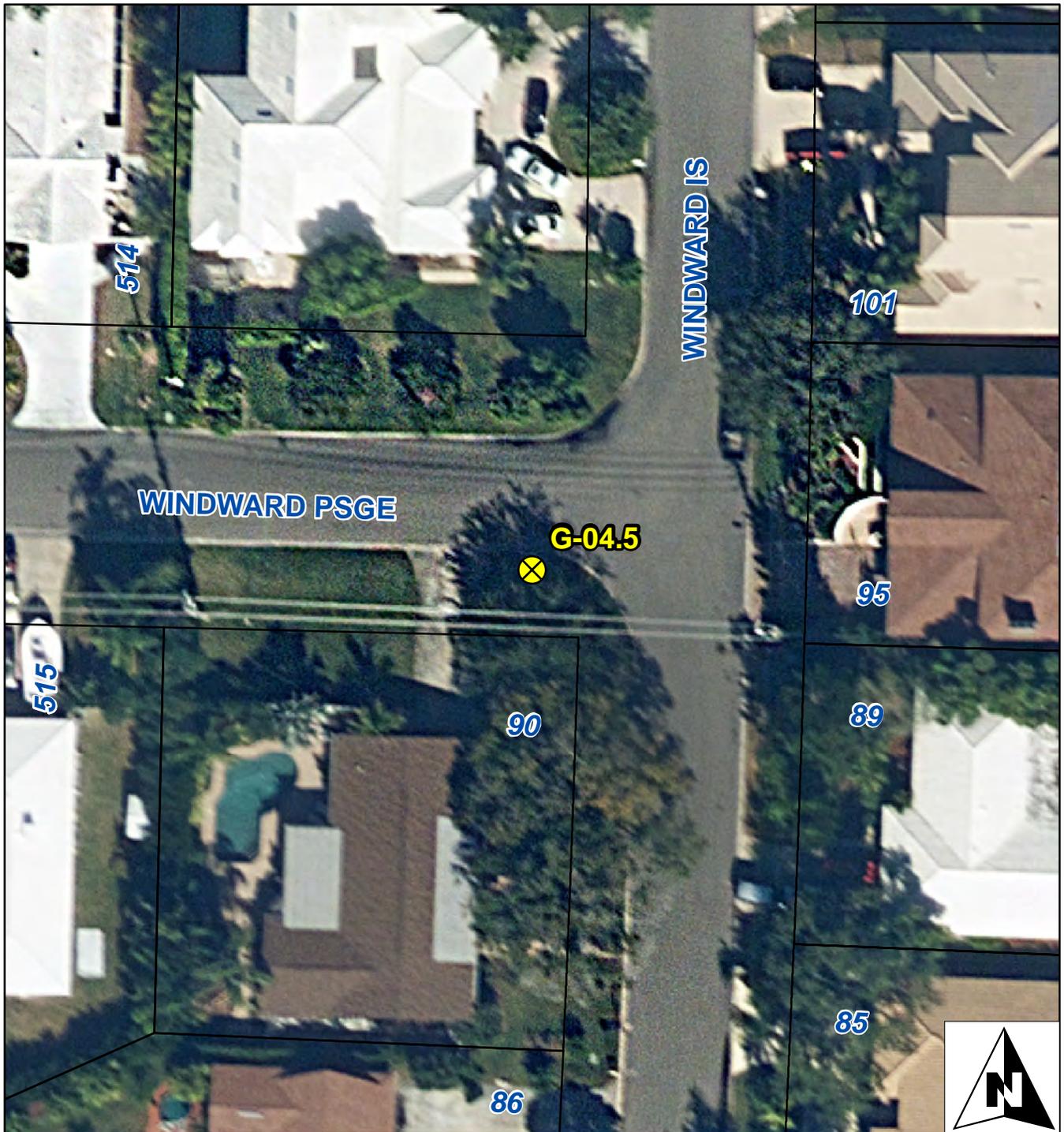
Northing: **1,324,431.7500**      Easting: **392,113.9900**      Elevation: **7.3795**

Location: **Median on Island Way / Memorial CSWY, on curb of median.**

Fire Grid: **276B**      Installed/Revised: **5/29/2012**      Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: G-04.5

0 20 40  
Feet  
1 inch = 40 feet

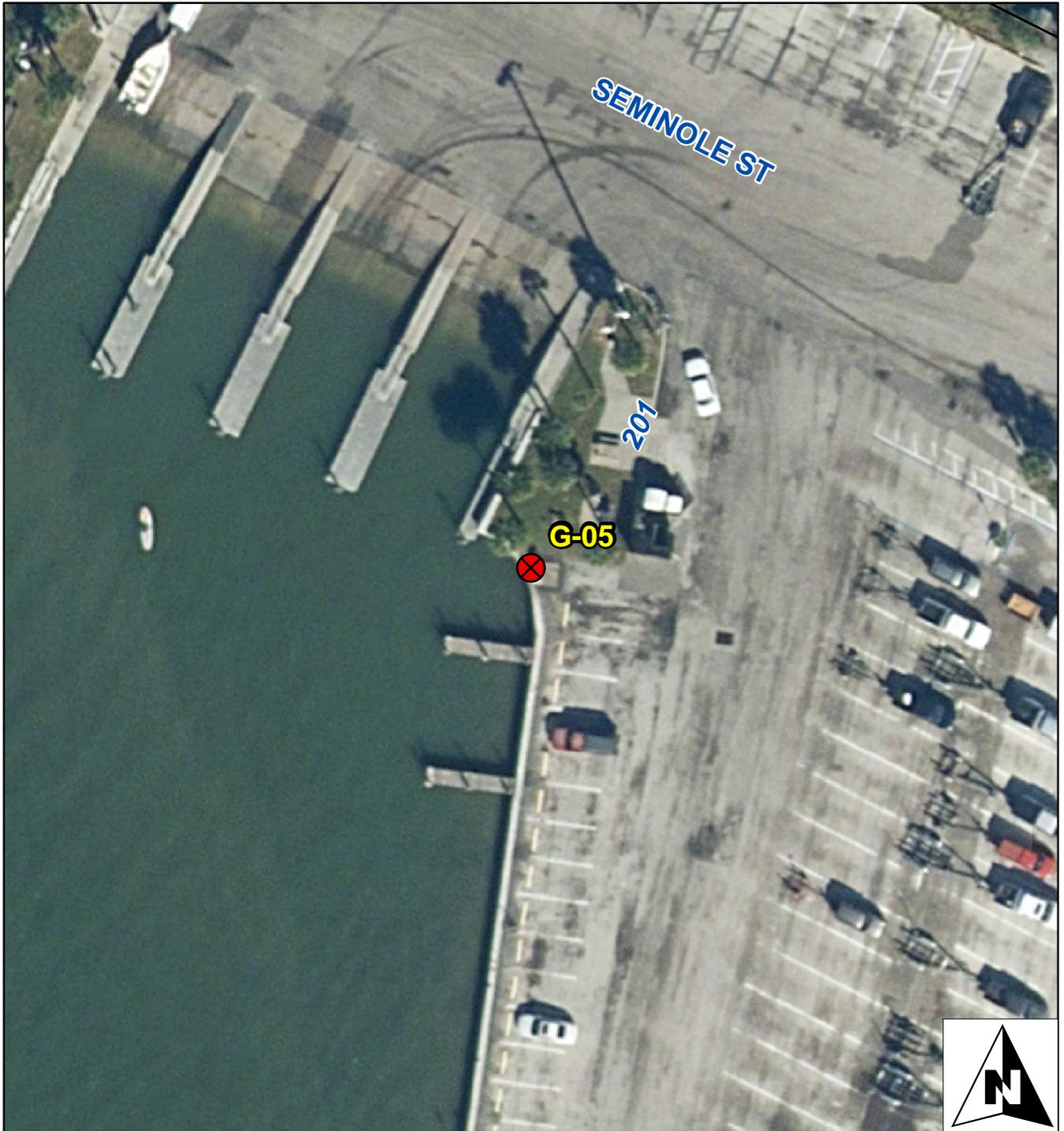
Northing: **1,325,222.2500**      Easting: **394,471.2700**      Elevation: **3.8527**

Location: **SW corner of Windward Psge / Windward Is, on storm curb inlet.**

Fire Grid: **268A**      Installed/Revised: **10/13/2005**      Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: G-05

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,324,090.1400**

Easting: **397,185.6500**

Elevation: **4.2325**

Location: **Seminole St. Dock**

Fire Grid: **277B** Installed/Revised: **10/13/2005** Removed/Destroyed: **11/1/2012**

Notes: **Destroyed, Replaced by New G-05A**

# CITY OF CLEARWATER BENCHMARKS



Document Path: V:\GIS\Engineering\Benchmarks\Data\Benchmark.mxd

City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: G-05A

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,324,360.6100**      Easting: **396,931.8940**      Elevation: **4.8997**

Location: **Pinellas County disk, NW corner of Seminole Docks, in grass.**

Fire Grid: **277B**      Installed/Revised: **2/7/2013**      Removed/Destroyed:

Notes: **New Location, Replaced Destroyed G-05**

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: G-06

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,324,510.5200**

Easting: **399,230.4100**

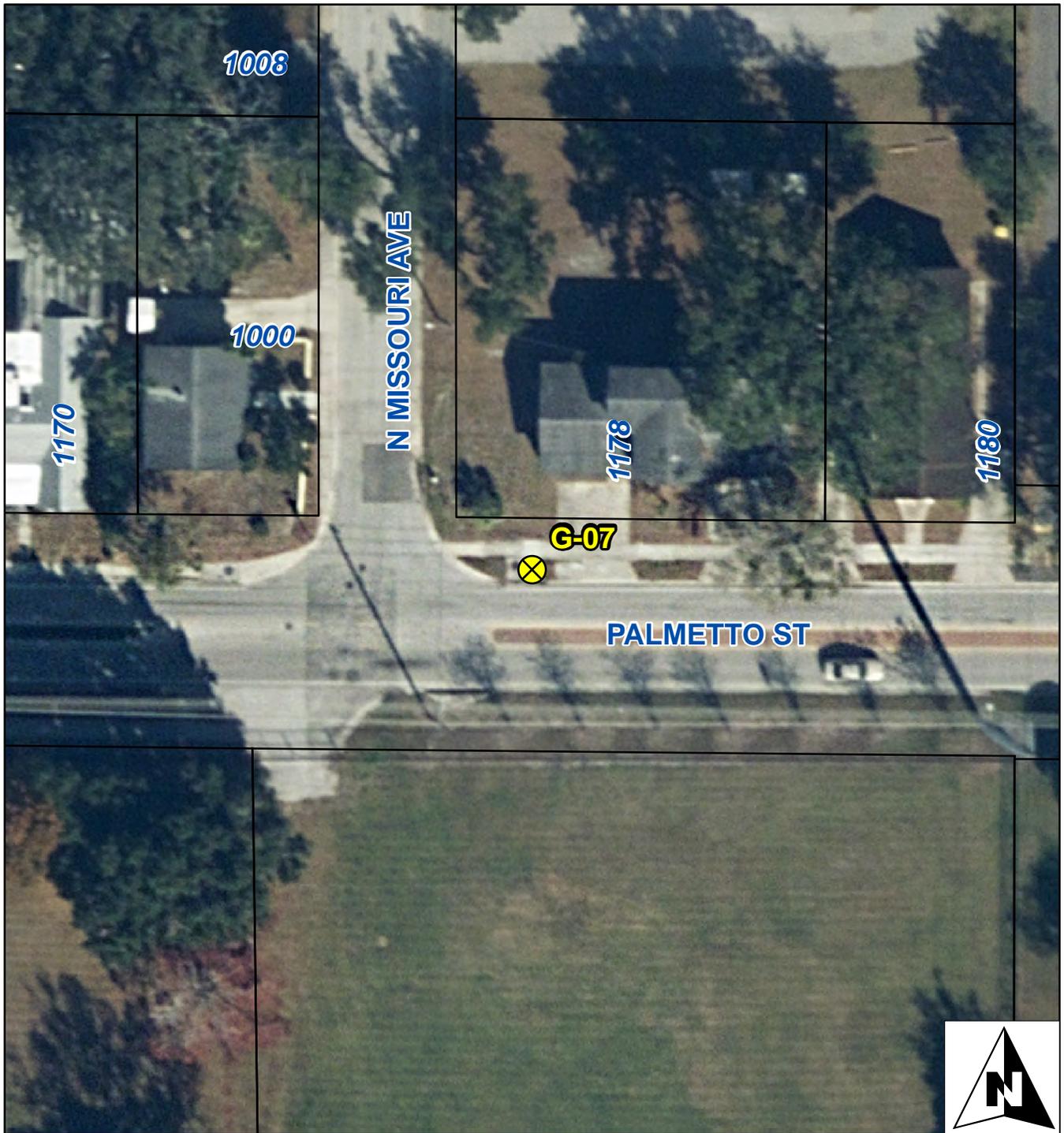
Elevation: **26.9801**

Location: **NW corner of Margo Ave / N Myrtle Ave, on storm curb inlet.**

Fire Grid: **277B** Installed/Revised: **3/15/2006** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: G-07

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,324,602.1100**

Easting: **401,790.9300**

Elevation: **19.9032**

Location: **NE corner of Palmetto St / Missouri Ave, on storm curb inlet.**

Fire Grid: **269A** Installed/Revised: **10/13/2005** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



Document Path: V:\GIS\Engineering\Benchmarks\Data\Benchmark.mxd

City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: G-08

0 20 40  
Feet  
1 inch = 40 feet

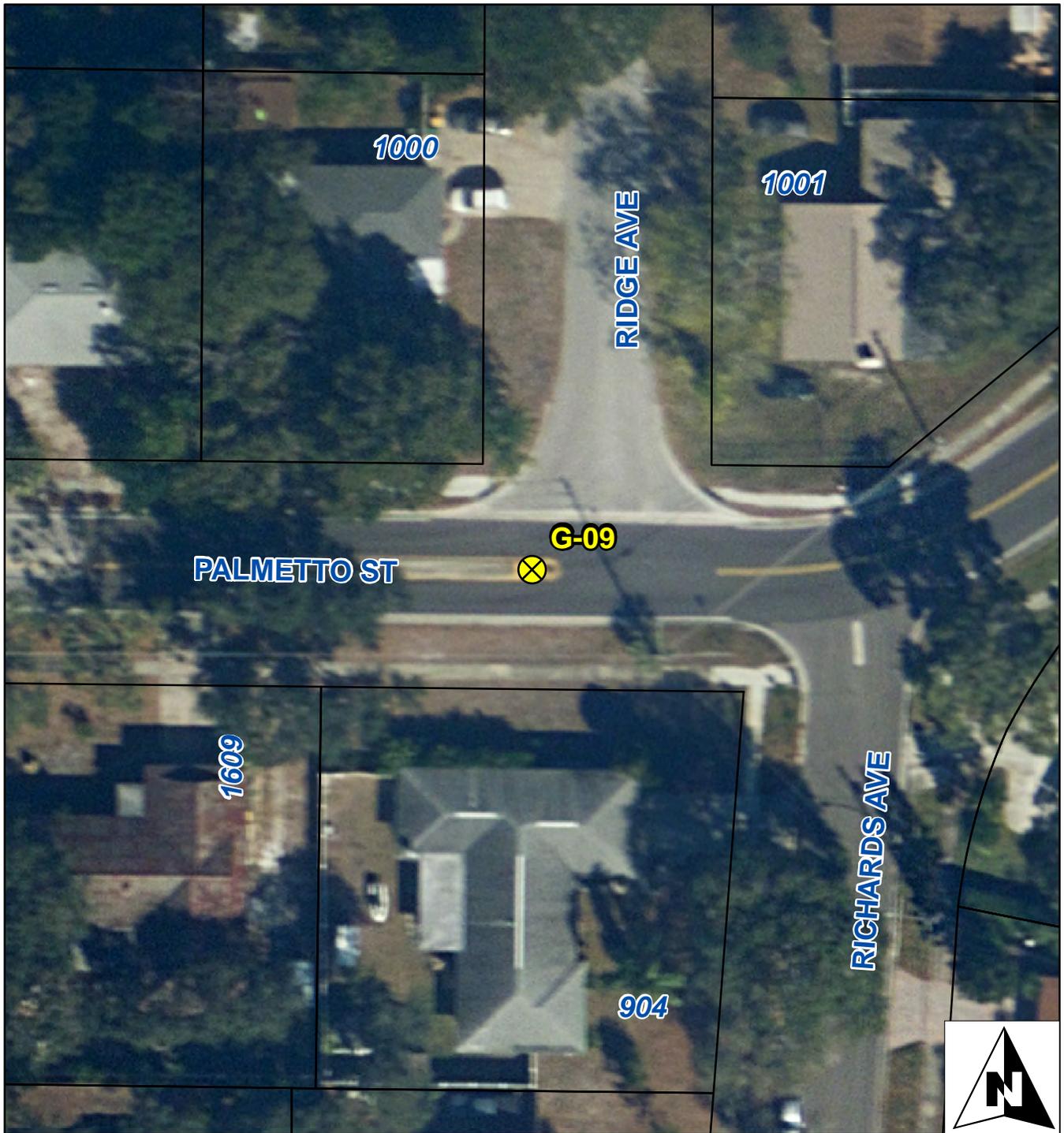
Northing: **1,324,549.9300**      Easting: **404,560.0000**      Elevation: **18.5490**

Location: **S side of Palmetto St at Kings Hwy, on storm curb inlet.**

Fire Grid: **278B**      Installed/Revised: **10/13/2005**      Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: G-09

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,324,532.7900**

Easting: **407,609.0000**

Elevation: **68.8250**

Location: **In median on Palmetto St at Ridge Ave, in median.**

Fire Grid: **279A** Installed/Revised: **10/13/2005** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



Document Path: V:\GIS\Engineering\Benchmarks\Data\Benchmark.mxd

City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: G-10

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,324,562.7500**

Easting: **409,270.4800**

Elevation: **67.3261**

Location: **NE corner of Palmetto St / N Saturn Ave**

Fire Grid: **270B** Installed/Revised: **10/13/2005** Removed/Destroyed: **9/15/2011**

Notes: **Destroyed, Replaced by New G-10A**

# CITY OF CLEARWATER BENCHMARKS

 **G-10**

**PALMETTO ST**



City of Clearwater  
Prepared by:  
Engineering Department

**Benchmark: G-10A**

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,324,416.3900**

Easting: **409,400.1700**

Elevation: **68.1563**

Location: **SE corner of Palmetto St / Saturn Ave, in basin, on storm grate structure.**

Fire Grid: **279B** Installed/Revised: **9/15/2011** Removed/Destroyed:

Notes: **New Location, Replaced Destroyed G-10**

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: G-11

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,324,496.4400**

Easting: **412,665.8400**

Elevation: **68.8119**

Location: **NE corner of Palmetto St / N Hercules Ave, in grass.**

Fire Grid: **271B** Installed/Revised: **10/13/2005** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: G-12

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,324,410.5000**

Easting: **415,343.1500**

Elevation: **67.2209**

Location: **SE corner of Palmetto St / N Belcher Rd, in grass.**

Fire Grid: **281A** Installed/Revised: **10/13/2005** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



0 20 40  
Feet  
1 inch = 40 feet

City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: G-13

Northing: **1,324,369.5200**

Easting: **417,230.0100**

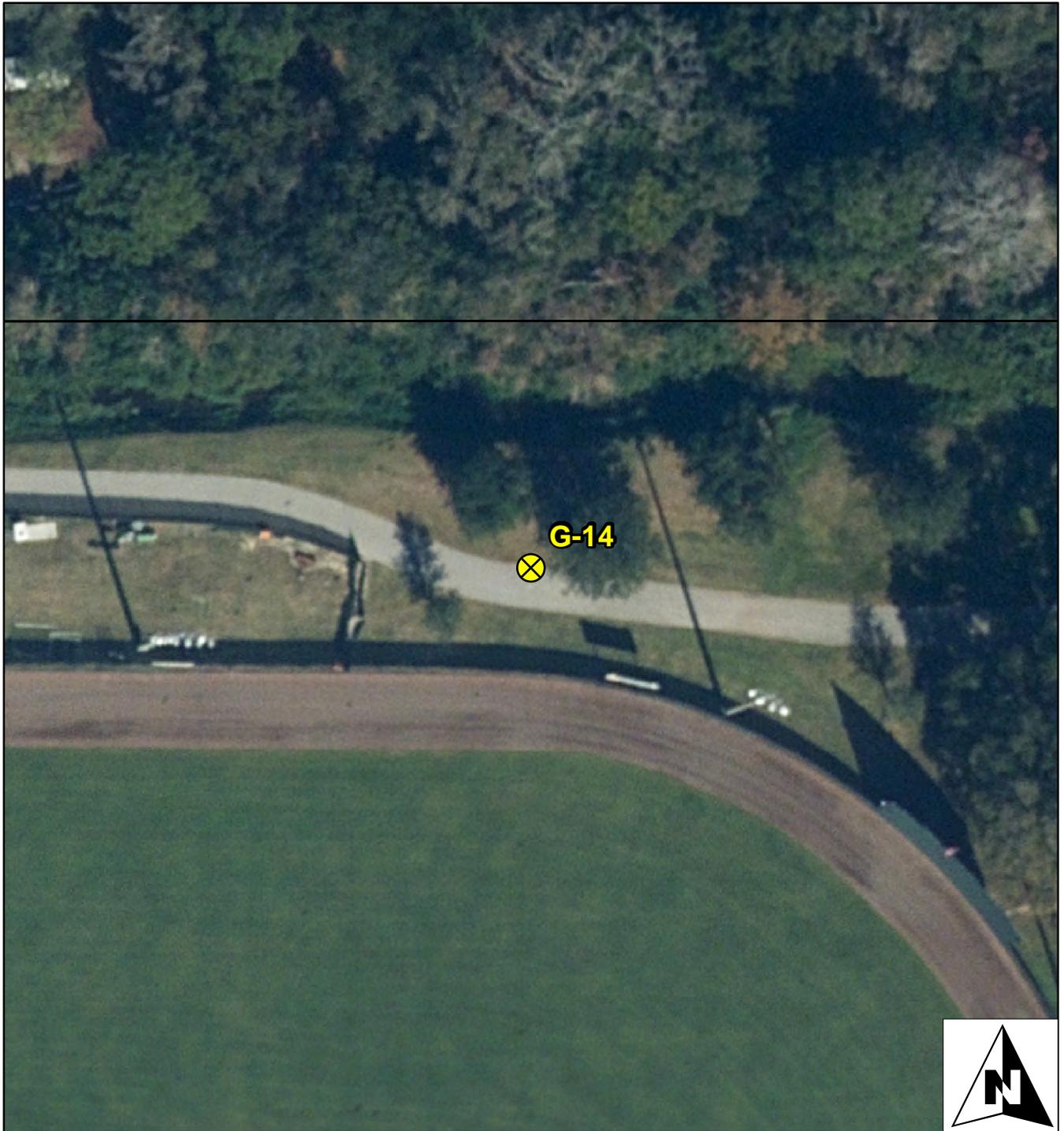
Elevation: **31.2154**

Location: **SE corner of College Hill Dr / Lake Forest Rd, on sidewalk.**

Fire Grid: **281A** Installed/Revised: **10/13/2005** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



Document Path: V:\GIS\Engineering\Benchmarks\Data\Benchmark.mxd

City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: G-14

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,324,374.5600**      Easting: **420,227.5600**      Elevation: **20.4485**

Location: **N side of trail, N of Carpenter Field, on asphalt trail.**

Fire Grid: **281B**    Installed/Revised: **10/13/2005**    Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



Document Path: V:\GIS\Engineering\Benchmarks\Data\Benchmark.mxd

City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: G-14.5

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,324,761.1800**

Easting: **422,520.9100**

Elevation: **24.3206**

Location: **N of Moccasin Lake Park Visitor Center, in grass.**

Fire Grid: **273A** Installed/Revised: **10/13/2005** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: G-15

0 20 40  
Feet  
1 inch = 40 feet

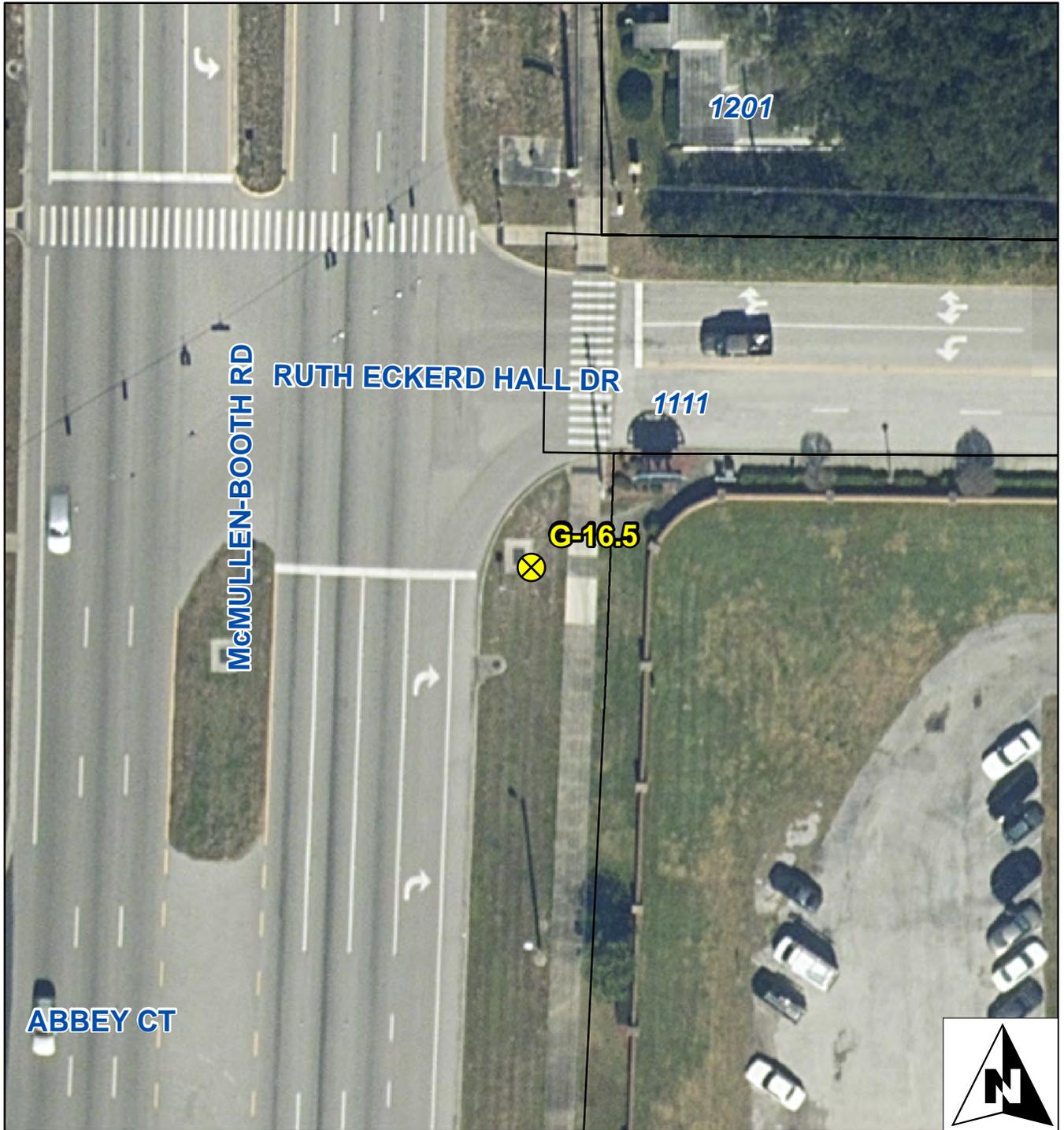
Northing: **1,324,490.3500**      Easting: **423,347.0300**      Elevation: **19.1164**

Location: **N side of Park Trail Ln, S of Rec. Center, in grass.**

Fire Grid: **273B**      Installed/Revised: **10/13/2005**      Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



ABBEY CT

McMULLEN-BOOTH RD

RUTH ECKERD HALL DR

1201

1111

G-16.5



0 20 40  
Feet  
1 inch = 40 feet

City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: G-16.5

Northing: **1,324,954.4200**

Easting: **427,452.9300**

Elevation: **38.7577**

Location: **SE corner of Ruth Eckerd Hall Dr/McMullen Booth Rd, on storm structure.**

Fire Grid: **274A** Installed/Revised: **10/13/2005** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: G-17

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,324,218.2900**

Easting: **428,773.3500**

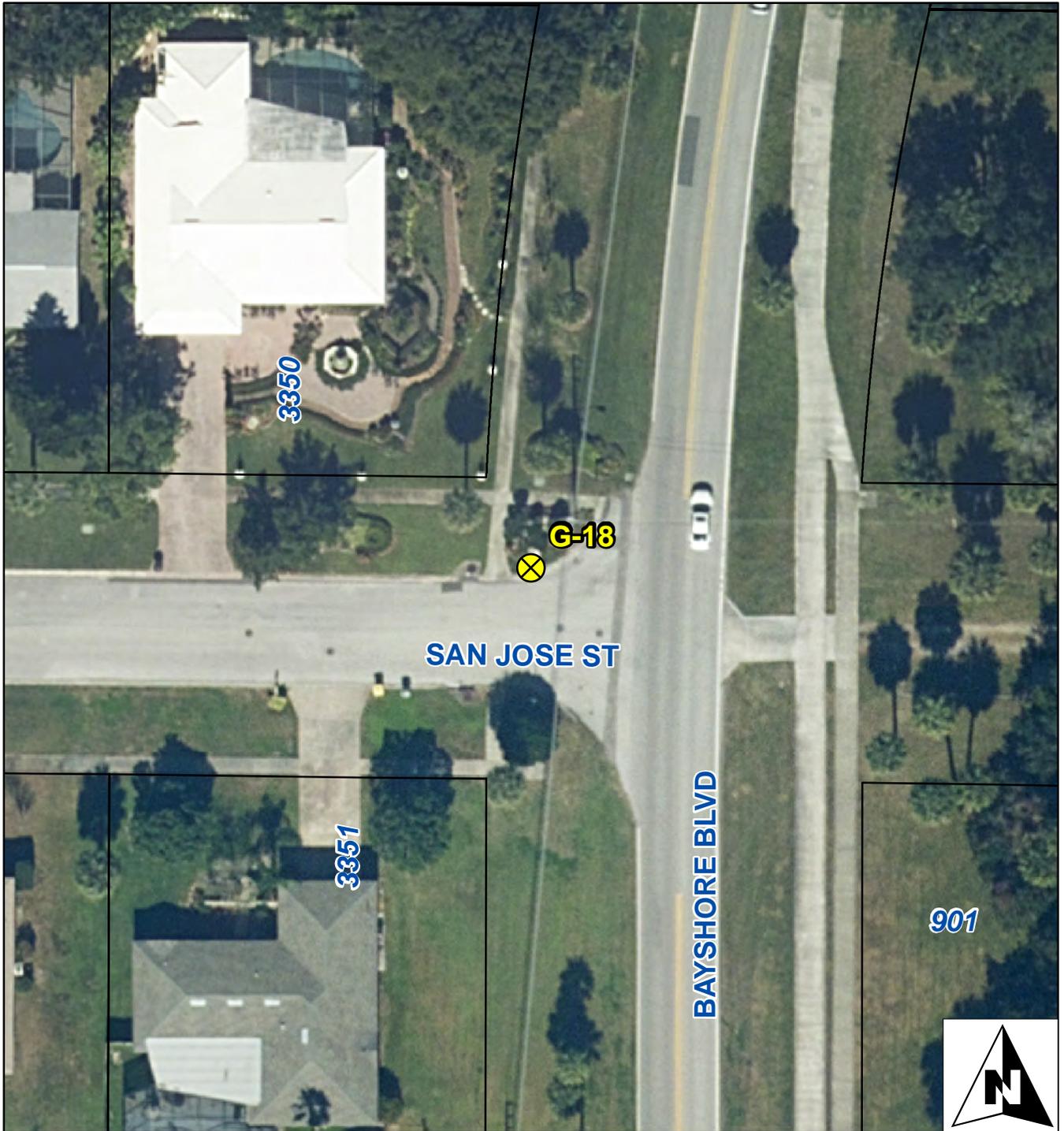
Elevation: **32.6287**

Location: **NE corner of San Jose St / Monterey Ave, in grass.**

Fire Grid: **283B** Installed/Revised: **10/13/2005** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: G-18

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,324,189.8900**

Easting: **430,916.4400**

Elevation: **8.5039**

Location: **NW corner of San Jose St / Bayshore Blvd, in grass.**

Fire Grid: **283B** Installed/Revised: **10/13/2005** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: H-02

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,327,683.6800**

Easting: **389,077.0100**

Elevation: **5.2142**

Location: **In parking lot N of Frenchy's Rockaway Grill, on median.**

Fire Grid: **258A** Installed/Revised: **10/13/2005** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: H-04

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,327,161.1200**

Easting: **393,093.1600**

Elevation: **4.4997**

Location: **N side of Median at end of Leeward Is**

Fire Grid: **267B** Installed/Revised: **10/13/2005** Removed/Destroyed: **11/1/2012**

Notes: **Destroyed, Replaced by New H-04A**

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: H-04A

0 20 40  
Feet  
1 inch = 40 feet

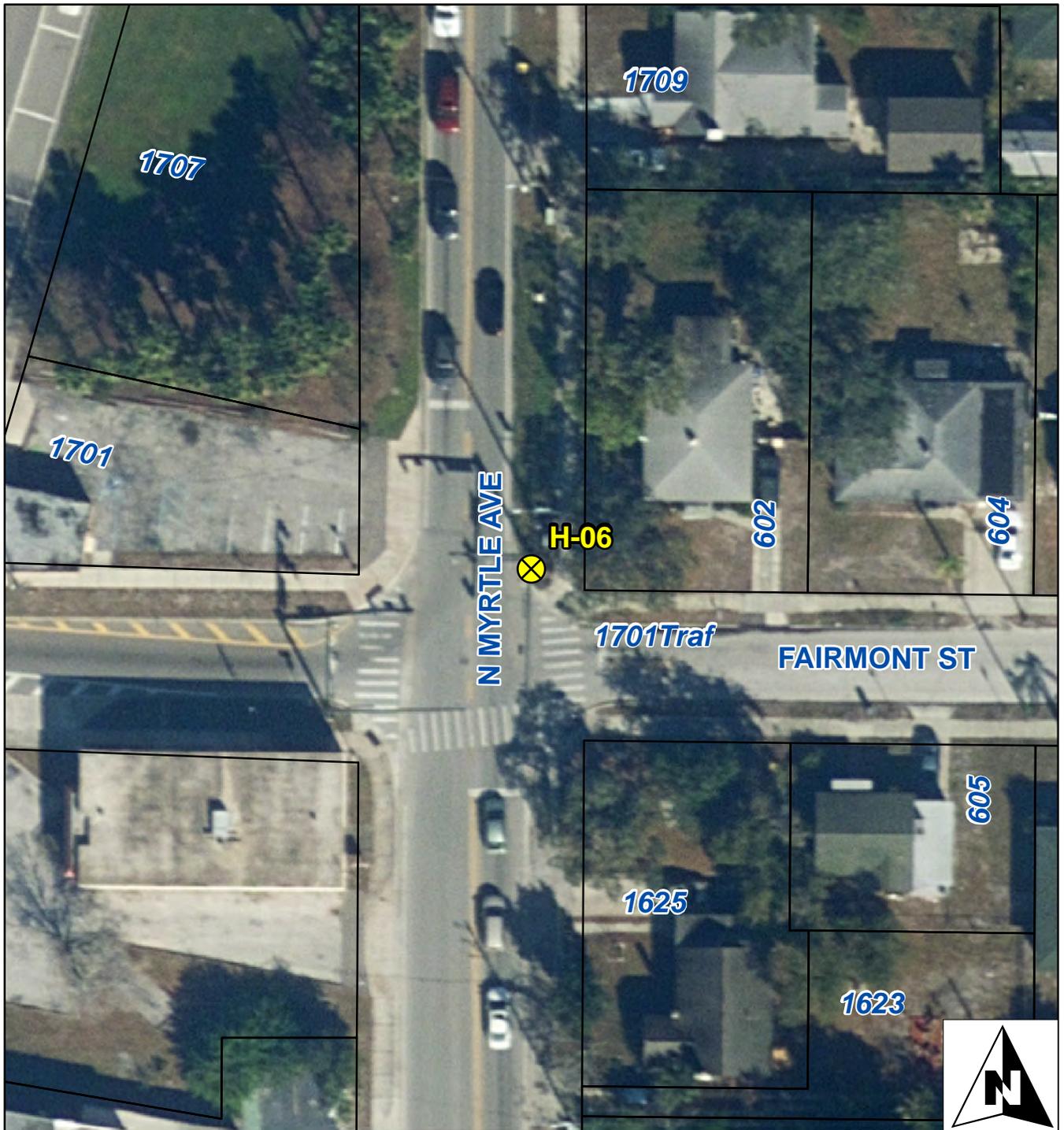
Northing: **1,327,124.8200**      Easting: **393,098.5700**      Elevation: **4.5713**

Location: **S side of Median at end of Leeward Is, in grass median.**

Fire Grid: **267B**      Installed/Revised: **1/1/2011**      Removed/Destroyed:

Notes: **New Location, Replaced Destroyed H-04**

# CITY OF CLEARWATER BENCHMARKS



0 20 40  
Feet  
1 inch = 40 feet

City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: H-06

Northing: **1,327,174.2600**      Easting: **399,283.2600**      Elevation: **30.6793**

Location: **NE corner of Fairmont St / N Myrtle Ave, in grass.**

Fire Grid: **269A**      Installed/Revised: **10/13/2005**      Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



0 20 40  
Feet  
1 inch = 40 feet

City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: H-07

Northing: **1,327,467.5400**

Easting: **401,856.9800**

Elevation: **13.1165**

Location: **NE corner of Douglas Ave Bridge, on sidewalk.**

Fire Grid: **260A** Installed/Revised: **10/13/2005** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: H-08

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,327,227.9200**

Easting: **404,611.5300**

Elevation: **17.7184**

Location: **E side of Kings Hwy at Fairmont St**

Fire Grid: **270A** Installed/Revised: **10/13/2005** Removed/Destroyed: **7/1/2013**

Notes: **Destroyed, Replaced by New H-08A**

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: H-08A

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,327,262.2970**

Easting: **404,560.9720**

Elevation: **17.7582**

Location: **W side of Kings Hwy, N of Fairmont St, on sidewalk.**

Fire Grid: **260B** Installed/Revised: **12/1/2014** Removed/Destroyed:

Notes: **New Location, Replaced Destroyed H-08**

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: H-09

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,327,215.8500**      Easting: **407,597.7600**      Elevation: **51.0864**

Location: **NW corner of Logan St / Ridge Ave, on storm curb inlet.**

Fire Grid: **261B**    Installed/Revised: **10/13/2005**    Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: H-10

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,327,463.2200**

Easting: **409,282.0200**

Elevation: **62.9837**

Location: **SE corner of Flagler Dr / N Saturn Ave, in grass.**

Fire Grid: **261B** Installed/Revised: **10/13/2005** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: H-11

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,326,389.0400**

Easting: **412,575.9800**

Elevation: **65.5233**

Location: **SW corner of Sherwood St / N Hercules Ave**

Fire Grid: **271A** Installed/Revised: **10/13/2005** Removed/Destroyed: **3/1/2012**

Notes: **Destroyed, Replaced by New H-11A**

# CITY OF CLEARWATER BENCHMARKS



Document Path: V:\GIS\Engineering\BenchmarksData\Benchmark.mxd

City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: H-11A

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,326,517.7500**      Easting: **412,649.8700**      Elevation: **64.2230**

Location: **E side of road at 1603 N Hercules Ave, on storm curb inlet.**

Fire Grid: **271B**    Installed/Revised: **3/28/2012**    Removed/Destroyed:

Notes: **New Location, Replaced Destroyed H-11**

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: H-12

0 20 40  
Feet  
1 inch = 40 feet

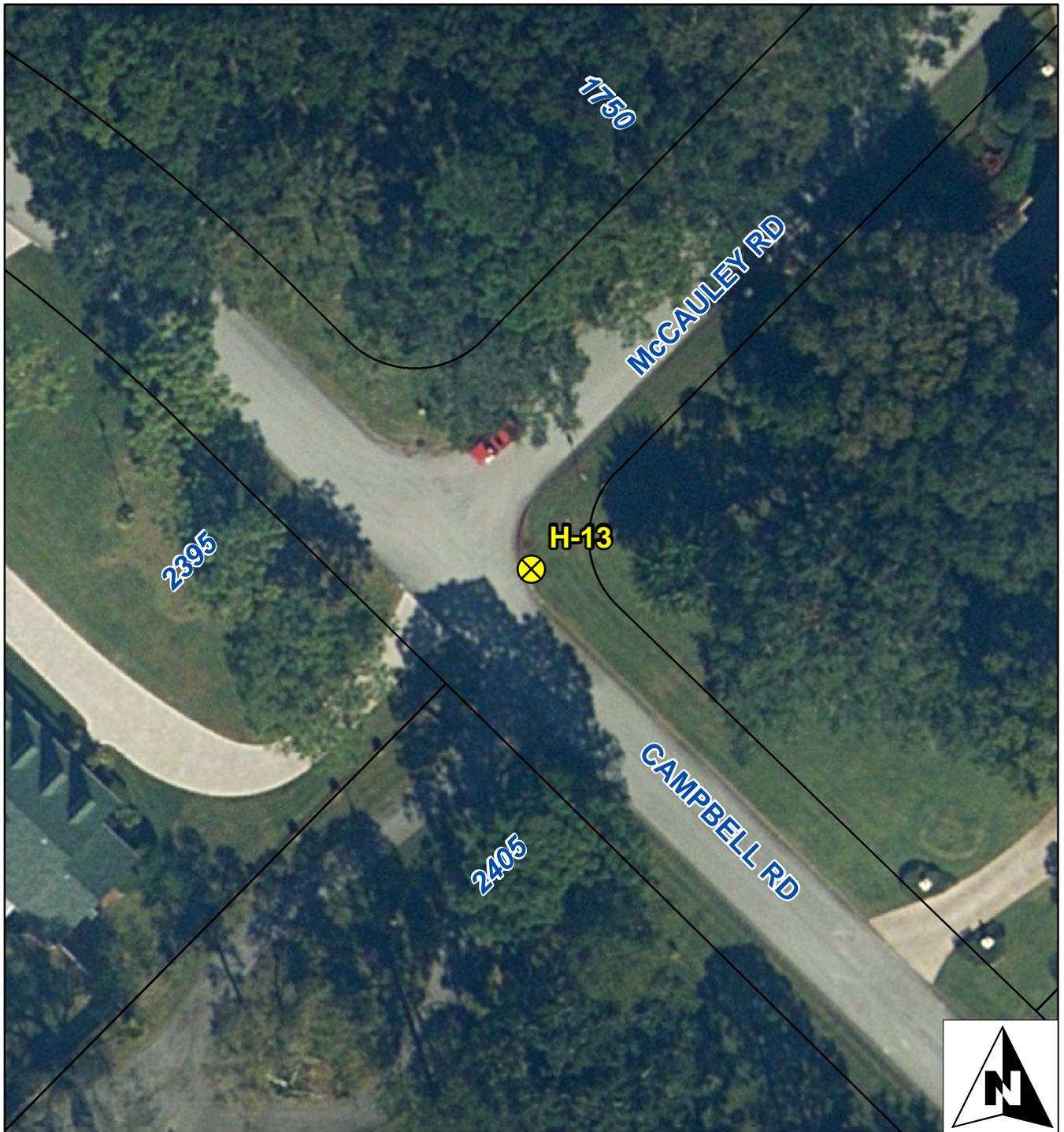
Northing: **1,327,224.2000**      Easting: **415,219.8500**      Elevation: **43.8129**

Location: **NW corner of Logan St / Belcher Rd at FS 48, in grass.**

Fire Grid: **262B**      Installed/Revised: **10/13/2005**      Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



Document Path: V:\GIS\Engineering\Benchmarks\Data\Benchmark.mxd

City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: H-13

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,327,904.1800**      Easting: **417,943.3300**      Elevation: **52.9415**

Location: **SE corner of McCauley Rd / Campbell Rd, on storm curb inlet.**

Fire Grid: **263A**      Installed/Revised: **10/13/2005**      Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: H-14

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,327,032.6300**

Easting: **420,752.5800**

Elevation: **56.6357**

Location: **SE corner of SR 590 / US 19, on sidewalk curb.**

Fire Grid: **273A** Installed/Revised: **02/04/2015** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



Document Path: V:\GIS\Engineering\Benchmarks\Data\Benchmark.mxd

City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: H-15

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,327,052.7200**

Easting: **423,392.9600**

Elevation: **58.3524**

Location: **S side of SR 590 at El Trinidad Dr E, in grass.**

Fire Grid: **273B** Installed/Revised: **02/04/2015** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



Document Path: V:\GIS\Engineering\Benchmarks\Data\Benchmark.mxd

City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: H-16

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,327,089.3960**

Easting: **426,114.8950**

Elevation: **54.0785**

Location: **NE corner of SR 590 / Lawrence Dr, on curb.**

Fire Grid: **265A** Installed/Revised: **5/25/2006** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



0 20 40  
Feet  
1 inch = 40 feet

City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: HI-14.5

Northing: **1,328,598.0300**

Easting: **422,283.2200**

Elevation: **54.9921**

Location: **NE corner of Morningside Dr / Marilyn Dr, on storm curb inlet.**

Fire Grid: **264A** Installed/Revised: **10/13/2005** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: I-02

0 20 40  
Feet  
1 inch = 40 feet

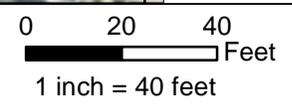
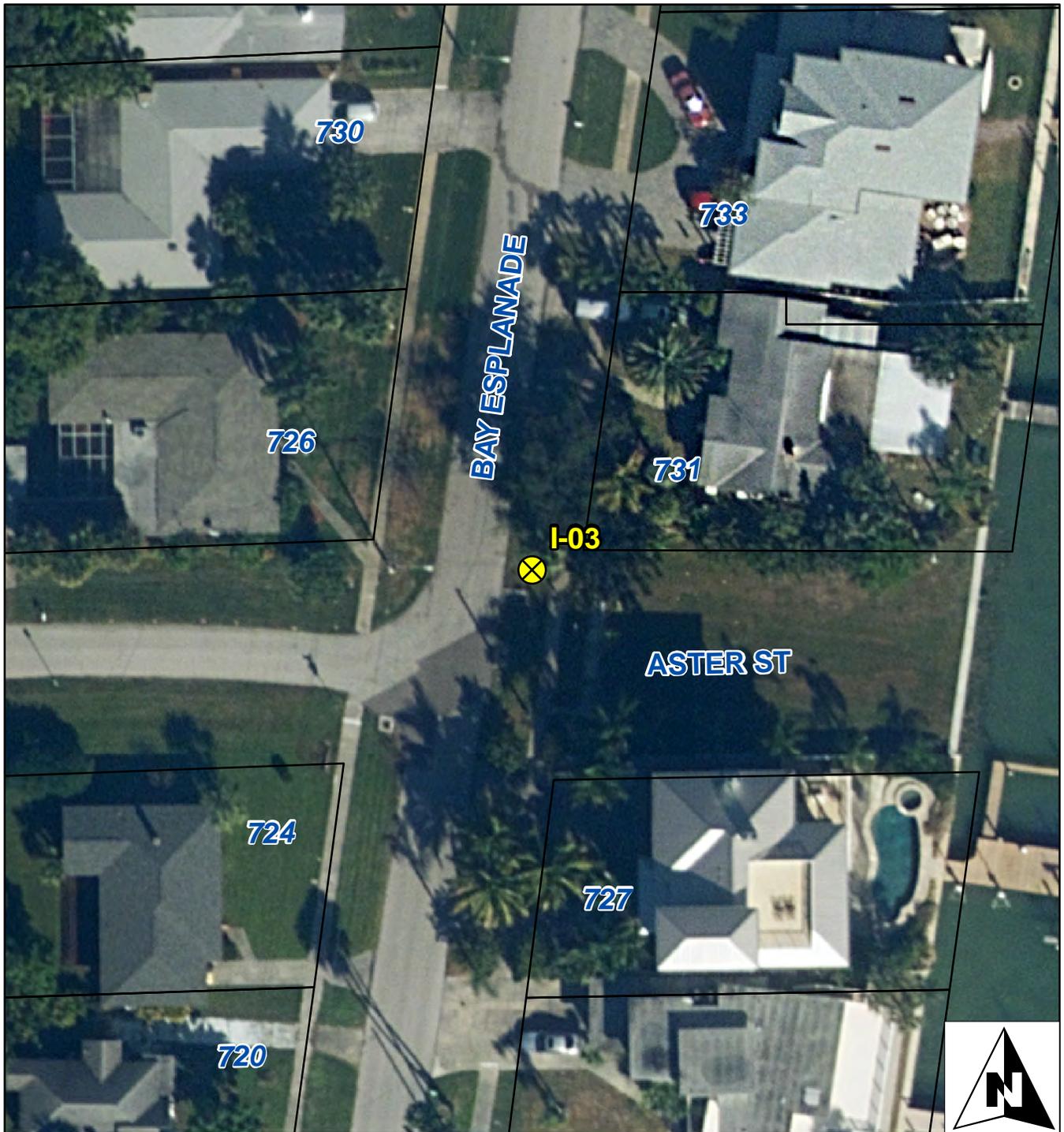
Northing: **1,330,618.4100**      Easting: **388,949.4200**      Elevation: **4.9818**

Location: **W end of Bohemia Cir S, W of Eldorado Ave, on seawall.**

Fire Grid: **249A**      Installed/Revised: **10/13/2005**      Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: I-03

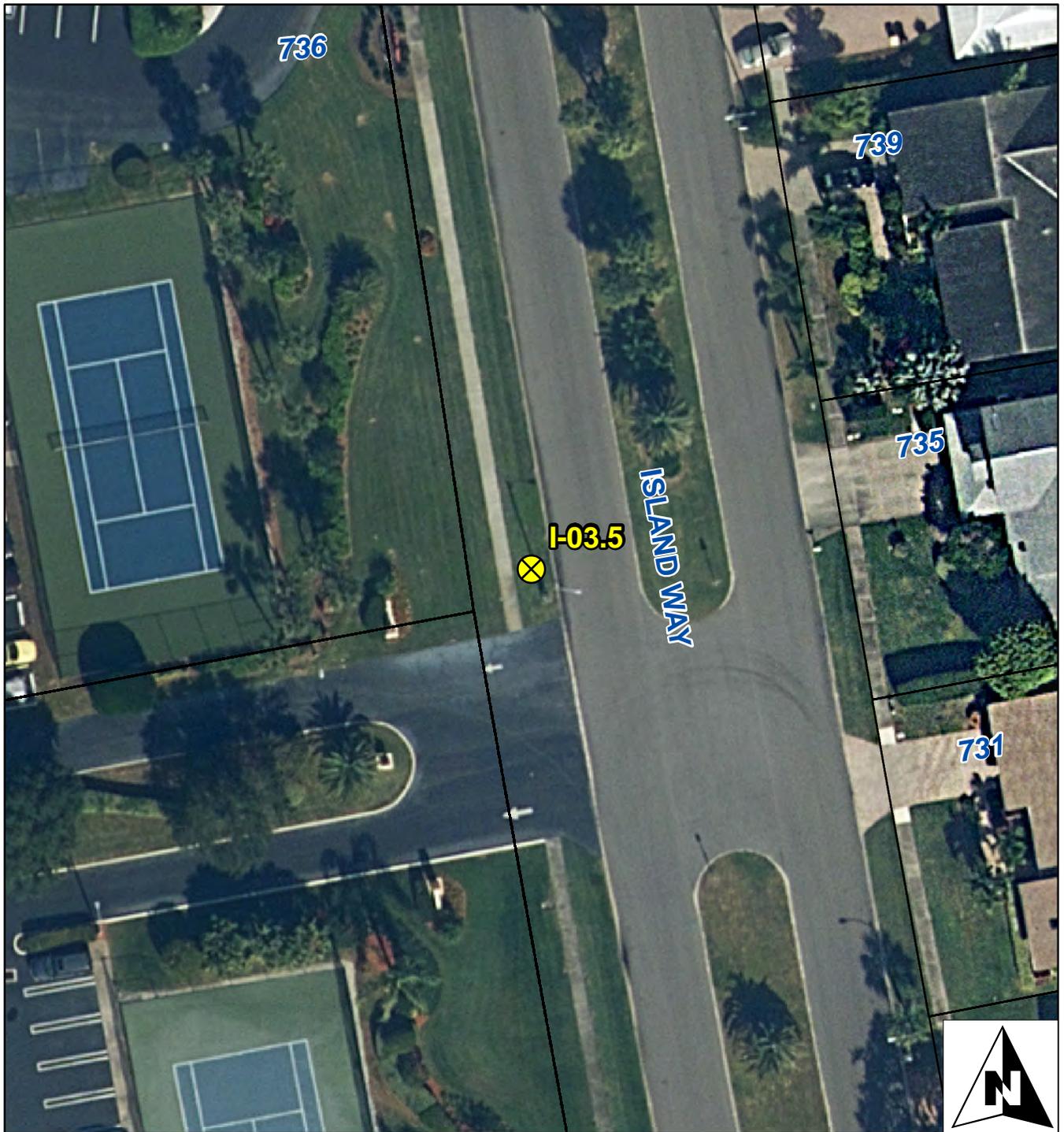
Northing: **1,330,189.4600**      Easting: **390,080.9800**      Elevation: **2.6743**

Location: **E side of Bay Esplanade, just N of Aster St, in grass.**

Fire Grid: **249A**      Installed/Revised: **10/13/2005**      Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



Document Path: V:\GIS\Engineering\Benchmarks\Data\Benchmark.mxd

City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: I-03.5

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,330,275.9000**

Easting: **391,365.8700**

Elevation: **6.4912**

Location: **W side of Island Way at 736 Island Way, in grass.**

Fire Grid: **249B** Installed/Revised: **10/13/2005** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: I-04

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,330,374.7000**

Easting: **392,468.3700**

Elevation: **5.2452**

Location: **W side of road at 726 Harbor Is, in grass.**

Fire Grid: **249B** Installed/Revised: **5/12/2006** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: I-06

0 25 50  
Feet  
1 inch = 50 feet

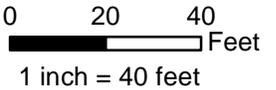
Northing: **1,329,738.9500**      Easting: **399,401.3000**      Elevation: **11.5778**

Location: **SE corner of Bridge US 19 Alt, S of Sunset Pt Rd, on top of wall.**

Fire Grid: **260A**      Installed/Revised: **10/13/2005**      Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: I-07

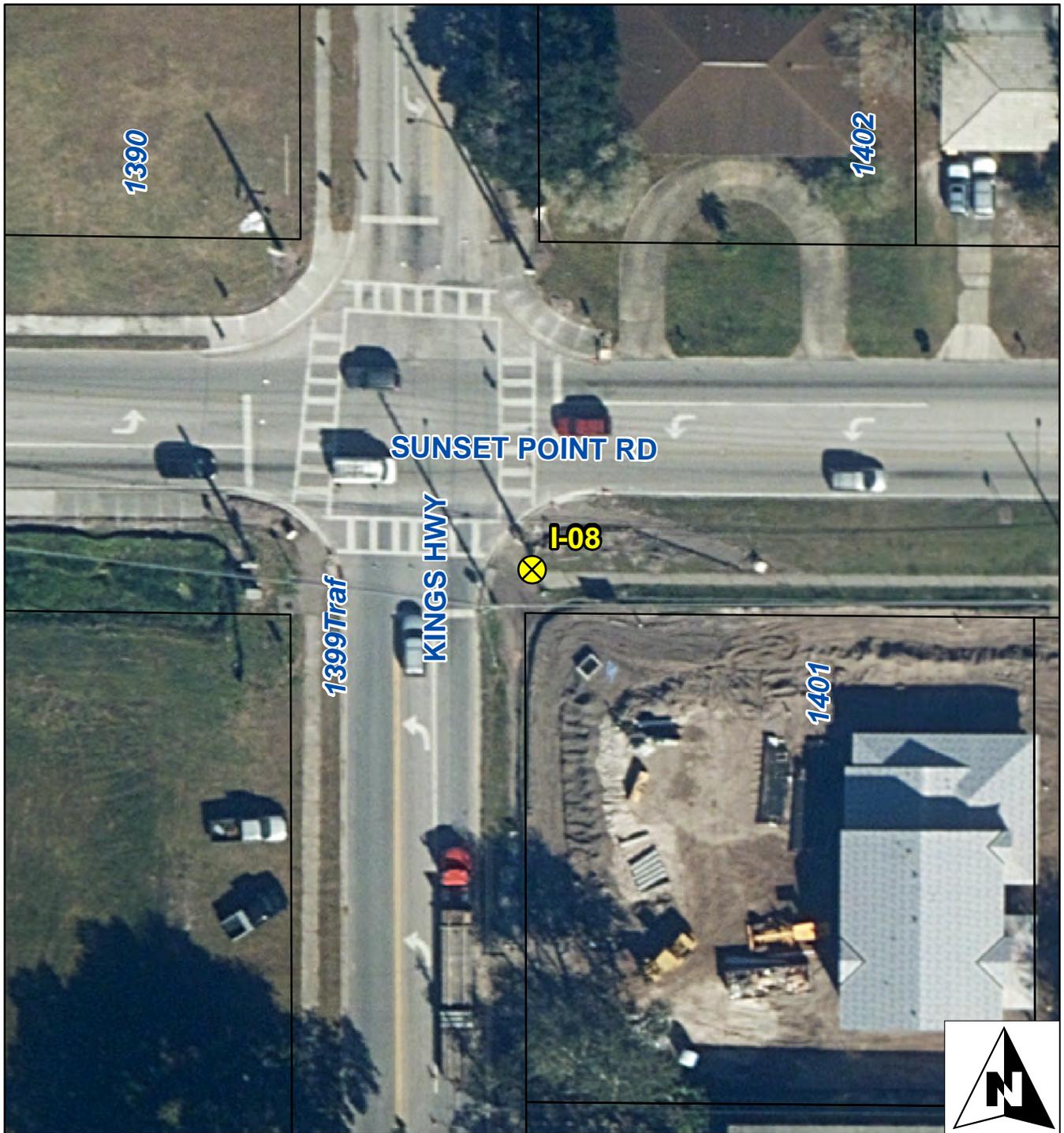
Northing: **1,329,879.1700**      Easting: **401,885.4700**      Elevation: **24.3867**

Location: **SW corner of Sunset Point Rd / Douglas Ave, in grass.**

Fire Grid: **260A**    Installed/Revised: **10/13/2005**    Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: I-08

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,329,843.0400**

Easting: **404,613.6500**

Elevation: **15.6715**

Location: **SE corner of Sunset Point Rd / Kings Hwy**

Fire Grid: **261A** Installed/Revised: **10/13/2005** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



Document Path: V:\GIS\Engineering\Benchmarks\Data\Benchmark.mxd

City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: I-09

0 20 40  
Feet  
1 inch = 40 feet

Northing: 1,329,827.8700

Easting: 407,104.1400

Elevation: 46.6231

Location: SE corner of Sunset Point Rd / East Dr

Fire Grid: 261A Installed/Revised: 10/13/2005 Removed/Destroyed: 11/1/2014

Notes: Destroyed, Replaced by New I-09A

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: I-09A

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,329,822.3146**

Easting: **407,230.2340**

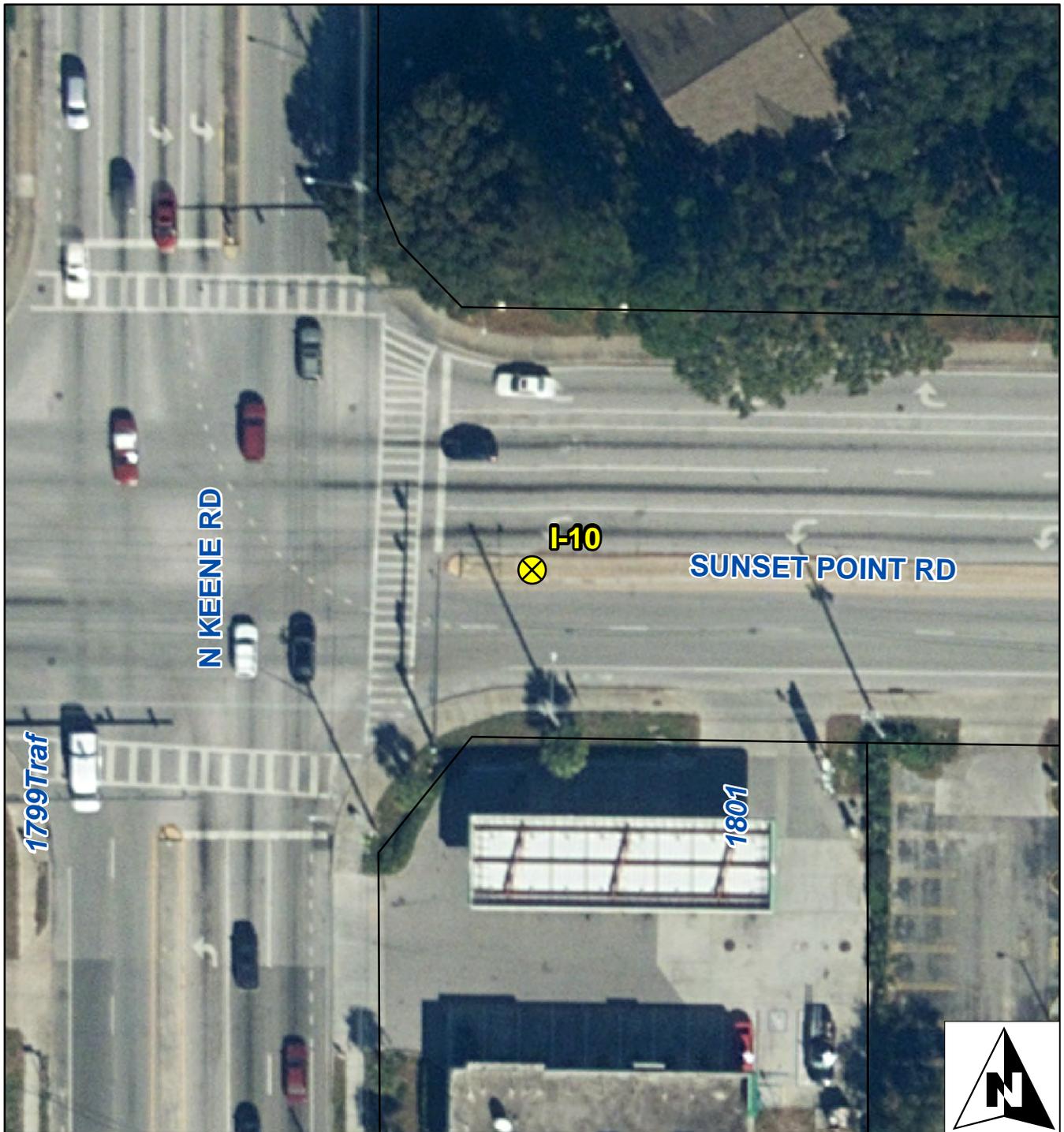
Elevation: **48.8437**

Location: **1571 Sunset Point Rd, on sidewalk.**

Fire Grid: **261A** Installed/Revised: **2/4/2015** Removed/Destroyed:

Notes: **New Location, Replaced Destroyed I-09**

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: I-10

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,329,827.7000**

Easting: **409,998.5200**

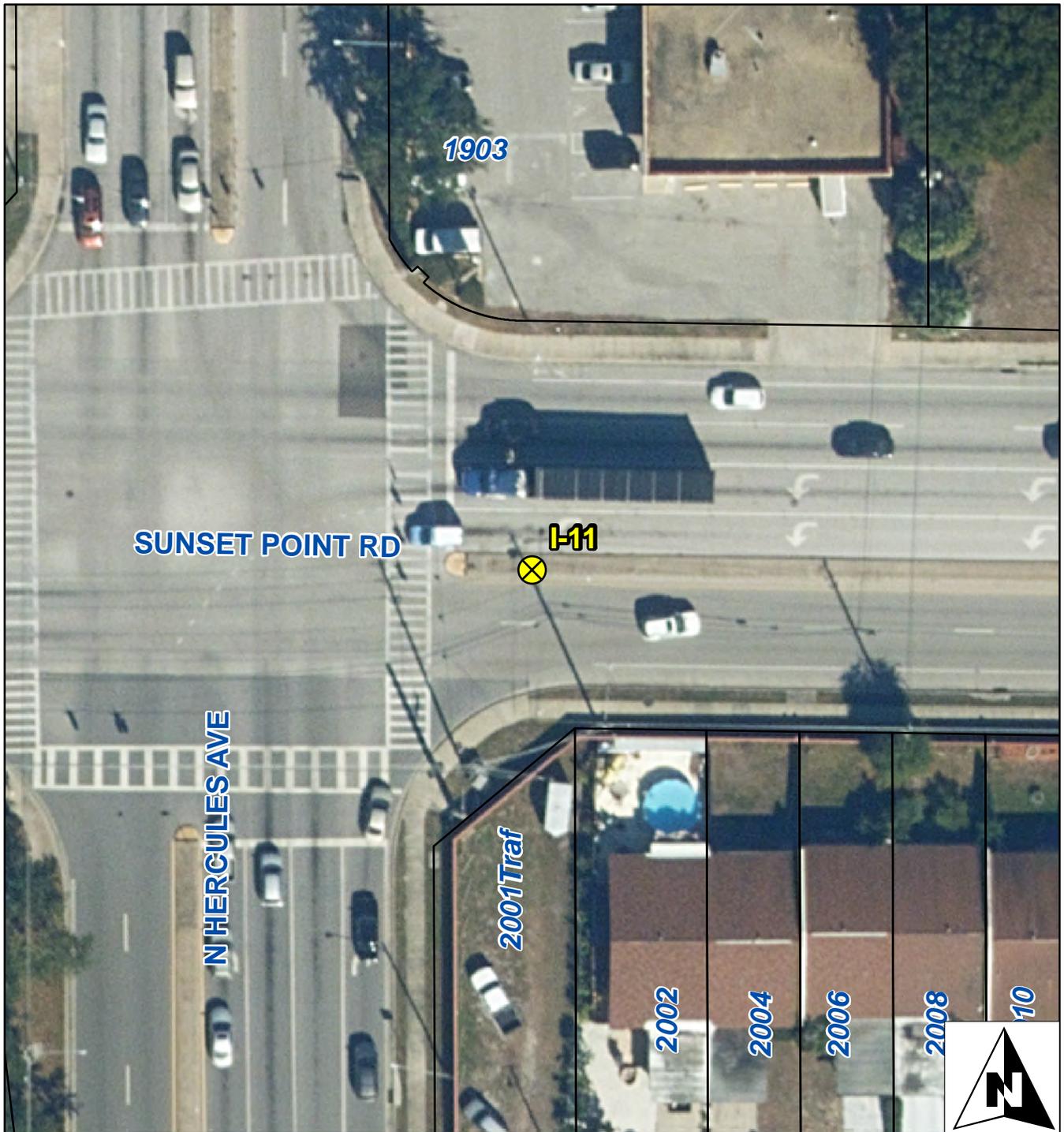
Elevation: **56.6970**

Location: **E median at Sunset Point Rd / N Keene Rd, in median.**

Fire Grid: **262A** Installed/Revised: **10/13/2005** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: I-11

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,329,783.2100**

Easting: **412,692.3900**

Elevation: **60.8051**

Location: **E median at Sunset Point Rd / N Hercules Ave, in median.**

Fire Grid: **262B** Installed/Revised: **10/13/2005** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



0 20 40  
Feet  
1 inch = 40 feet

City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: I-12

Northing: **1,329,777.8100**

Easting: **415,561.5200**

Elevation: **58.4640**

Location: **W median at Sunset Point Rd / N Belcher Rd. in median.**

Fire Grid: **254A** Installed/Revised: **10/13/2005** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: I-13

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,329,807.0000**

Easting: **418,454.0800**

Elevation: **65.7673**

Location: **NW corner of Sunset Point Rd / W Skyline Dr, on sidewalk curb.**

Fire Grid: **254B** Installed/Revised: **10/13/2005** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: I-14

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,330,056.2400**

Easting: **420,837.9000**

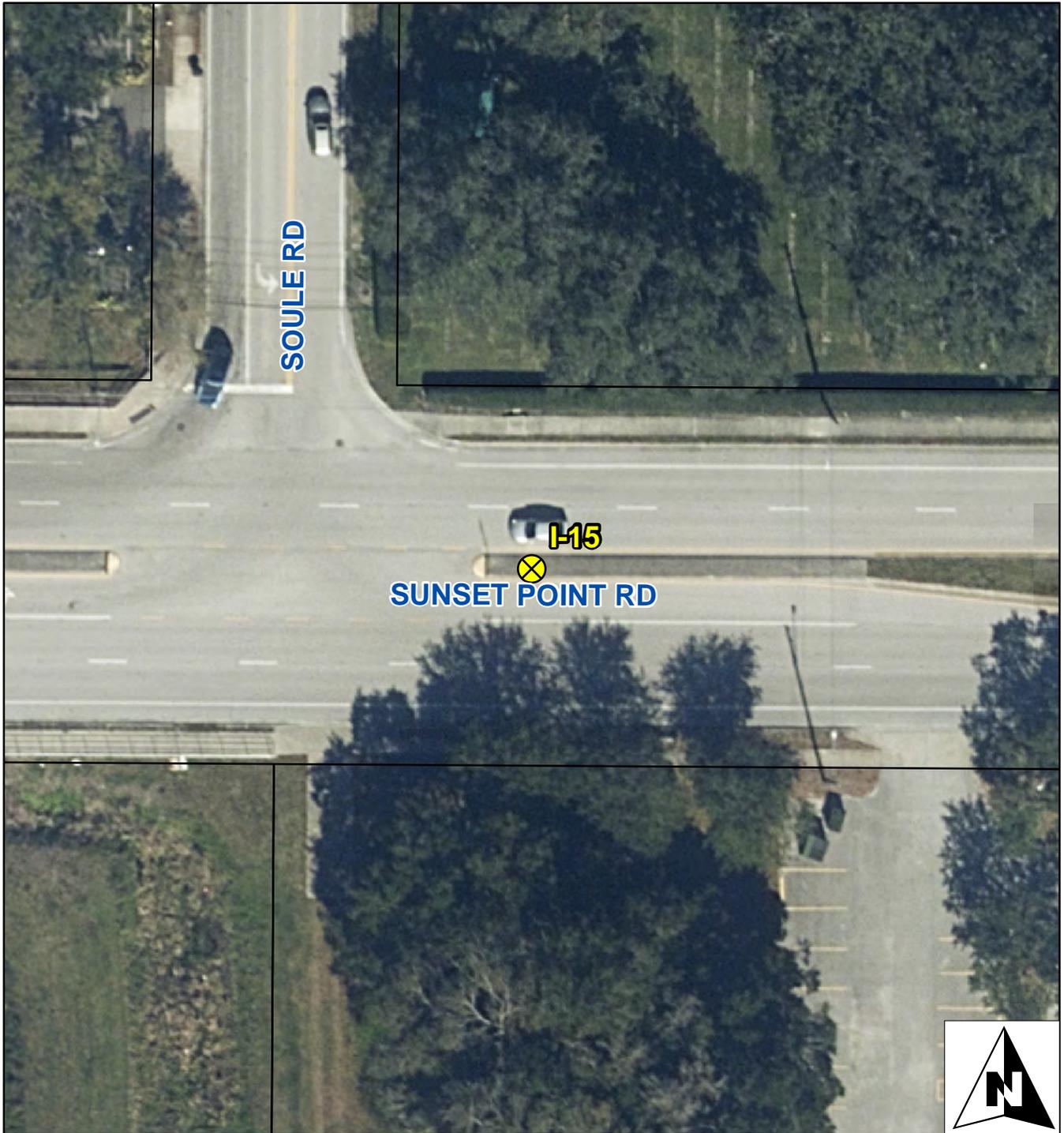
Elevation: **83.0385**

Location: **E median on Sunset Point Rd / US 19, in median.**

Fire Grid: **255A** Installed/Revised: **10/13/2005** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



0 20 40  
Feet  
1 inch = 40 feet

City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: I-15

Northing: **1,330,057.0300**

Easting: **423,476.7600**

Elevation: **60.3556**

Location: **In median on Sunset Point Rd, E of Soule Rd, in median.**

Fire Grid: **255B** Installed/Revised: **10/13/2005** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



Document Path: V:\GIS\Engineering\BenchmarksData\Benchmark.mxd

City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: I-16

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,330,040.7200**      Easting: **426,167.3200**      Elevation: **33.3948**

Location: **In median on Sunset Point Rd, E of Abbey Lake Rd, in median.**

Fire Grid: **256A**      Installed/Revised: **10/13/2005**      Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: J-02

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,333,096.8500**

Easting: **389,135.1400**

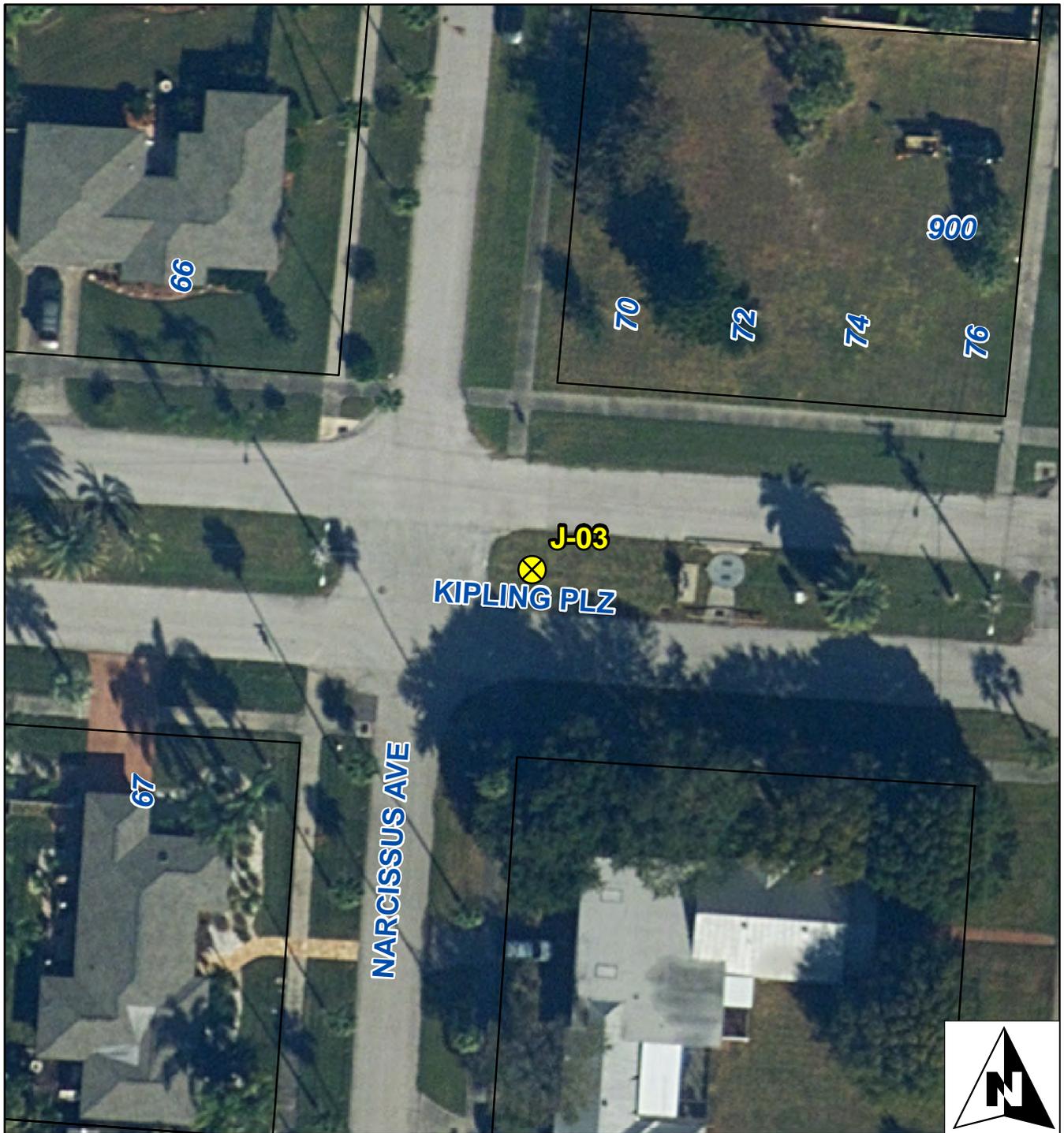
Elevation: **4.4385**

Location: **NE corner of road at 921 Eldorado Ave, in grass.**

Fire Grid: **238A** Installed/Revised: **10/13/2005** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: J-03

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,332,675.4500**

Easting: **390,231.0100**

Elevation: **2.5951**

Location: **E Median at Kipling Plz / Narcissus Ave, in grass.**

Fire Grid: **249A** Installed/Revised: **10/13/2005** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



0 20 40  
Feet  
1 inch = 40 feet

City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: J-03.5

Northing: **1,332,280.8900**      Easting: **391,428.1000**      Elevation: **7.5278**

Location: **End of Island Way at 886 Island Way, in grass.**

Fire Grid: **249B**      Installed/Revised: **5/18/2006**      Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: J-06

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,332,586.7710**

Easting: **399,832.9206**

Elevation: **7.2516**

Location: **SE corner of Union St / Edgewater Dr, on storm curb inlet.**

Fire Grid: **251A** Installed/Revised: **5/22/2006** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: J-07

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,332,553.5800**

Easting: **401,941.8500**

Elevation: **21.4010**

Location: **SE corner of Union St / Douglas Ave, on sidewalk.**

Fire Grid: **251B** Installed/Revised: **10/13/2005** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: J-08

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,332,516.4700**

Easting: **404,537.2500**

Elevation: **19.9602**

Location: **SW corner of Union St / Kings Hwy**

Fire Grid: **251B** Installed/Revised: **10/13/2005** Removed/Destroyed: **7/1/2013**

Notes: **Destroyed, Replaced by New J-08A**

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: J-08A

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,332,571.9149**

Easting: **404,591.6696**

Elevation: **19.0867**

Location: **NE corner of Union St / Kings Hwy, in grass.**

Fire Grid: **252A** Installed/Revised: **11/18/2014** Removed/Destroyed:

Notes: **New Location, Replaced Destroyed J-08**

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: J-09

0 20 40  
Feet  
1 inch = 40 feet

Northing: 1,332,478.6100

Easting: 407,143.1800

Elevation: 46.4667

Location: SE corner of Union St / Powderhorn Dr

Fire Grid: 252A Installed/Revised: 10/13/2005 Removed/Destroyed: 10/1/2011

Notes: Destroyed, Replaced by New J-09A

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: J-09A

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,332,456.3100**

Easting: **407,094.9700**

Elevation: **45.8523**

Location: **SW corner of Union St / Powderhorn Dr, in grass.**

Fire Grid: **252A** Installed/Revised: **1/1/2012** Removed/Destroyed:

Notes: **New Location, Replaced Destroyed J-09**

# CITY OF CLEARWATER BENCHMARKS



Document Path: V:\GIS\Engineering\Benchmarks\Data\Benchmark.mxd

City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: J-10

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,332,500.5800**

Easting: **409,820.4100**

Elevation: **55.2442**

Location: **NW corner of Union St / N Keene Rd, on storm curb inlet.**

Fire Grid: **252B** Installed/Revised: **10/13/2005** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



Document Path: V:\GIS\Engineering\Benchmarks\Data\Benchmark.mxd

City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: J-11

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,332,422.2700**

Easting: **412,621.0700**

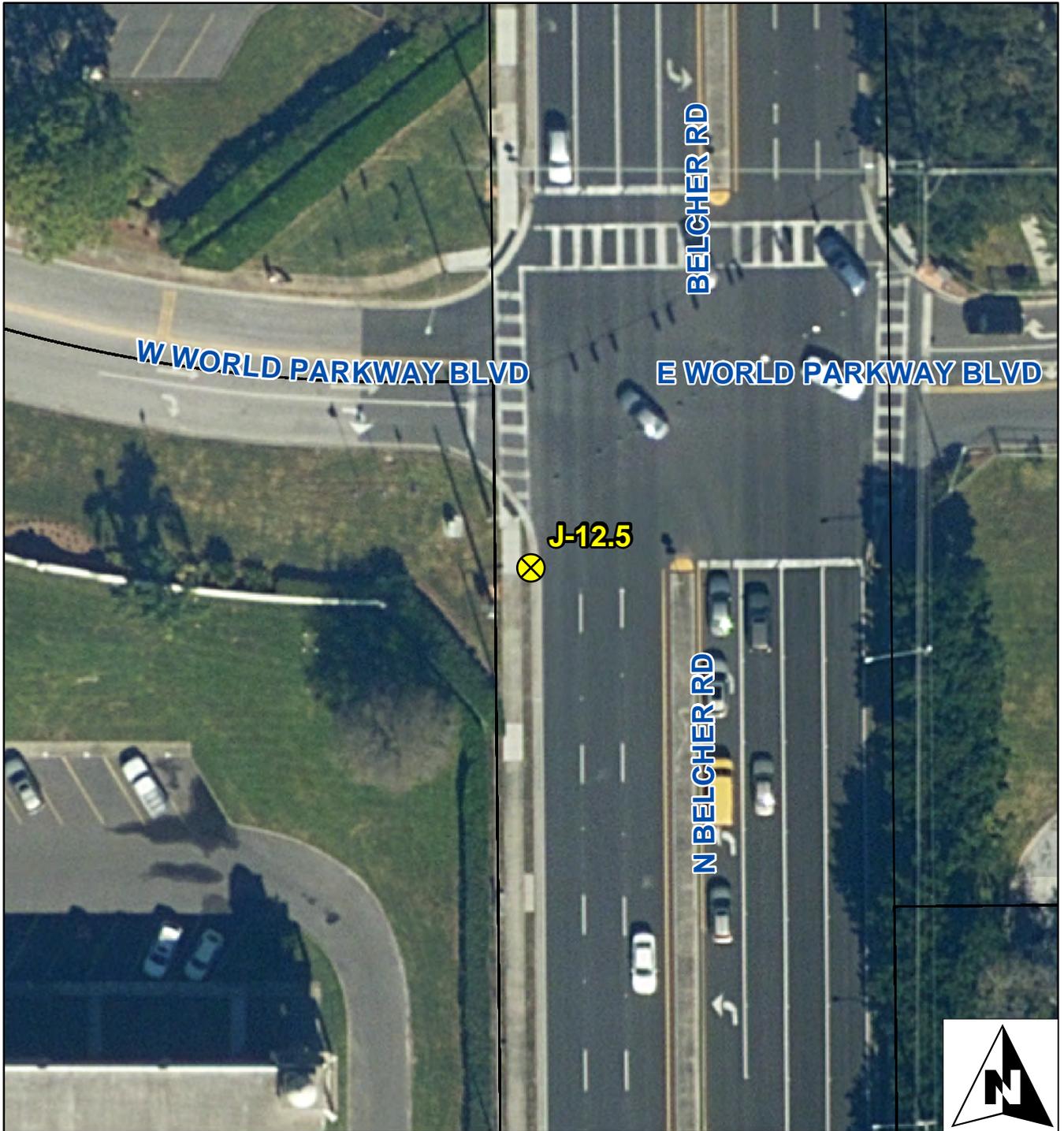
Elevation: **66.4381**

Location: **E side of Hercules Ave at Union St, in grass.**

Fire Grid: **253B** Installed/Revised: **10/13/2005** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



Document Path: V:\GIS\Engineering\Benchmarks\Data\Benchmark.mxd

City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: J-12.5

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,333,244.1400**      Easting: **416,610.2700**      Elevation: **78.0955**

Location: **SW corner of World Parkway Blvd / Belcher Rd, in grass.**

Fire Grid: **243A**      Installed/Revised: **10/13/2005**      Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: J-14

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,332,203.1300**

Easting: **420,844.0100**

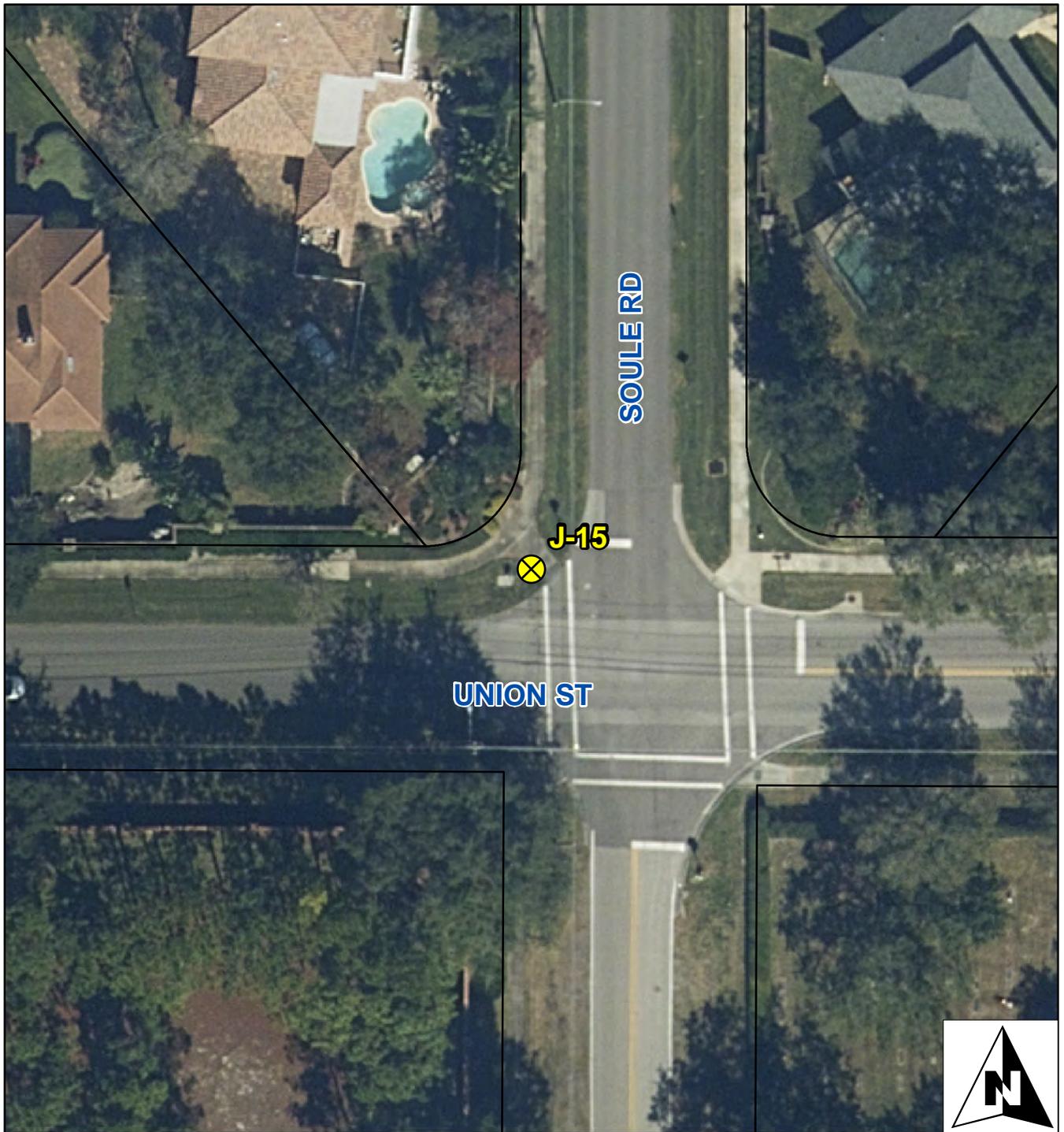
Elevation: **85.9210**

Location: **SE corner of Ameri Tech Way / US 19 N, on storm curb inlet.**

Fire Grid: **255A** Installed/Revised: **12/10/2013** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



Document Path: V:\GIS\Engineering\BenchmarksData\Benchmark.mxd

City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: J-15

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,332,450.0300**

Easting: **423,393.8200**

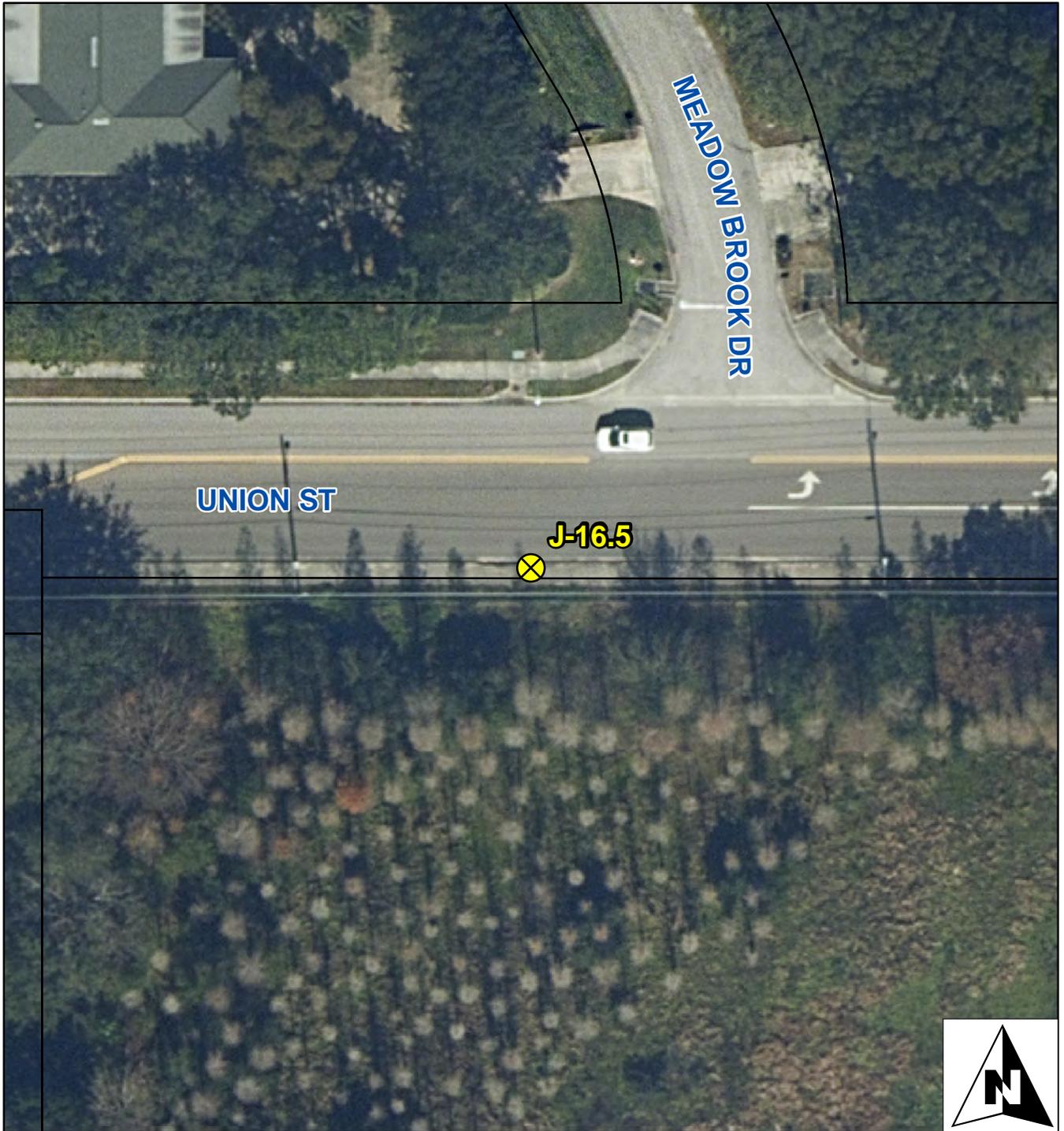
Elevation: **89.6706**

Location: **NW corner of Union St / Soule Rd, in grass.**

Fire Grid: **244A** Installed/Revised: **10/13/2005** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



Document Path: V:\GIS\Engineering\Benchmarks\Data\Benchmark.mxd

City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: J-16.5

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,332,385.1800**      Easting: **427,062.7600**      Elevation: **28.3144**

Location: **S side of Union St, just W of Meadowbrook Dr, on storm curb inlet.**

Fire Grid: **256A**      Installed/Revised: **10/13/2005**      Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: K-12

0 20 40  
Feet  
1 inch = 40 feet

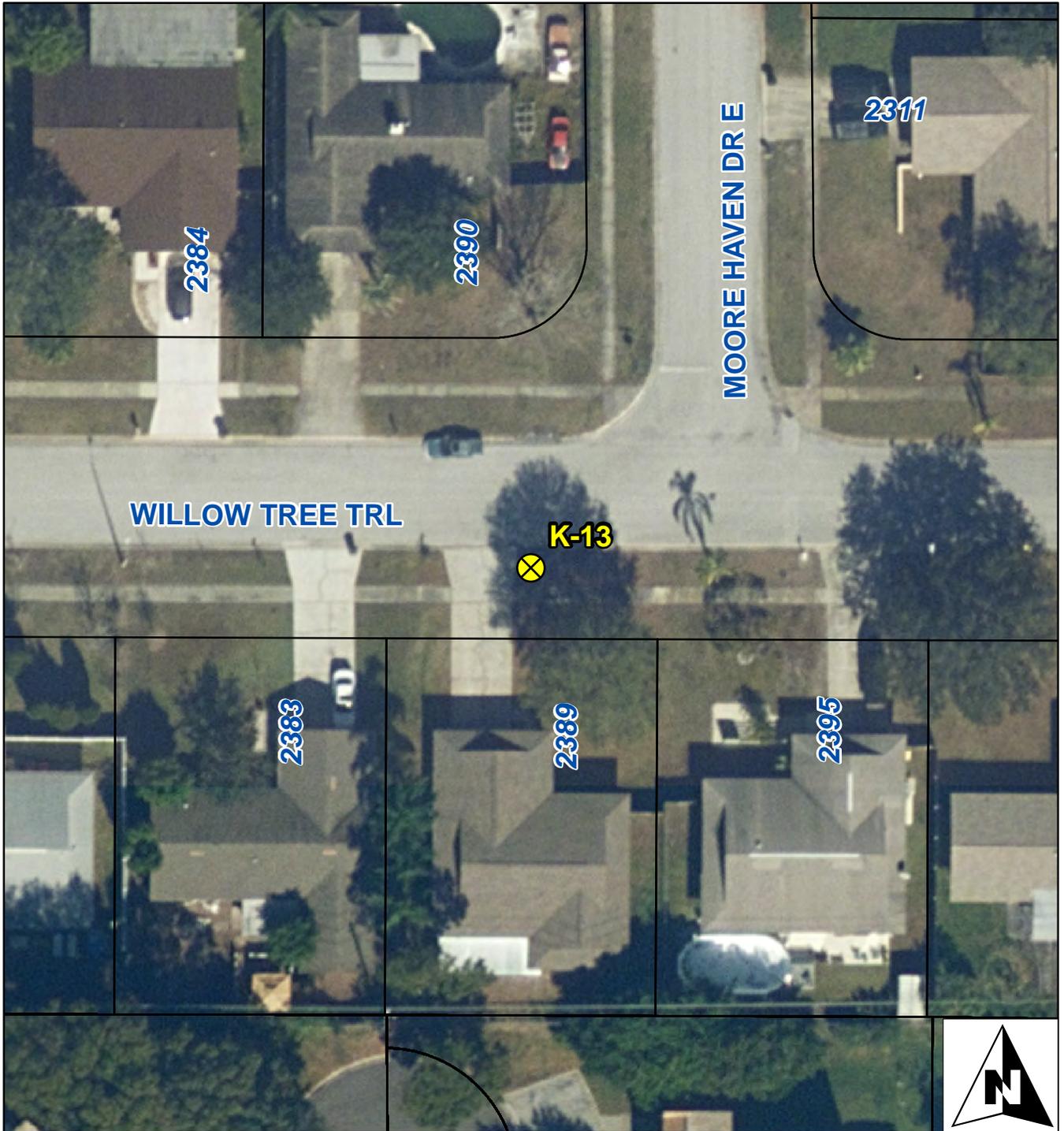
Northing: **1,336,085.5500**      Easting: **415,402.3800**      Elevation: **65.9157**

Location: **E side of Hazlewood Ln at 2211 White Oak Cir, on storm curb inlet.**

Fire Grid: **232A**    Installed/Revised: **3/16/2006**    Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: K-13

0 20 40  
Feet  
1 inch = 40 feet

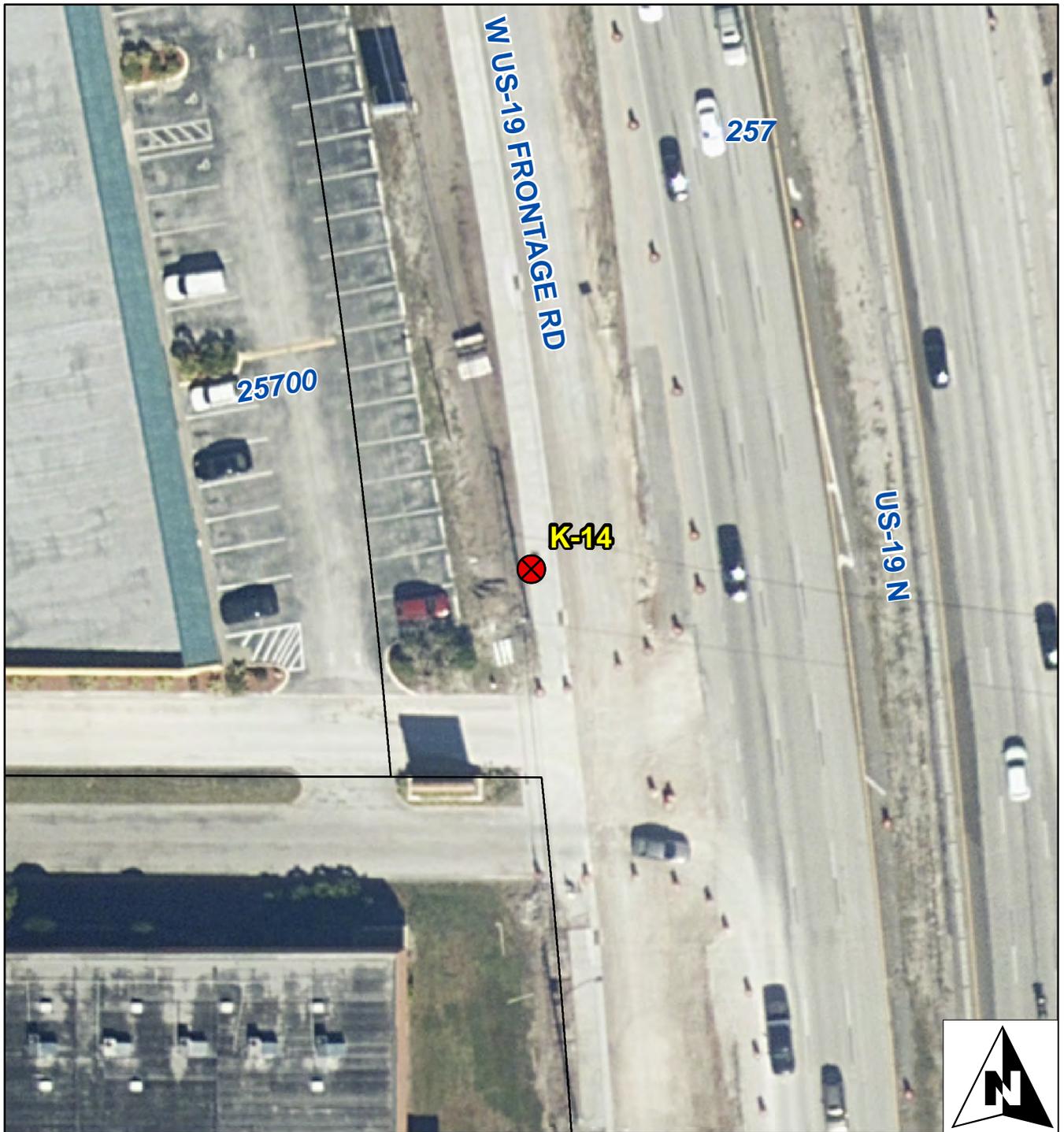
Northing: **1,335,237.8900**      Easting: **417,866.1300**      Elevation: **79.3014**

Location: **S side of Willow Tree Trl, W of Moore Haven Dr E, in grass.**

Fire Grid: **232A**    Installed/Revised: **10/13/2005**    Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



0 20 40  
Feet  
1 inch = 40 feet

City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: K-14

Northing: **1,335,445.0400**      Easting: **420,637.0100**      Elevation: **89.3597**

Location: **W side or road at 25400 US 19**

Fire Grid: **232B**      Installed/Revised: **10/13/2005**      Removed/Destroyed: **7/1/2013**

Notes: **Destroyed, Replaced by New K-14A**

# CITY OF CLEARWATER BENCHMARKS



0 20 40  
Feet  
1 inch = 40 feet

City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: K-14A

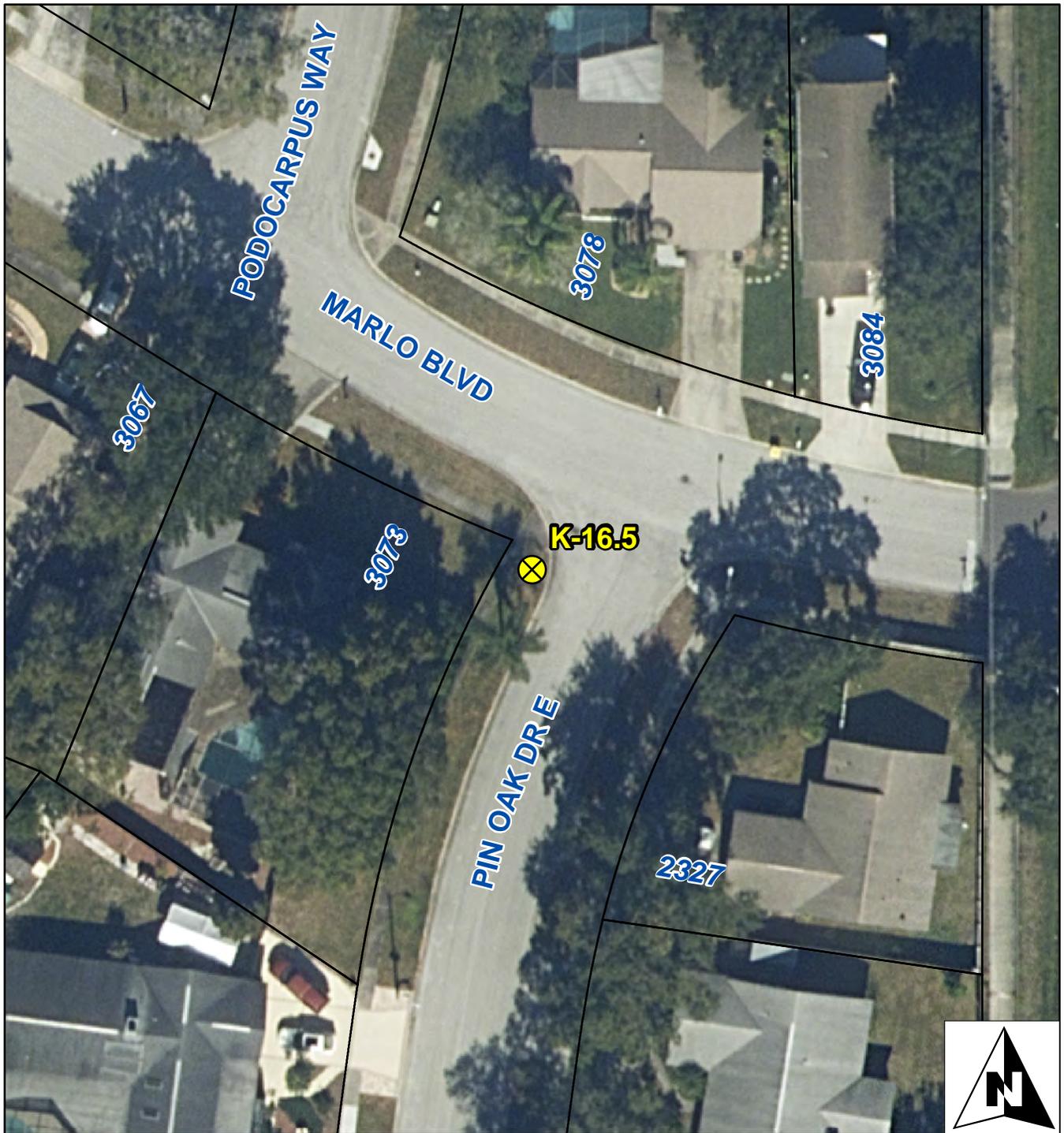
Northing: **1,335,314.9354**      Easting: **420,861.6588**      Elevation: **90.7780**

Location: **SE corner of Dimmit Dr / US 19, on storm grate structure.**

Fire Grid: **233A**      Installed/Revised: **12/10/2013**      Removed/Destroyed:

Notes: **New Location, Replaced Destroyed K-14**

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: K-16.5

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,335,545.2900**

Easting: **427,192.3200**

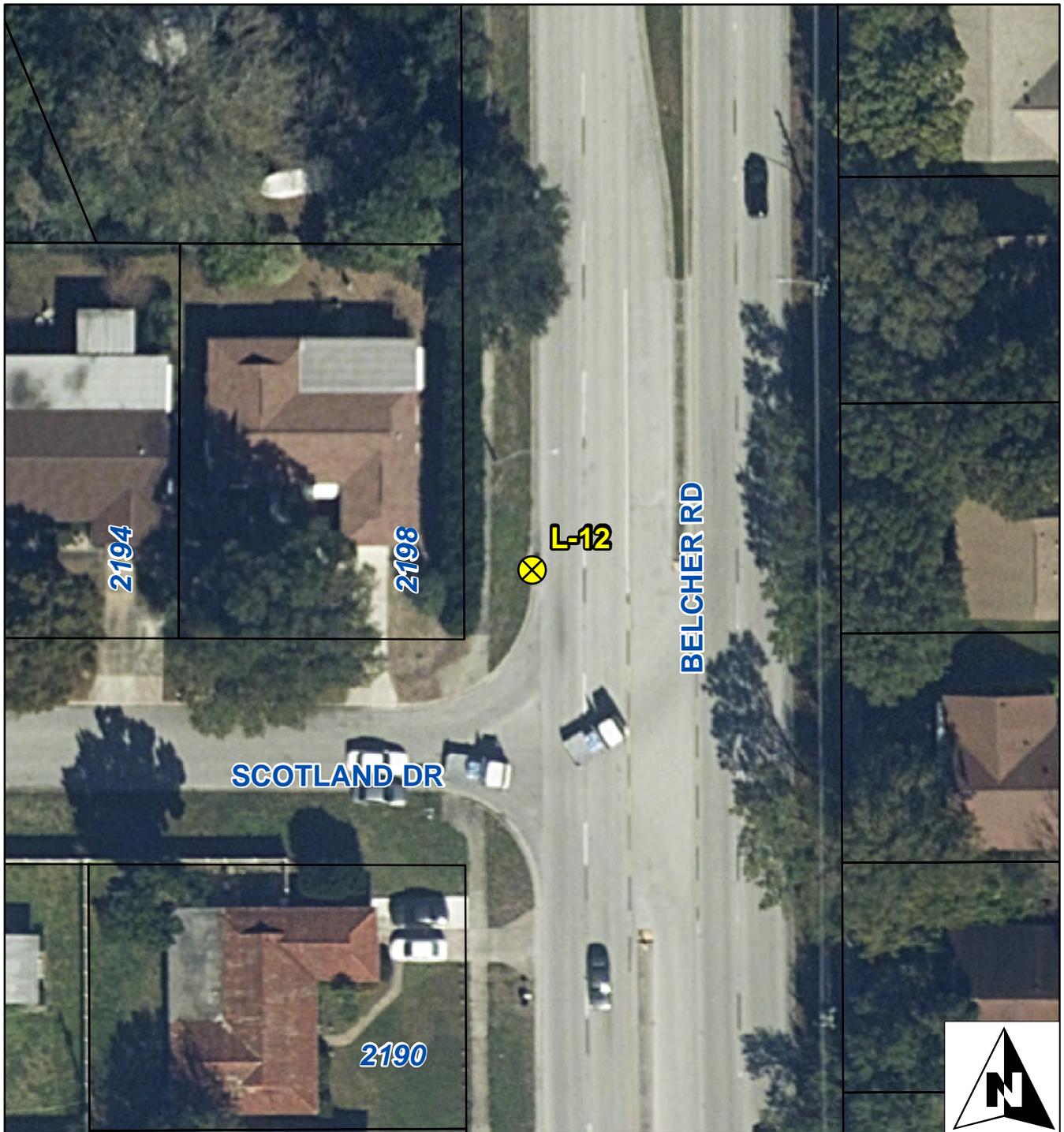
Elevation: **55.2265**

Location: **SW corner of Marlo Blvd / Pin Oak Dr E, in grass.**

Fire Grid: **234A** Installed/Revised: **10/13/2005** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: L-12

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,337,723.2000**

Easting: **415,191.9300**

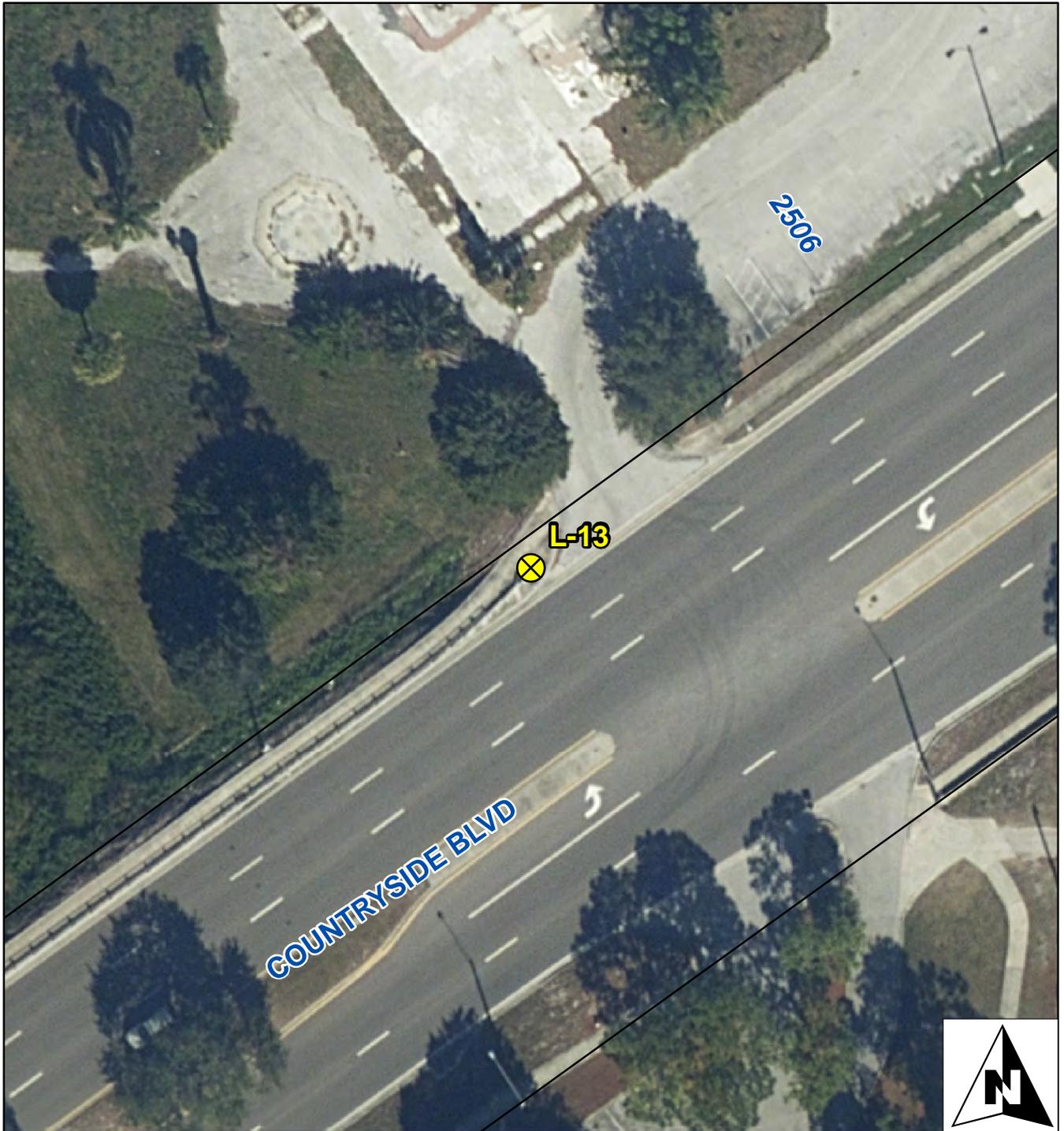
Elevation: **68.8731**

Location: **NW corner of Scotland Dr / Belcher Rd, on storm curb inlet.**

Fire Grid: **231B** Installed/Revised: **10/13/2005** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



Document Path: V:\GIS\Engineering\Benchmarks\Data\Benchmark.mxd

City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: L-13

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,337,952.3100**

Easting: **417,606.2300**

Elevation: **74.5838**

Location: **N side of road at 2506 Countryside Blvd, on sidewalk.**

Fire Grid: **221A** Installed/Revised: **10/13/2005** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: L-14

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,337,250.7700**

Easting: **420,501.6600**

Elevation: **87.9511**

Location: **Triangle median at Enterprise Rd E / Village Dr**

Fire Grid: **232B** Installed/Revised: **10/13/2005** Removed/Destroyed: **7/1/2013**

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: L-14A

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,337,065.5822**      Easting: **420,197.7618**      Elevation: **88.0816**

Location: **NE corner of US 19 / Enterprise Rd, on storm curb inlet.**

Fire Grid: **232B**      Installed/Revised: **2/4/2015**      Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: L-15

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,337,432.9300**

Easting: **423,789.6000**

Elevation: **85.4033**

Location: **NE corner of Enterprise Rd E / Frisco Dr, in the grass.**

Fire Grid: **233B** Installed/Revised: **10/13/2005** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



Document Path: V:\GIS\Engineering\Benchmarks\Data\Benchmark.mxd

City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: L-16

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,337,844.7200**

Easting: **426,118.4900**

Elevation: **54.5576**

Location: **NE corner of Enterprise Rd E / Landmark Dr, in the grass.**

Fire Grid: **223A** Installed/Revised: **10/13/2005** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: M-12

0 20 40  
Feet  
1 inch = 40 feet



Northing: **1,340,157.6400**

Easting: **415,158.4200**

Elevation: **70.5584**

Location: **SW corner of Palmwood Dr / Belcher Rd, in the grass.**

Fire Grid: **221A** Installed/Revised: **10/13/2005** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: M-13

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,340,396.1100**

Easting: **418,198.7200**

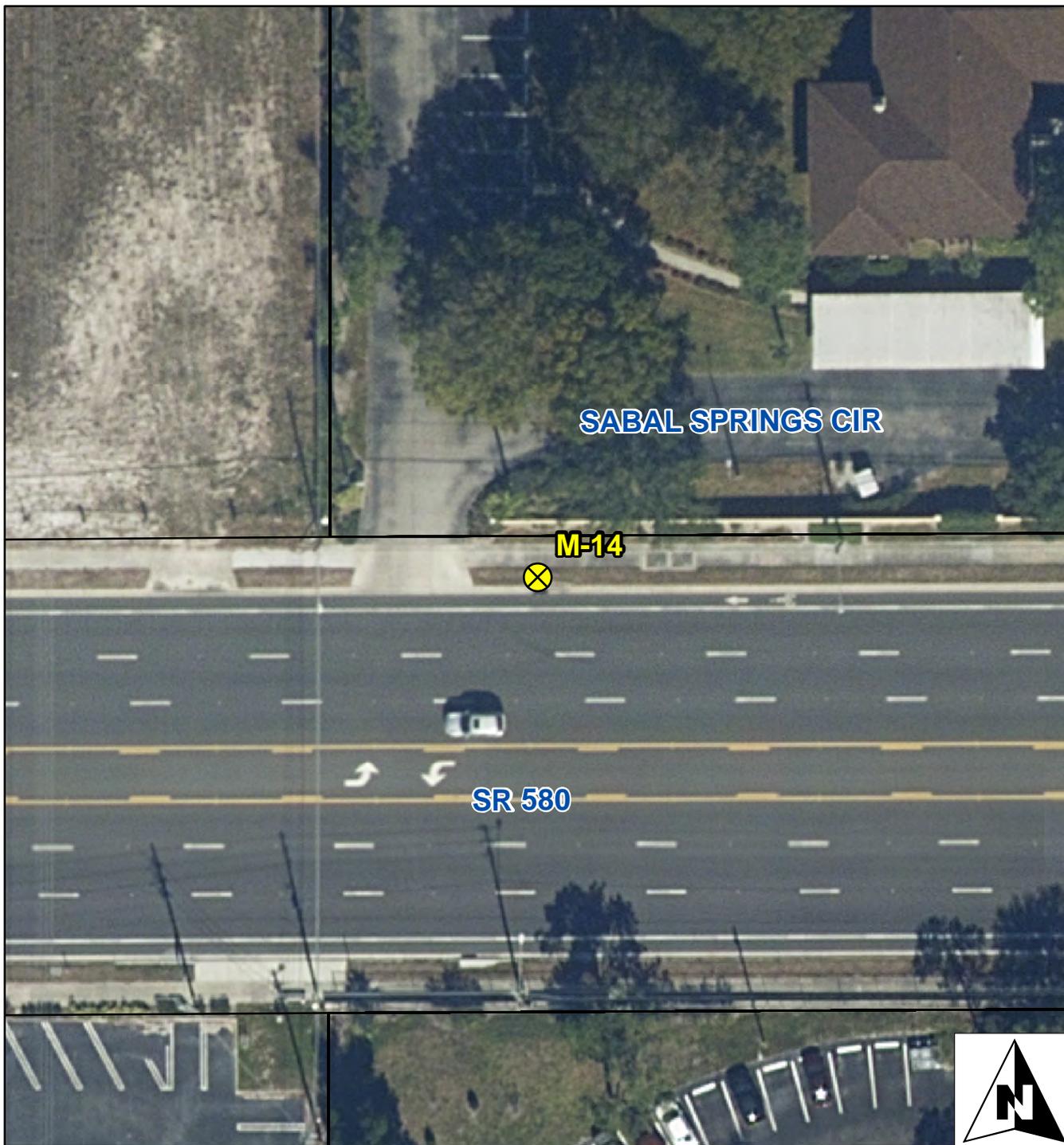
Elevation: **75.3010**

Location: **SW corner of SR 580 / US 19, on wall.**

Fire Grid: **221B** Installed/Revised: **10/13/2005** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: M-14

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,340,525.8900**

Easting: **421,018.2400**

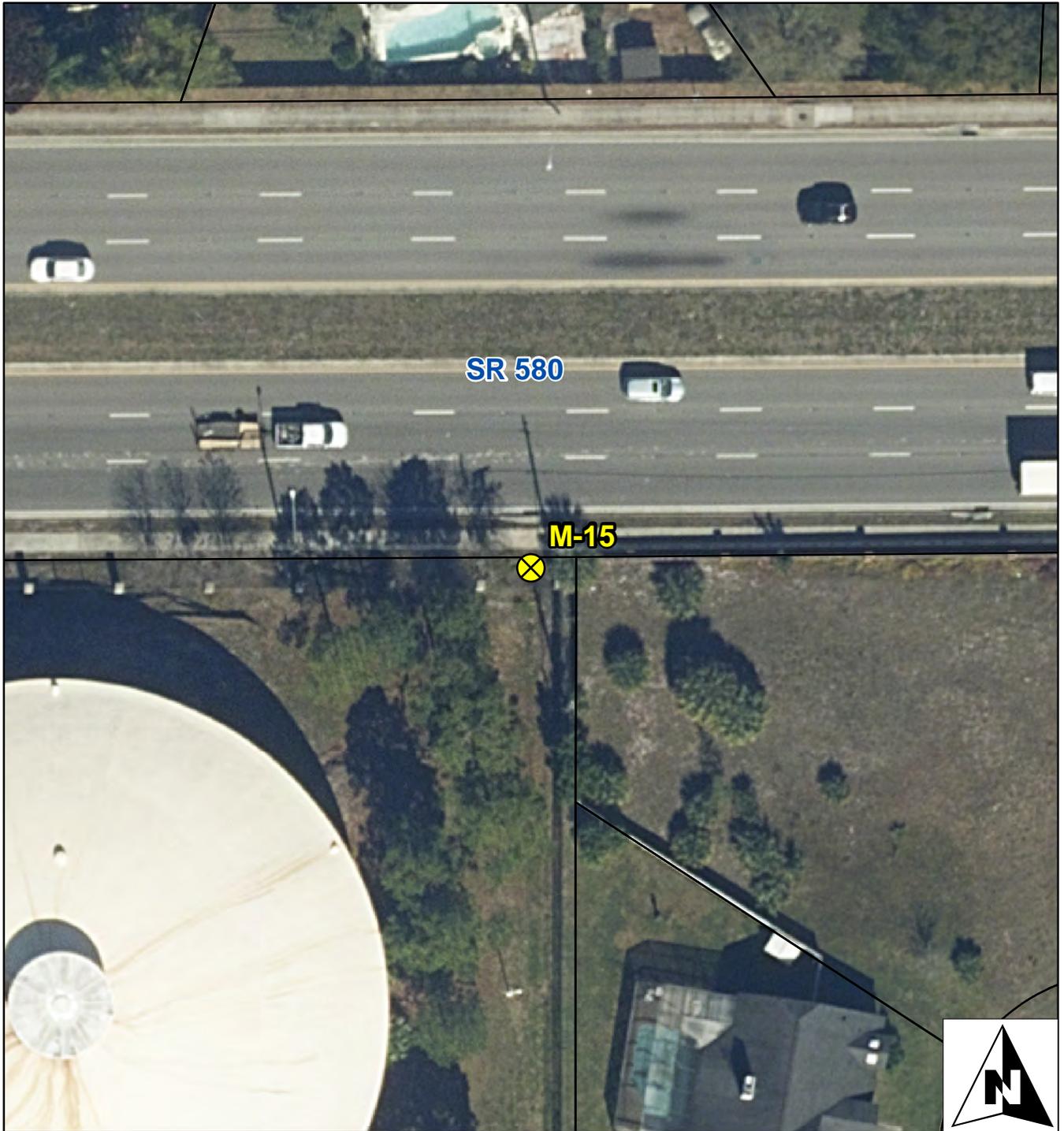
Elevation: **95.6074**

Location: **N side of SR 580, E of Sabal Springs Cir, on storm curb inlet.**

Fire Grid: **211A** Installed/Revised: **10/13/2005** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: M-15

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,340,429.5900**

Easting: **423,407.6900**

Elevation: **90.0257**

Location: **S side of SR 580, E side of Water Treatment Plant, on storm grate structure.**

Fire Grid: **222A** Installed/Revised: **10/13/2005** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



SR 580

M-16



0 20 40  
Feet  
1 inch = 40 feet

City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: M-16

Northing: 1,340,521.8000

Easting: 425,928.4600

Elevation: 62.6509

Location: **S side of Median on SR 580 btw Landmark / McMullen, on storm curb inlet.**

Fire Grid: **211B** Installed/Revised: **10/13/2005** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: N-14.5

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,343,188.7400**      Easting: **421,838.7600**      Elevation: **90.2358**

Location: **NW corner of Clubhouse Dr S / Countryside Blvd, in grass.**

Fire Grid: **200A**      Installed/Revised: **10/13/2005**      Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: N-15.5

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,343,335.7700**

Easting: **424,428.3500**

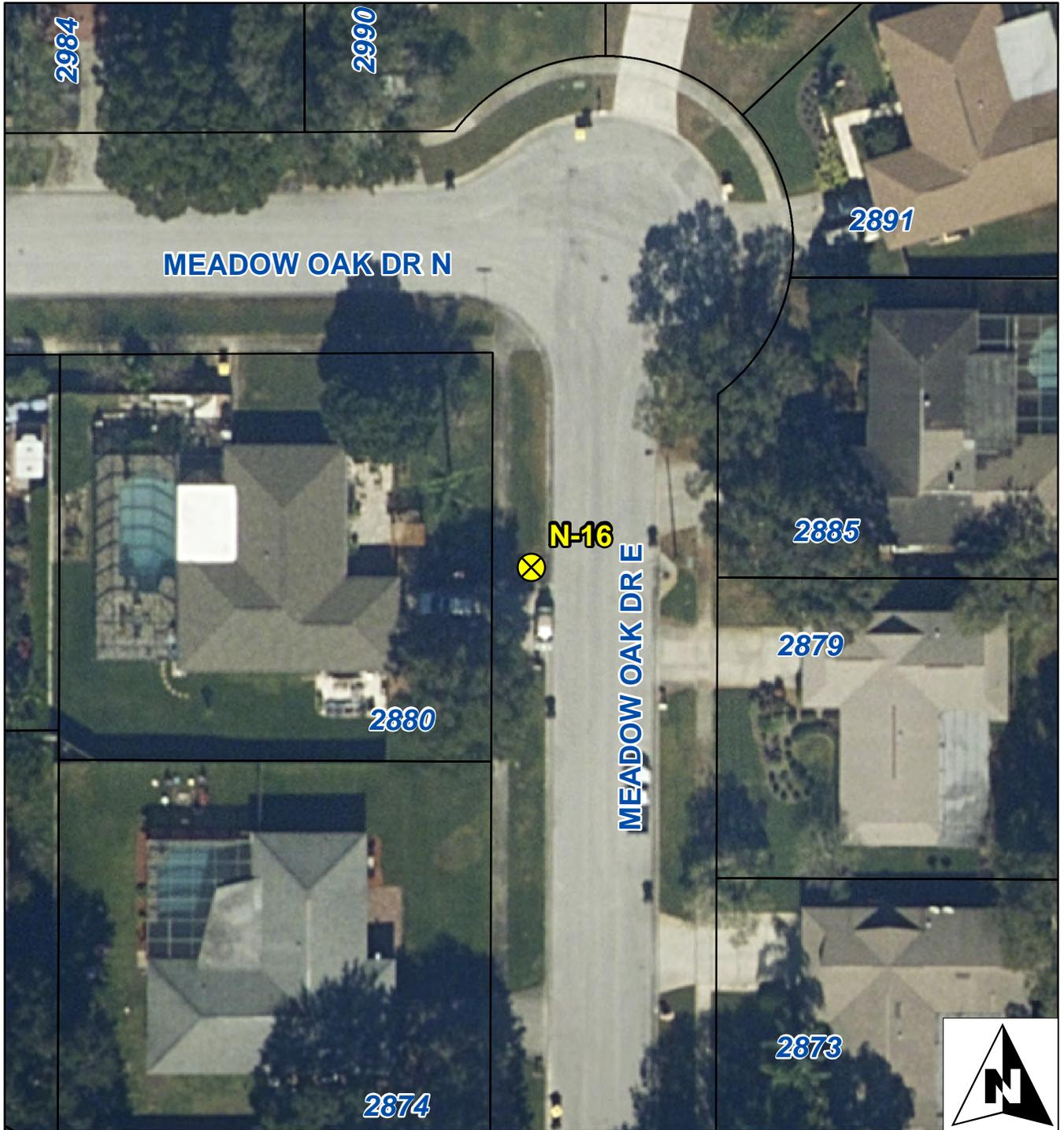
Elevation: **87.8933**

Location: **SW corner of Shady Oak Ct / Landmark Dr, in grass.**

Fire Grid: **200B** Installed/Revised: **10/13/2005** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: N-16

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,342,943.5200**

Easting: **425,911.3200**

Elevation: **61.9824**

Location: **W side of Meadow Oak Dr E at 2880 Meadow Oak Dr E, on storm curb inlet.**

Fire Grid: **211B** Installed/Revised: **10/13/2005** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: N-16.5

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,343,234.8400**      Easting: **427,418.9600**      Elevation: **60.4588**

Location: **W side of McMullen Bth Rd, N of Drive to Gas Comp., on sidewalk.**

Fire Grid: **201A**      Installed/Revised: **10/13/2005**      Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: NO-13

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,344,134.8800**      Easting: **418,122.9900**      Elevation: **58.8988**

Location: **SE corner of Estancia Blvd / US 19 N, on sidewalk.**

Fire Grid: **199B**      Installed/Revised: **10/13/2005**      Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



0 20 40  
Feet  
1 inch = 40 feet

City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: O-14

Northing: **1,345,751.1800**      Easting: **421,441.0600**      Elevation: **83.7020**

Location: **NW corner of Augusta Dr N / Countryside Blvd, in grass.**

Fire Grid: **200A**      Installed/Revised: **10/13/2005**      Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



0 20 40  
Feet  
1 inch = 40 feet

City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: O-15

Northing: **1,345,385.7500**

Easting: **424,375.1700**

Elevation: **87.3504**

Location: **E side of Landmark Dr, N of Eagle's Landing Cir E, on sidewalk.**

Fire Grid: **200B** Installed/Revised: **10/13/2005** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: O-16.5

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,345,911.9000**

Easting: **427,364.9300**

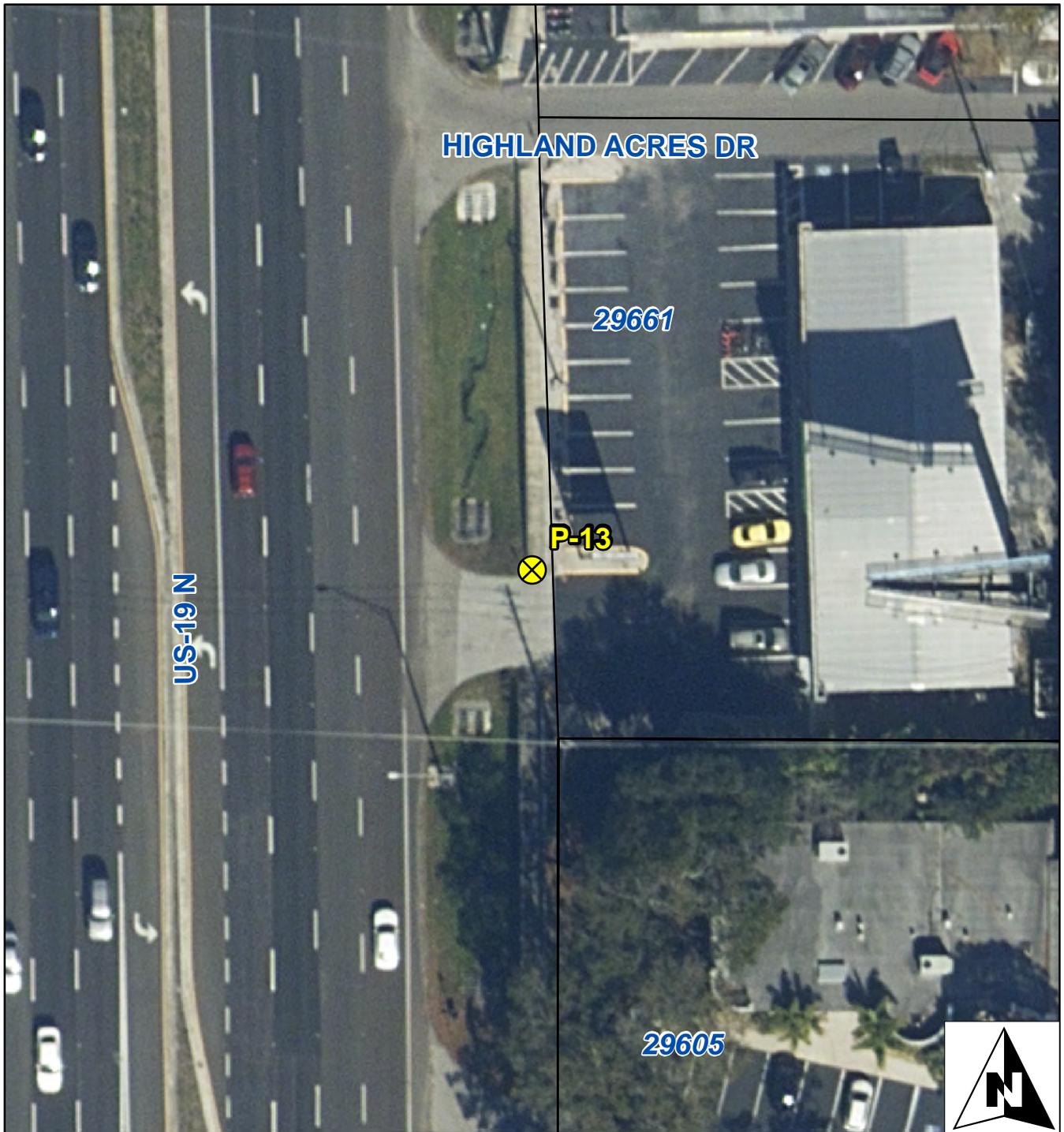
Elevation: **51.1939**

Location: **W side of road at 3130 McMullen Booth Rd, on storm grate structure.**

Fire Grid: **190A** Installed/Revised: **10/13/2005** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



0 20 40  
Feet  
1 inch = 40 feet

City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: P-13

Northing: **1,348,590.6800**

Easting: **418,114.3900**

Elevation: **58.1981**

Location: **E side of road at 29661 US 19 N, on sidewalk.**

Fire Grid: **177B** Installed/Revised: **10/13/2005** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: P-14

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,347,812.7900**      Easting: **420,652.5800**      Elevation: **75.5969**

Location: **SE corner of Northside Dr / Beaver Dr, on sidewalk.**

Fire Grid: **188B**    Installed/Revised: **10/13/2005**    Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



Document Path: V:\GIS\Engineering\Benchmarks\Data\Benchmark.mxd

City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: P-15

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,348,608.4700**

Easting: **423,795.5800**

Elevation: **81.1224**

Location: **SW corner of Masters Dr / Countryside Blvd, in grass.**

Fire Grid: **178B** Installed/Revised: **10/13/2005** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: P-16

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,348,240.6500**

Easting: **426,033.2200**

Elevation: **44.1315**

Location: **SW corner of Exeter Dr / Landmark Dr, in grass.**

Fire Grid: **189B** Installed/Revised: **10/13/2005** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: P-16.5

0 20 40  
Feet  
1 inch = 40 feet

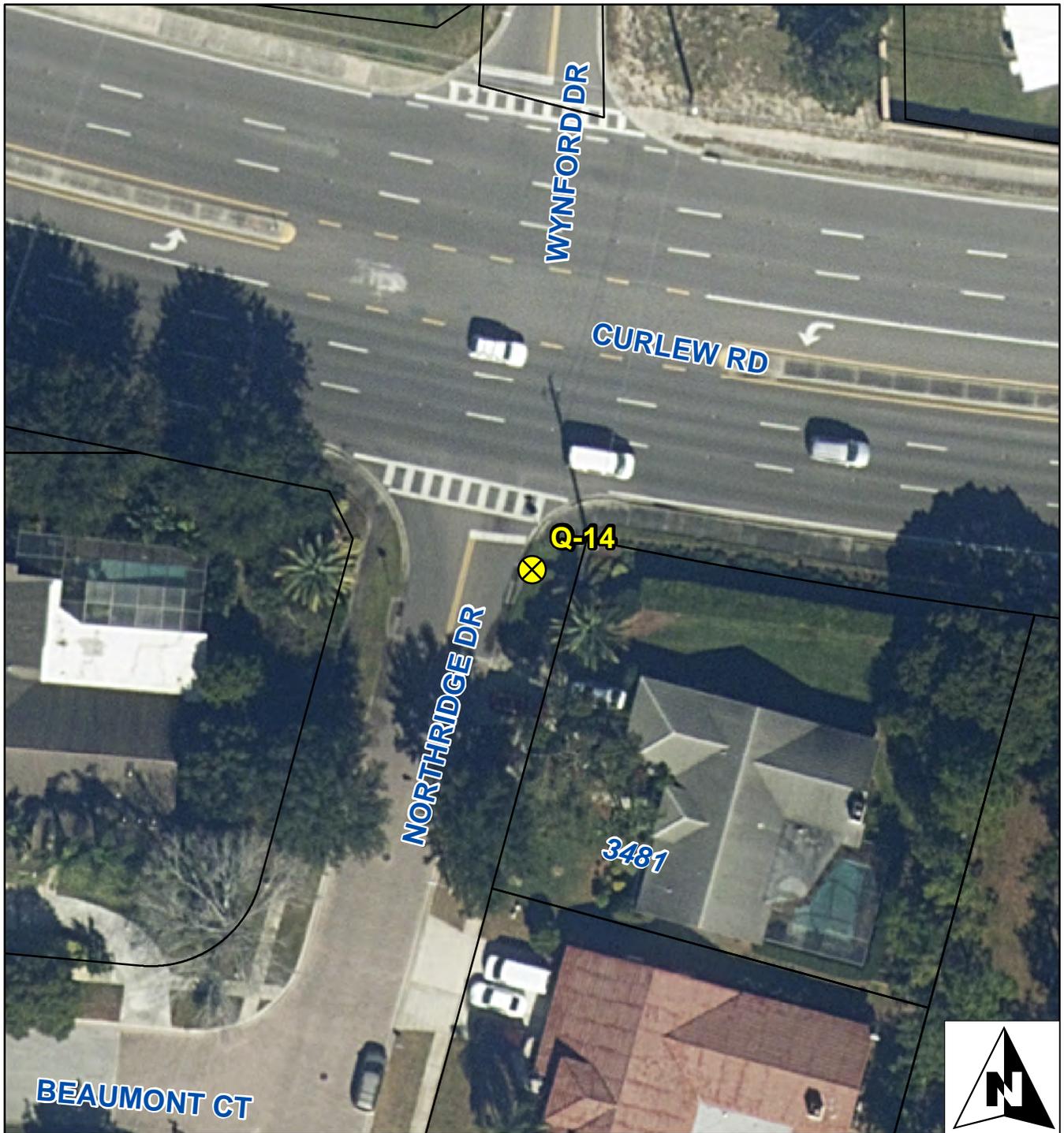
Northing: **1,348,478.1600**      Easting: **427,364.6400**      Elevation: **35.7864**

Location: **W side of road at 3280 McMullen Booth Rd, on storm structure.**

Fire Grid: **190A**      Installed/Revised: **10/13/2005**      Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



Document Path: V:\GIS\Engineering\BenchmarksData\Benchmark.mxd

City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: Q-14

0 20 40  
Feet  
1 inch = 40 feet

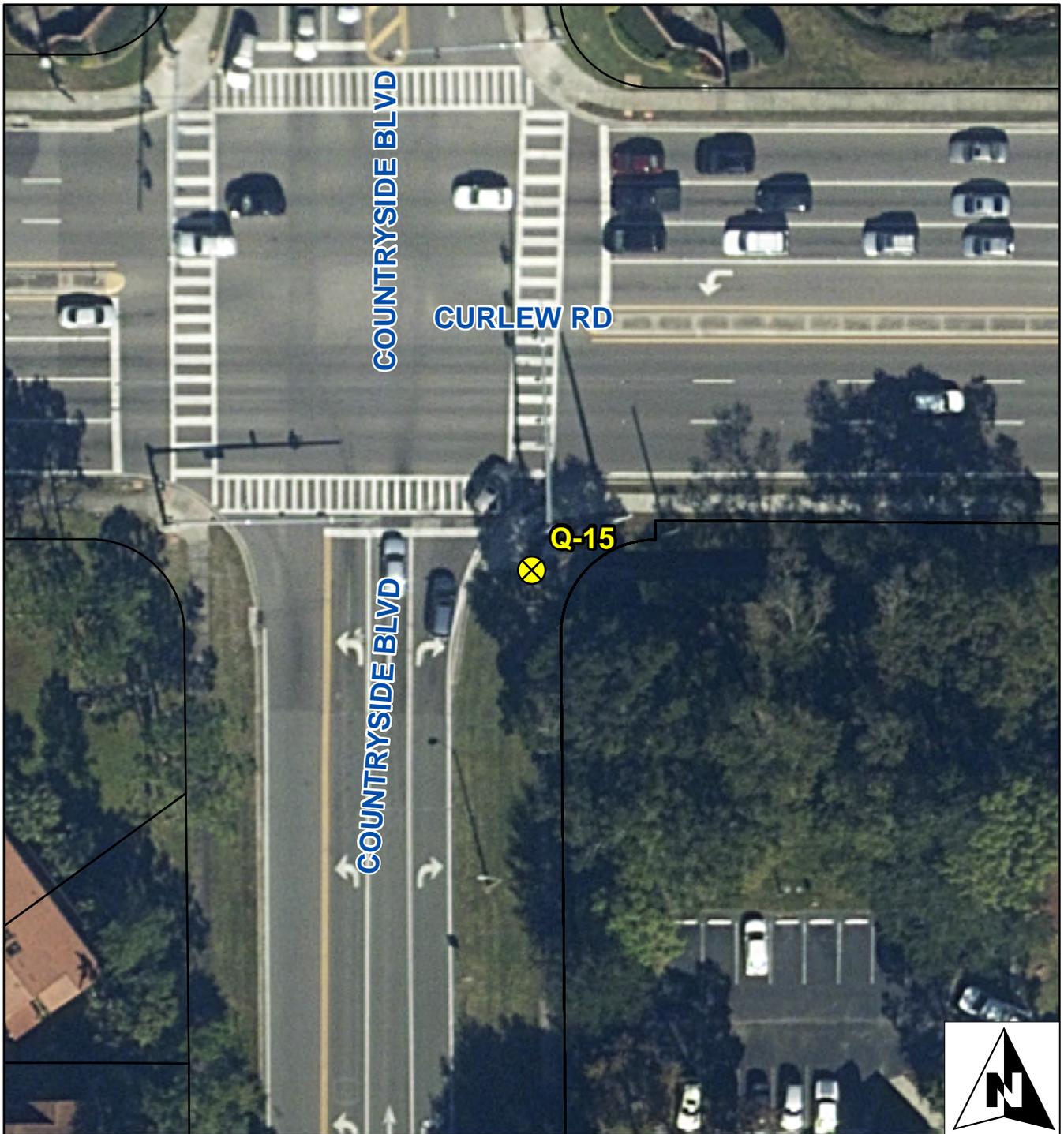
Northing: **1,351,168.4100**      Easting: **422,002.8000**      Elevation: **75.5924**

Location: **SE corner of Curlew Rd / Northridge Dr, on storm curb inlet.**

Fire Grid: **178A**      Installed/Revised: **10/13/2005**      Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: Q-15

0 20 40  
Feet  
1 inch = 40 feet

Northing: **1,351,129.2300**

Easting: **424,514.3500**

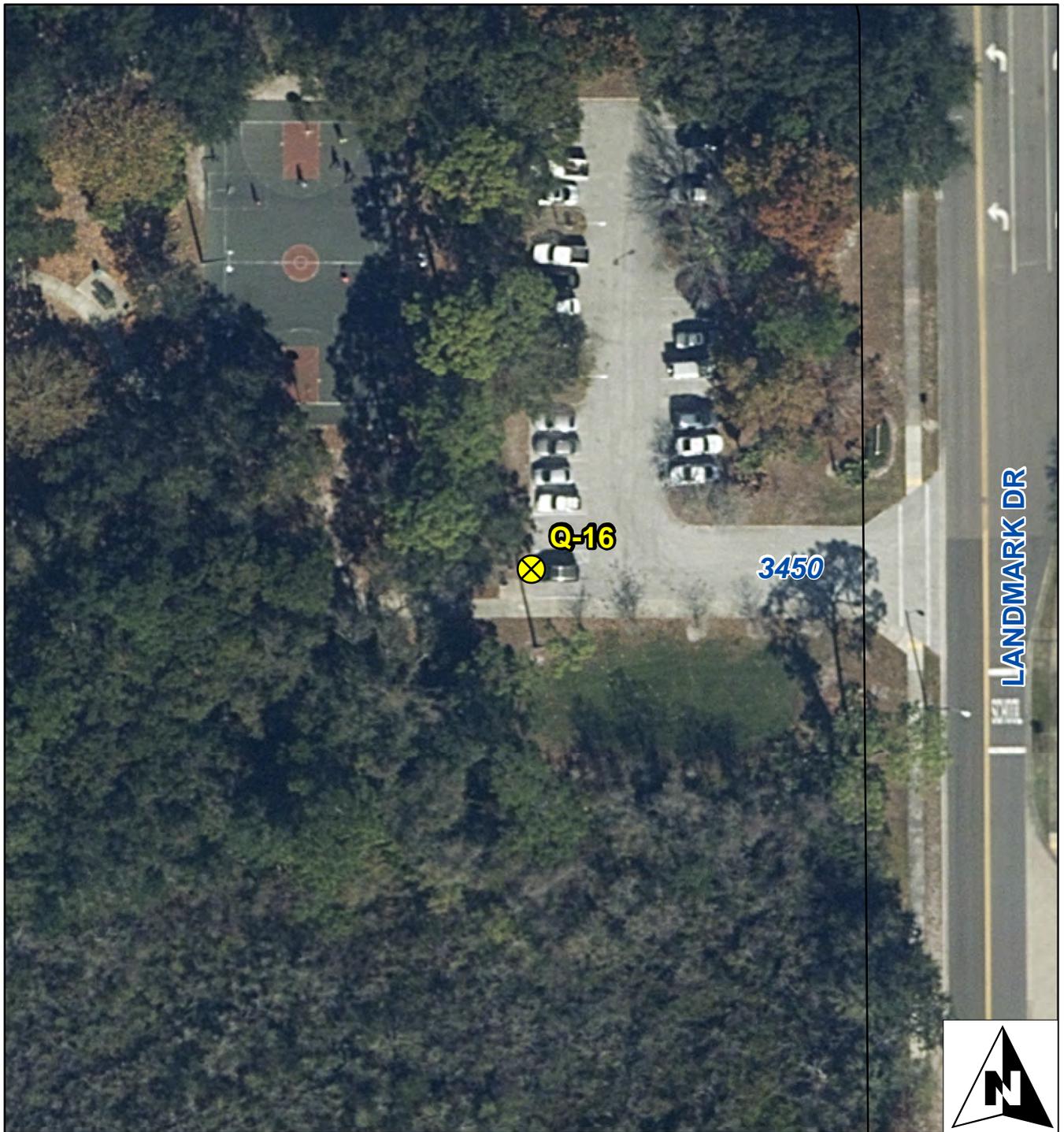
Elevation: **38.7757**

Location: **SE corner of Curlew Rd / Countryside Blvd, on sidewalk.**

Fire Grid: **178B** Installed/Revised: **10/13/2005** Removed/Destroyed:

Notes:

# CITY OF CLEARWATER BENCHMARKS



Document Path: V:\GIS\Engineering\Benchmarks\Data\Benchmark.mxd

City of Clearwater  
Prepared by:  
Engineering Department

## Benchmark: Q-16

0 25 50  
Feet  
1 inch = 50 feet

Northing: **1,350,928.1500**      Easting: **425,884.6600**      Elevation: **24.3058**

Location: **In curb at Forest Run Park P Lot at 3450 Landmark, on top of curb.**

Fire Grid: **178B**      Installed/Revised: **10/13/2005**      Removed/Destroyed:

Notes: