



# Council Report

776 N.E. 125 Street, North Miami, Florida 33161

To: The Honorable Mayor and City Council

From: Wisler Pierre-Louis, P.E., Public Works Director 

Date: September 27, 2016

RE: A RESOLUTION OF THE MAYOR AND CITY COUNCIL OF THE CITY OF NORTH MIAMI, FLORIDA, AUTHORIZING THE INSTALLATION AND MAINTENANCE OF SPEED HUMPS AT DESIGNATED SECTIONS OF KEYSTONE BOULEVARD AND NORTH BAYSHORE DRIVE, IN ACCORDANCE WITH THE INTERGOVERNMENTAL AGENCY AGREEMENT EXECUTED BETWEEN THE CITY OF NORTH MIAMI AND MIAMI-DADE COUNTY; PROVIDING FOR AN EFFECTIVE DATE AND FOR ALL OTHER PURPOSES.

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## **RECOMMENDATION**

Staff is requesting that the Mayor and City Council pass and adopt the proposed resolution supporting the installation of speed humps on Keystone Boulevard and North Bayshore Drive at the locations approved by Miami-Dade County Traffic Engineering.

## **BACKGROUND**

Residents of Keystone Point have complained about speeding in their neighborhood for several years. Following a ballot signed by neighbors and a request by the homeowners association, the City initiated traffic studies for Keystone Boulevard and Bayshore Drive.

Keystone Boulevard was found to have an 85<sup>th</sup> Percentile speed of 32 mph; Bayshore Drive, south of Keystone Boulevard, 30 mph. These roadways therefore met the primary criteria for the installation of traffic calming. Humps have been approved at the locations specified in Attachment 1.

The 85<sup>th</sup> Percentile speed is determined by collecting speed data on all vehicles traversing a roadway segment over a 24 hour period and finding the speed at which 85% of the vehicles drove at or below. Generally accepted traffic engineering measures use the 85<sup>th</sup> percentile as the primary way to determine if speeding is a concern. For example, on Keystone Blvd it was found that 85% of the cars went 32 mph or slower (or 15% of cars drove faster than 32 mph). County criteria for allowing humps requires that, among other things, the 85<sup>th</sup> Percentile speed on city owned, residential streets, must be 5 mph higher than the posted speed limit, which in this case is 25 mph.

However, the County has established a policy on speed humps that is more restrictive than for other devices, including a limit on the volume of cars and distance between intersections. They have made an exception for humps on Keystone Boulevard and N Bayshore Drive because they meet the speeding criteria and are located inside a gated community.

Pursuant to Section 2-95.1 of the Miami-Dade County Code of Ordinances, the County has exclusive jurisdiction over all traffic control devices, such as the subject speed humps. Per an interlocal agreement signed on July 30, 2014, the County has authorized the City to engineer, install, and maintain speed humps and traffic circles (see Exhibit "A" of the attached resolution) after County approval of the plans.

Per this agreement, certain conditions must still be met in order to proceed with installation of these humps:

- This Council resolution supporting the installation
- Removal of nonconforming devices in the Keystone Point neighborhood (Attachment 2)
- Design approval by North Miami Police Department, Miami-Dade Fire Department and other agencies

It is projected that the total cost for this project will be \$15,000 and is budgeted this fiscal year using Transportation Surtax funds for traffic calming.

#### **ATTACHMENTS**

Resolution

Map showing locations of humps

Map showing devices to be removed

**RESOLUTION NO. \_\_\_\_\_**

**A RESOLUTION OF THE MAYOR AND CITY COUNCIL OF THE CITY OF NORTH MIAMI, FLORIDA, AUTHORIZING THE INSTALLATION AND MAINTENANCE OF SPEED HUMPS AT DESIGNATED SECTIONS OF KEYSTONE BOULEVARD AND NORTH BAYSHORE DRIVE, IN ACCORDANCE WITH THE INTERGOVERNMENTAL AGENCY AGREEMENT EXECUTED BETWEEN THE CITY OF NORTH MIAMI AND MIAMI-DADE COUNTY; PROVIDING FOR AN EFFECTIVE DATE AND FOR ALL OTHER PURPOSES.**

**WHEREAS**, a number of City of North Miami (“City”) residents are increasingly concerned of vehicles speeding on Keystone Boulevard and North Bayshore Drive, and have indicated a desire to have traffic calming devices installed for the wellbeing of pedestrians and motorists alike; and

**WHEREAS**, in response to such concerns, City administration conducted a traffic study which demonstrated a consistent speeding problem on the subject streets, reaching an eighty-five percentile speed of 32 miles per hour where the maximum speed limit is 25 miles per hour; and

**WHEREAS**, pursuant to Section 2-95.1 of the Miami-Dade County (“County”) Code of Ordinances, the County’s Traffic and Transportation Department (“Traffic Department”) has exclusive jurisdiction over all traffic control devices and must approve the engineering, installation and maintenance of all traffic calming devices including speed humps on City streets; and

**WHEREAS**, on July 30, 2014, the City and County executed an Intergovernmental Agency Agreement (attached hereto as Exhibit “A”) whereby the Traffic Department authorized the City to engineer, install and maintain speed humps on City streets, pursuant to Section 2-96.1 of the County Code of Ordinances; and

**WHEREAS**, Keystone Boulevard and North Bayshore Drive are municipal streets operated and maintained by the City; and

**WHEREAS**, the Mayor and City Council hereby authorize the installation and maintenance of speed humps at designated sections of Keystone Boulevard and North Bayshore Drive as a crucial step in protecting the public health, safety and welfare, while concurrently safeguarding both public and private property.

**NOW THEREFORE, BE IT DULY RESOLVED BY THE MAYOR AND CITY COUNCIL OF THE CITY OF NORTH MIAMI, FLORIDA:**

**Section 1. Authority of City Manager and City Attorney.** The Mayor and City Council of the City of North Miami, Florida, hereby authorize the installation and maintenance of speed humps at designated sections of Keystone Boulevard and North Bayshore Drive, in accordance with the Intergovernmental Agency Agreement executed between the City of North Miami and Miami-Dade County (attached hereto as Exhibit "A").

**Section 3. Effective Date.** This Resolution shall become effective upon adoption.

**PASSED AND ADOPTED** by a \_\_\_\_\_ vote of the Mayor and City Council of the City of North Miami, Florida, this \_\_\_\_\_ day of \_\_\_\_\_, 2016.

\_\_\_\_\_  
DR. SMITH JOSEPH  
MAYOR

ATTEST:

\_\_\_\_\_  
MICHAEL A. ETIENNE, ESQ.  
CITY CLERK

APPROVED AS TO FORM  
AND LEGAL SUFFICIENCY:

\_\_\_\_\_  
JEFF P. H. CAZEAU, ESQ.  
CITY ATTORNEY

SPONSORED BY: CITY ADMINISTRATION

Moved by: \_\_\_\_\_

Seconded by: \_\_\_\_\_

**Vote:**

Mayor Smith Joseph, D.O., Pharm. D.	_____ (Yes)	_____ (No)
Vice Mayor Alix Desulme	_____ (Yes)	_____ (No)
Councilman Scott Galvin	_____ (Yes)	_____ (No)
Councilwoman Carol Keys, Esq.	_____ (Yes)	_____ (No)
Councilman Philippe Bien-Aime	_____ (Yes)	_____ (No)

OFFICIAL FILE COPY  
CLERK OF THE BOARD  
OF COUNTY COMMISSIONERS  
DADE COUNTY, FLORIDA

**INTERGOVERNMENTAL AGENCY AGREEMENT  
TO PERFORM TRAFFIC ENGINEERING FUNCTIONS**

THIS INTERGOVERNMENTAL AGENCY AGREEMENT TO PERFORM TRAFFIC ENGINEERING FUNCTIONS (AGREEMENT), made and entered into this 30<sup>th</sup> day of July, 2014, by and between the **CITY OF NORTH MIAMI, FLORIDA**, a municipal corporation of the STATE OF FLORIDA, hereinafter referred to as the **CITY** and **MIAMI-DADE COUNTY (COUNTY)**, a political subdivision of the STATE OF FLORIDA, MIAMI-DADE County.

**WITNESSETH**

WHEREAS, pursuant to Section 2-96.1 of the Miami-Dade County Code, all traffic control and traffic engineering services in Miami-Dade County are under the exclusive jurisdiction of the **COUNTY**; and

WHEREAS, the **CITY** desires to assume the installation and maintenance responsibilities of certain traffic engineering functions pertaining to its local municipal streets only; and

WHEREAS, the **COUNTY** has determined that the **CITY** is both equipped and able to perform the traffic engineering functions as herein specified on its local streets; and

WHEREAS the **CITY** has, by proper resolution attached hereto and by reference made a part hereof, authorized its officer(s) to enter into this **AGREEMENT**.

NOW THEREFORE, the **CITY** and the **COUNTY** agree as follows:

1. The recitals set forth above are incorporated herein by reference.
2. The **CITY** will only install and maintain the following designated types of traffic control devices and only on those local municipal streets operated and maintained by the **CITY** within its boundaries:

**Speed Humps**

**Traffic Circles**

Traffic calming devices may be installed on local municipal streets only after an appropriate traffic engineering study has been performed and sealed and signed plans have been submitted to the Public

Works and Waste Management Department of the **COUNTY** for its review and approval.

3. The **CITY** shall attach a decal to the back of the sign panels indicating ownership and date of installation.

4. The **CITY** assumes sole and complete responsibility for the maintenance of all such signs that are installed by the **CITY** within its boundaries.

5. The **CITY** assumes sole and complete liability for any accidents and/or injuries which may or are alleged to occur or arise out of the installation, operation or maintenance of said traffic control devices, and hereby indemnifies and saves harmless the **COUNTY** from any and all claims of negligence as a result of the installation, operation or maintenance of said signs.

6. All traffic control signs installed by the **CITY** in accordance with this **AGREEMENT** shall conform to the applicable requirements established by the following publications:

Florida Department of Transportation's Standard Specifications for Road and Bridge Construction.

Manual on Uniform Traffic Control Devices for Streets and Highways, U.S. Department of Transportation Federal Highway Administration (ANSI D6.1e-1989), including latest revisions.

Standard Highway Signs, U.S. Department of Transportation, Federal Highway Administration.

Miami-Dade County Public Works Manual (available from the Public Works and Waste Management Department, Reproduction Services, 111 NW 1 Street, Suite 1604, Miami, FL 33128)

7. For installation of traffic control devices, the **CITY** shall hire a **COUNTY** licensed contractor or perform the work in-house by the **CITY** Public Works crew.

8. Should the **CITY** install street name signs at the same site where a stop-top street name exists, then the **CITY** shall utilize the other corners of the intersection. Subsequently, the **CITY**, shall remove the **COUNTY'S** stop-top street name signs by an approved sign contractor. All signs and hardware removed shall be dismantled and returned to the Traffic Signals and Signs Division of the **COUNTY'S** Public Works and Waste Management

Department.

9. The CITY shall be responsible for keeping records of any and all installations and repairs, and furnishing pertinent documents as and when said records may be requested.

10. Failure to carry out any of the duties and responsibilities assumed herein by the CITY may result in termination of this AGREEMENT, at the sole discretion of the COUNTY.

IN WITNESS WHEREOF, the CITY and the COUNTY have set their hands the day and year above written.

Attest:

HARVEY RUVIN, CLERK

By: \_\_\_\_\_  
County Deputy Clerk



MIAMI-DADE COUNTY

By: \_\_\_\_\_  
Deputy Mayor

Approved as to form and legal sufficiency:

\_\_\_\_\_  
Assistant County Attorney

Attest:

By: \_\_\_\_\_  
City Clerk

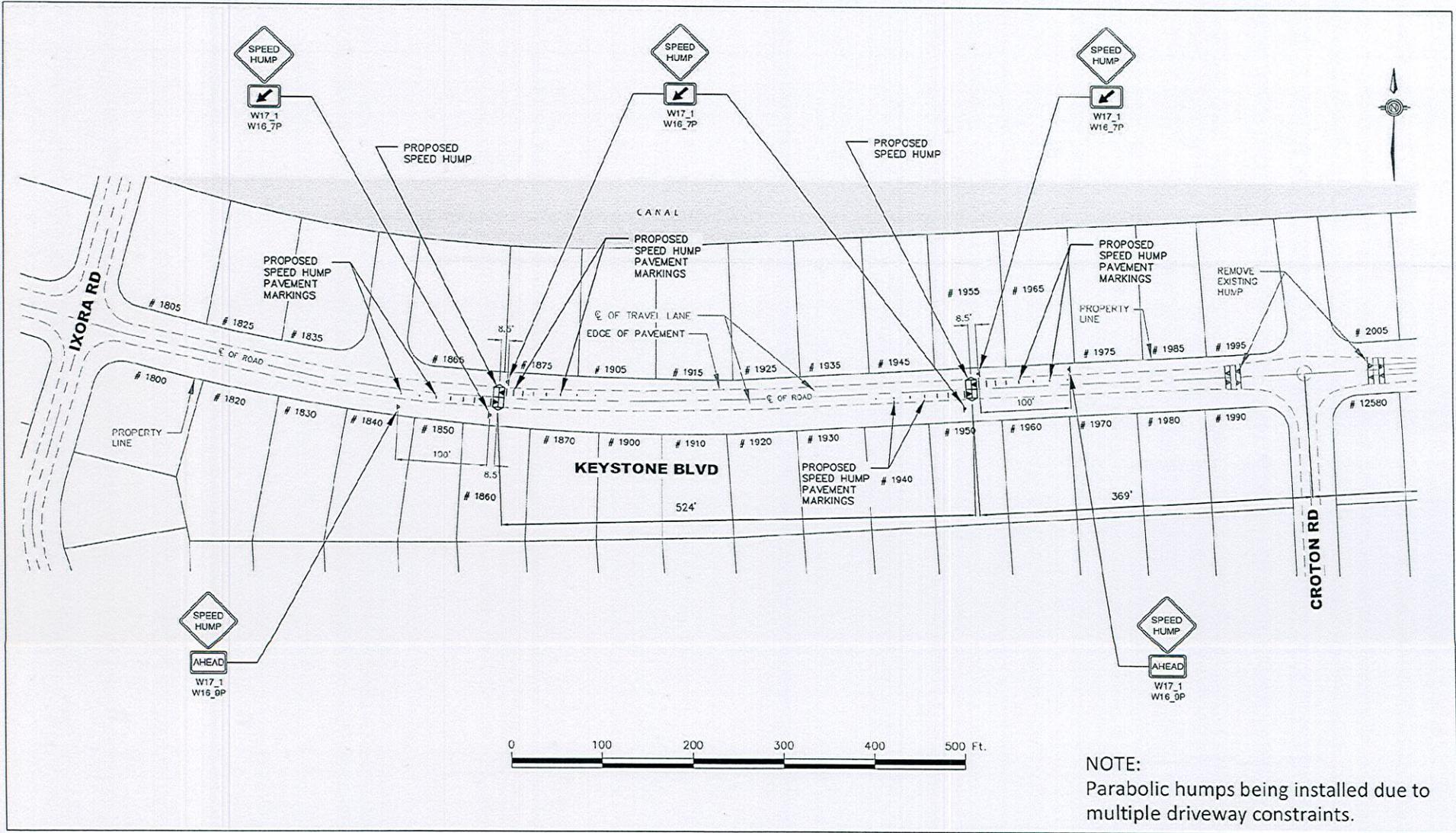
CITY OF NORTH MIAMI

By: \_\_\_\_\_  
City Manager

Approved as to form and legal sufficiency:

\_\_\_\_\_  
City Attorney





**NOTE:**  
Parabolic humps being installed due to multiple driveway constraints.

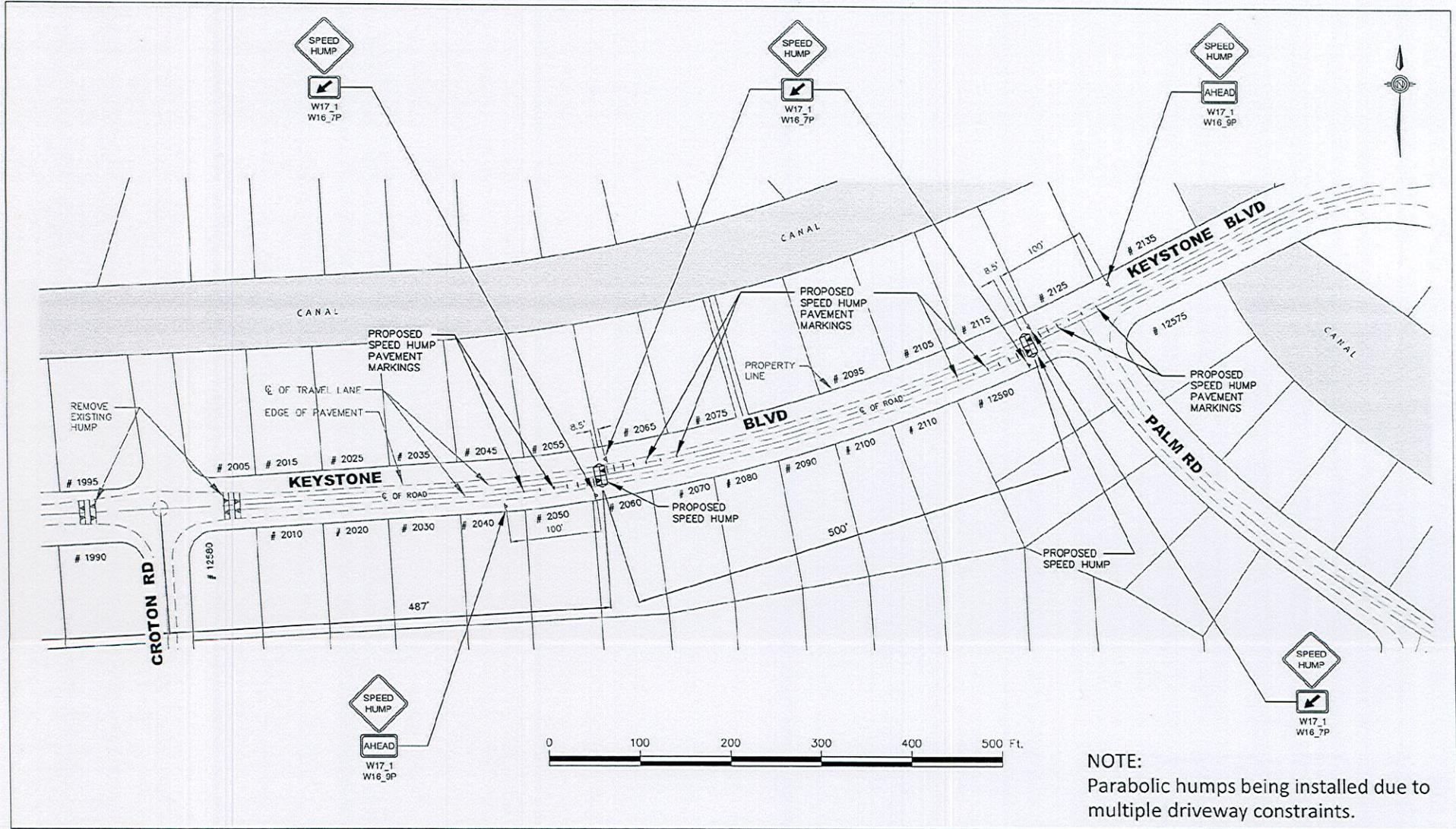
DESIGNED BY: HASAN RIZVI, P.E.  
 DRAWN BY: W. FARYNA, A.  
 DATE: AUGUST, 2016  
 DWG No.: 2 OF 4

SIGNED AND SEALED BY:  
 CHUKS OKEREKE, P.E. (#60204)

**INSTALLATION OF SPEED CUSHIONS  
 KEYSTONE BLVD  
 PLAN**



CITY OF NORTH MIAMI  
 PUBLIC WORKS DEPARTMENT  
 NORTH MIAMI, FLORIDA



NOTE:  
Parabolic humps being installed due to multiple driveway constraints.

DESIGNED BY: HASAN RIZVI, P.E.  
DRAWN BY: W. FARYNA-A.  
DATE: AUGUST, 2016  
DWG No.: 3 OF 4

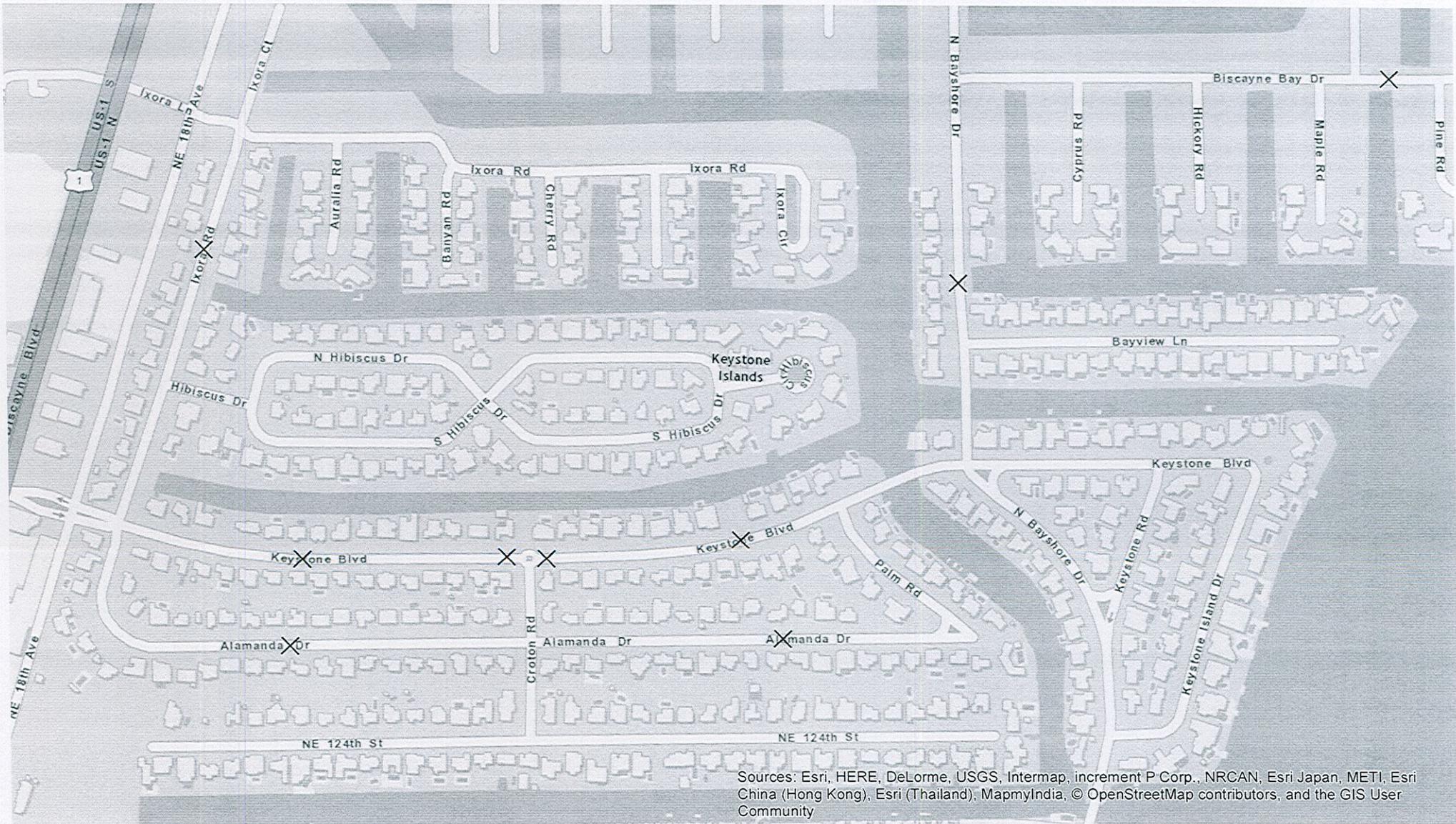
SIGNED AND SEALED BY:  
CHUKS OKEREKE, P.E. (#60204)

**INSTALLATION OF SPEED CUSHIONS  
KEYSTONE BLVD  
PLAN**



CITY OF NORTH MIAMI  
PUBLIC WORKS DEPARTMENT  
NORTH MIAMI, FLORIDA

# Keystone Point - Noncomplying Devices to be Removed



Sources: Esri, HERE, DeLorme, USGS, Intermap, increment P Corp., NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Created by: John O'Brien, Public Works  
Date: 8/12/2016

