

# BAL HARBOUR VILLAGE UTILITY REPLACEMENT PROJECT – PHASE I

Construction Kick-Off Meeting  
April 18, 2016

BAL  
HARBOUR  
- VILLAGE -

# WELCOME

## Monica Diaz & Anneleise Sanchez



**INFINITE SOURCE**  
COMMUNICATIONS GROUP

## Project Public Information Team Infinite Source

# DISCUSSION TOPICS

- Project Team
- Background/Project History
- Scope of Work
- Construction Approach
- Landscape Plan
- Public Information
- Q&A

WELCOME

**Jorge Gonzalez**

BAL HARBOUR

- VILLAGE -

Village Manager  
Bal Harbour Village

WELCOME

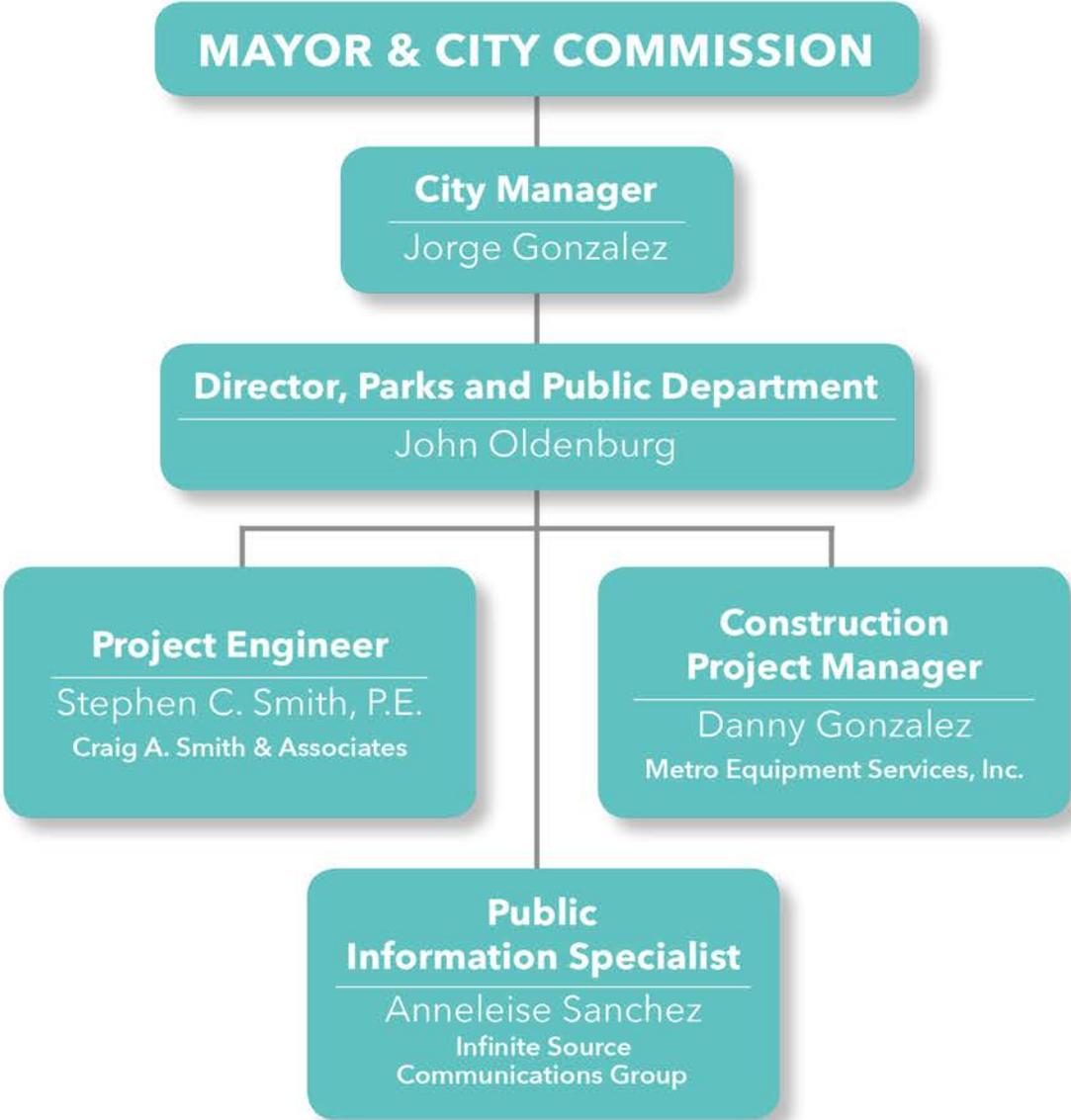
**John Oldenburg**

BAL HARBOUR

- VILLAGE -

DIRECTOR, PARKS AND  
PUBLIC SPACES DEPARTMENT  
Bal Harbour Village

# PROJECT TEAM



# WELCOME

## Stephen C. Smith, P.E.



Project Engineer  
Craig A. Smith & Associates

# PREVIOUS PROJECTS - CRAIG A. SMITH & ASSOCIATES

## Bal Harbour Village:

- Sanitary Sewer Force Main to Miami Beach
- Collins Avenue Water Meter Replacements
- Collins Avenue Water Main Improvements
- 96<sup>th</sup> Street Water Main Improvements
- Storm water Pump Station Improvements

# PREVIOUS PROJECTS - CRAIG A. SMITH & ASSOCIATES

## Others:

- Town of Golden Beach Capital Improvement Project
- City of Sunny Isles Beach - 174 Street Roadway & Storm Water Improvements
- Village of Biscayne Park - Storm Water Master Plan
- Town of Pembroke Park - Sanitary Sewer Master Plan & Related Improvement Projects

# CONTRACTOR ON THE PROJECT

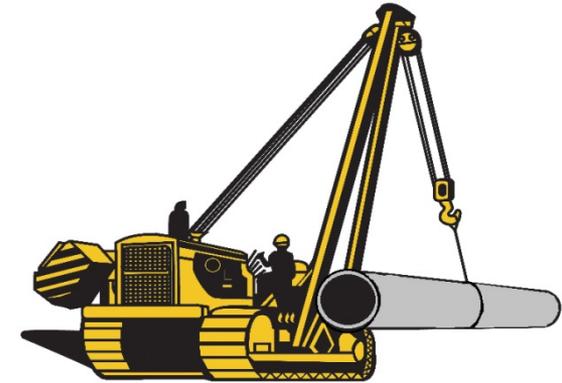
**Danny Gonzalez**

Project Manager

Metro Equipment Service,  
Inc.

# BACKGROUND - METRO EQUIPMENT SERVICES, INC.

- Established in 1987
- Pre-Qualified with Bal Harbour
- History with Bal Harbour
- MDWASD Emergency Response Contractor for Large Diameter Pipe
- Locally Head Quartered in Miami



# BACKGROUND - METRO EQUIPMENT SERVICES, INC.

- Typical Gravity Sewer Installation
- Residential Neighborhood
- Heavy Neighborhood Involvement



# BACKGROUND- SANITARY SEWER LINES

- In 1946 - Sanitary Sewer System within the RD was constructed
- Mid-1960s - Collins Avenue Sanitary System installed
- Existing Sanitary System does not meet standards
- To meet current regulations and future demands, system and pump stations require replacement

# EXISTING SEWER SYSTEM



# EXISTING SEWER PIPES

EXISTING

PROPOS  
ED

BAL HARBOR 268 PARK DR  
MH.60 → MH.61  
Vitrified Clay Pipe Circular 8

000.00FT/M

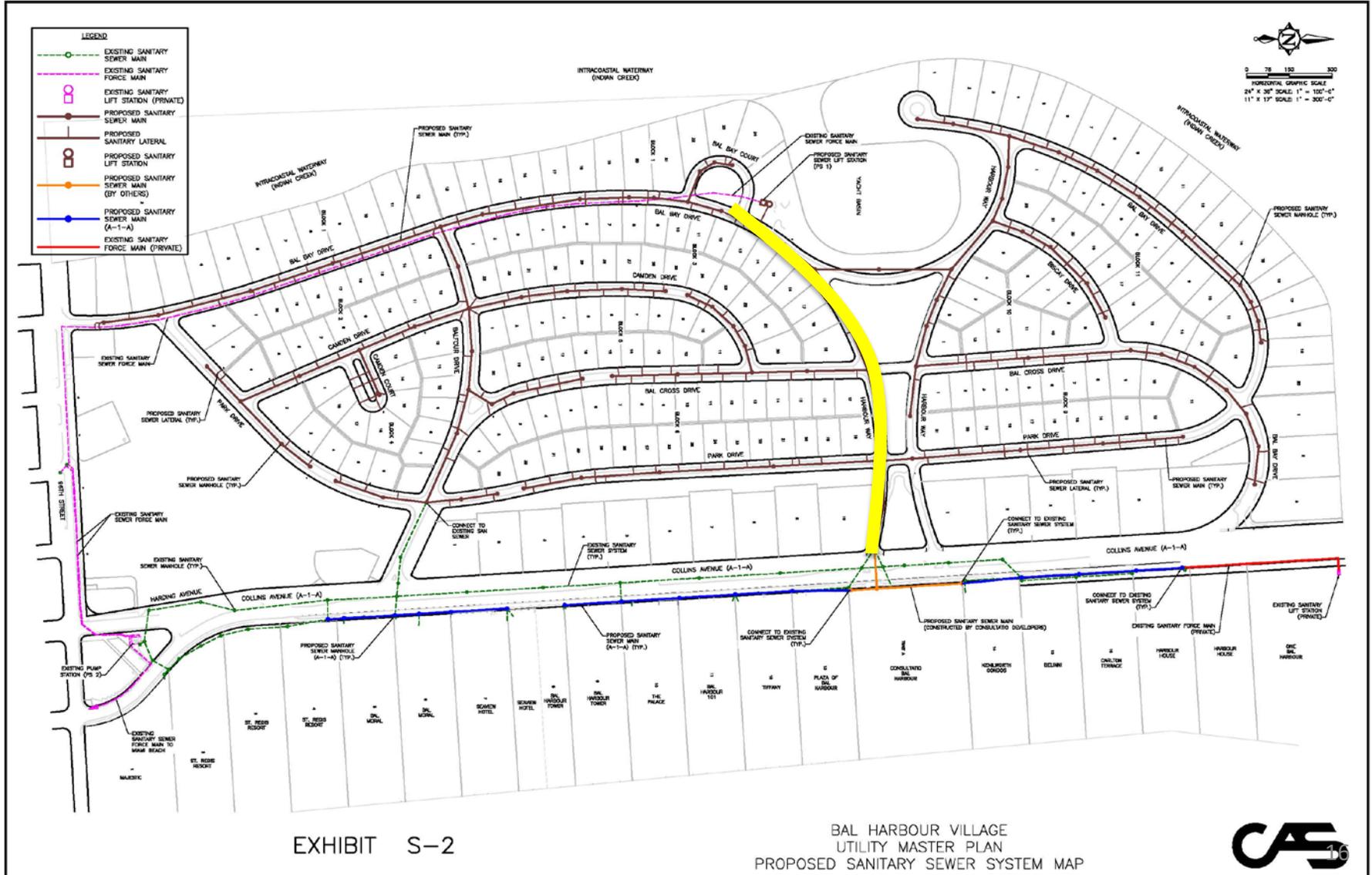
000.00 ft  
225.60 ft

BAL HARBOR 268 PARK DR  
MH.60 → MH.61  
Vitrified Clay Pipe Circular 8

000.00FT/M

000.00 ft  
061.90 ft

# PROPOSED SEWER SYSTEM



F:\Data\_Village\_Sewer\Bal\_Harbour\12-14-16-037\PLAN\HARBOR\12-14-16-037-PLAN\HARBOR\12-14-16-037-PLAN\CA-Engineering\Plan\02-4844-A\PROP-SEWER\00-146-54H-FB-51E.dwg, 4/28/2014 10:58 PM, mcruss, 12

# SCOPE OF WORK

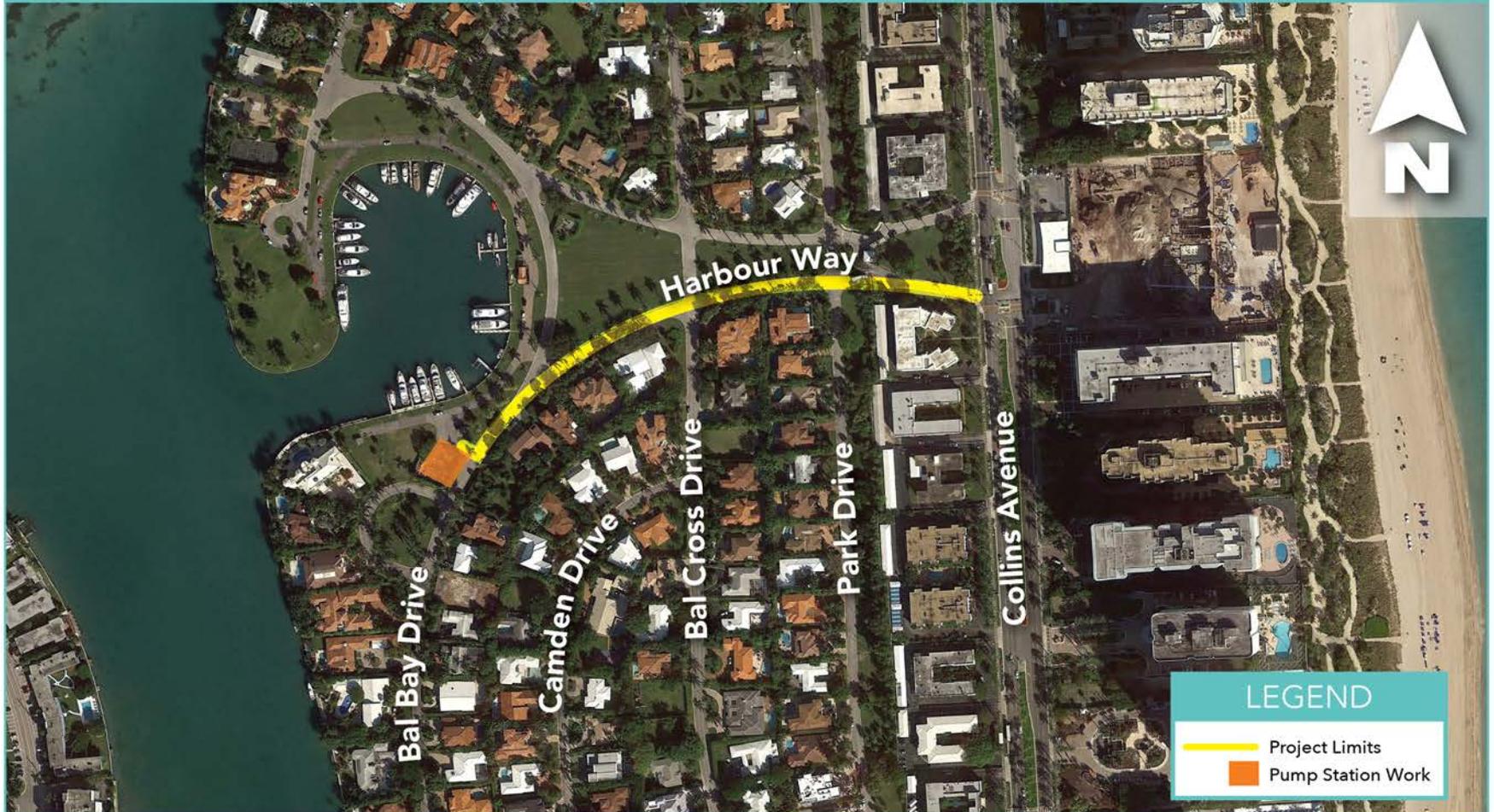
- Installation of approximately sixteen hundred (1,600) linear feet of eighteen (18) and twenty four (24)-inch diameter gravity sanitary sewer lines
- Twelve (12) sanitary manholes located along Harbour Way from Bal Bay Drive East to Collins Avenue
- Sanitary Lift Station (PS-3) to be installed adjacent to the existing lift station, PS-1 at the northwest corner of Bal Bay Court and Bal Bay Drive
- All asphalt, concrete and landscaping to be restored within the project limits to existing condition or better
- When (PS-3) is completed, existing sanitary sewer lift station (No. 1) will be decommissioned

# GUIDING PRINCIPLES

- Minimize impact on residents
- On-time and on-budget
- Safe work environment
- Sensitivity to environmental impacts

# PROJECT LIMITS

## PHASE 1 PROJECT LIMITS





# PROJECT SCHEDULE

Task	May 2016	June 2016	July 2016	August 2016	September 2016	October 2016	November 2016	December 2016
<b>Landscape Pre/Post Construction</b>								
<b>Pump Station Work</b>								
<b>Demolition of Existing Pump Station</b>								
<b>Installation of New Sewer Pipes</b>								

\*All schedules may vary.

# WHAT TO EXPECT

- Digging trenches in the roadway and swales in order to install pipes and structures
- Temporary road closures during construction.  
The area will be open for local traffic only
- Pedestrian walkways and access to driveways will be maintained at all times
- Intermittent impacts to driveway access.  
Driveway access will be restored daily

# WHAT TO EXPECT

- Access for emergency vehicles will be maintained at all times
- Heavy machinery and crews in and around the work zone
- Dust and noise. The contractor is required to reduce dust by frequent watering and sweeping of the roadway. Noise will occur during work hours only

# WHAT TO EXPECT

- Roadway signage will be placed to guide motorists safely throughout the work zone
- Material and equipment will primarily be stored in a designated staging area as per contract specifications
- Construction communication through the Public Information Specialist

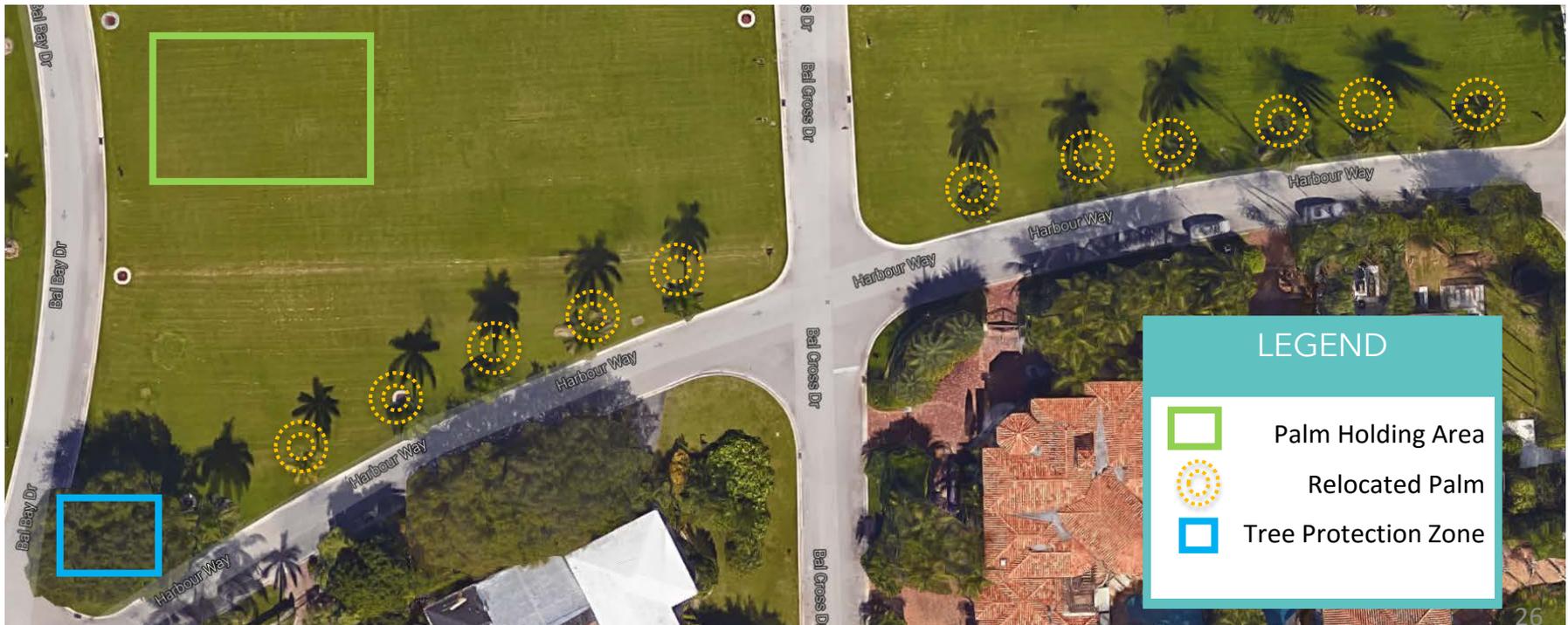
# LANDSCAPE PRE-CONSTRUCTION

- Parks and Public Spaces to manage
- Village landscape contractor, The Brickman Group to perform:
  - Relocation and maintenance of Royal Palms in conflict with Project
  - Irrigation line capping
  - Construction & maintenance of Tree and Palm Protection Zones

# TREE PRESERVATION

## Village to Manage

- All Royal Palms relocated and staged onsite during Project Construction
- Protection zones for all Palms



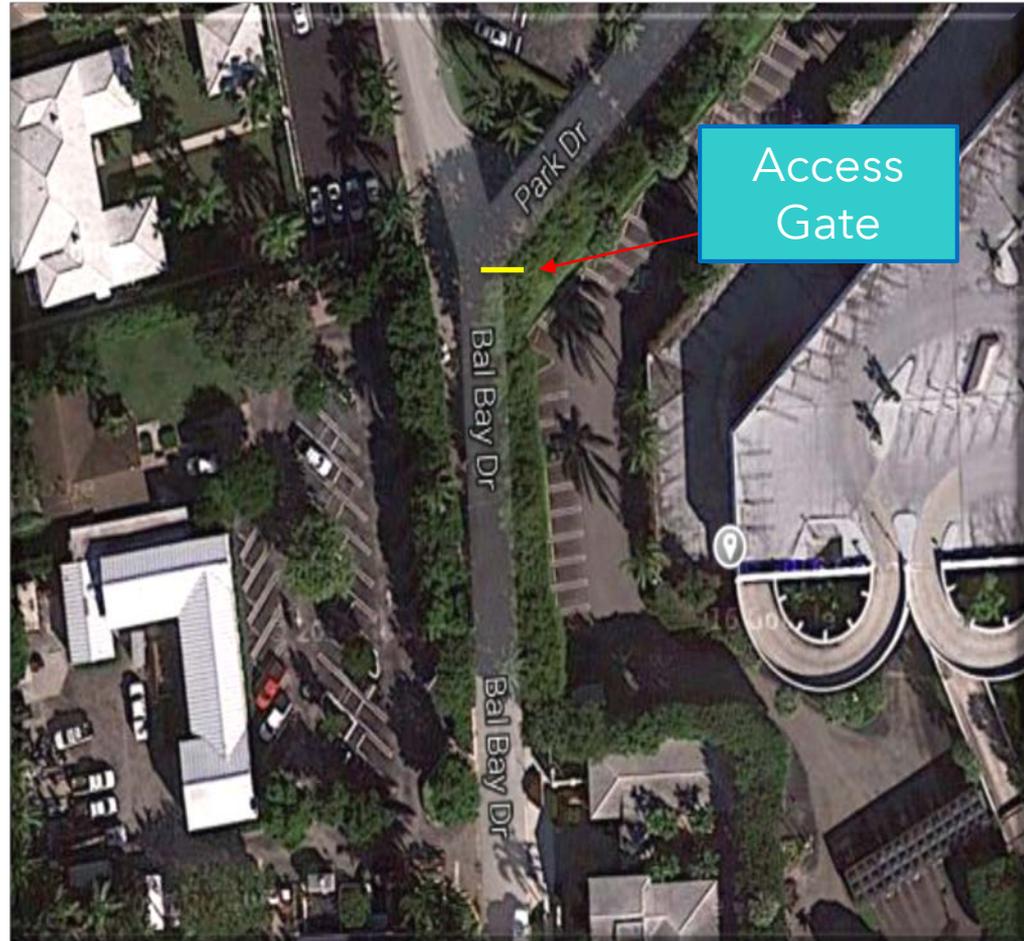
# LANDSCAPE POST CONSTRUCTION

- Parks and Public Spaces to manage restoration
- Village landscape contractor, The Brickman Group to perform:
  - Replanting of Royal Palms
  - Irrigation restoration
  - Final planting grade restoration
  - Sod replacement

# PROJECT MOT - MAP

## Maintenance of Traffic (MOT) Phase I (May - Nov) Bal Bay Dr. Gate

- No change-access to the community for residents only

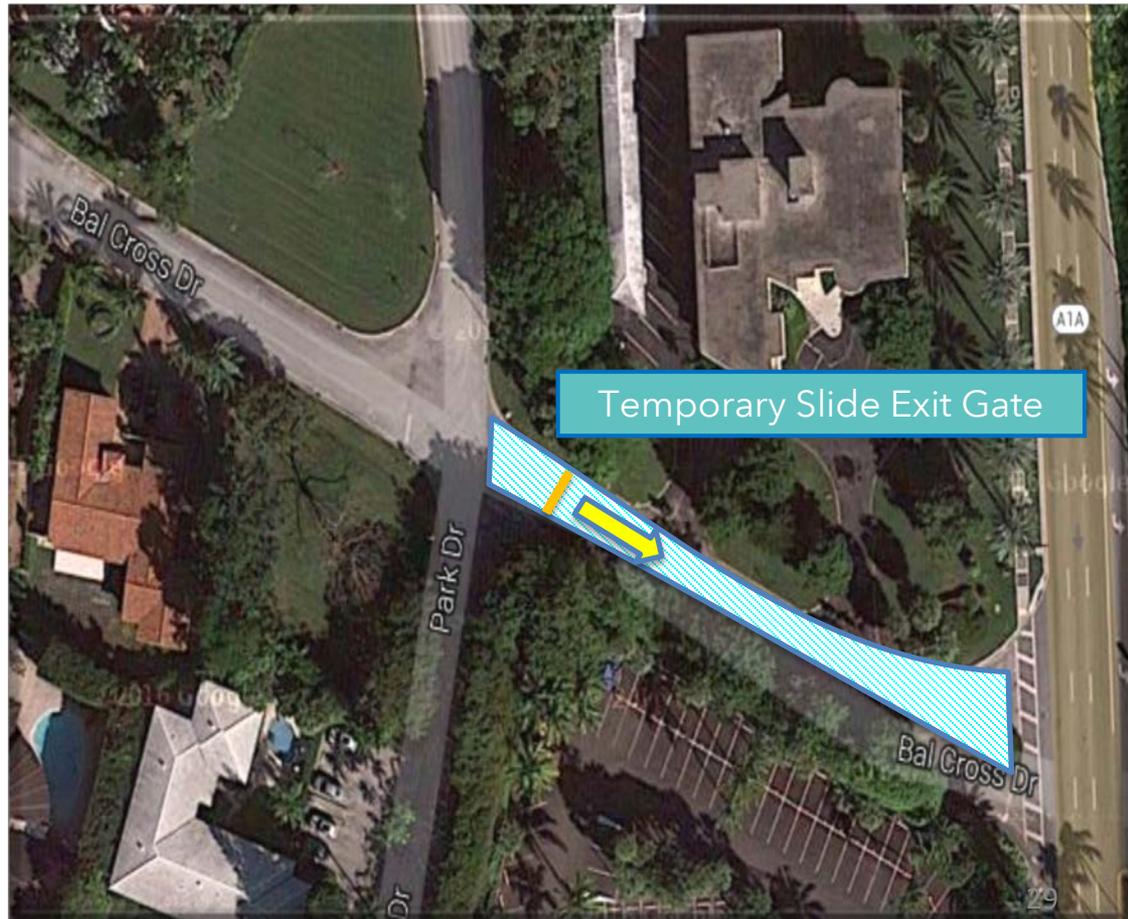


# PROJECT MOT - MAP

## Maintenance of Traffic (MOT) Phase II (Sept - Nov)

### Bal Cross Dr. Gate

- Remove fence blocking Bal Cross Drive
- Install slide gate with loop sensor for exit only
- Used during only active Construction Hours
- Maintain pedestrian gate

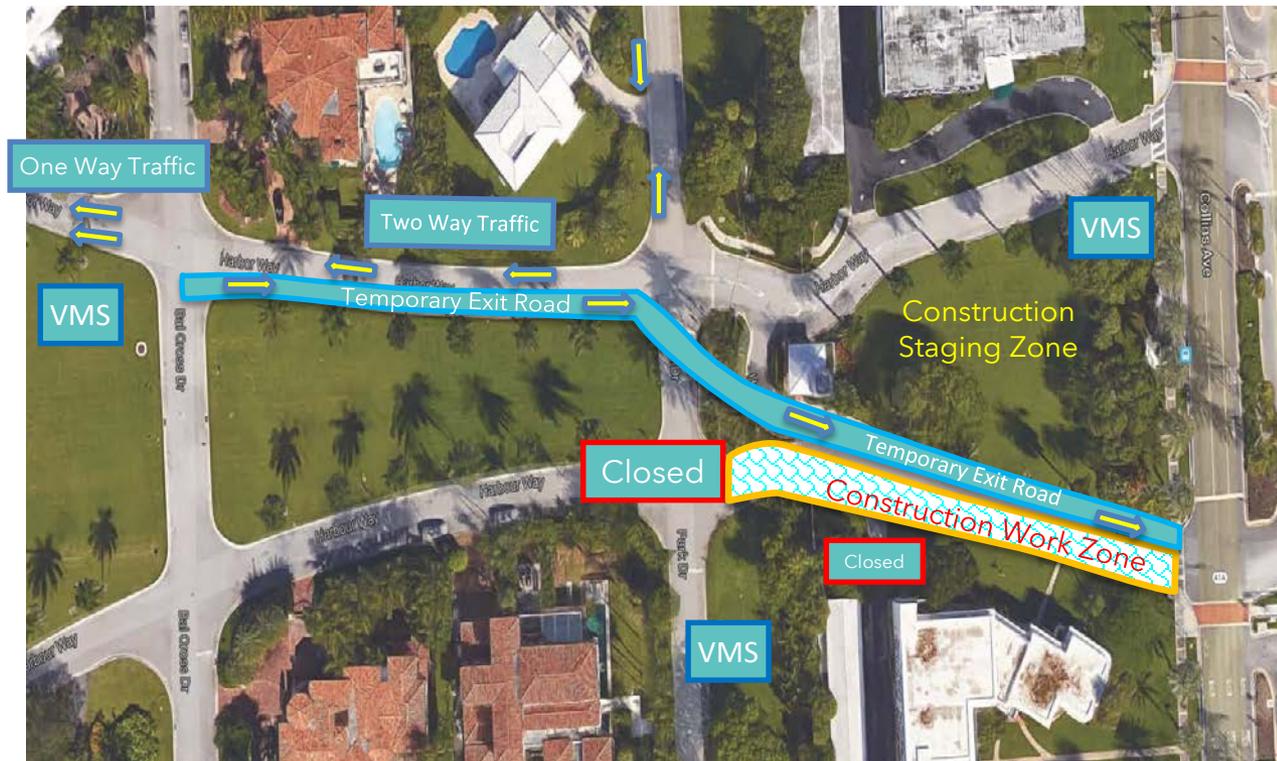


# PROJECT MOT - MAP

## Maintenance of Traffic (MOT) Phase II (Sept - Nov)

### Temporary Harbour Way Exit Gate

- Eight (8) week period Sept-Nov 2016
- Gravel road created North of the construction activity to provide alternative exit for Residents and rejected vehicles only
- Intersection at Harbour Way and Park Drive closed
- Add VMS boards to guide drivers



# PROJECT MOT - MAP

## Construction Work Zones Phase I (May - Nov)

### Harbour Way Work Zone



# PROJECT MOT - MAP

## Construction Work Zones Phase I (May - Nov)

### Pump Station Work Zone

- Access maintained for affected residents
- Daily coordination of access to driveways
- Nightly restoration



# PUBLIC INFORMATION OUTREACH

- Liaison between residents, contractor and BHV
- On call 24-7
- Meeting coordination as needed
- Group presentations as needed
- Weekly project updates
- Construction advisories
- Property and Stakeholder database tracking

# PUBLIC INFORMATION OUTREACH

## Database Development

- Contact list that includes emails, phone numbers and addresses

## Communication

- Printed material - mail, flyers and door hangers
- Email, telephone
- Website - [www.balharbourfl.gov](http://www.balharbourfl.gov)

# CONTACT US

## Anneleise Sanchez

Public Information Specialist  
Infinite Source Communications

**Cell Phone:** 786.354.8456

**Email:** [anneleise@iscprgroup.com](mailto:anneleise@iscprgroup.com)



**INFINITE SOURCE**  
COMMUNICATIONS GROUP

# PUBLIC INFORMATION - COMMENTS

- Fill out a speaker card to be called upon
- Limit responses/questions to two (2) minutes
- Fill out a comment/question card to discuss a specific situation in detail with the project team; we will contact you

# CONTACT US

## Anneleise Sanchez

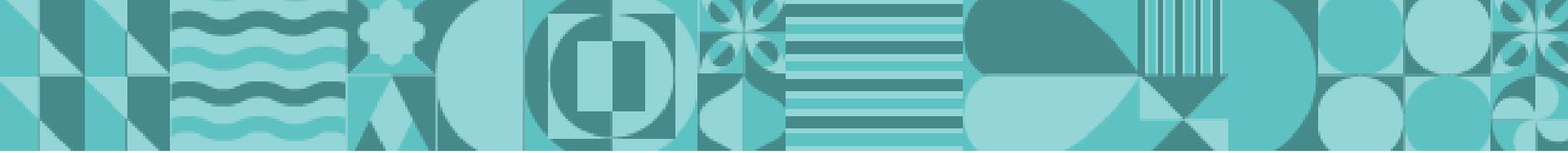
Public Information Specialist  
Infinite Source Communications

**Cell Phone:** 786.354.8456

**Email:** [anneleise@iscprgroup.com](mailto:anneleise@iscprgroup.com)



**INFINITE SOURCE**  
COMMUNICATIONS GROUP



# THANK YOU!

Construction Kick-Off Meeting  
April 18, 2016

BAL  
HARBOUR  
- VILLAGE -