# NW Neighborhood Improvements

Public Outreach Meeting - April & May 2022

Jefferson Manors, Poinciana Heights, Carver Memorial, Gateway, Westside Heights, Paradise Heights, West Settlers & NW Community Improvement Association







# Tonight's Agenda





- Introductions
- Project Background
- Specific Project Elements
- ROW Deeds for Improvements
- Project Schedule
- How to Stay Involved





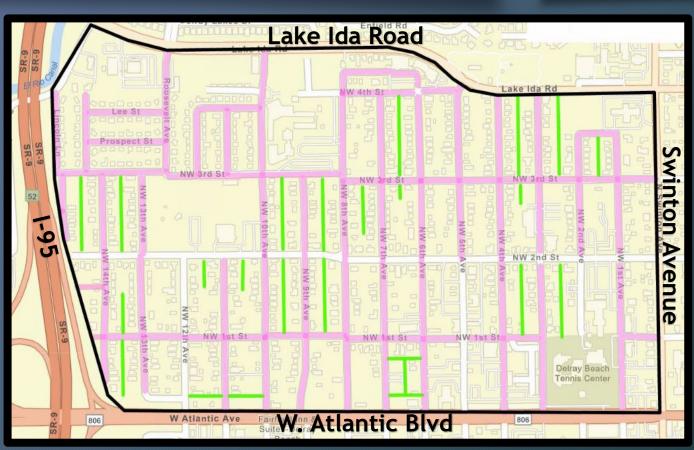
## Project Background





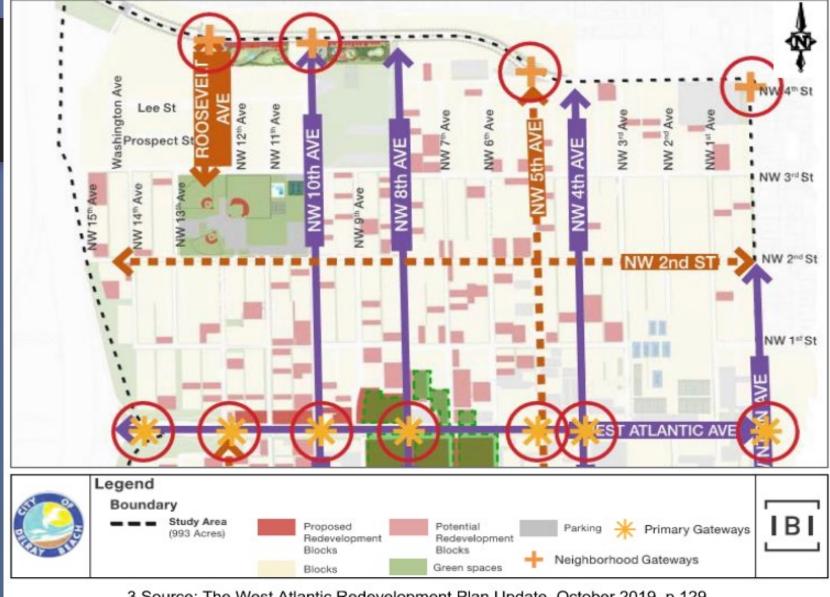
- Funded by the Community Redevelopment Agency (CRA)
- West Atlantic Master Plan 2020 has been adopted by the City and is the basis for this project
- Proposed upgrades:
  - Roadway Reconstruction
  - Traffic Calming
  - Pedestrian Systems
  - Stormwater Improvements
  - Water, Sewer, & Reclaimed Water Improvements
  - Decorative Street Lighting
  - Landscaping & Irrigation

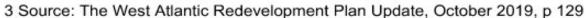






# Neighborhood Travel Corridors / Gateway Entry **Points**







#### Roadway Improvements Legend Project Area Eldorado Ln Total Roadway Reconstruction Mill & Overlay Sunshine Dr Full Depth Reclamation New Roadway Construction Enfield Rd 1,200 US Feet 300 600 LINE 50' R/W W 4th St Lee St ≷ Prospect St **VARIES** VARIES 11' or 12' 11' or 12' (7' MIN.) (7' MIN.) SOD SWALE SOD SWALE NW 3rd St 0.00 -0.24-0.57° 0.00 -0.10'2.00% 2.00% WEARING SURFACE 6"MIN. 6"MIN. BASE-└5' CONCRETE 6" STABILIZED SHOULDER 5' CONCRETE SIDEWALK, 4" THK. (6" THICK AT DRIVEWAY SIDEWALK, 4" THK. (6" THICK (50 P.S.I. F.B.V.) -AT DRIVEWAY NW 1st St & INTERSECTIONS) & INTERSECTIONS)-Delray Beach REDEVELOPMEN Tennis Center 806 W Atlantic Ave Suites-Delray Beach

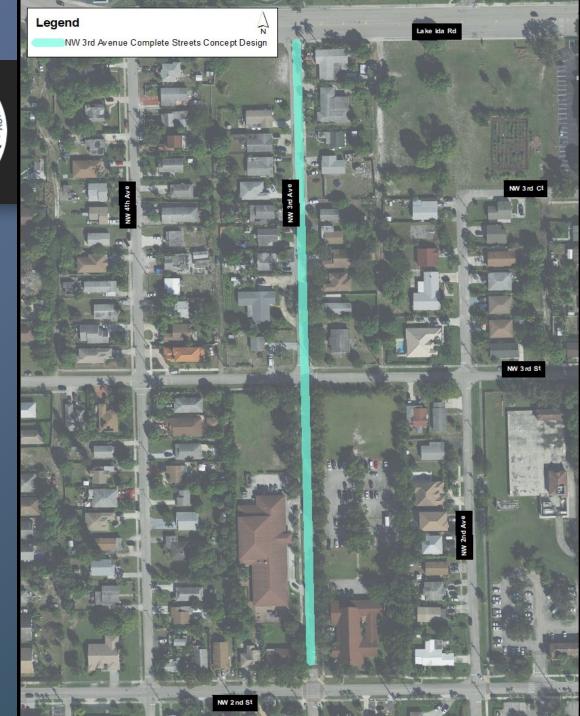




#### NW 3<sup>rd</sup> Avenue (Martin Luther King to Lake Ida)

- NW 3rd Ave (Martin Luther King Jr. Dr to NW 3rd St) sidewalk, upgraded school signage, school zone posted speed reduction, pavement markings, lane bulb-out with landscaping, and landscaping to visually narrow the perception of the roadway width.
- Intersection of NW 3rd Avenue and NW 3rd Street emphasized crosswalk striping, school signage, and sidewalk improvements at this location where the school bus stops and children congregate.
- NW 3rd Avenue (NW 3rd Street to Lake Ida Road) ADA compliant sidewalk and pavement markings at the Lake Ida Road intersection.





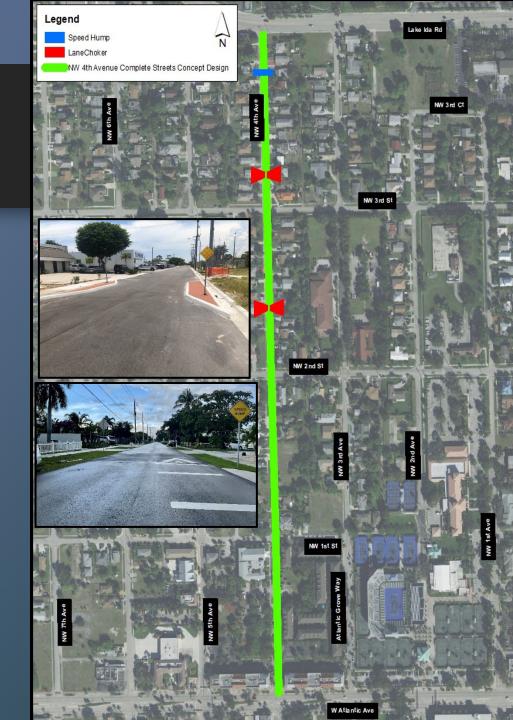




#### NW 4<sup>th</sup> Avenue (Lake Ida to Atlantic)

- NW 4th Avenue (Atlantic Avenue to north of NW 1st Street) installation of school signage and special emphasis crosswalk striping at various locations.
- NW 4th Avenue (NW 1st Street to NW 2nd Street) on-street parallel parking on both sides of the street, sidewalk improvements and landscaping.
- Intersection NW 4th Avenue and Martin Luther King Jr. Drive new pavement markings and sidewalk improvements along NW 4th Avenue at the intersection.
- NW 4th Avenue (Martin Luther King Jr. Drive to NW 3rd Street) on-street parallel parking with landscaping is proposed on both sides of the street. Bulbout traffic calming feature is proposed along this roadway segment.
- Intersection NW 4th Avenue and NE 3rd Street upgrades to the sidewalk connections at all four quadrants, new special emphasis crosswalk striping
- NW 4th Avenue (NW 3rd Street to Lake Ida Road) installation of speed humps, landscaping in conjunction with on-street parallel parking, a bulb-out traffic calming feature to be located just north of NW 3rd Street, and sidewalk improvements.









#### NW 8<sup>th</sup> Avenue (Atlantic to NW 4<sup>th</sup> St)

- NW 8th Avenue (Atlantic Avenue to NW 1st Street) Decorative pavement treatment is proposed extending from Atlantic Avenue to approximately 150 feet north, as a form of neighborhood gateway entrance improvement. On-street parking on the west side of NW 8th Avenue with landscaping. Roadway narrowing to 10-foot lanes utilizing edge striping as a traffic calming measure.
- NW 8th Avenue and NW 1st Street intersection Due to the high number of crashes at this location, and the offset intersection alignment, a traffic calming peanut a variation of a traffic circle is proposed instead of the existing stop signs.
- NW 8th Avenue (NW 1st Street to NW 2nd Street, and from NW 2nd Street to NW 3rd Street) On-street parking, landscaping, and lane narrowing utilizing edge striping.
- NW 8th Avenue and NW 3rd Street intersection Raised intersection with decorative pavement for improved pedestrian safety in the vicinity of S.D. Spady Elementary School. Upgrades to school signage and pavement markings. Reduced speed limit school zone flashing signs will be installed at all intersection approaches to reduce the speed to 20 mph. Edge striping will be installed to reduce the drive lanes to 10-feet.
- NW 8th Avenue (NW 3rd Street to NW 4th Street) On-street parking, landscaping, edge striping to narrow the lanes and enhanced pedestrian crosswalk markings at the school exit. A speed hump is proposed to be located just south of NW 4th Street.
- NW 8th Avenue and NW 4th Street intersection Enhanced crosswalks are proposed on the east and north legs of the intersection.



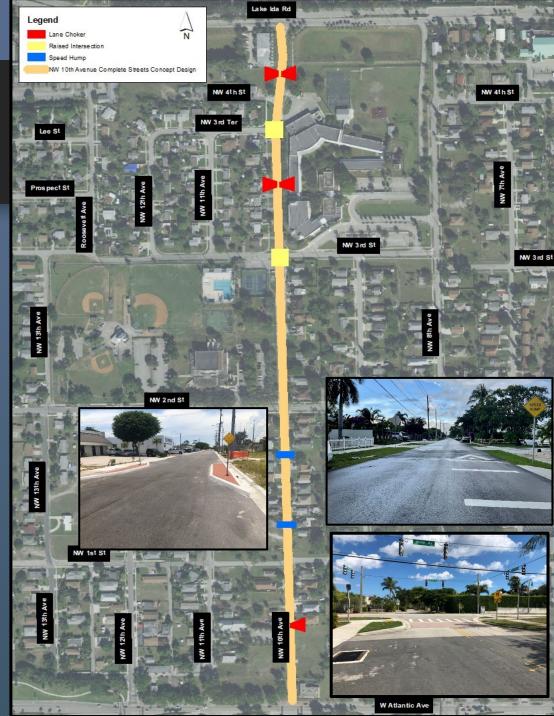






#### NW 10<sup>th</sup> Avenue (Lake Ida to Atlantic)

- NW 10th Avenue (Atlantic Avenue to NW 1st Street) Decorative pavement for the first 150 feet provide enhancements to this gateway entrance. Landscaping on both sides of the roadway with land narrowing utilizing striping for traffic calming. At a location along the west side of the right-of-way a bulb-out traffic calming feature
- NW 10th Avenue and NW 1st Street intersection New crosswalks at the east and west legs of the intersection.
- NW 10th Avenue (NW 1st Street to NW 2nd Street) Upgrade two existing speed humps. Continuation of the landscaping on both sides of the roadway and narrowing of the lanes to 10-feet wide with edge striping.
- NW 10th Avenue and NW 3rd Street intersection update the pavement marking and pedestrian signage.
- NW 10th Avenue (Martin Luther King Jr. Drive to NW 3rd Street) Narrow lanes to 10-feet utilizing edge striping. Provide landscaping.
- NW 10th Avenue and NW 3rd Street intersection Provide an elevated intersection with decorative pavement to reduce speeds and provide additional pedestrian safety in the area of S.D. Spady Elementary School. Provide upgraded school zone crossing signs. Provide flashing school zone speed limit signs. Install new stop bars and new double yellow centerline striping on the eastbound and westbound approaches. Provide a new median along NW 3rd Street, west of the intersection. Include curb cuts at the parking lot for Pompey Park. Provide on-street angled parking in conjunction with the Pompey Park improvements.
- NW 10th Avenue (NW 3rd Street to Lake Ida Road) Narrow the lanes utilizing edge striping and install landscaping. Install two traffic calming bulb-out. Install decorative pavement to enhance this neighborhood gateway entrance 150 feet south of Lake Ida Road.
- NW 10th Avenue at NW 3rd Terrace Raised intersection with decorative pavement to enhance pedestrian safety at this location near the S.D. Spady school.
- NW 10th Avenue at NW 4th Street provide striped crosswalk.



## Traffic Calming - Spot Improvements





#### Roosevelt Avenue Spot Improvements:

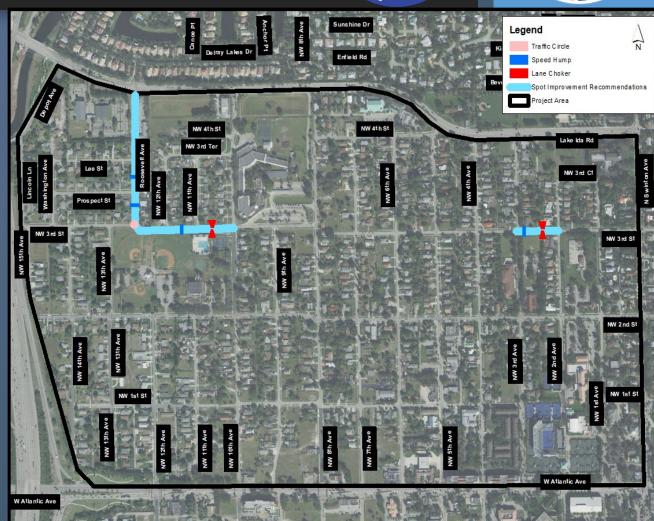
- Installation of two (2) speed humps south of Lee Street and a chicane configuration of the roadway between Lee Street and Lake Ida Road to reduce speeds. Decorative pavement at the 150 feet of roadway south of Lake Ida Road.
- Installation of a traffic circle at the Roosevelt Avenue intersection with NW 3rd Street for additional speed reduction.

#### NW 3<sup>rd</sup> Street (NW 13<sup>th</sup> Ave to NW 10<sup>th</sup> Ave) Spot Improvements:

 At the NW 3rd Avenue intersection, maintain the existing speed hump. Install emphasis crosswalks and double yellow centerline striping. Roadway segment traffic calming: installation of a bulbout landscaped feature, with narrowing of the lanes to 10-foot width.

#### NW 3<sup>rd</sup> Street (NW 3<sup>rd</sup> Ave to NW 2<sup>nd</sup> Ave) Spot Improvements:

• At the NW 3rd Avenue intersection, maintain the existing speed hump. Install emphasis crosswalks and double yellow centerline striping. Roadway segment traffic calming: installation of a bulbout landscaped feature, with narrowing of the lanes to 10-foot width.

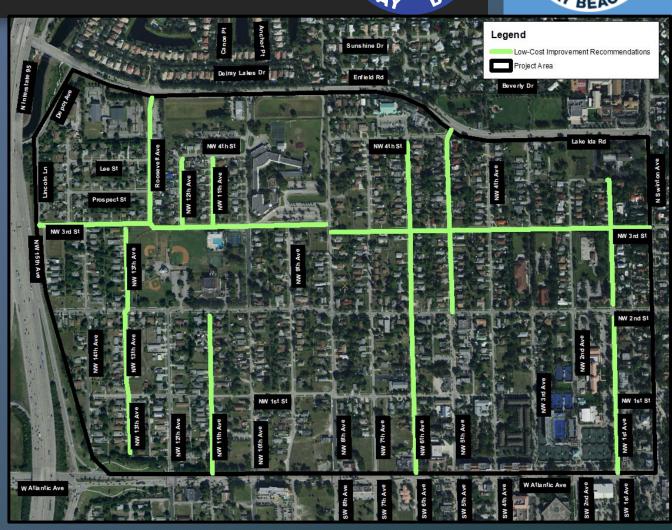


# Traffic Calming - Low-Cost Improvements



Examples include regulatory control, lane narrowing, bulb-outs, and the evaluation of on-street parking are considered for the following locations:

- NW 1st Avenue
- NW 5th Avenue
- NW 6th Avenue
- NW 11th Avenue
- NW 12th Avenue
- NW 13th Avenue
- Roosevelt Avenue
- NW 3rd Street

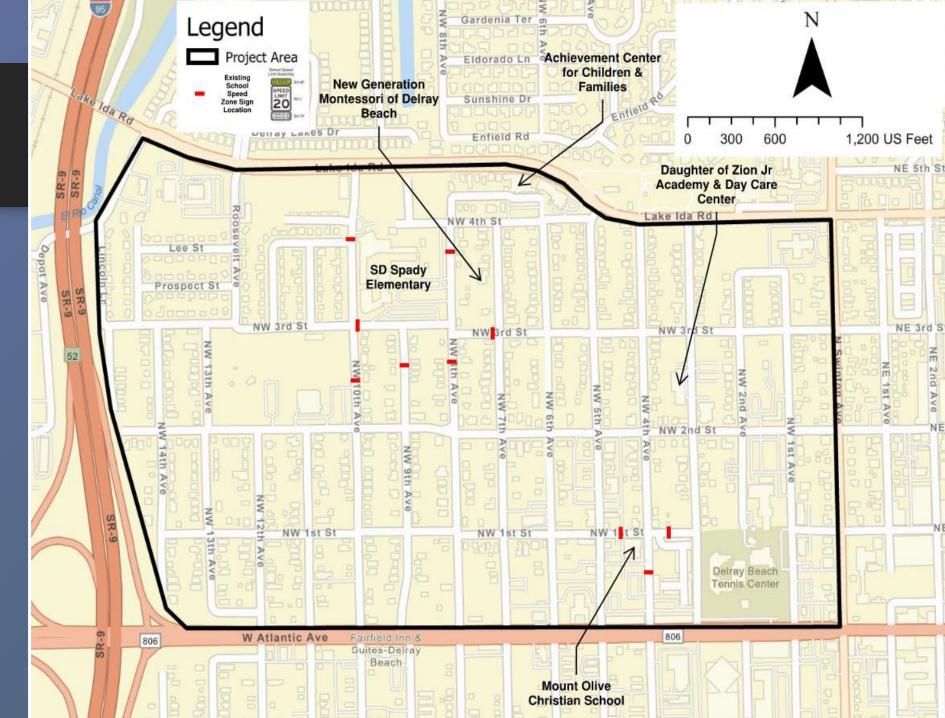




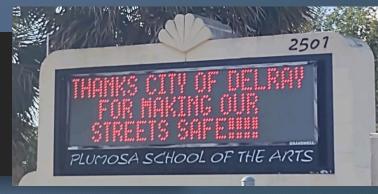
# Mobility

# Schools & Day Care





# Mobility - Sidewalks & Driveways



- Replace all existing sidewalk and driveway aprons per the City's Standard Details
- Sidewalk and crosswalks will be compliant with the Americans with Disabilities Act (ADA) and FDOT pedestrian facility standards.
- ADA-compliant domed mats and ramps provided at all street intersections
- All sidewalks will be relocated and installed within the City's ROW.



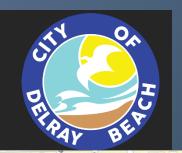


# Mobility Buses & Public Transit Palm Tran School Bus

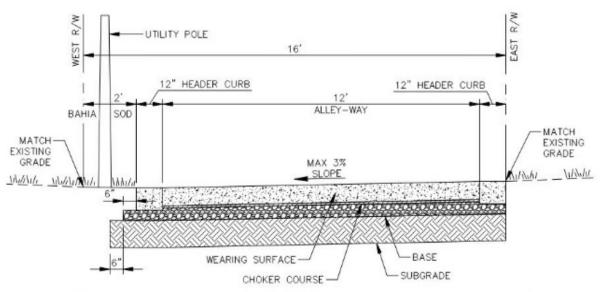




# Mobility - Alleyway Improvements







PAVEMENT SPECIFICATIONS	
WEARING SURFACE	8" PERVIOUS CONCRETE (CONSTRUCTED PER ACI 522.1-B)
CHOKER COURSE	1" AASHTO NO. 57 STONE
BASE	6" UNIFORMLY GRADED FOOT NO. 4 WASHED STONE
SUBGRADE	12" INSITU OR SUITABLE LEVEL SOIL COMPACTED TO MIN. 95% MAX DRY DENSITY IN ACCORDANCE WITH MODIFIED PROCTOR ASTM D1557





# Mobility - Alleyway Improvements









# Unifying Street Name Signage







NW NEIGHBORHOOD

NW NEIGHBORHOOD

NW 3RD ST



#### Unify by Using Consistent:

- Sign Color Green or Blue
- Imagery
- Neighborhood Branding
  - NW Neighborhood
  - Spady Neighborhood
  - Pompey District
  - West Atlantic
  - Other?













#### **OPTION:**

Keep existing design but replace with new composite material OR

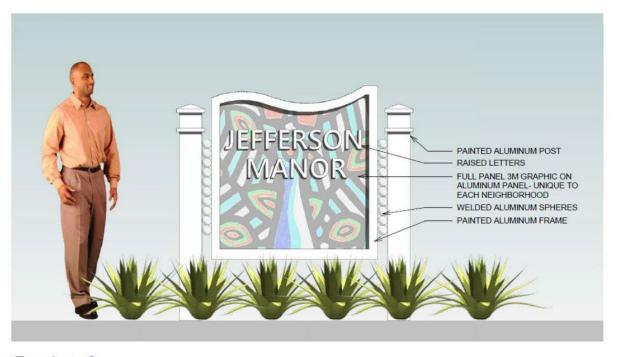








#### **DESIGN OPTIONS**



Design 2.







#### **DESIGN OPTIONS**



Design 3.







#### **DESIGN OPTIONS**



Design 4.

## Stormwater Improvements

- Replace existing pipe in poor condition
- Model the drainage system
- New inlets & pipe to address ponded areas
- Modify Control Structure at the LWDD Canal







# Sanitary Sewer Clean Repair Line sewer mains

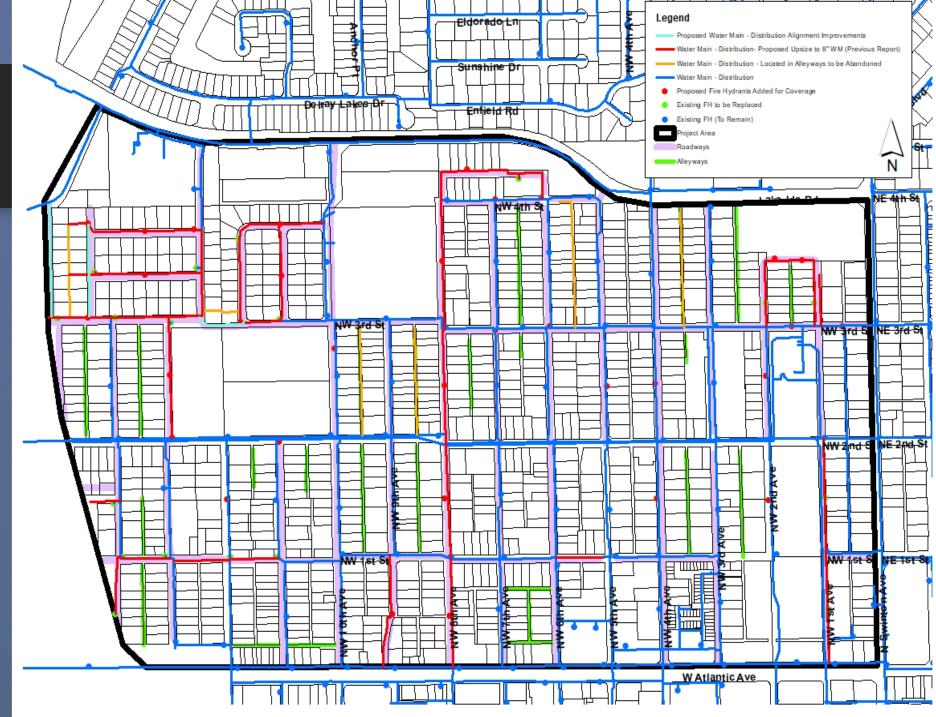






Water Main
Replace mains
Hydrant coverage

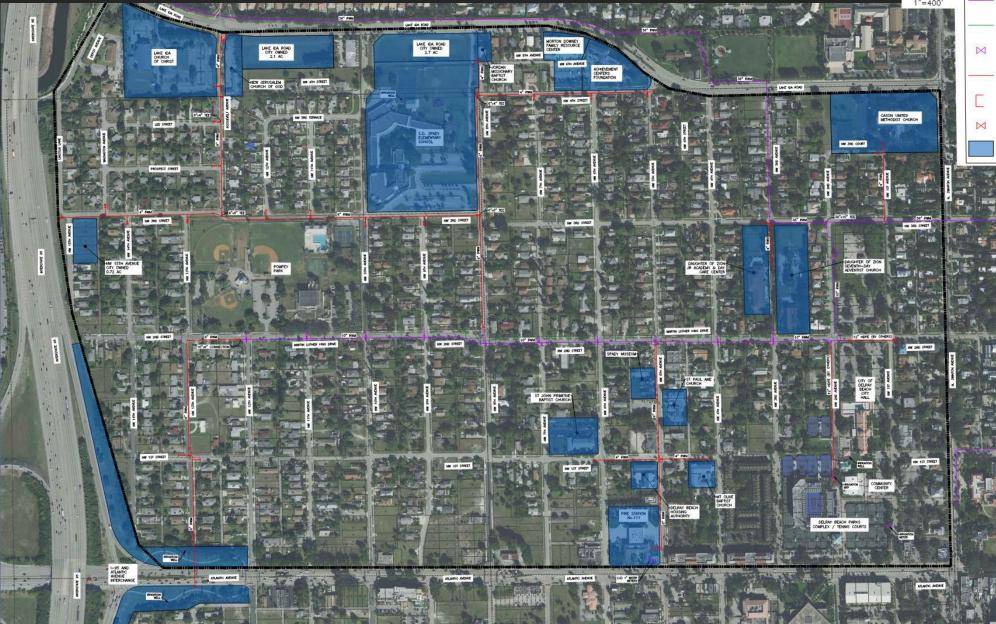




### Reclaimed Water Main









PROJECT BOUNDARY

EXISTING RECLAIMED WATER MAIN

EXISTING RECLAIMED SERVICE

EXISTING RECLAIMED SYSTEM VALVE

PROPOSED RECLAIMED WATER MAIN

PROPOSED PLUG

PROPOSED RECLAIMED SYSTEM VALVE

PROPOSED RECLAIMED WATER USER



# Decorative Street Lighting



GRANVILLE SERIES LUMINAIRE LEAF STYLE CASTING, FULL COVER AND ROMAN CROSS, 4,900 LUMENS, MULTIVOLT, ROADWAY TYPE 3, 3000K CCT, GREEN GRAY, 20KV/10KA WITH INDUCTIVE FILTER SURGE PROTECTION, 7 PIN PHOTOCONTROL RECEPTACLE AS PER FPL STANDARDS AND AS MANUFACTURED BY HOLOPHANE.

— DIRECT BURIED GREEN
WASHINGTON CONCRETE POLE
AS PER FPL STANDARDS

FINISHED GRADE



FPL POLE MOUNTED FIXTURE
ASSEMBLY DETAIL

N.T.S.





# Landscaping & Irrigation Improvements



**Large Trees** 



Wild Tamerind









Jamaican Dogwood

**Small Trees** 





**Small Palms** 





Shrubs



Green Island Ficus

Horizontal Coco. Clusia Nana

Grasses & Groundcover





FL. Gamma Grass

Sand Cordgrass

Beach Creeper



Large Palms





Fl. Thatch Palm

NW Neighborhood Landscape

Hurricane Palm



### **Plant Palette**







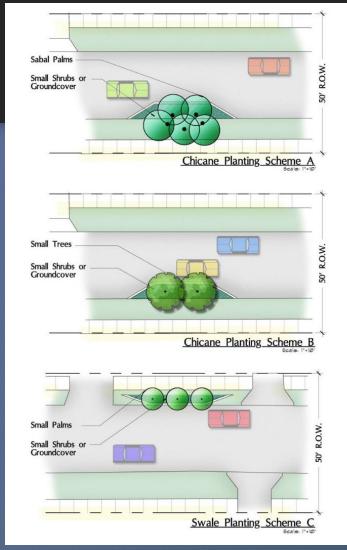


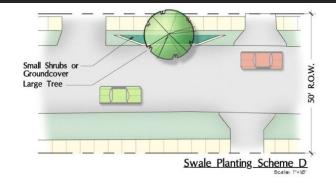






# Landscaping & Irrigation Improvements









## Agreements for Improvements

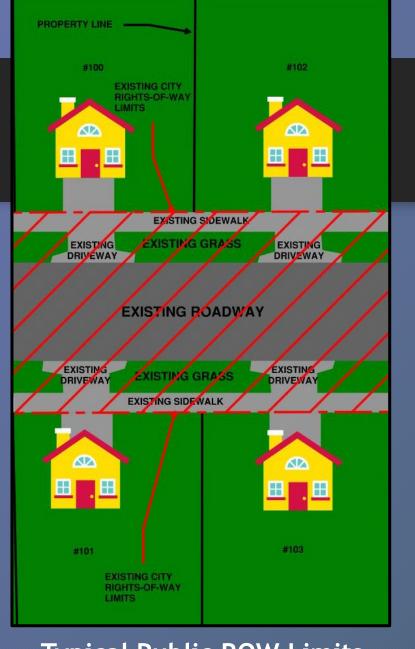




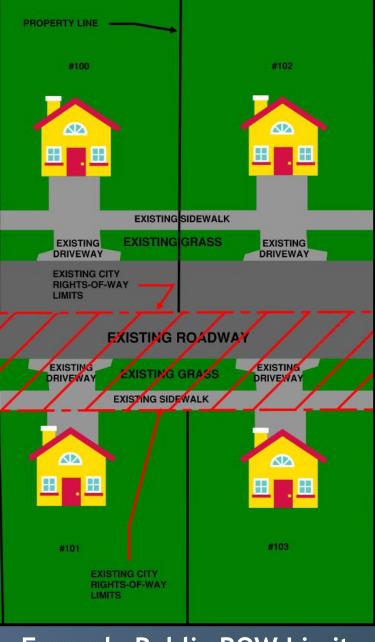
City maintains roads, sidewalks, utilities

• Usually improvements are within *PUBLIC* right-of-way

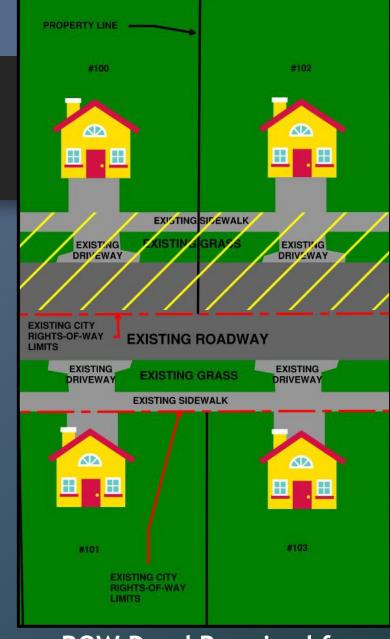
At some locations, *PRIVATE* property extends over existing sidewalks and roads



**Typical Public ROW Limits** 



Example Public ROW Limits (Some Locations)



ROW Deed Required for work on Private Property

## Agreements for Improvements





- Agreements allow City to construct and maintain the proposed improvements
- Researching locations where Agreements will be required
- Right-of-Way Deeds

## Project Schedule





- Project Notice to Proceed: November 2021
- Initial Neighborhood Public Meeting held on January 27, 2022
- Preliminary Design Draft Report: Complete mid-March 2022
- 8 Enclave Public Meetings: April & May 2022
- Design Schedule: 2+ years
- Construction Schedule: 3 Phases over 4+ years

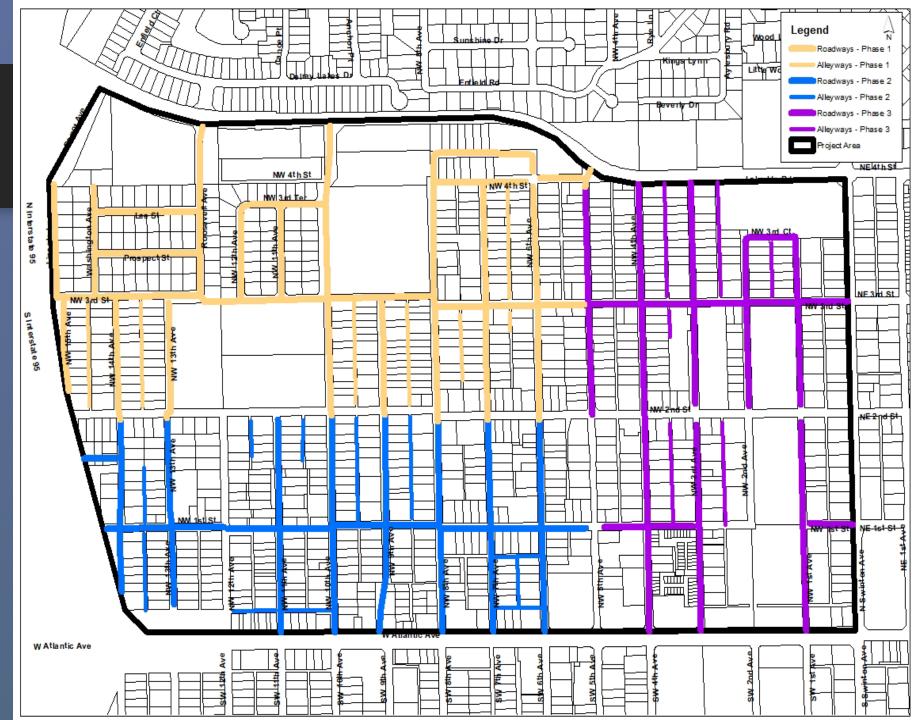






# Construction Phasing Plan





## How to Stay Involved





#### Tonight:

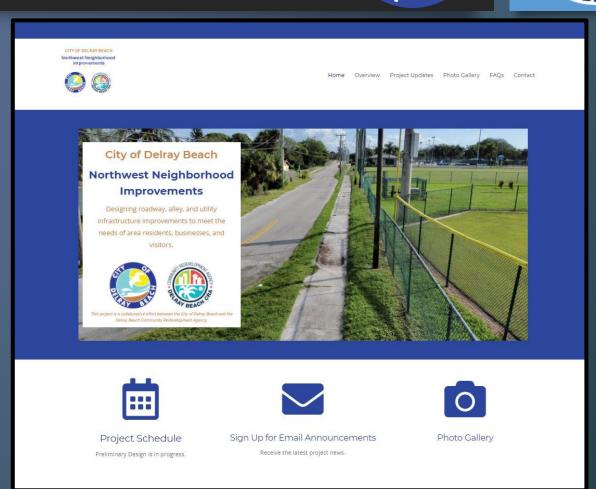
- Complete sign-in sheet and provide email
- Speak with City staff and project team
- Fill out feedback form (all comments are welcome)

#### Project Website:

https://NWNeighborhoodproject.com/

#### Other:

City website / social media



# Thank you for attending!





#### **Contact Information:**

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Begoña Krane City of Delray Beach - Project Manager <u>krane@mydelraybeach.com</u> 561-243-7299

