



# AGENDA

## Lake Shore Drive Drainage Workshop

Town of Lake Park, Florida  
Saturday, March 9, 2019, 10:00 A.M.  
Lake Park Town Hall  
535 Park Avenue

PLEASE TAKE NOTICE AND BE ADVISED, that if any interested person desires to appeal any decision of the Town Commission, with respect to any matter considered at this meeting, such interested person will need a record of the proceedings, and for such purpose, may need to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which the appeal is to be based. *Persons with disabilities requiring accommodations in order to participate in the meeting should contact the Town Clerk's office by calling 881-3311 at least 48 hours in advance to request accommodations.*

### Stakeholder Engagement – Lakeshore Drive Drainage Project

#### PUBLIC COMMENT:

This time is provided for addressing items that do not appear on the Agenda. Please complete a comment card and provide it to the Town Clerk so speakers may be announced. Please remember comments are limited to a TOTAL of three minutes.

#### ADJOURNMENT:




**Meeting Date: March 9, 2019; 10:00 a.m.**

**Agenda Title: Stakeholder Engagement Meeting – Lakeshore Drive Drainage Project.**

- SPECIAL PRESENTATION/REPORTS     CONSENT AGENDA  
 BOARD APPOINTMENT     OLD BUSINESS  
 PUBLIC HEARING ORDINANCE ON \_\_\_\_\_ READING  
 NEW BUSINESS  
 OTHER: \_\_\_\_\_

Approved by Town Manager  Date: 3-4-19

 Richard Scherle / Public Works Director

<b>Originating Department:</b> <b>Public Works</b>	<b>Costs: N/A</b> Funding Source: N/A Acct. N/A <input type="checkbox"/> Finance ___ n/a _____	<b>List of Exhibits:</b> 1. <b>Presentation materials (PowerPoint Slides)</b> 2. <b>Exhibits: Rendering of Lake Shore Drive Improvements with Roadway Typical Schematic</b>
<b>Advertised:</b> Date: Paper: <input checked="" type="checkbox"/> Not Required	All parties that have an interest in this agenda item must be notified of meeting date and time. The following box must be filled out to be on agenda.	<b>Yes I have notified everyone</b> <u></u> OR Not applicable in this case _____ <b>Please initial one.</b>

**Summary Explanation/Background:**

The Town is planning to construct a new drainage system along Lake Shore Drive. The project is expected to include the construction of new drainage inlets, new roadway, landscaping, a storm water pumping station, and other features (including the use of “Green Infrastructure”). The purpose of the project is to improve drainage for the area for years to come. This is the second public outreach meeting for the proposed Lake Shore Drive Drainage system.

First, the firm of Mathews Consulting will provide a presentation and project update. This presentation will present the current design along with the modeling that supports the design. Then, a public comment period will commence, so that all interested parties may comment. If you would like to provide comments or ask any

questions, please fill out a public comment card and speak into the microphone.



# TOWN OF LAKE PARK LAKE SHORE DRIVE DRAINAGE IMPROVEMENTS

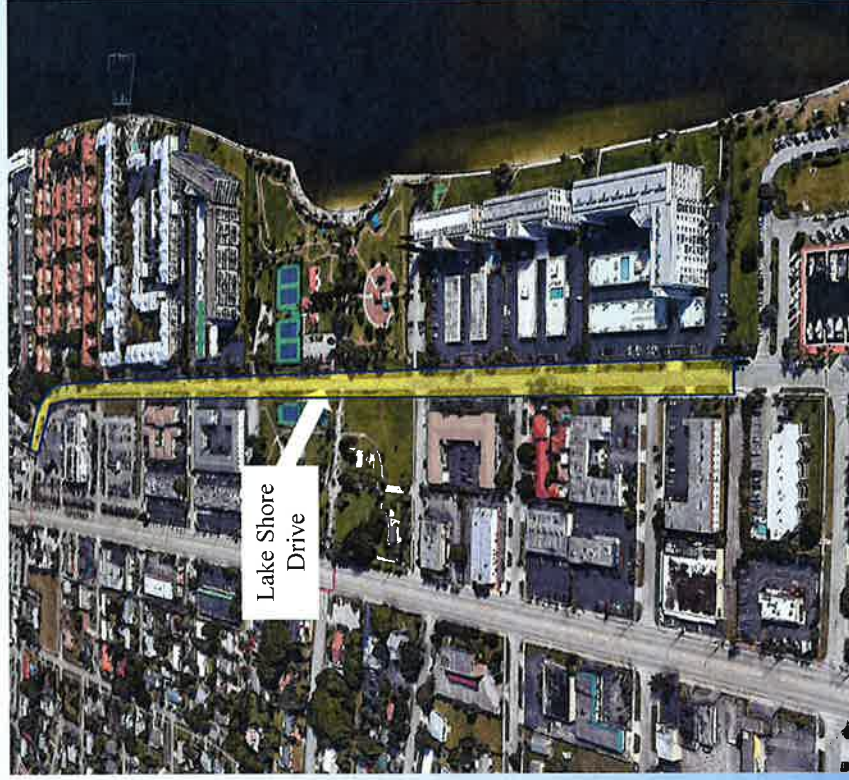
PUBLIC INVOLVEMENT MEETING

MARCH 9, 2019

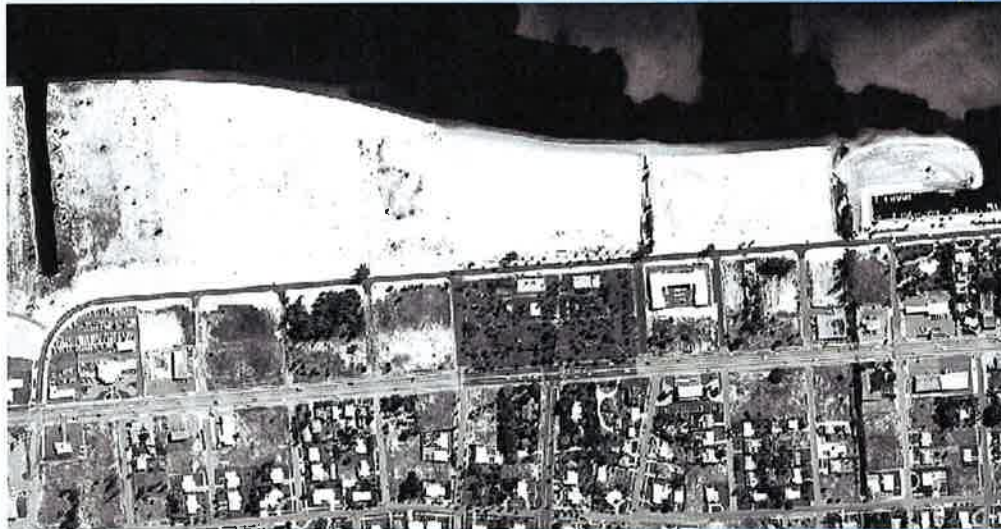
**BAXTER & WOODMAN**  
Consulting Engineers  
*Making a Difference through innovative engineering solutions.*

# PROJECT DESCRIPTION

- ROADWAY FLOODING DURING KING TIDES
- SEA LEVEL RISE
- VISION LAKE PARK
  - FUTURE DEVELOPMENT
  - LANDSCAPING/LIGHTING
  - PEDESTRIAN FRIENDLY
- SUSTAINABILITY







1953  
1964  
2019

# LIDAR TOPOGRAPHY





# FUTURE ROADWAY

PER TOWN'S CODE OF ORDINANCES

- REMAIN A 2-LANE ROAD
- PARALLEL PARKING ON WEST SIDE OF ROAD
- CONCRETE CURB & GUTTER
- SIDEWALKS & BIKE PATHS
- LANDSCAPING & LIGHTING

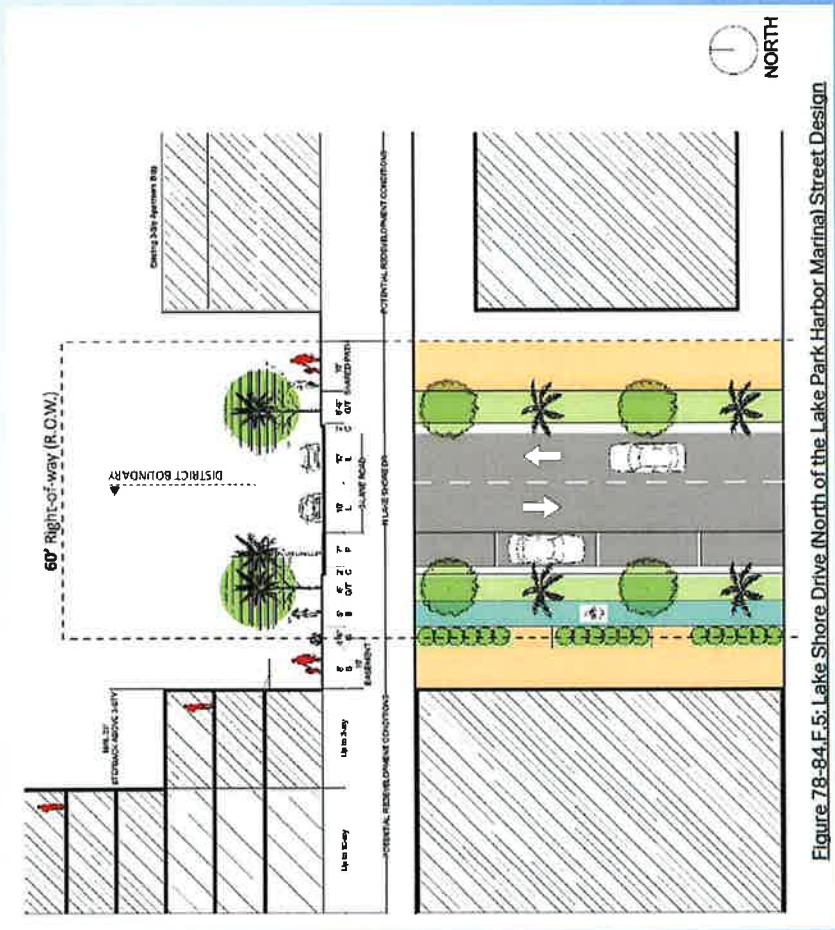
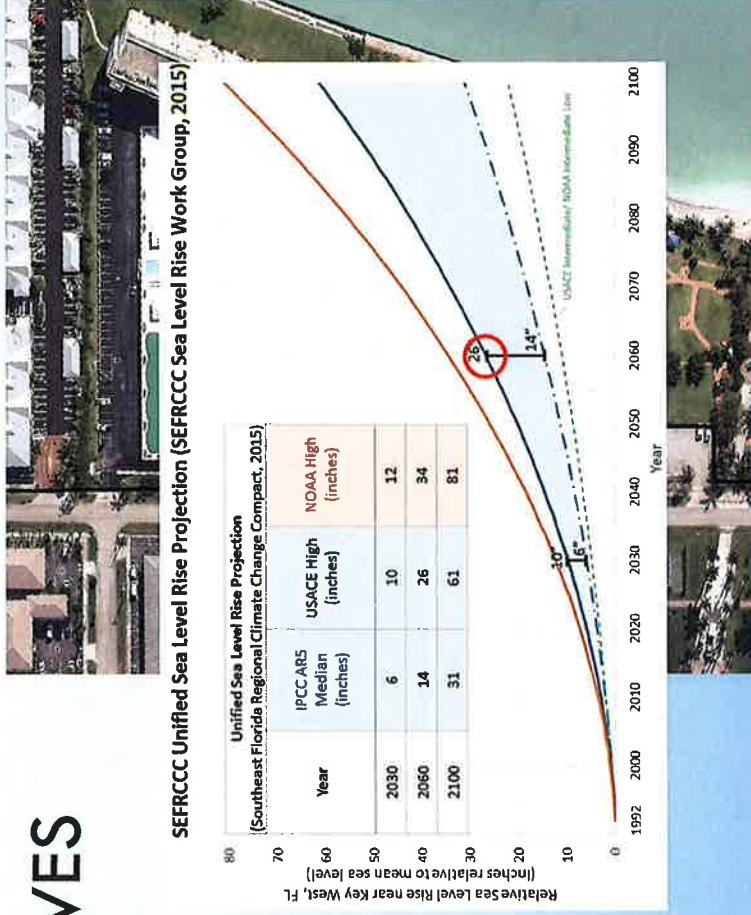


Figure 78-84.F.5: Lake Shore Drive (North of the Lake Park Harbor Marina) Street Design

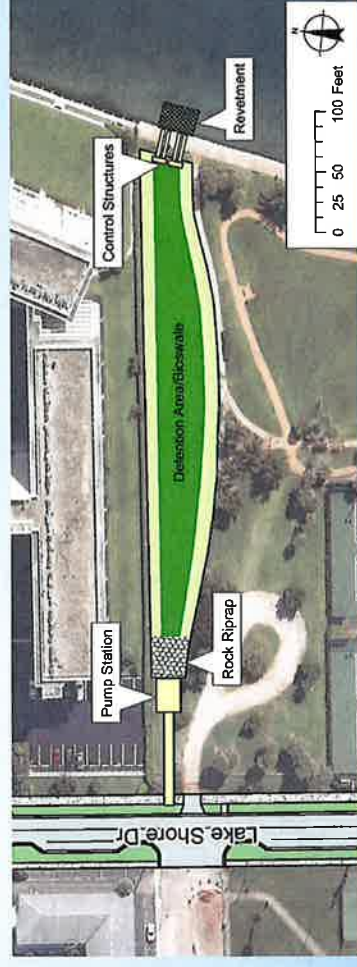
# MODELING ALTERNATIVES

- CHECK VALVES AT PIPE OUTLETS
- RAISE ROAD ELEVATIONS
- PUMP STATION
- DETENTION BASIN
- COMBINATIONS OF THE ABOVE
- SEA LEVEL RISE ASSESSMENT



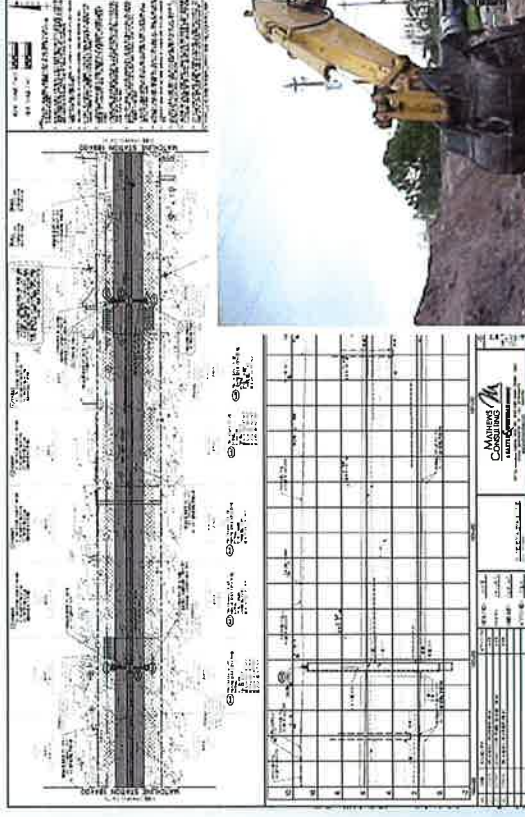
## MODELING RESULTS

- CHECK VALVES AT PIPE OUTLETS
- RAISE ROAD ELEVATIONS
- PUMP STATION
- DETENTION BASIN
- COMBINATIONS OF THE ABOVE
- SEA LEVEL RISE ASSESSMENT

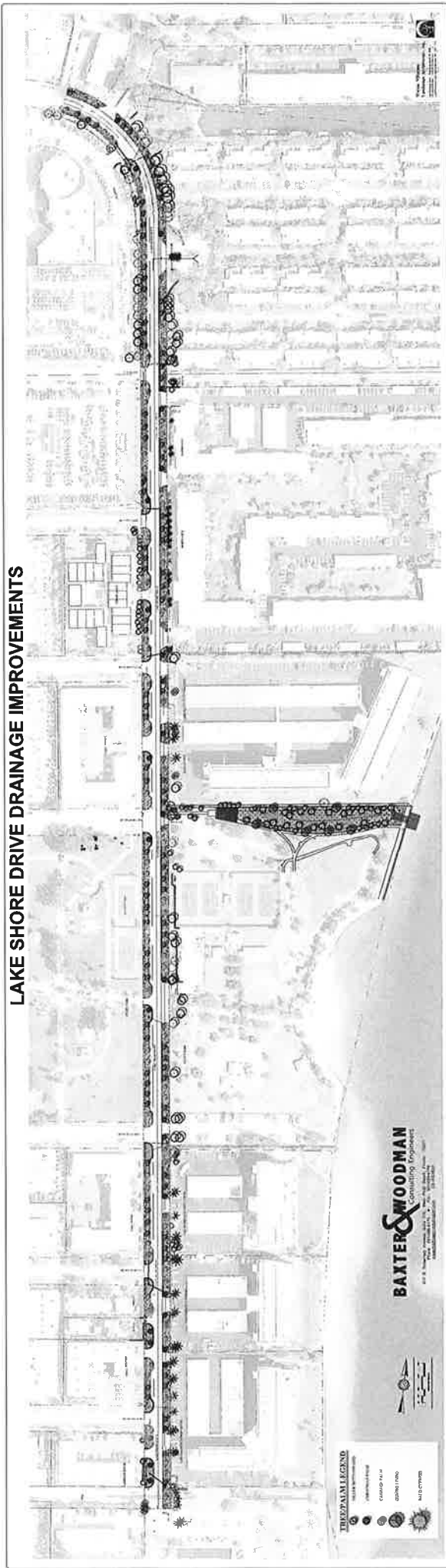


## NEXT STEPS

- PRELIMINARY DESIGN REPORT
- PRESENT FINDINGS AND RENDERINGS TO PUBLIC
- PERFORM DETAILED DESIGN
  - CONSTRUCTION DRAWINGS
  - SPECIFICATIONS
  - COST ESTIMATES
- PERMITTING
- CONSTRUCTION



# LAKE SHORE DRIVE DRAINAGE IMPROVEMENTS



**THESE PLAN LEGEND**

	CATCH BASIN
	MANHOLE
	STORM SEWER
	UTILITY
	EASEMENT

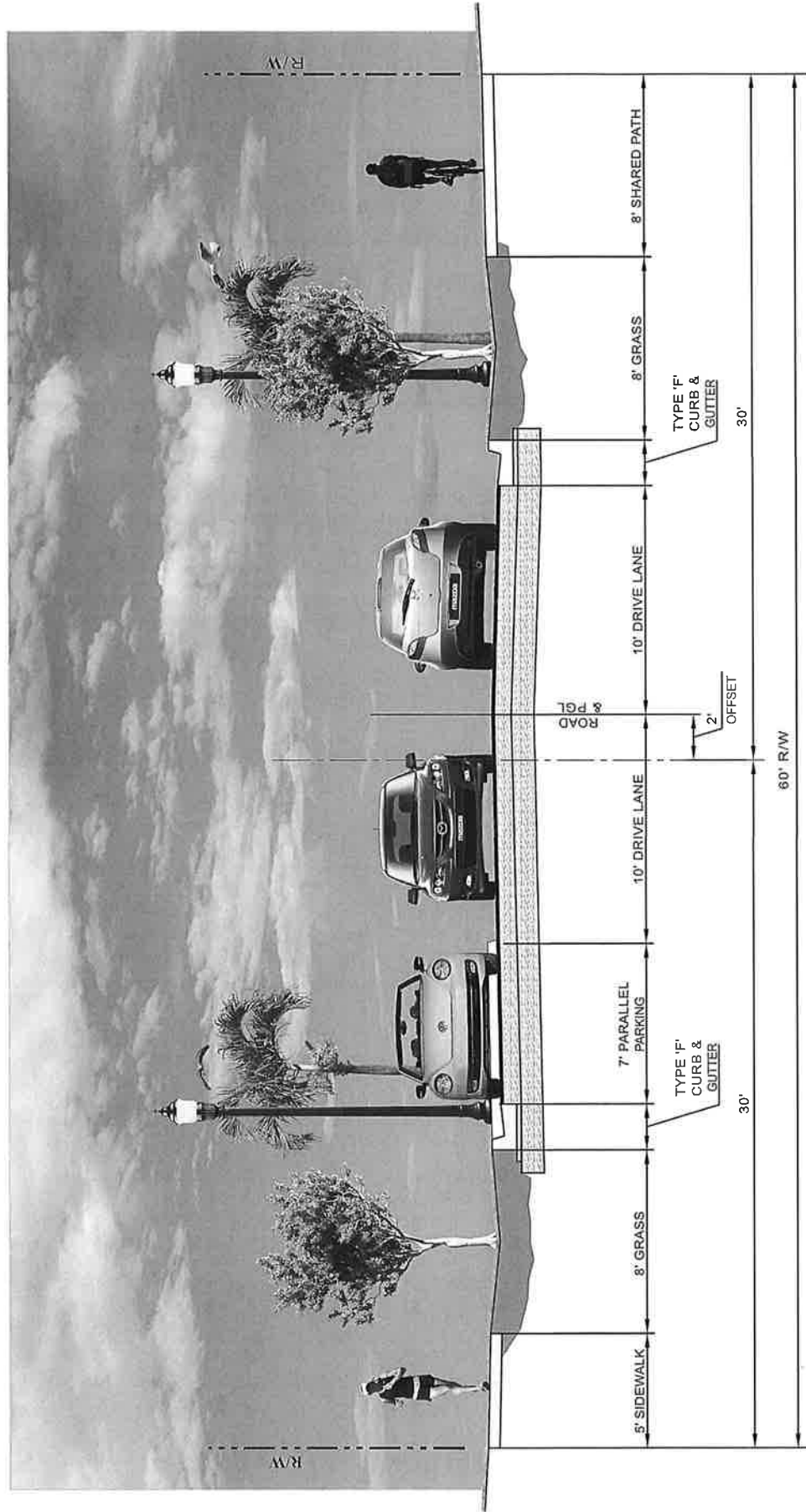
**BAXTER & WOODMAN**  
Consulting Engineers

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www.baxterandwoodman.com



DATE: 08/15/2011  
PROJECT: LAKE SHORE DRIVE DRAINAGE IMPROVEMENTS  
SHEET: 1 OF 1

# LAKE SHORE DRIVE



**PROPOSED TYPICAL ROADWAY SECTION**