

City of Fort Lauderdale

*City Hall
100 North Andrews Avenue
Fort Lauderdale, FL 33301
www.fortlauderdale.gov*



Meeting Minutes - APPROVED

Tuesday, November 17, 2015

1:30 PM

City Commission Conference Room

City Commission Conference Meeting

FORT LAUDERDALE CITY COMMISSION

***JOHN P. "JACK" SEILER Mayor - Commissioner
ROBERT L. McKINZIE Vice Mayor - Commissioner - District III
BRUCE G. ROBERTS Commissioner - District I
DEAN J. TRANTALIS Commissioner - District II
ROMNEY ROGERS Commissioner - District IV***

***LEE R. FELDMAN, City Manager
JOHN HERBST, City Auditor
JEFFREY A. MODARELLI, City Clerk
CYNTHIA A. EVERETT, City Attorney***

Meeting was called to order on Tuesday, November 17, 2015 at 1:38 p.m. by Mayor Seiler.

ATTENDANCE ROLL CALL

Present: 5 - Mayor John P. "Jack" Seiler, Vice-Mayor Robert L. McKinzie, Commissioner Bruce G. Roberts, Commissioner Dean J. Trantalis and Commissioner Romney Rogers

Also Present: City Manager Lee R. Feldman, City Auditor John Herbst, City Clerk Jeffrey Modarelli, City Attorney Cynthia A. Everett and Sergeant At Arms Sergeant W. Auguste

No public comments were submitted by email regarding this meeting.

CITY COMMISSION REPORTS

Events and Matters of Interest

Members of the Commission announced recent and upcoming events and matters of interest.

National League of Cities Conference, Nashville, Tennessee

Commissioner Rogers noted that he and Commissioner Roberts attended the National League of Cities Conference in Nashville, Tennessee, and noted it was very well attended. Commissioner Roberts discussed outstanding Sustainability and Police Transparency meetings presented by other municipalities in attendance at the Conference. Discussions ensued on these topics.

Cemeteries in the City

There was a consensus among the Commission members, the City Manager, and the City Auditor that a Master Plan and Capital Plan regarding the City's cemeteries needs to be addressed.

Crescent House

Commissioner Trantalis brought to the attention of the Commission the final order rendered by the Code Enforcement Special Magistrate concerning Crescent House noting the City prevailed on both matters. Commissioner Trantalis thanked all involved in assisting in the resolution of this issue.

Water Tower

Commissioner Trantalis requested an update as to the status of the water tower. City Manager Feldman stated the project is currently out for bid.

Fort Lauderdale Boat Show

Mayor Seiler commented on this year's Boat Show commenting it was a fantastic success. The week of the Boat Show, the City announced a dredging project for the intercoastal waterway that was very well received. Mayor Seiler also remarked the Boat Show's events were attended by some of the top businesses and executives from around the world. Mayor Seiler characterized it as an incredible success and a "Home Run" for the City. He expressed his appreciation for the patience and cooperation of the neighbors from the standpoint of both traffic and parking. Mayor Seiler also stated for the marine industry; this event sets the tone for the year. He noted it also benefits the City from the perspective that it kicks off the City's tourism season that now begins with the Boat Show Weekend as

opposed to the Thanksgiving Weekend all the way through Easter. Noting this extension of the tourism season is most beneficial for the City. Commissioner Trantalis also noted speaking with several car vendors who attended the Boat Show, stating they sold a significant number of vehicles during the event contributing to additional economic success for the City.

CONFERENCE REPORTS

CF-1 15-1415 Emergency Purchases - Sewer Force Main Failures at 1700 East Las Olas Boulevard - \$205,330 and at 150 Southwest 2nd Street - \$213,606

Charles King, 105 N. Victoria Park Drive, expressed his opinion on this topic.

The Commission commended City Staff for responding to the problem in a timely and efficient manner.

OLD/NEW BUSINESS

BUS-2 15-1368 Quiet Zones Presentation

Amy Knowles, Structural Innovation Manager, opened the presentation introducing Paul Cavaresi, Transportation Planner, with Broward Metropolitan Planning Organization (MPO) and Greg Stuart, Executive Director of Broward MPO provided a presentation and update on the regional Quiet Zone application being prepared for South Florida.

The MPO is assisting the cities in Broward County by providing 4.4 Million Dollars to create quiet zones as a way to help preserve the quality of life for residents along the rail line in anticipation of the Brightline (formerly All Aboard Florida) passenger service and increasing freight movements along the Florida East Coast (FEC) Corridor. Quiet Zones are established for the purpose of reducing train horn noise and the mitigation of the increased risk caused by the absence of a horn. The mitigations typically include safety measures such as additional crossing gates and small medians to reduce access to the tracks when a train is passing. The Quiet Zone will span all of Broward County. The resolution for the City to participate in the Quiet Zone application will be placed on the December 1, 2015, City Agenda.

Questions and answers ensued during the presentation.

A copy of the presentation is attached to these minutes.

BUS-5 15-1476 Discussion of Fishing Regulations on Fort Lauderdale Beach
(Between NE 18th Street and NE 23rd Street)

Commissioner Trantalis stated he had been approached by some people in the past regarding the use of the City's beaches for fishing. Investigations found the City has an Ordinance in place indicating from South Beach to 18th Street you can fish anytime except between the hours of 9:00 a.m. and 6:00 p.m.; North of 18th Street to 23rd Street the hours are from 9:00 a.m. until 4:00 p.m. Concerns have

been raised by residents in the area north of 18th Street to 23rd Street that the hours should be changed from 9:00 a.m. until 6:00 p.m. because of safety hazards. Mayor Trantalis noted there were no restrictions north of 23rd Street and South of Bahia Mar. The purpose of these discussions is to decide whether to change the time restrictions in the area north of 18th Street to 23rd Street to 9:00 a.m. until 6:00 p.m. Commissioner Trantalis made it clear that this is not about banning all fishing.

Don Anthony, Animal Rights Organization of South Florida, spoke in support of this item.

Tim O'Connor, a resident of the City, spoke in opposition to this item.

Thomas La Porta, a resident of the City, spoke in opposition to this item.

Tom Argue, Patrick Dirindm, a resident of the City, spoke in opposition to this item.

Nancy Alexander, a resident of the City and founder of the Animal Rights Foundation in Florida, presented photos to the Commission and stated her position on this item from a safety perspective. *Copies of the photos are attached to these minutes.*

Gabriella Fuina and her son Lucas, residents of the City, spoke in opposition to this item.

David Brown, a resident of the City, spoke in support of the item addressing the need to protect the sea turtles.

John Pureslo, a resident of the City, spoke in opposition to the item.

Jared Hill, a resident of the City, spoke in opposition to the item.

Jim Miller, a resident of the City, spoke in opposition to the item.

Jared Hill, a resident of the City, spoke in opposition to the item.

Jim Miller, a resident of the City, spoke in opposition to the item.

Michael O'Gorman, a resident of the City, spoke in opposition to the item.

Josh Perkins, a resident of the City, spoke in opposition to this item.

Scott Pratt, a resident of the City, spoke in opposition to this item.

Melinda Colon, a resident of the City, spoke in opposition to this item and the legality of any ordinance restricting one's right to fish on the beach.

Jeff Maggio, a resident of the City, spoke in opposition to this item.

James Wildman, a resident of the City, spoke in support to this item.

James Akers, a resident of the City, spoke in opposition to this item, noting Ordinance C15-20 enacted on June 2, 2015.

Susan Hargraves, and Kalia Jones, a nine-year-old girl, residents of the City spoke in support of this item as it relates to the safety and welfare of sea turtles and seagulls.

Kalia Jones, a nine-year-old resident of the City, spoke in support of this item, stating her fear of

swimming on the beach when shore fishing is taking place.

Craig Patton, a resident of the City, spoke in opposition to this item, noting that the animal injuries incurred by those fishing usually occur when fishing is from boats rather than fishing from the shore.

Steve Coleman, a resident of the City, spoke in opposition to this item.

Chuck Hansen, a resident of the City, spoke in opposition to this item.

Mayor Seiler closed the public hearing and discussion ensued among the Commissioners. None of the Commissioners were in favor of this item.

Mayor Seiler commented and commending Commissioner Trantalis for bringing this issue up as it is a duty of a Commissioner to bring items such as these up based on input from constituents. Raising issues such as this and bringing them up for discussion is part of the Commission's duties. Mayor Seiler gave his comments noting fisherman are conservationists whose goals are to preserve the environment for future generations and are at the forefront of conservation efforts. He also noted fishing's positive effects for families and friends in addition to the positive experience for tourists when they get the opportunity to see a fisherman make a big catch.

Commissioner Trantalis reiterated that the item was for discussion purposes and to see how we are going to fashion the use of our beaches knowing that the population of the City's beaches is beginning to increase. He also noted that this is an evolving situation that may need to be addressed in the future with the goal being to sharpen our focus on the beach and avoid problems in the future from a safety perspective for the City's citizens and tourists.

BUS-1 15-1479 ISO 9001 - Strategic Management System Update - Structural Innovation

ISO 9001 is a set of quality standards helping guide over one million organizations in over 170 countries to ensure quality is built into their management systems. These quality standards include a strong focus on meeting the expectations of the City's customers (neighbors), providing high-quality services through a process-centered approach, hiring and retaining engaged and mission-driven staff (community builders), continual improvement, and involved leadership.

The City of Fort Lauderdale is in the process of certifying our strategic management system, FL2STAT, to the ISO 9001:2008 standard. FL2STAT is how the City manages our processes and activities so that we meet the City's long-term vision plan, *Fast Forward Fort Lauderdale*, the objectives established in the City's strategic plan, *Press Play Fort Lauderdale*, the Commission Annual Action Plan priorities, and the annual budget process. Additionally, FL2STAT is the City's method of analyzing our neighbor's requirements/expectations, identified through the annual Neighbor Survey.

City Manager Feldman commented on the process and the City's moving forward on the ISO 9001 Certification and its standards. Amy Knowles, Structural Innovation Manager, introduced members of her staff: Staff member, Toy Beeninga, ICMA, Senior Management Fellow - DSD and Transportation Mobility gave an update presentation on the ISO 9001 - Strategic Management System Update - Structural Innovation.

A copy of the presentation is attached to these minutes.

Discussion, comments, and questions ensued from the Commission.

BUS-3 15-1467 Aquatic Center Update

City Manager Feldman gave an update on the costs estimates for the Aquatic Center to discuss the options available to the Commission in order to move forward with a decision at the December 1, 2015, City Commission Regular Meeting. A discussion of the pros and cons of the six options presented ensued.

Jim Blosser spoke on behalf of Recreational Design and Construction, Inc. (RDC) as a consultant. Mr. Blosser addressed the project and the escalated costs associated with the project due to the improved economy. He stated that he, those members of RCD present, and RDC's counsel, also present are here to answer all questions from the Commission.

Ina Lee, President of Travelhost Magazine, discussed the Aquatic Center issue addressing room nights on the beach, the overall tourism market, and the local economy. She noted her concern at the escalated costs of the proposed RDC's plan for the Aquatic Center noting that the impact of those costs would take away from other CRA projects. Additionally, the high-cost of room rates in the beach area may prohibit attendees from staying at upgraded beach properties. Ms. Lee recommended an analysis of the impact of these issues.

Linda Webb, a resident of the City and representative of the swimming community, spoke in opposition to repurposing the Aquatic Center and options for funding the project.

Abby Laughlan, Central Beach Alliance, spoke about the high-cost of RDC's plan, recommending other alternatives to using funds from the CRA fund. Ms. Laughlan encouraged the Commission to think outside the box about solutions for the funding this project.

David Shula, Swim Fort Lauderdale, spoke in support of the Aquatic Center from both a business and a participant standpoint encouraging the Commission to find a way to make the facility work for everyone.

Anthony Abatte did not speak but his email was made part of the record, and a copy is attached to this email.

Art Seitz, 1905 North Atlantic Boulevard, spoke in opposition to RDC's proposal for the Aquatic Center. Mr. Seitz requested the Fort Lauderdale Aquatic Complex Evaluation Committee's Scoring Sheet for the proposed redevelopment plan of the Aquatic Center by RDC be entered into the public record.

Charles King spoke regarding this topic giving his comments on the project and the process.

Discussion ensued among the Commission members and City Manager Feldman as to the City Manager's recommendations to rehabilitate the current facility as it relates to the cost, funding, scope of work involved, associated parking issues, additional improvements and add-ons to the project, and CRA funding allocations. Mayor Seiler requested input and a recommendation from the Beach Community Redevelopment Advisory Board to assist the Commission in making a decision. Commissioner Roberts went on the record noting his concern with the new price from RDC.

**COMMUNITY REDEVELOPMENT AGENCY MEETING - 4 P.M.
OR AS SOON THEREAFTER AS POSSIBLE**

**EXECUTIVE CLOSED DOOR SESSION - 4:30 P.M.
OR AS SOON THEREAFTER AS POSSIBLE**

The City Commission Conference Meeting was recessed at 5:00 p.m. to begin the Executive Closed Door Session

The City Commission convened the Executive Closed Door Session at 5:01 p.m. and adjourned at the end of the session.

15-1494 The City Commission will meet privately pursuant to Florida Statute, Section 286.011(8) concerning:

*Rice and Grimes v. City of Fort Lauderdale Case No.: CACE
14-017210 (21)*

City Commission Conference Meeting was reconvened at 5:22 p.m. by Mayor Seiler.

ATTENDANCE ROLL CALL

Present: 5 - Mayor John P. "Jack" Seiler, Vice-Mayor Robert L. McKinzie, Commissioner Bruce G. Roberts, Commissioner Dean J. Trantalis and Commissioner Romney Rogers

Also Present: City Manager Lee R. Feldman, City Auditor John Herbst, City Clerk Jeffrey Modarelli, City Attorney Cynthia A. Everett and Sergeant At Arms Sergeant W. Auguste

**OTHER POST-EMPLOYMENT BENEFITS BOARD MEETING - 3:45 P.M. OR AS
SOON THEREAFTER AS POSSIBLE**

OPEB- 15-1382 Other Post-Employment Benefits Trust Investment Policy Revision
1

Kirk Buffington, as the City's Trust Fund Administrator, spoke regarding revisions the current investment policy for the Other Post-Employment Benefits Trust. This policy revision will allow the City to do passive investment versus active investment. Discussion ensued among the Commission regarding this revision.

Dr. Getz, a resident, spoke regarding the proposed revision recommending some minor changes and recommendations requesting the Commission defer a decision on this item until staff has an opportunity to review this revision completely and consider Dr. Getz' recommendations.

Commissioner Rogers moved to defer this item and was seconded by Commissioner Roberts.

The City Commission Conference Meeting was recessed at 5:28 p.m. and then reconvened at 10:42 p.m. on Tuesday, November 17, 2015 following the Regular City Commission Meeting.

ATTENDANCE ROLL CALL

Present: 5 - Mayor John P. "Jack" Seiler, Vice-Mayor Robert L. McKinzie, Commissioner Bruce G. Roberts, Commissioner Dean J. Trantalis and Commissioner Romney Rogers

Also Present: City Manager Lee R. Feldman, City Auditor John Herbst, City Clerk Jeffrey Modarelli, City Attorney Cynthia A. Everett and Sergeant At Arms Sergeant W. Auguste

BOARDS AND COMMITTEES

BD-1 15-1472 Board and Committee Vacancies

Please see regular agenda item R-1.

Commissioner Trantalis recommended representatives of the Committees that contain open vacancies come to the Commission Meetings to give a three minute presentation in order to give additional details regarding those board vacancies and appointments.

BD-2 15-1473 Communications to the City Commission

None.

OLD/NEW BUSINESS (continued)

BUS-6 15-1483 Proposed Land Swap of Parcels Owned by Randolph Companies and the City of Fort Lauderdale (Bahia Cabana/Station 49)

City Manager Feldman cited the term sheet provided to the Commission for the land swap. He stated if the Commission decides to move forward on the land swap, the City will need to order appraisals on both the fire station property and the property to be swapped. It will then need be brought to the Commission for a vote.

Robert Hoecherl, Fire Chief, stated he has met with the developer, Randolph Equity Partners. He further addressed questions from the Commission regarding the plans and the concerns regarding new fire house. Questions and discussion ensued among the Commission and Fire Chief on the proposed new location and contingencies from the developer such as parking and storage.

Stephanie Toothaker spoke on behalf of Randolph Equity Partners to get the Commission to agree to authorize the negotiation process. She addressed Ocean Rescue parking at the proposed new fire

house. Ms. Toothaker stated, on behalf of the developer, Randolph Equity Partners, they are committed to finding a solution that is acceptable to both the City and the Fire Department initially starting with a valet service for Ocean Rescue. Ms. Toothaker stated the concept plan submitted to the Commission still has details that need to be worked out and along with additional enhancements.

Commissioner Trantalis moved to go forward. Commissioner Rogers stated he had concerns with moving the station to proposed new location and the ability to navigate past Bahia Cabana. Ms. Toothaker addressed those issues in her response and discussion ensued with the Commission and Fire Chief Hoecherl. Mayor Seiler commented that his primary concern is public safety. City Manager Feldman stated he will move forward with the appraisals.

BUS-4 15-1203 Canal Dredging Master Plan Presentation

City Manager Feldman opened the discussion and City staff gave a presentation on the Canal Dredging Master Plan. The presentation gave a detailed explanation of the dredging process in this master plan noting the importance of canal dredging because it maintains the safe navigation and allows for storm water flow in to the City's canals. It was noted the Marine Advisory Board contributed their comments to staff concerning the City's dredging criteria for navigation purposes. Commissioner Trantalis asked if this plan focused on navigation canals as opposed to drainage canals. Staff stated the plan focuses on the navigation canals stating the drainage canals are funded by the drainage storm water fund. The total projected cost for the remaining canals that require dredging is 8 million dollars for the first seven-year cycle with 1.5 million funded by the storm water fund. Mayor Seiler asked if this should be coordinated with the two-year dredge being done currently from 17th Street to Sunrise Boulevard. This was addressed in the presentation. Funding source methods, assessments or taxes, for the project were discussed and concerns, comments and questions from the Commission ensued during the presentation.

A copy of this presentation is attached to these minutes.

Charles King spoke giving his comments to the Commission regarding funding.

CITY MANAGER REPORTS

None.

There being no other matters to come before the Commission, Mayor Seiler adjourned the meeting at 11:50 p.m.

Quiet Zone along FEC Corridor

Paul Calvaresi

Regional Transportation Planner

Calvaresip@browardmpo.org



CITY OF FORT LAUDERDALE STRATEGIC MANAGEMENT SYSTEM
FL²STAT- our approach to exponential improvement

Structural Innovation Division - ISO 9001 Implementation Update

November 17, 2015





CITY OF FORT LAUDERDALE STRATEGIC MANAGEMENT SYSTEM

Structural Innovation Team





CITY OF FORT LAUDERDALE STRATEGIC MANAGEMENT SYSTEM

Major Projects

- *Fast Forward* and *Press Play* Implementation
- Commission Annual Action Plan (Priorities for FY16)
- FL²STAT and Cylinder Team Facilitation
- Department Business Plans
- Performance Management
- Strategic Software Administration
- Benchmarking
- Neighbor Survey
- Process Improvements
- Digital Signage
- What Works Cities (Bloomberg Philanthropies)
- ICMA, National League of Cities, Institute of Industrial Engineers
- ISO 9001 Certification





CITY OF FORT LAUDERDALE STRATEGIC MANAGEMENT SYSTEM

Agenda

- ISO 9001 Certification Purpose and Benefits
- FL²STAT – Our Approach
- Progress
- Key Themes
- Next steps
- Q/A



CITY OF FORT LAUDERDALE STRATEGIC MANAGEMENT SYSTEM

What is ISO 9001?

- International Organization for Standardization (ISO)
 - ✓ ISO = Latin for “equal”
- **Management system** refers to how an organization manages processes, or activities, so products and services meet identified objectives, including:
 - ✓ Satisfying the customer's quality requirements; or
 - ✓ complying with regulations





CITY OF FORT LAUDERDALE STRATEGIC MANAGEMENT SYSTEM Certification Purpose and Results

- Build a culture of quality
- Well defined/documentated procedures improve consistency
- Poor service is identified earlier and is corrected at a lower cost or prevented altogether
- Continual improvement



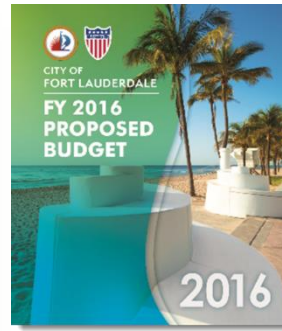
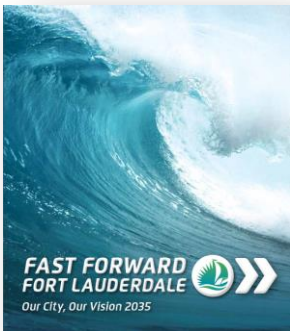


CITY OF FORT LAUDERDALE STRATEGIC MANAGEMENT SYSTEM

FL²STAT

FL²STAT is how we:

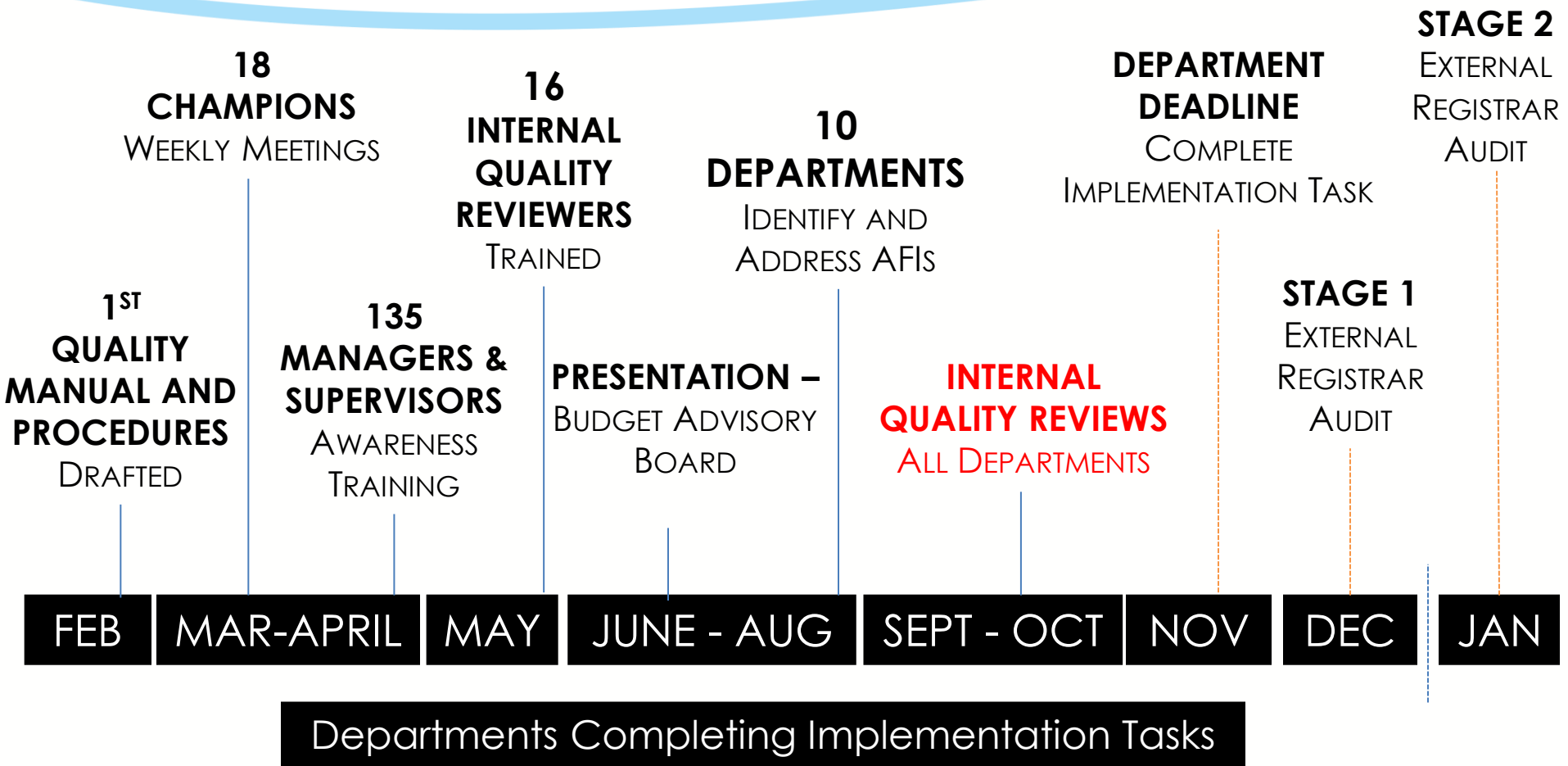
- Demonstrate **ability to consistently provide services that meets neighbor requirements;**
- enhance customer satisfaction through the effective application of the system, including **processes for continual improvement.**





CITY OF FORT LAUDERDALE STRATEGIC MANAGEMENT SYSTEM

Progress to Date





CITY OF FORT LAUDERDALE STRATEGIC MANAGEMENT SYSTEM

Benefits – Complaint Management

- Implemented in May 2014 by Public Works Dept.
 - Onboarding departments with no complaint system

77,274 entries
94% Closure Rate





CITY OF FORT LAUDERDALE STRATEGIC MANAGEMENT SYSTEM

Benefits – Vendor Evaluations

- Working to develop methodology and procedure to track and document vendor/supplier performance
 - Foster “Win-Win” Relationships

Vendors Identified: 358





CITY OF FORT LAUDERDALE STRATEGIC MANAGEMENT SYSTEM

Next Steps

- Registrar Certification Audit
 - Stage 1: December 8 - 9
 - Stage 2: January 2016
- Continual Improvement





CITY OF FORT LAUDERDALE STRATEGIC MANAGEMENT SYSTEM

Benefits – Connection to “We Build Community”





CITY OF FORT LAUDERDALE STRATEGIC MANAGEMENT SYSTEM

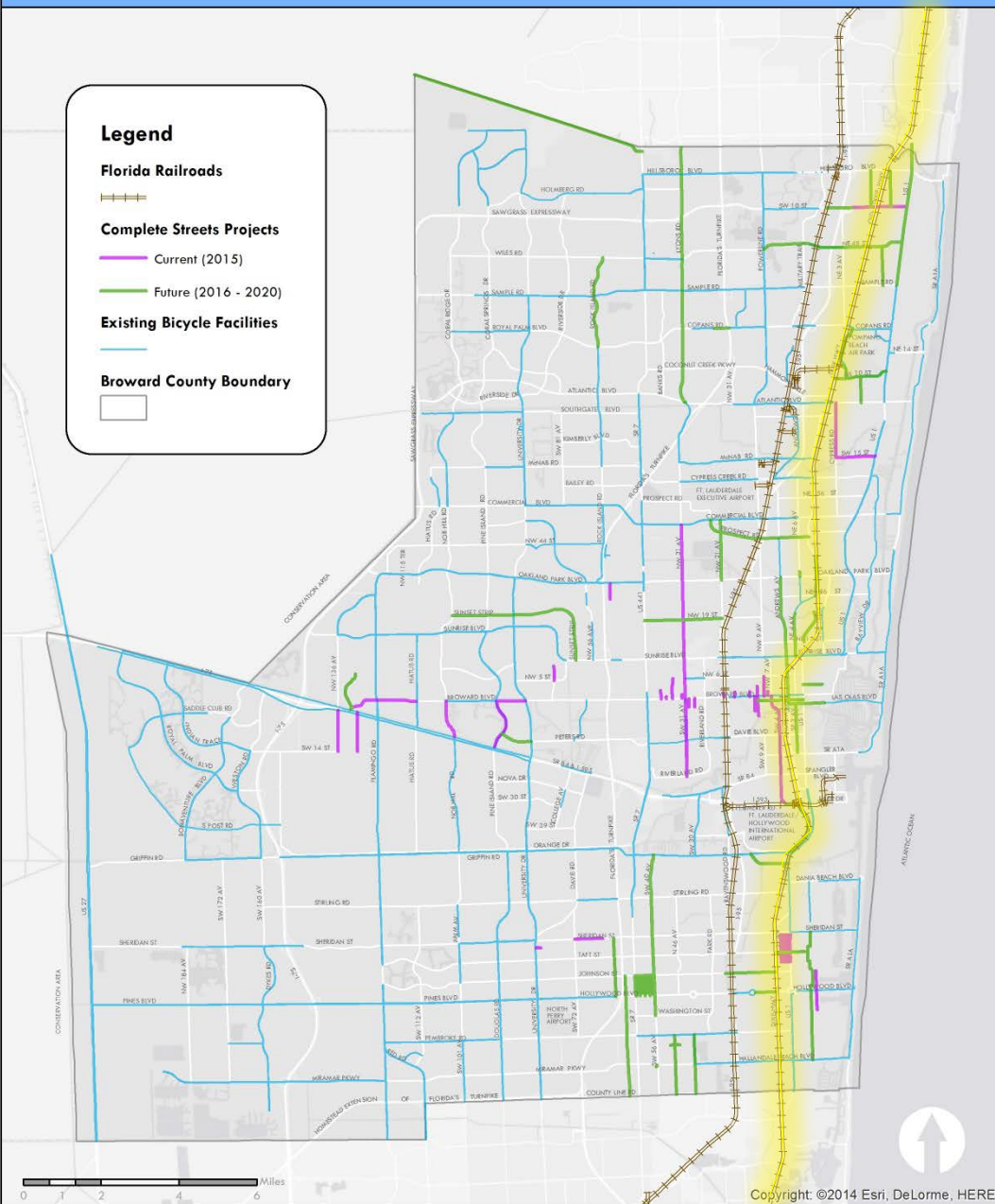
FL²STAT- our approach to exponential improvement

THANK YOU!

Questions?

About the Quiet Zone

- Throughout all of Broward County on the FEC Tracks
 - Deerfield Beach
 - Pompano Beach
 - Fort Lauderdale
 - Oakland Park
 - Wilton Manors
 - Dania Beach
 - Hollywood
 - Hallandale Beach
- \$4.2M worth of safety and pedestrian improvements
- Worked with municipalities



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Timeline

August 2013	First Meeting with FRA.
November 2013	First workshop with municipalities along the FEC corridor. FDOT presented their initial Quiet Zone diagnostics.
March 2014	FEC Corridor Workshop with elected officials along the FEC corridor. The elected officials were informed of the Quiet Zone Process.
April 2014	Applied for a Transportation Investment Generating Economic Recovery (TIGER) Grant application for \$22 million worth of improvements spread over the two counties.
July 2014	Second workshop with municipalities along the FEC corridor. Discussed various Quiet Zone funding and construction options.
August 2014	FRA Quiet Zone Calculator Workshop. Rail expert from FRA presented the different options for creating a Quiet Zone which include installing SSMs on every crossing or targeting the crossings with the highest calculated risk.
September 2014	Finalized Quiet Zone Process. After working with the 8 municipalities, Broward County, FDOT, FRA and AAF, the Broward MPO resolved to target the intersections with the highest risk.
April 2015	AAF to begin construction.
May 2015	Hired TY Lin International as project consultant.
October 2015	Distribute materials to municipalities.
March 2016	Submit Notice of Intent to Federal Railroad Administration
2017	Submit Notice of Establishment Quiet Zone established.

ALL ABOARD FLORIDA/ “BRIGHTLINE”



- All Aboard Florida entered the field in 2012
- Spending \$60M of private money to add 2nd track and enhance safety at grade crossings:
 - Flasher lights aimed at each approaching travel lane
 - Main gates covering each travel lane in the direction of travel, perpendicular to the roadway in accordance with the MUTCD to provide maximum visibility to drivers
 - Bells
 - Pedestrian gates where defined sidewalks exist through the crossing, or coverage of the sidewalk by the main gates
 - Equipment located 4'9" from the roadway edge and 15' from the track centerline, where feasible
 - Predictors to establish a more consistent time elapsed from crossing activation to train arrival
 - Power-off indicators and event recorders
 - Roadway signage and pavement markings as appropriate according to the MUTCD

The desire for Quiet Zones

- Broward Municipalities considered creating quiet zones
 - Hire design firm
 - Pay for easement from RR
 - Pay for RR engineer to review plans
 - Hire construction firm
 - Pay fees to RR for flagging, etc
- Individual cities approached MPO for assistance
- MPO decided to act as central clearing house
- MPO is funding incremental cost to achieve a Quiet Zone. AAF is designing and constructing

What is a Quiet Zone?

- A **Quiet Zone** is governed under the Train Horn Rule (49 CFR Part 222), locomotive engineers must begin to sound train horns at least 15 seconds, and no more than 20 seconds, in advance of all public grade crossings.
- Effectively the one safety feature (train horn) is supplemented by one or more other safety features.
- Safety is equivalent, or better, and **quality of life** near train tracks increases.

Elements of a Quiet Zone

- Supplemental Safety Measures (SSM)
 - Four Quadrant Gate System
 - Gates with Medians
 - Gates with Channelization
 - One Way Street with Gate(s)
 - Close (permanently) Railroad Crossing
 - Close (temporarily) Railroad Crossing
- Connectivity is not an element
 - Does not have to connect to local ROW
 - Easier to tie ped features to existing, safe crossing



Designing the Quiet Zone

- Use the FRA Quiet Zone Calculator
- Targeted High Risk Intersections
 - Risk index greater than 100,000.
 - Applied medians where the geometry allowed.
 - Applied 4 quadrant gates.
- Pedestrian connectivity was not a factor but the improvements nonetheless improve pedestrian safety and access!

Update and Verify Crossing Information CONTINUE

Zone: **TEST ZONE 1**
Pre-Rule Quiet Zone? No

521072S COLUMBUS ST
521073Y WASHINGTON ST
521076U *NO NAME
521077B MCMASTER ST
521078H SEYMOUR ST
521079P STATE ST
521080J PERRINE ST
521081R NORTH ST
521082X *MUTTON HILL RD.
521083E ST-5
521084L *MILLERS ROAD
521085T DEPOT-MUNSON RD
521087G BAKER ROAD
521088N COTTAGE ST

* = Not Public At Grade Crossing

☐ To verify ALL CROSSING INFORMATION PROVIDED is correct, click on the check box here.

ADD CROSSING DELETE CROSSING

521077B MCMASTER ST

Present warn device: **Crossbucks** Crossbucks

Number of highway vehicles per day: **001082** 1082

Number of trains per day: **1** 1

Number of trains per day during daylight: **0** 0

Number of main tracks: **1** 1

Highways paved: **Yes** Yes

Maximum timetable speed mph: **10** 10

Number of highway lanes: **2** 2

Number of years accident data: **5** 5

Number of accidents in accident data years: **0** 0

UPDATE

Note: Updating Crossing information on the Quiet Zone Calculator **DOES NOT** update the crossing inventory. Be sure that an updated inventory form is also submitted.

Municipality	Street	Risk Index BEFORE SSM	SSM	Risk Index AFTER SSM	Change
Deerfield Beach	S.E.4TH ST.	146,258	Quad Gates	26,326	-119,932
Deerfield Beach	S.W.15TH ST.	160,078	Quad Gates	28,814	-131,264
Deerfield Beach	SAMPLE RD	<div> <div>Summary</div> <div> <div>Proposed Quiet Zone:</div> <div>Broward County</div> <div>Preexisting SSM</div> </div> <div> <div>Type:</div> <div>New 24-hour QZ</div> </div> <div> <div>Scenario:</div> <div>Broward Co_44716</div> </div> <div> <div>Estimated Total Cost:</div> <div>\$1,865,000.00</div> </div> <div> <div>Nationwide Significant Risk Threshold:</div> <div>14347 .00</div> </div> <div> <div>Risk Index with Horns:</div> <div>92095.56</div> </div> <div> <div>Quiet Zone Risk Index:</div> <div>73210.75</div> </div> <div> <div>Select</div> </div> </div>		67,359	-306,860
Pompano Beach	Atlantic Blvd / NW 3			23,946	-109,090
Oakland Park	N.E. 38TH ST.			34,691	-158,038
Oakland Park	OAKLAND PARK BLVD			22,343	-101,785
Wilton Manors	N.E. 26TH ST.			42,432	-169,729
Fort Lauderdale	N.E. 3RD AVE			37,077	-168,910
Fort Lauderdale	N.ANDREWS AVE			58,746	-267,623
Fort Lauderdale	N.W. 6TH ST.			29,715	-135,371
Fort Lauderdale	N.W. 4TH ST.			11,053	-45,673
Fort Lauderdale	N.W. 2ND ST.			0	-58,406
Fort Lauderdale	S.W. 2ND ST.			26,130	-119,040
Fort Lauderdale	S.W. 9TH ST.			11,396	-45,587
Fort Lauderdale	S.W. 12TH ST.			43,370	-173,481
Fort Lauderdale	S.W. 15TH ST.	62,086	Medians	12,417	-49,669
Dania Beach	S.W. 2ND ST.	113,577	Quad Gates	20,443	-93,133
Hollywood	HOLLYWOOD BLVD	114,467	Quad Gates	20,604	-93,863
Hallandale Beach	HALLANDALE BLVD	115,681	Quad Gates	20,822	-94,859

Adding Pedestrian Access

- AAF made the offer to add pedestrian features including sidewalks and safety equipment.
- MPO had extra funding, so extended the offer to cities
 - MPO acted as the intermediary between AAF and cities
 - 6 cities responded
 - Mostly for economic development purposes where more ped crossing is expected as a result of future development.
- Advantageous because we are only funding design and construction.

Pedestrian Improvements

NE 3 rd St	Hallandale Beach	North and South	2 PED GATES, RELOCATE 1 GATES
SE 3 rd St	Hallandale Beach	North and South	2 PED GATES, RELOCATE 1 GATES
Hallandale Beach Blvd	Hallandale Beach	Reconstruction of existing	SWKS ONLY
Pembroke Rd	Hallandale Beach	Reconstruction of existing	SWKS ONLY
NE 17 th	Ft Lauderdale	North and South	2 PED GATES, RELOCATE 2 GATES
SW 5 th	Ft Lauderdale	North and South	2 PED GATES, RELOCATE 2 GATES
SW 6 th	Ft Lauderdale	North and South	2 PED GATES, RELOCATE 2 GATES
SW 7 th	Ft Lauderdale	North and South	2 PED GATES, RELOCATE 2 GATES
SW 9 th	Ft Lauderdale	North and South	2 PED GATES
Floranada Road	Oakland Park	North	1 PED GATES
24 th Street	Wilton Manors	North and South	2 PED GATES, RELOCATE 1 GATES
Old Griffin Road	Dania Beach	South Side	1 Ped Gate
Taft Street	Hollywood	South Side	SWKS ONLY
Johnson Street	Hollywood	North and South	Relocate Ped Gates
Tyler Street	Hollywood	North and South	SWKS ONLY
Hollywood Blvd	Hollywood	Reconstruction of existing	Relocate Ped Gates
Monroe Street	Hollywood	North and South	Relocate Ped Gates
Washington Street	Hollywood	North and South	Relocate Ped Gates

Quiet Zone Application

- **Lead City – City of Hollywood**
 - Joined by – Deerfield Beach, Pompano Beach, Oakland Park, Wilton Manors, Fort Lauderdale, Dania Beach, Hallandale Beach, Broward County
- Sample resolutions will be provided to staff
- Working with FRA and our consultant, TY Lin, to ensure all of the proper paperwork is filed.









CITY OF FORT LAUDERDALE STRATEGIC MANAGEMENT SYSTEM
FL²STAT- our approach to exponential improvement

Structural Innovation Division - ISO 9001 Implementation Update

November 17, 2015





CITY OF FORT LAUDERDALE STRATEGIC MANAGEMENT SYSTEM

Structural Innovation Team





CITY OF FORT LAUDERDALE STRATEGIC MANAGEMENT SYSTEM

Major Projects

- *Fast Forward* and *Press Play* Implementation
- Commission Annual Action Plan (Priorities for FY16)
- FL²STAT and Cylinder Team Facilitation
- Department Business Plans
- Performance Management
- Strategic Software Administration
- Benchmarking
- Neighbor Survey
- Process Improvements
- Digital Signage
- What Works Cities (Bloomberg Philanthropies)
- ICMA, National League of Cities, Institute of Industrial Engineers
- ISO 9001 Certification





CITY OF FORT LAUDERDALE STRATEGIC MANAGEMENT SYSTEM

Agenda

- ISO 9001 Certification Purpose and Benefits
- FL²STAT – Our Approach
- Progress
- Key Themes
- Next steps
- Q/A



CITY OF FORT LAUDERDALE STRATEGIC MANAGEMENT SYSTEM

What is ISO 9001?

- International Organization for Standardization (ISO)
 - ✓ ISO = Latin for “equal”
- **Management system** refers to how an organization manages processes, or activities, so products and services meet identified objectives, including:
 - ✓ Satisfying the customer's quality requirements; or
 - ✓ complying with regulations





CITY OF FORT LAUDERDALE STRATEGIC MANAGEMENT SYSTEM Certification Purpose and Results

- Build a culture of quality
- Well defined/documentated procedures improve consistency
- Poor service is identified earlier and is corrected at a lower cost or prevented altogether
- Continual improvement



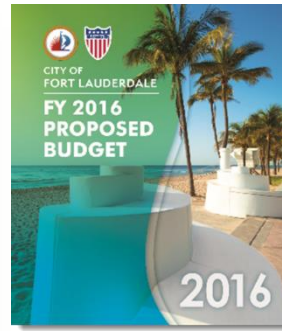
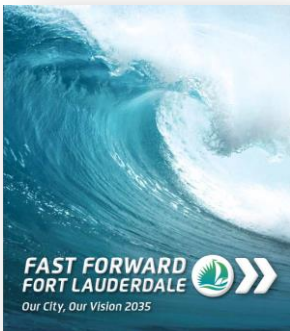


CITY OF FORT LAUDERDALE STRATEGIC MANAGEMENT SYSTEM

FL²STAT

FL²STAT is how we:

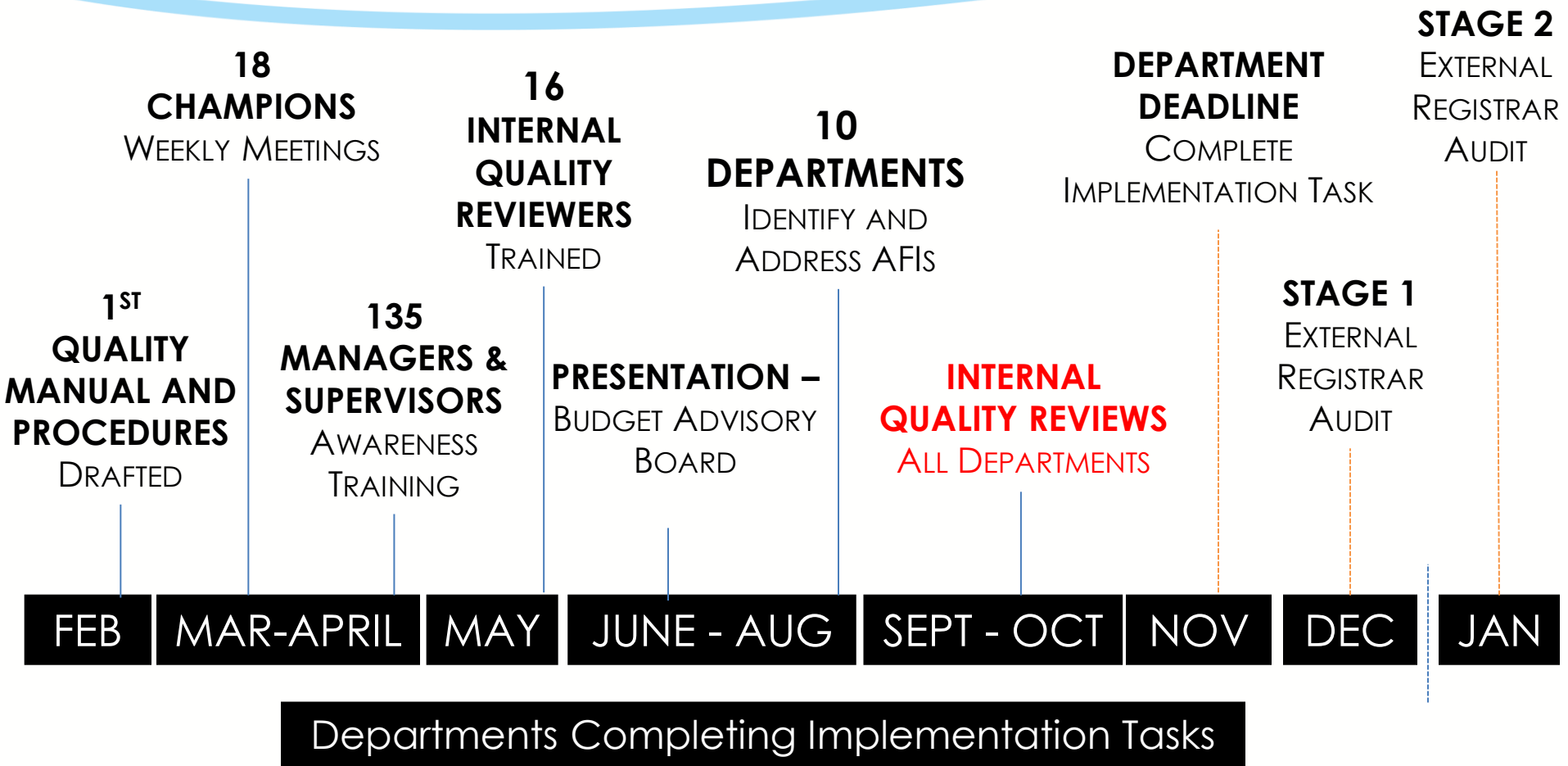
- Demonstrate **ability to consistently provide services that meets neighbor requirements;**
- enhance customer satisfaction through the effective application of the system, including **processes for continual improvement.**





CITY OF FORT LAUDERDALE STRATEGIC MANAGEMENT SYSTEM

Progress to Date





CITY OF FORT LAUDERDALE STRATEGIC MANAGEMENT SYSTEM

Benefits – Complaint Management

- Implemented in May 2014 by Public Works Dept.
 - Onboarding departments with no complaint system

77,274 entries
94% Closure Rate





CITY OF FORT LAUDERDALE STRATEGIC MANAGEMENT SYSTEM

Benefits – Vendor Evaluations

- Working to develop methodology and procedure to track and document vendor/supplier performance
 - Foster “Win-Win” Relationships

Vendors Identified: 358





- Registrar Certification Audit
 - Stage 1: December 8 - 9
 - Stage 2: January 2016
- Continual Improvement





CITY OF FORT LAUDERDALE STRATEGIC MANAGEMENT SYSTEM

Benefits – Connection to “We Build Community”





CITY OF FORT LAUDERDALE STRATEGIC MANAGEMENT SYSTEM

FL²STAT- our approach to exponential improvement

THANK YOU!

Questions?



CANAL DREDGING MASTER PLAN

Department of Public Works – City of Fort Lauderdale

NOVEMBER 17, 2015

CURRENT CITY CANAL SYSTEM

- **Navigable Canals**
- **Navigation Restricted**
- **Drainage Canals**
- **Natural Rivers Excluded**
- **Intracoastal Excluded**

PRESENTATION AGENDA

- **Why is canal dredging important?**
- **Background**
- **Current challenges**
- **Comprehensive canal assessment**
- **Dredging master plan costs**
- **Funding options**
- **Q & A**

WHY IS CANAL DREDGING IMPORTANT?

**Allows Safe Navigation of
Vessels Through Canal
System**



Luna Canal at Las Olas Isles

**Maintains Proper Depth of
Canals at Stormwater
Outfalls**



North Fork New River –Progresso

WHY IS CANAL DREDGING IMPORTANT?

**Supports a Thriving
Marine and Recreation
Industry**



Harbor Isles

**Fosters
Unpolluted
Waterway
Environments**



Canal estuary – Progresso

BACKGROUND

CANALS INVENTORY

OWNER	CANAL MILES
CITY	65
STATE (FDEP)	35
BROWARD COUNTY	1
SOUTH FLORIDA WATER MANAGEMENT DISTRICT (SFWMD)	5
FDOT	1
PRIVATE (Property Owners/HOA's)	8
TOTAL	115

BACKGROUND

CITY CANALS

CLASSIFICATION	CANAL MILES
OPEN ACCESS ¹	43
RESTRICTED ²	12
DRAINAGE ³	10
TOTAL	65

Notes:

1. Open Access = Navigable Canals with Intracoastal Access
2. Restricted = Navigation restricted by Low Fixed Bridges (< 6 feet)
3. Drainage = Canals or Culverts used for drainage only

BACKGROUND RELATED ORDINANCE

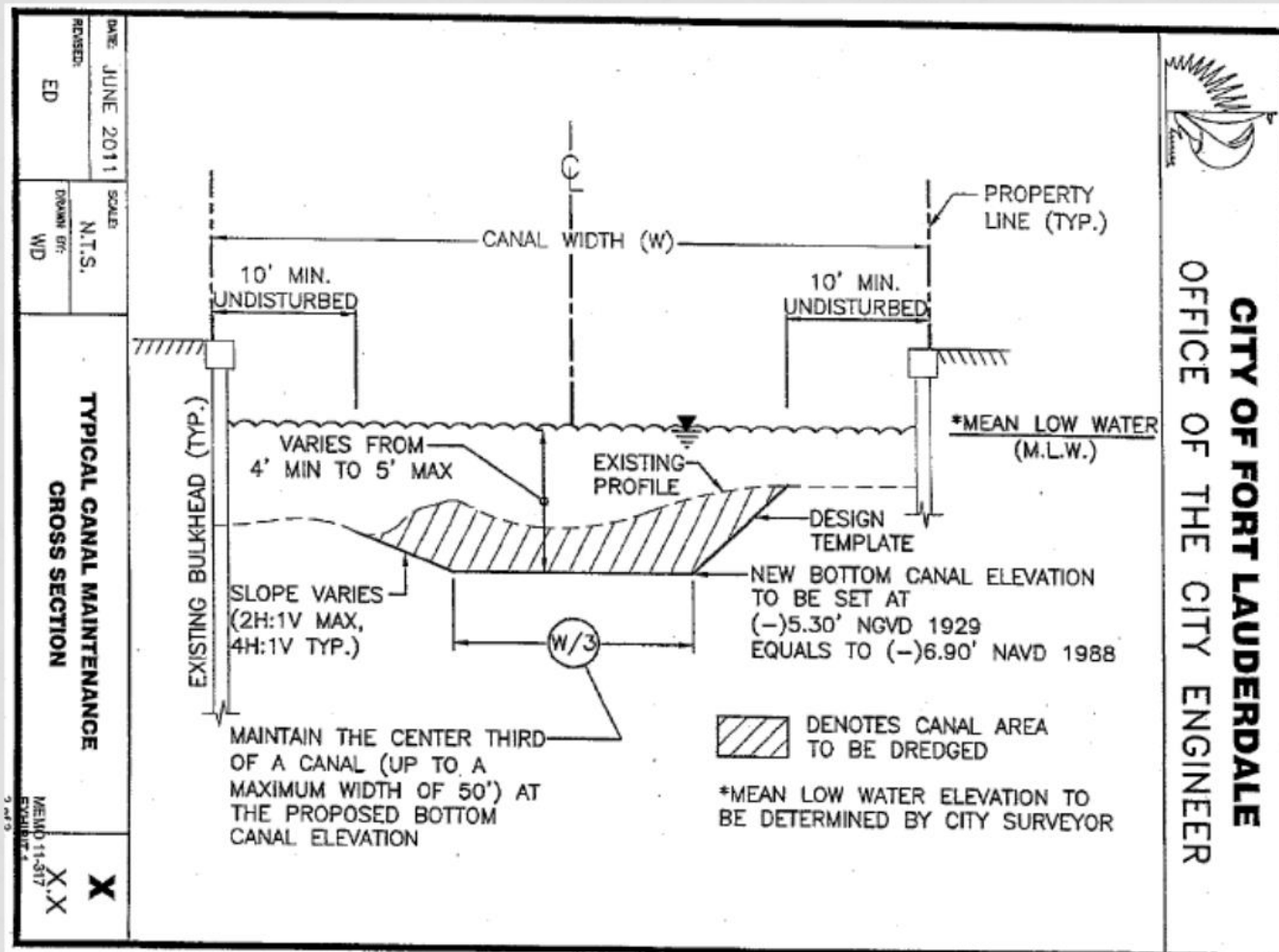
- Chapter 8, Article II, Section 8-34 states:

*“The Marine Advisory Board (MAB) may consider any subject matter it considers appropriate; and in addition, it’s specifically directed to consider and make recommendations on the **conditions of waterways and needed corrections**, including a study of the **most feasible and economical method of maintaining the depths of waterways within the city.**”*

BACKGROUND

CANAL DREDGING CRITERIA

- 2011 MAB Accepted Canal Dredging Criteria (CAR 11-1705):



BACKGROUND

WHAT OTHER COMMUNITIES ARE DOING

ITEM	FORT LAUDERDALE	FORT PIERCE	POMPANO	LIGHT HOUSE POINT	MIAMI BEACH, DEERFIELD, NORTH MIAMI, BOCA
SIMILAR DREDGING CRITERIA	X	X	X	X	X
USE GENERAL FUND	X	X	X	X	X
DREDGE APPROACH ON A CASE BY CASE BASIS	X	X	X	X	X

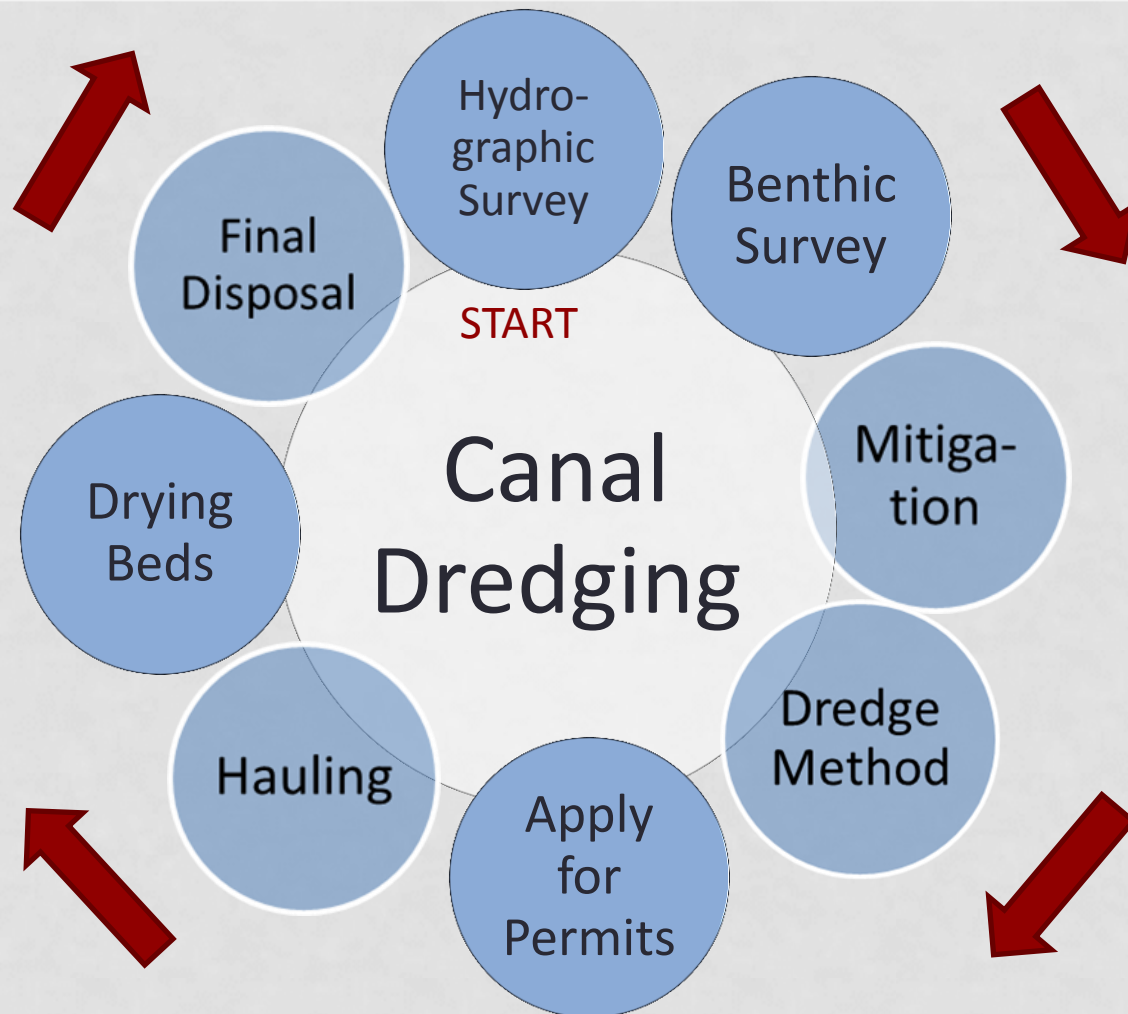
BACKGROUND

WHAT OTHER COMMUNITIES ARE DOING

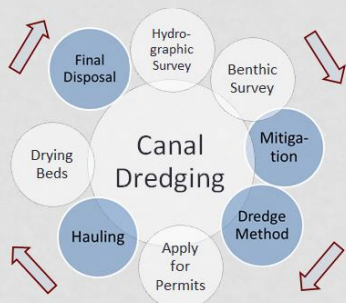
ITEM	JACKSON -VILLE	NAPLES	ST. PETERS- BURG	TAMPA	PUNTA GORDA	PUNTA GORDA SEAWALL/DR EDGING
SPECIAL ASSESSMENTS	X	X	X		X	X
TAXING DREDGING DISTRICTS	X	X			X	
FUNDING ASSISTANCE THROUGH WATER DISTRICT				X		

CHALLENGES

COMPLICATED DREDGING LIFE CYCLE



CHALLENGES: COMPLICATED DREDGING LIFE CYCLE HYDROGRAPHIC SURVEY



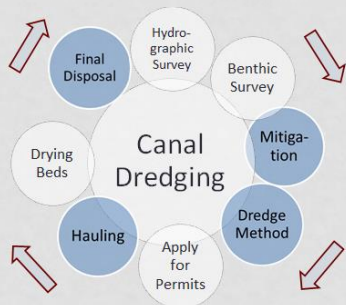
Multiple Surveys Needed:

Planning, Design, Pre-construction,
Post-construction, Mitigation

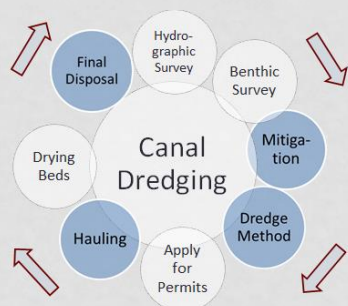
CHALLENGES: COMPLICATED DREDGING LIFE CYCLE BENTHIC SURVEY



**Benthic Surveys are only accepted between
April 1 – August 30**



CHALLENGES: COMPLICATED DREDGING LIFE CYCLE MITIGATION



CHALLENGES: COMPLICATED DREDGING LIFE CYCLE

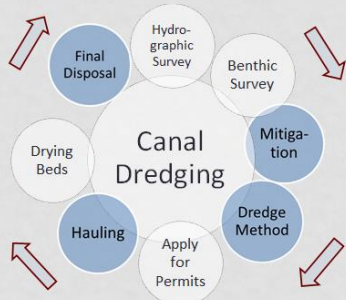
DREDGING METHOD



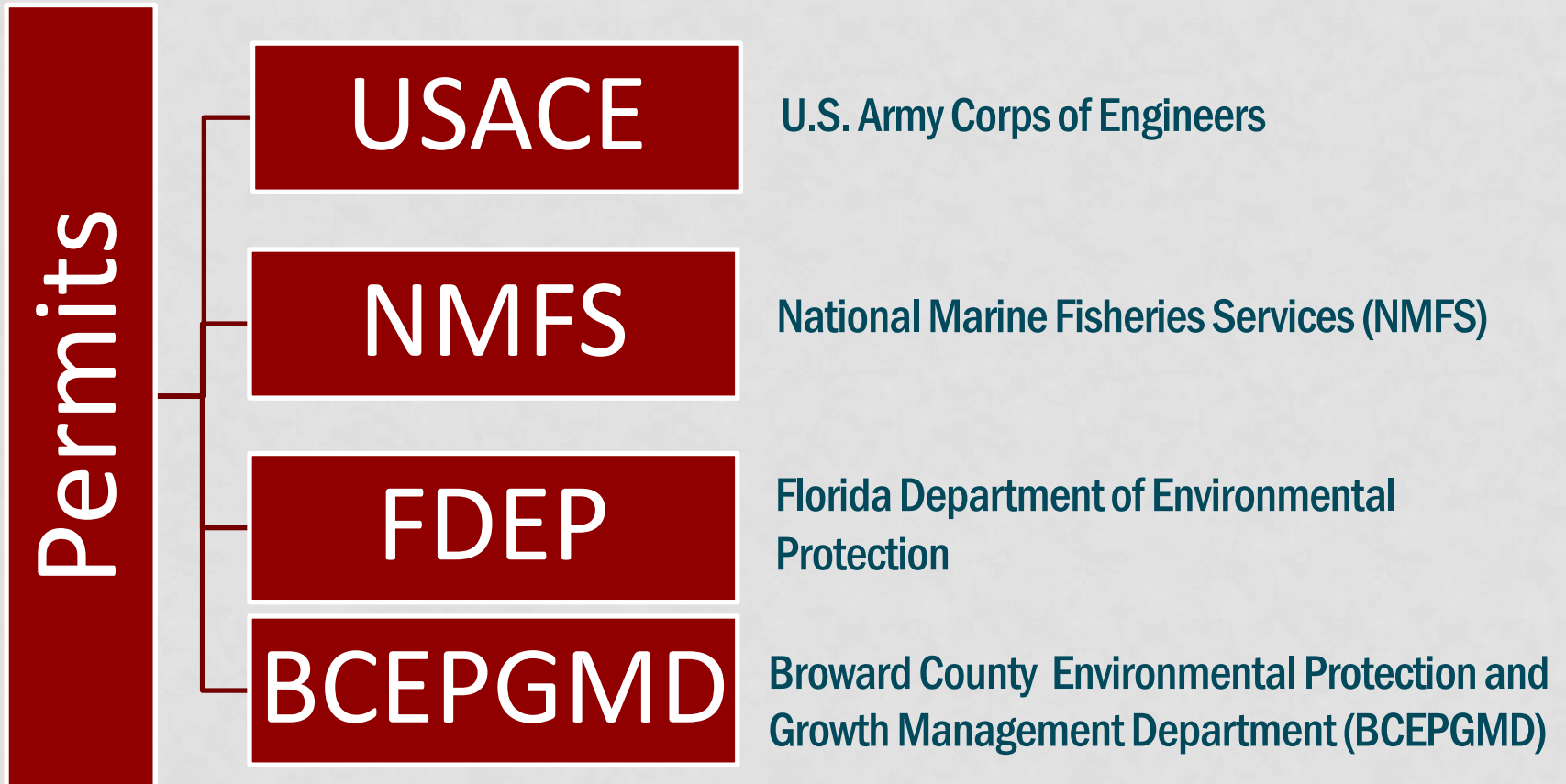
**Hydraulic
Dredging**



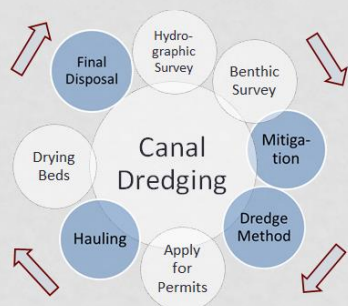
**Mechanical
Dredging**



CHALLENGES: COMPLICATED DREDGING LIFE CYCLE ENVIRONMENTAL PERMITTING

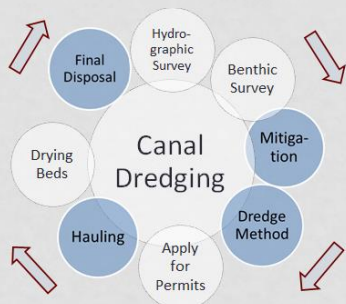


CHALLENGES: COMPLICATED DREDGING LIFE CYCLE HAULING

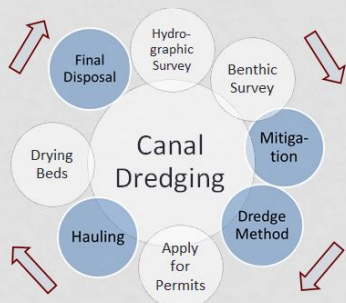


CHALLENGES: COMPLICATED DREDGING LIFE CYCLE

DRYING BEDS



CHALLENGES: COMPLICATED DREDGING LIFE CYCLE FINAL DISPOSAL



PRESS PLAY FORT LAUDERDALE

STRATEGIC PLAN 2018

COMPREHENSIVE CANAL ASSESSMENT

Infrastructure Goal # 2

Be a sustainable and resilient community

Objective # 1

Proactively maintain our water, wastewater, road and bridge infrastructure

Strategic Initiative

Conduct an analysis of canal dredging needs and examine funding scenarios

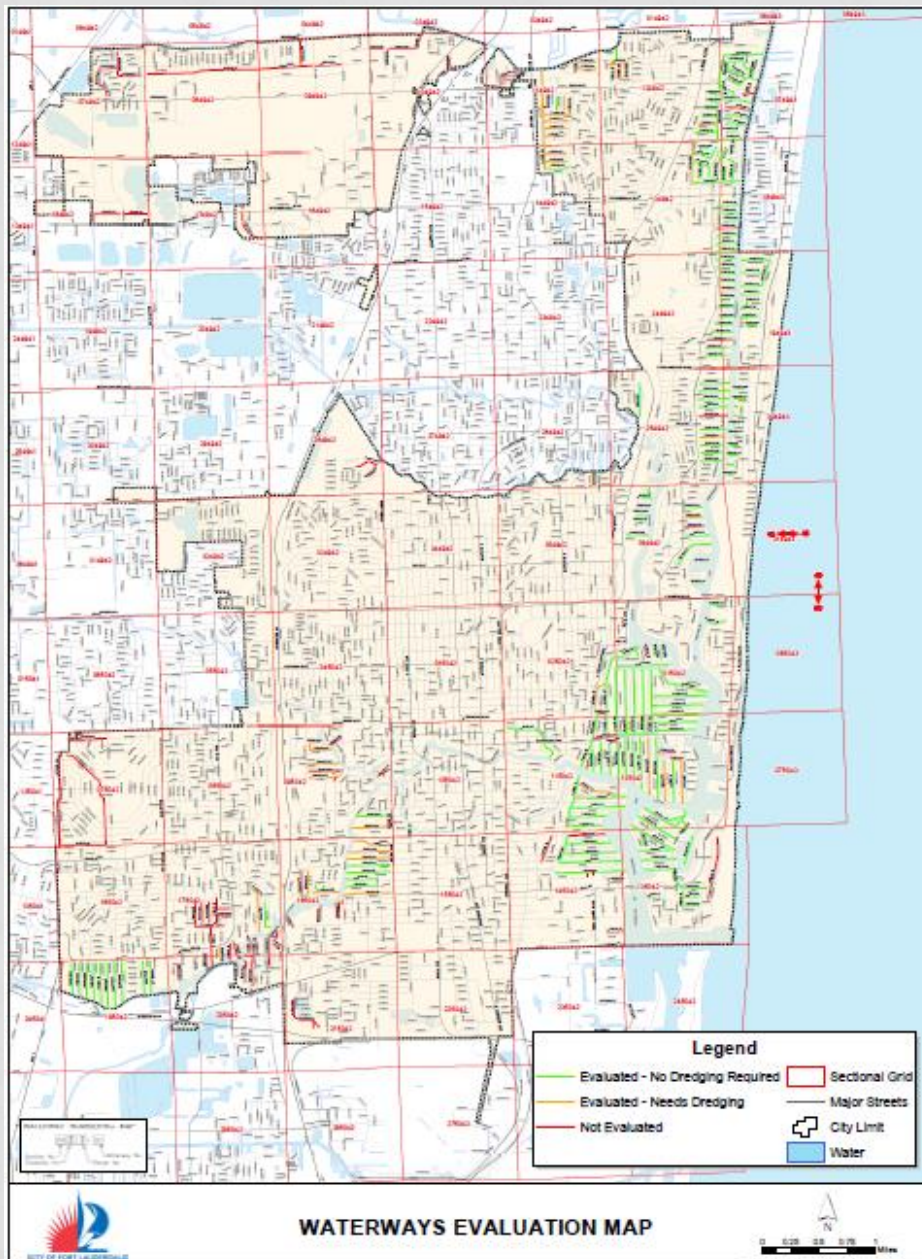
CAAP High Priority

Comprehensive Canal Dredging Master Plan

COMPREHENSIVE CANAL ASSESSMENT

DELIVERABLES:

1. New GIS Waterways Database
2. Canal Maps
3. Comprehensive Engineering Report



COMPREHENSIVE CANAL ASSESSMENT SNAP SHOT

Unknown dredge needs:

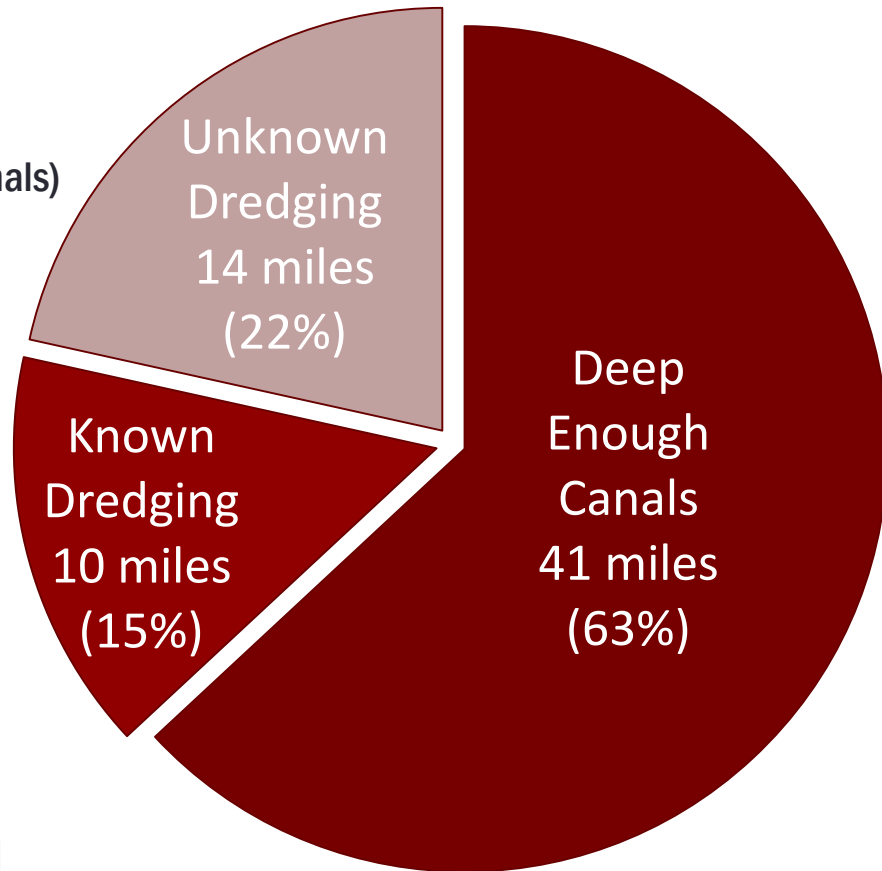
- 8 miles (navigable)
- + 6 miles (drainage)
- = 14 miles (of un-surveyed canals)

Unknown dredge forecast:

- 40% (5.6 miles) will need dredging
- Survey Cost: \$0.50 M
- Design & permit: \$0.50 M
- Const. Cost: \$2.24 M
\$3.24 M

Known dredging needs:

- 10 miles (navigable)
- Design & Permit: \$1.01 M
- Const. Cost: \$3.73 M
\$4.74 M



■ No Dredging
Required
Cost =\$0

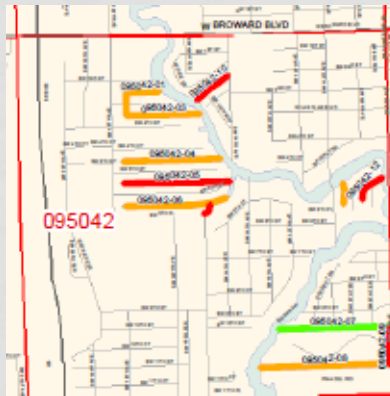
Total cost of master plan (forecast of unknown + known dredge needs) = \$3.24 M + \$4.74 = \$8.0 M (Rounded)

COMPREHENSIVE CANAL ASSESSMENT

NEIGHBORHOODS WITH DREDGING NEEDS (10 MILES)



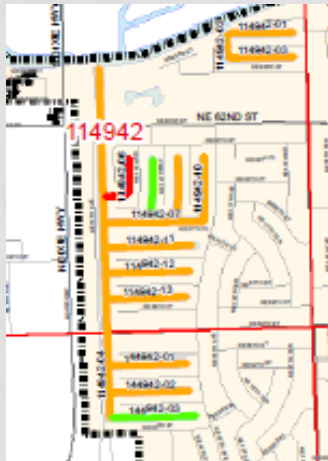
River Oaks, Shady Banks,
Riverland Neighborhoods (2.5 miles)



Riverside Park,
Tarpon River Neighborhoods (1.75 miles)



Rio Vista, Las Olas Isles
Neighborhoods (1.90 miles)

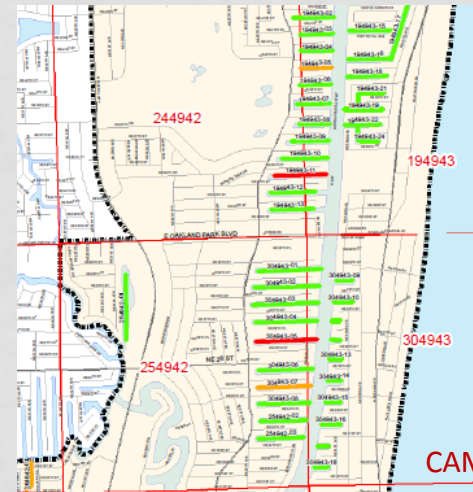


Coral Ridge Isles
(2.72 miles)

**YELLOW
CANALS
DENOTE
DREDGING
NEEDS.**



Imperial Point & Adjacent Neighborhoods (1.53 miles)



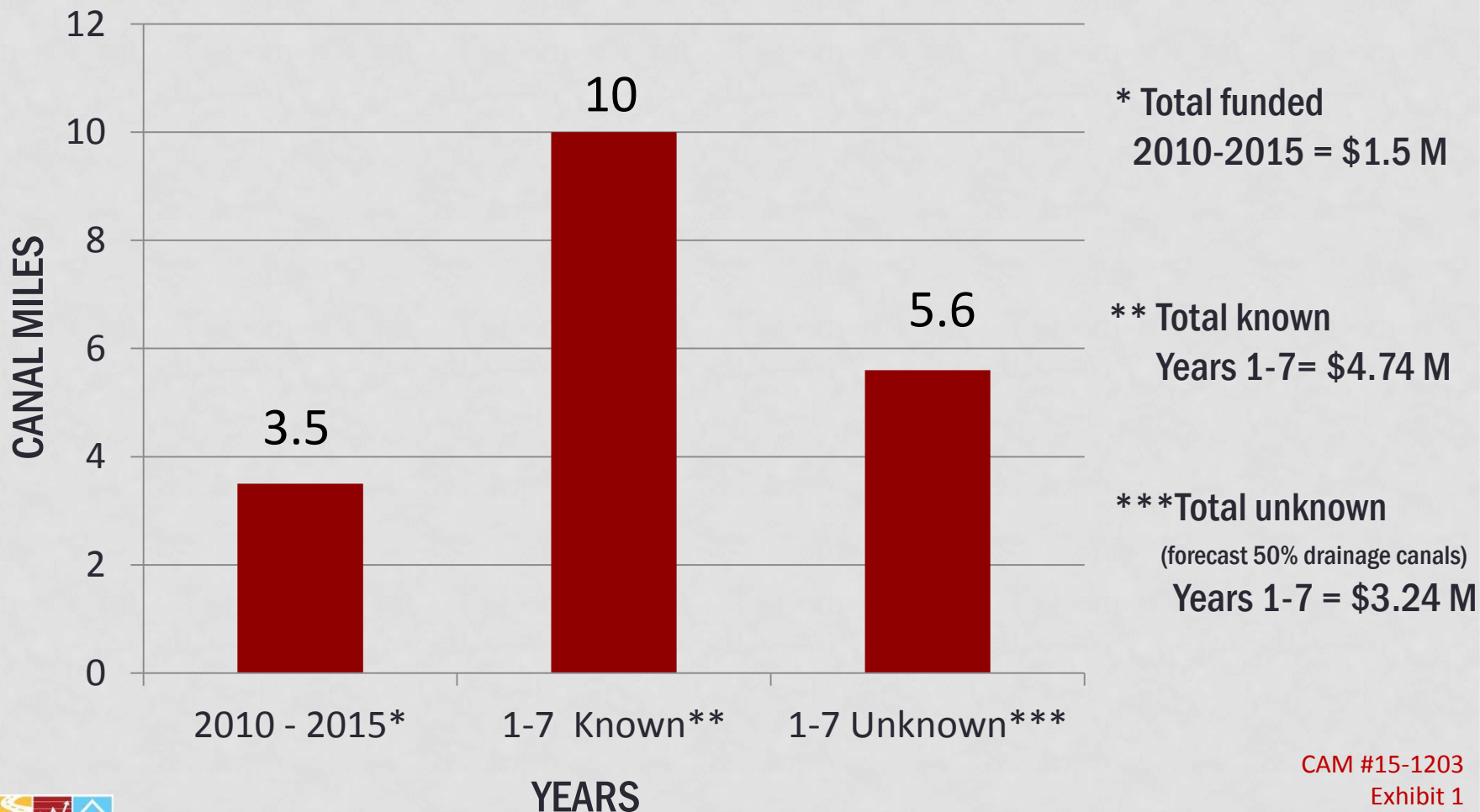
CANAL DREDGING MASTER PLAN: FINANCIAL SUMMARY

Year	Description	Cost
1	Survey canals of <u>unknown</u> dredge needs	\$0.50 M
1	Design & permit of <u>known</u> dredge needs	\$1.01 M
2	Design & permit <u>unknown</u> needs	\$0.50 M
3 - 7	Construction: known (\$3.72 M) & unknown (\$2.24 M)	\$5.96 M
	TOTAL 7-YEAR MASTER PLAN	\$8.0 M* (Rounded)

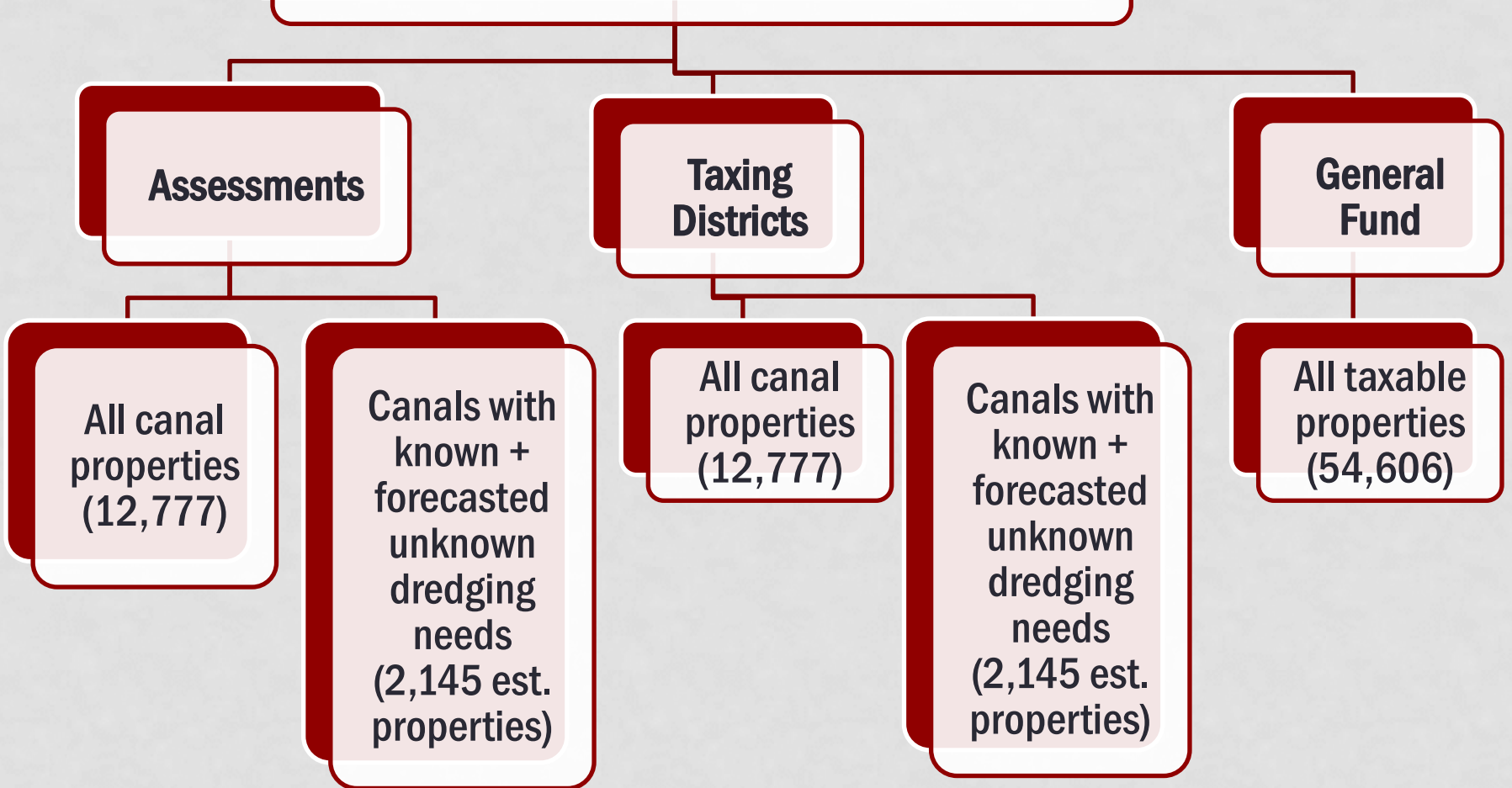
Footnote:

- **7-Year Master Plan Yearly cost = \$1.142 M.**

CANAL DREDGING MASTER PLAN: PAST WORK & FUTURE DREDGING NEEDS



Canal Dredging Funding Options



ASSESSMENTS

PROS:

- Tailored to a specific group
- Benefited parties are easy to identify
- May assess government and other non-taxable properties

CONS:

- Higher cost per property than General Fund option
- Applies to cost of known work only
- A direct benefit must be demonstrated
- Collection method more complicated; includes property liens to violators
- Financial consultant defines appropriations methodology
- Lengthy process
- Public hearings/ mailing required by Florida Statute

TAXING DISTRICTS

PROS:

- A direct benefit does not need to be demonstrated
- Can be tailored to specific neighborhoods or areas
- It can be used for repetitive dredging needs
- Canal sanitation costs can be included
- Simplification of collection of fees

CONS:

- Higher cost per property when compared to General Fund option

FUNDING OPTIONS

Assess/tax all canal properties in City limits:

- 12,777 properties
- 607,200 feet of total property canal frontage
- 7-Year master plan total cost = \$8.0 M (\$1.142 M/Yr)
- Annual assessment per linear feet = \$1.88/Ft

AVERAGE COST PER HOME

CANAL FRONTAGE	ANNUAL COST/FOOT	ASSESSEMENT
50	1.88	94
60	1.88	113
75	1.88	141
80	1.88	150
100	1.88	188
150	1.88	282

NEXT STEPS

1. Determine funding source
2. Task financial consultant with assessment rate study
3. Implement methodology to initiate fund
4. Collect revenue
5. Initiate 7-year master plan

