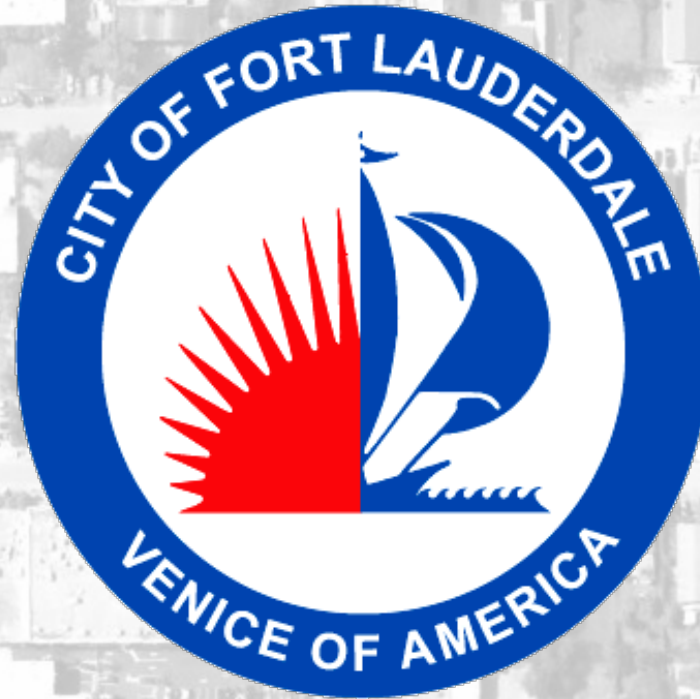


NW 7th Avenue & NW 9th Avenue Connector Roadway



NW 7TH AVE

**Presentation By
Public Works and Transportation & Mobility
March 5, 2013**

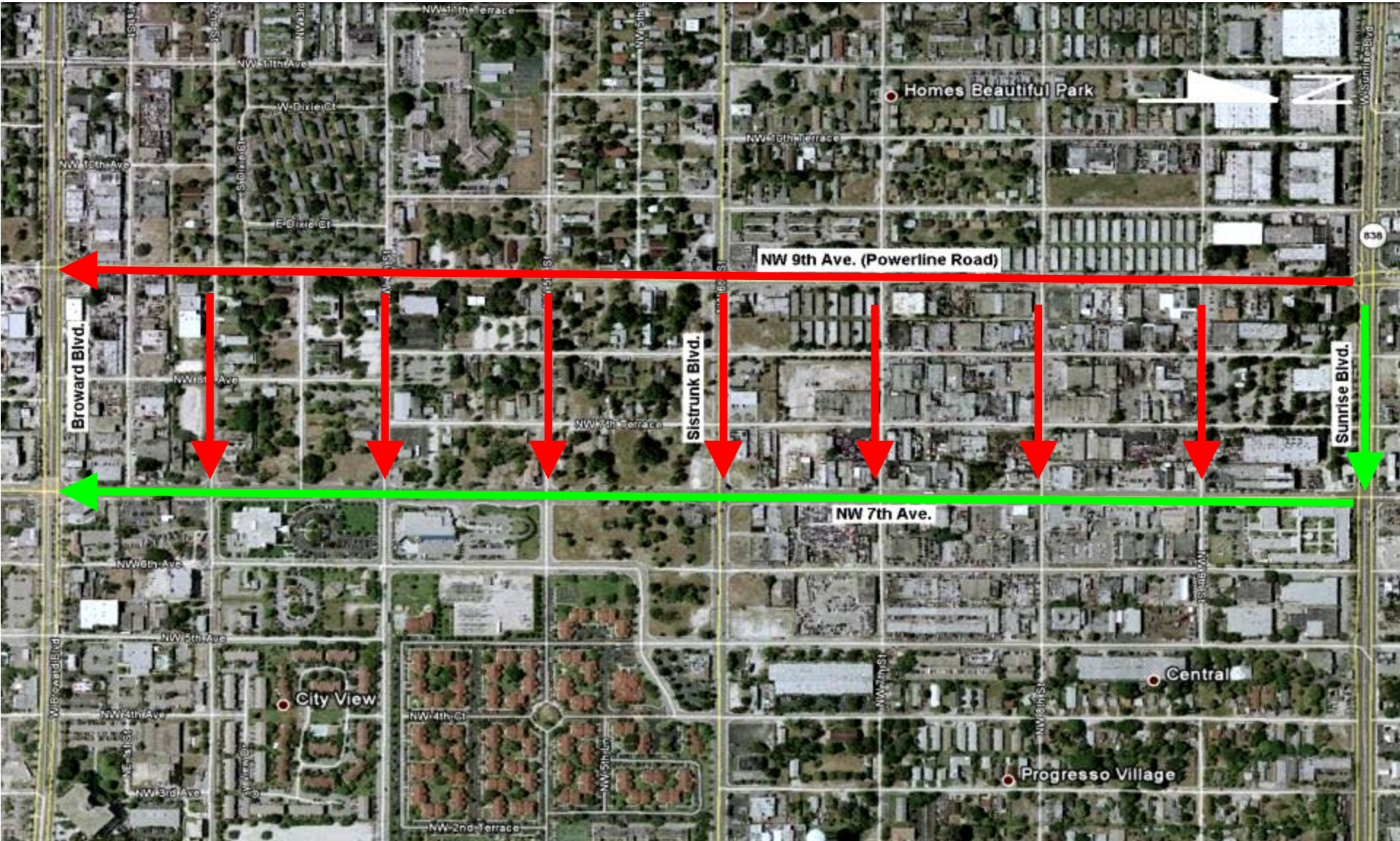
Objectives

- Present Project Background
- Summarize Work Completed to Date
- Present Funding and Cost to Complete the project
- Review Project Alternatives

NW 7TH AVE



Purpose - Neighborhood Cut-Through Traffic



Purpose - Skewed Traffic Flow



Project Background – Project Limits



Project Background

- PD&E was completed in 2003.
- In 2008, RJ Behar was issued NTP to produce 60% plans based on approved PD&E.
- Based on PD&E, FDOT estimated ROW costs to be approximately \$110 million.
- City requested that the footprint be re-aligned & reduced to decrease ROW cost.
- New alignment shown in 60% plans has reduced ROW cost from \$110 million to \$34 million.

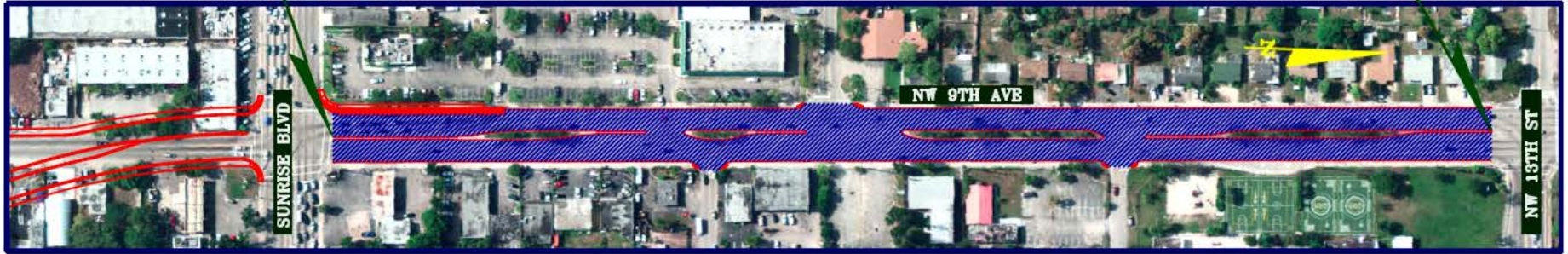
NW 7TH AVE



Basis of Design - Milling & Resurfacing

BEGIN MILLING
STA 92+90.00

END PROJECT
END MILLING
STA 111+00.00



BEGIN PROJECT
BEGIN MILLING
STA 30+31.13

BEGIN MILLING
STA 37+28.52



END MILLING
STA 35+83.26

END MILLING
STA 62+74.48

BEGIN MILLING
STA 63+95.47

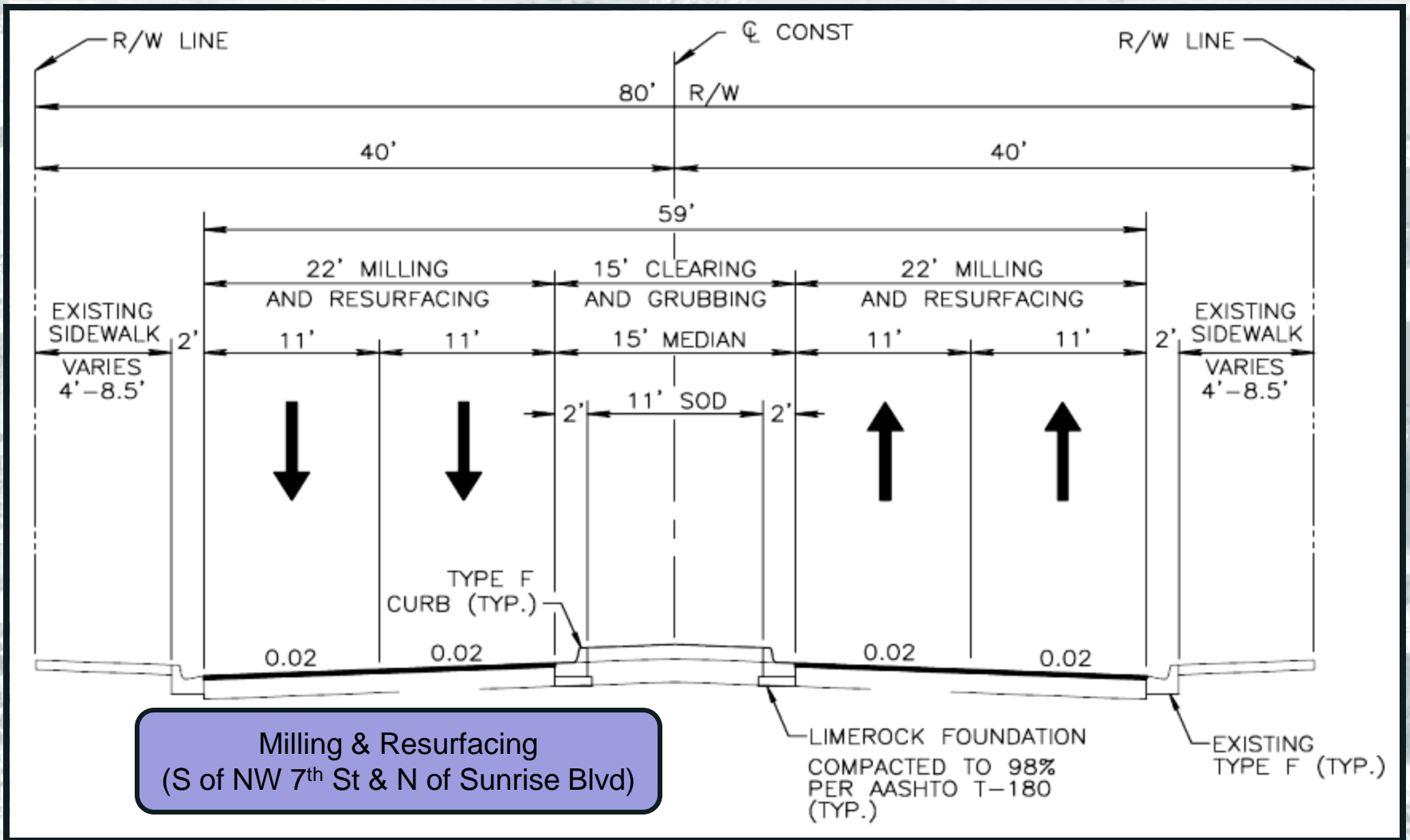
END MILLING
STA 69+90.12



LEGEND:
WIDENING
MILLING



Basis of Design - Proposed Typical Sections

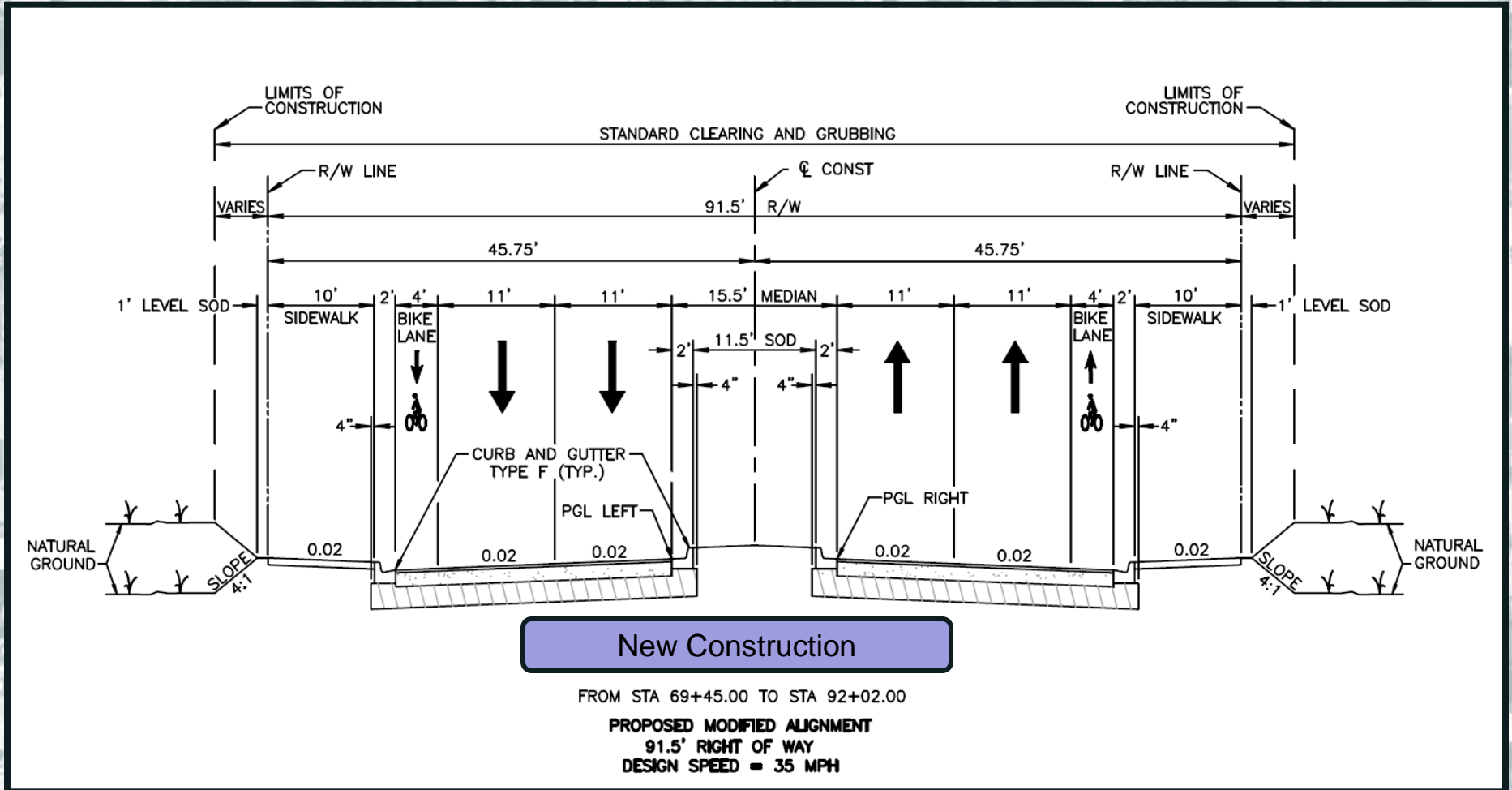


NW 7TH AVE



Basis of Design - Proposed Typical Sections

NW 9TH AVE



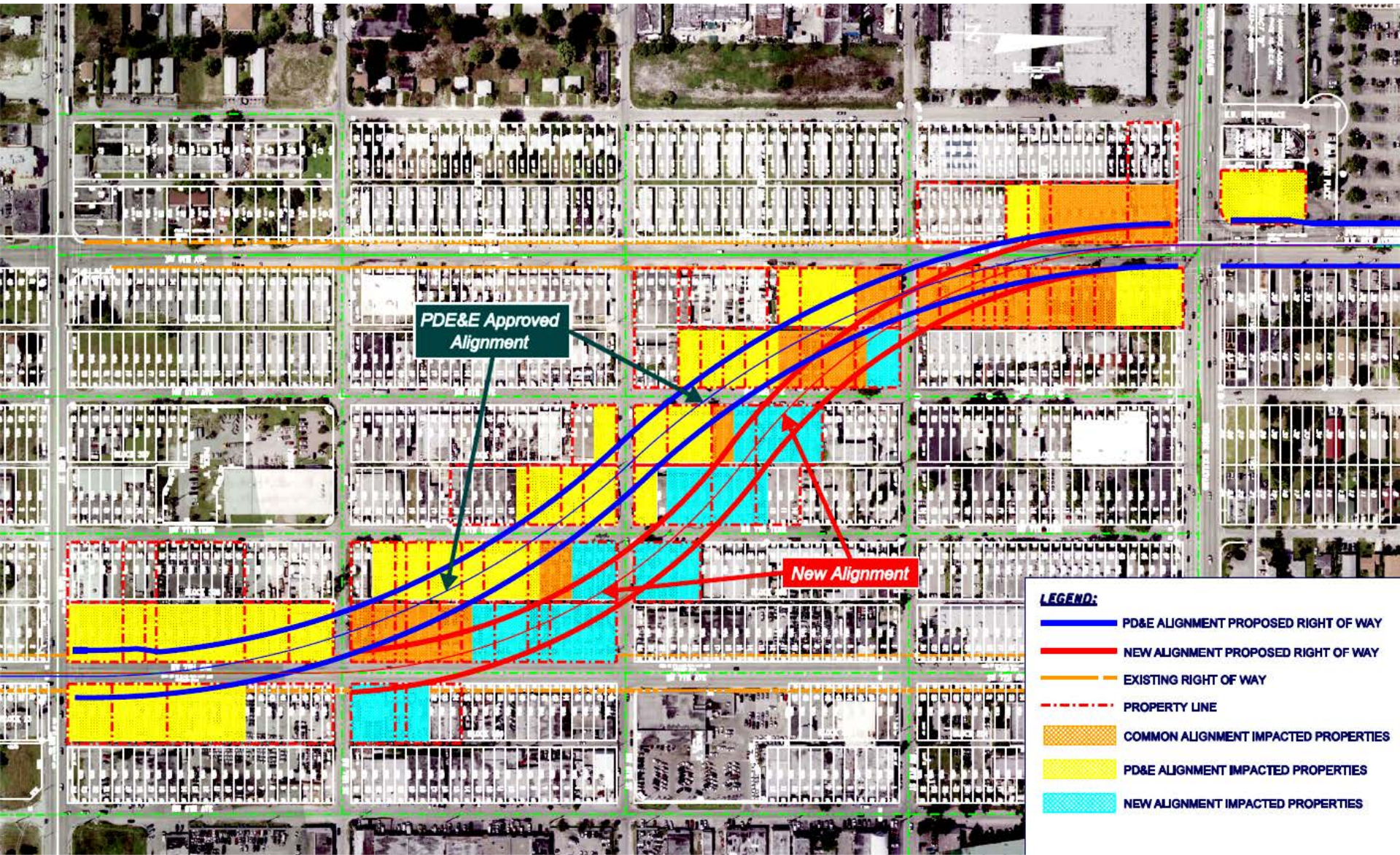
New Construction

FROM STA 69+45.00 TO STA 92+02.00

PROPOSED MODIFIED ALIGNMENT
91.5' RIGHT OF WAY
DESIGN SPEED = 35 MPH

NW 7TH AVE

Alignment Comparisons



ROW Estimate Comparisons

DISTRICT 4 2009 RIGHT OF WAY COST ESTIMATE

DISTRICT 4 2011 RIGHT OF WAY COST ESTIMATE

Date: November 4, 2009
To: Ron Wallace/Arleen Dano Project Managers
From: Thomas Stepp, Cost Estimate Manager
By: John Panos
Copies: S. Miller-Novello, J. Wolf, D. Forte, A. Adams
 C. Balogh, W. Taylor, V. Neilly, V. Ramos, M. Rodwell, C. Balderes, Records

Date: June 24, 2011
To: Ron Wallace/Arleen Dano Project Managers
From: Thomas Stepp, Cost Estimate Manager
By: Thomas Stepp
Copies: S. Miller-Novello, J. Wolf, D. Forte, A. Adams, Leslie Wetherell, Cassandra Lamey
 C. Balogh, W. Taylor, V. Neilly, V. Ramos, M. Rodwell, C. Balderes, Records

FM Number: 2307261
Fed. Project No.: n/a
County: Broward
State Road No.: NW 7th Ave/NW 9th Ave
Local Description: Realignment Connector

FM Number: 2307261
Fed. Project No.: n/a
County: Broward
State Road No.: NW 7th Ave/NW 9th Ave
Local Description: Realignment Connector

Totals > **\$107,725,962**

Totals > **\$33,807,950**

The current estimate, the previous estimate, and the phase differentials are listed below:

R/W Phase	* New * * Estimate *	Previous Est 08/20/07	Estimate Difference
4B	8,516,500	8,000,500	516,000
41	1,088,000	1,088,000	0
42	4,780,804	4,055,095	725,709
43	92,103,658	92,154,544	-50,883
45	1,237,000	1,207,000	30,000
Totals >	\$107,725,962	\$106,505,136	\$1,220,826

R/W Phase	Option 1 Flat Curve	Previous Est. 06/30/10	Estimate Difference	Feature	Count
4B	3,282,300	4,884,300	-1,602,000	Acquisition sf	286,933
41	672,000	600,000	72,000	Bsn Dmg Prcls	14
42	2,289,435	2,042,074	247,361	Bsn Dmg Claims	21
43	26,624,215	27,303,701	-4,679,486	Resdntl Relos	1
45	940,000	828,000	120,000	Business Relos	24
Totals >	\$33,807,950	\$39,650,075	-\$5,842,125	Demolitions	22

History: 08/20/99 11/24/04 08/21/06 08/20/07 07/31/08 11/04/09

History: 08/20/99 11/24/04 08/21/06 08/20/07 07/31/08 11/04/09 03/23/10 06/03/10 06/24/11

Confidence Level: Below Average. Old preliminary plans have been used.

Confidence Level: Below Average. Acquisition sizes have not been provided - scaled calculations have been used.

Comments: Phase 43 Land values for the majority of the parcels have been adjusted downward to reflect current economic conditions. This has been offset by the increased costs of the improvements. Phase 4B and Phase 42 have been increased due to the rising costs of these services.

Comments: The projected costs have been reduced since the previous estimate dated 06/03/10. Recent market data has indicated lower unit costs and some cost estimate factors have also been reduced. Hazardous waste costs have been removed from the project's Phase 4B category. Approximately 3.3 acres of water retention are included in the project. The pond design has been modified since the previous report. This has caused the parcel count to increase and it also has resulted in higher costs for Phase 41, Phase 42, and Phase 45.

PD&E APPROVED ALIGNMENT VS. PROPOSED MODIFIED ALIGNMENT

Work Completed to Date

1. Created re-evaluation report for the PD&E approved corridor
2. Set ground targets for photogrammetric survey
3. Collected photogrammetric survey
4. Coordinated with the utility companies
5. Performed public meeting
6. Performed alignment analysis
7. Produced 60% plans
8. Prepared construction cost estimates
9. Performed environmental screening for some properties
10. Performed public meeting

NW 7TH AVE



Remaining Work

1. Engineering

- Finalize Construction Documents
 - Reevaluation (Possible)
 - Possible need to re-survey
 - 100% Plans
- Specifications
- Utility Relocation Schedules
- FHWA Approval
- FDOT LAP Coordination
- ROW Acquisition Maps

2. Environmental

- Contamination Assessment & Remediation

3. Permitting

- Drainage
- Broward County Traffic

4. Construction



Estimated Cost to Complete Project

Engineering Design

Final Design	\$	400,000
New Survey	\$	25,000
Right-of-Way Acquisitions Maps	\$	475,000
Right-of-Way Acquisition*	\$	<u>34,000,000</u>
Total	\$	<u>34,900,000</u>

Pre- Construction

Contamination Screening	\$	325,000
Environmental Remediation (clean-up)	\$	<u>2,000,000</u>
Total	\$	<u>2,325,000</u>

Roadway Construction

\$ 6,500,000

*Note: This was based on previous analyses and needs to be reanalyzed.

Total Cost **\$ 43,725,000**

Available Funds & Expenditures

Grant Funding:

Federal Funds \$ 1,400,000.00

City Match* \$ 111,440.30

*Note: Matching requirement per Grant Agreement is \$200,000

Expenses to Date:

60% Design & Environmental Screening \$ 724,803.09

Reimbursements Received

Received \$ 720,036.49

Pending \$ 4,766.60

Remaining Balance \$ 786,637.20

**Repayment of Federal funds is required if ROW Acquisition
or Construction has not started by March 2016**



City's Transportation MPO Priority List

- Wave Streetcar (1)
- Broward Boulevards (2)
- Oakland Park Boulevards (3)
- US 441 (4), US 1 (5)
- Tri-Rail station projects (10)
- **NW 7th/9th Connector (13)**
 - **Priority 8 until July 14,2011**
 - **The \$5 million right-of-way acquisition funds from the FDOT work program have been removed**
- Sunrise Blvd. (14)
- NW 21 Ave. (16)
- Dixie Hwy. (17)
- I-95 Managed Lanes (31)
- Community Bus Service (41)
- FEC Commuter Rail and Broward East West Transit projects (69)



Project Options

Option 1- Continuation of the Project

- Transportation and economic development project
- Complete 100% design and environmental screening (Grant extension application to be submitted by end of March 2013)
- Start ROW acquisition or construction when funding becomes available (by 2016- Grant Requirements)
- The NW CRA has \$2.4 M of uncommitted funds
- CDBG funds: \$7-\$8 M through a loan (108 loan)
- Identify Potential Funding Sources:
 - Brownfield
 - CRA
 - MPO



Project Options

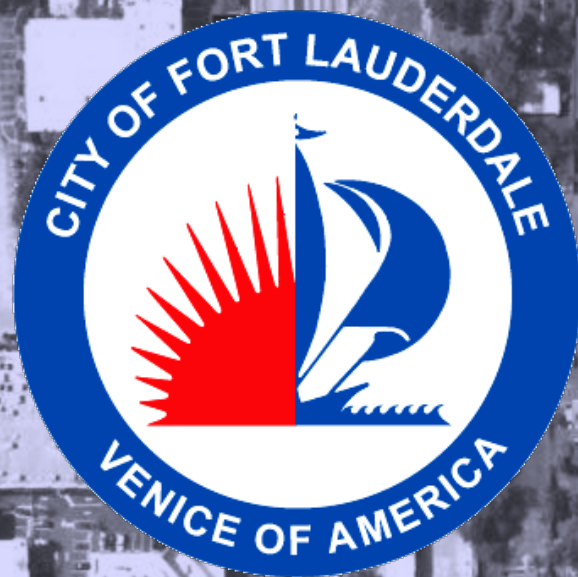
Option 2- Evaluate Project Viability

- Further evaluate environmental risk, remediation cost, and construction cost with FDOT
- Determine whether or not the costs associated with ROW acquisition and remediation work justify the construction of the project.
- Potential Outcomes:
 - Project is viable and we would need to determine whether to proceed. If we chose to not proceed, the funds spent to date will need to be paid back.
 - If the environmental risk indicates that the project is not viable, we would need to engage FDOT and discuss the potential to not move forward without penalty.



NW 9TH AVE

Questions?



NW 7TH AVE



R.J. Behar & Company, Inc.
Engineers • Planners