



# YOUR VISION FOR ***JW CLAY BOULEVARD STREETScape***

**September 15, 2015**

Presented by:  
**City of Charlotte**

Engineering & Property Management  
Charlotte Area Transit System  
Charlotte Department of Transportation



## TONIGHT'S AGENDA

- Welcome and Introductions
- Project Overview
- JW Clay Streetscape Boulevard Survey
- Next Steps
- Open Discussion

## NECI Program Goals

### Improve Accessibility

- *Provide pedestrian, bicycle and vehicular connections to light rail stations.*

### Promote Economic Development

- *Provide infrastructure to support and encourage transit supportive development*



## CIP FUNDING OVERVIEW

- June 10, 2013 - \$816.4 million Capital Investment Plan (CIP) focused on enhancing infrastructure needs with a long-term, sustainable emphasis on:

- 1) investing in corridors
- 2) increasing connections
- 3) improving communities

Bond Year	CIP	NECI
2014	\$ 249.5 M	\$ 16.6 M
2016	\$ 244.3 M	\$ 35.4 M
2018	\$ 195.9 M	\$ 27.3 M
2020	\$ 126.7 M	\$ 27.3 M

## JW Clay Boulevard Streetscape

### Project Goals

- Improve pedestrian and bicycle mobility on JW Clay Blvd from WT Harris Blvd. to N. Tryon Rd.
- Provide connectivity to:
  - Proposed JW Clay Park-n-Ride Station
  - Barton Creek Greenway
  - North Bridge over I-85 connecting Research Dr. to JW Clay Blvd.

# JW Clay Boulevard Streetscape



## JW Clay Boulevard Existing Cross-Section

- Two 11' lanes in each direction
- 6' sidewalk with 5' planting strip on the north side; 5' sidewalk with 4.5' planting strip on the south side
- 18' landscaped median
- Left turn lanes provided at cross streets and intersections
- Pedestrian crossings provided at Village Shopping Center Drive North and South intersections

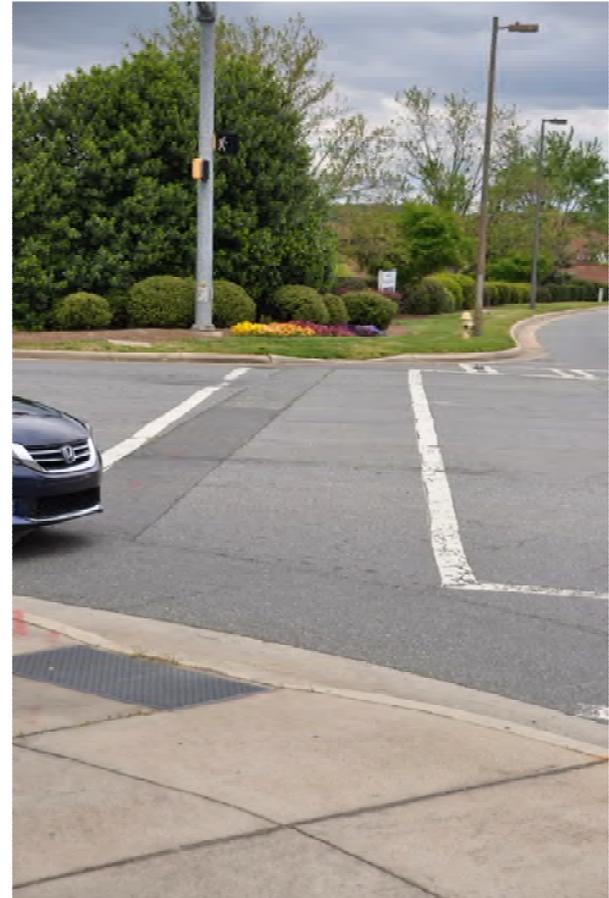


# JW Clay Boulevard Streetscape

## Project Deficiencies



Missing sidewalk, bike lane



Crosswalks without sidewalk

# JW Clay Boulevard Streetscape

## Project Deficiencies



Lack of connectivity



Missing sidewalk, bike lane/path to Barton Creek Greenway



# JW Clay Boulevard Streetscape

## Project Deficiencies



Limited crosswalks, sidewalks, pedestrian refuge

# JW Clay Boulevard Streetscape

2015 Existing ADT\* vs 2040 “No Build” ADT\* vs 2040 “Build” ADT\*



xxx	Existing Avg. Daily
xxx	2040 “No Build” Avg.
xxx	2040 “Build” Avg. Daily Traffic

Note:  
 “Build” includes building both JW Clay Boulevard improvements and North Bridge over I-85.

# Describe Your Current Use of JW Clay Blvd.

Local business patron	57.53%
Resident	46.58%
Commuter	41.10%
Pedestrian	28.77%
Greenway user	28.77%
I use JW Clay to get to/from work	27.40%
Bicyclist	13.70%
Our customers take JW Clay to reach our business	6.85%
Adjacent or nearby business owner	5.48%
Student	5.48%
Other	5.48%
My employees use JW Clay to come to work	4.11%
Public Transportation	1.37%
None of the above	1.37%
Commercial truck/bus driver	0.00%

# Describe Your Desired Use of JW Clay Blvd.

Local business patron	56.76%
Greenway user	56.76%
Pedestrian	54.05%
Resident	47.30%
Bicyclist	39.19%
Public transportation	37.84%
Commuter	36.49%
Access to transit for patrons	25.68%
Employee working adjacent to or nearby project	16.22%
Student	14.86%
Access to transit for employees	10.81%
Adjacent or nearby business owner	6.76%
Other	5.41%
Commercial truck/bus driver	1.35%
None of the above	0.00%

# Level of Satisfaction

(1 = very satisfied; 5 = very dissatisfied)

Bicycle accommodations	4.26
Bus stops	3.93
Pedestrian accommodations	3.89
Area aesthetics	3.43
Landscaping	3.15
Ability to make turns	3.10
Street lighting	2.94
Access to adjacent property	2.93
Ease of travel	2.80
Posted speed limit	2.71
Median width	2.63

# How Important Are the Following Factors (1 = very important; 5 = unimportant)

Ease of travel	1.30
Sidewalks	1.44
Connections to public space	1.51
Ability to safely cross JW Clay	1.53
Access to adjacent property	1.54
Ability to make turns	1.55
Area aesthetics	1.64
Public fixtures and amenities	1.69
Street lighting	1.71
Landscaping	1.79
Multi-use paths	1.81
Posted speed limit	1.84
Access to public transportation	1.96
Bike lanes	1.99
Median width	2.42
Bus stops	2.75

# JW Clay Boulevard Streetscape

## Project Improvements

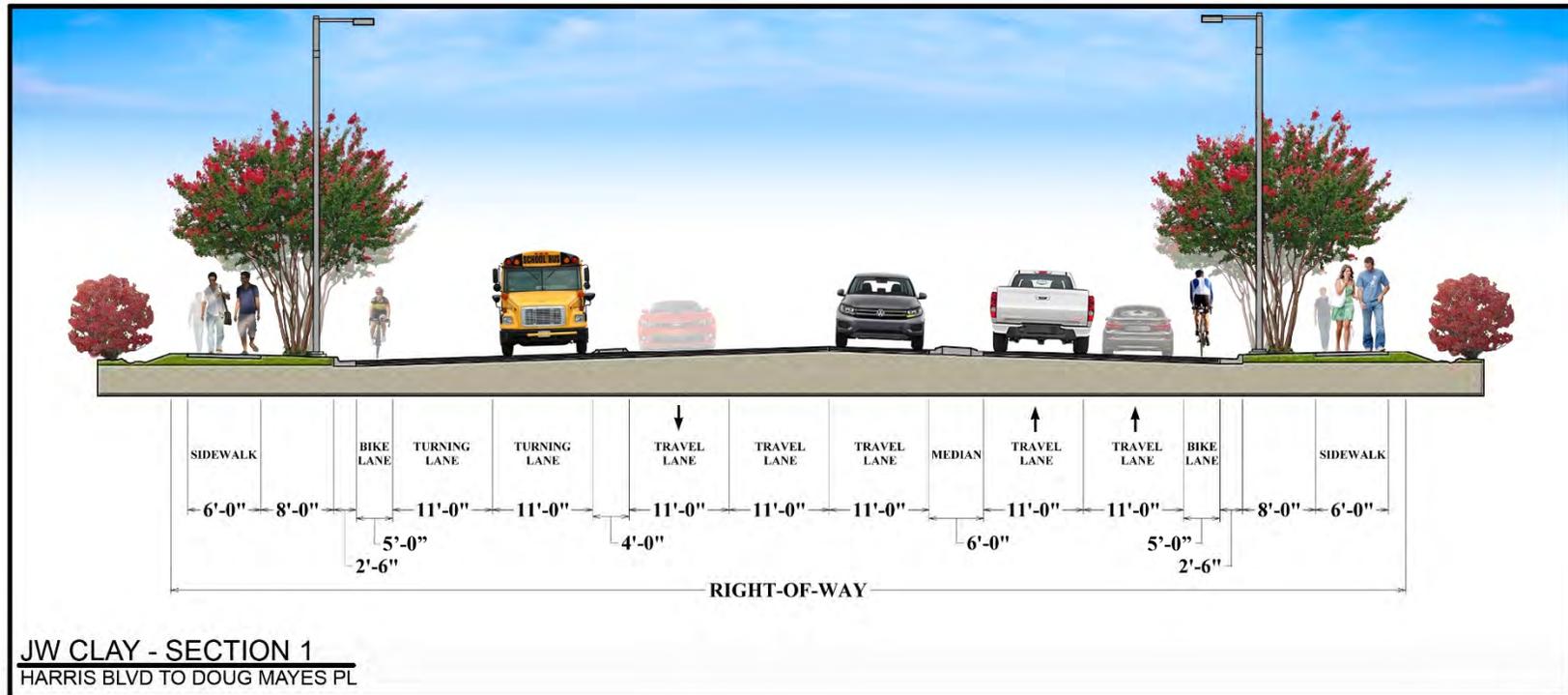
- Streetscape improvements may include:
  - Sidewalks, multi-use paths
  - Planting strips
  - Bike lanes
  - Median modifications
  - Landscaping
  - Pedestrian refuge islands
  - Traffic signals
  - Turn lanes
  - Street and/or pedestrian lighting
  - Intersection improvements

## JW Clay Boulevard Proposed Cross-Section

- Two 11' lanes in each direction with 16' landscaped median
- 5' bike lanes both sides
- 6' sidewalk with 8' planting strip WT Harris to Doug Mayes
- 8' sidewalk with 8' planting strip Doug Mayes to N. Tryon
- 10' multi-use path with 8' planting strip Barton Creek Greenway to N. Tryon (north side of JW Clay)
- Left turn lanes provided at cross streets and intersections
- Pedestrian crossings provided at Village Shopping Center Drive North and South intersections
- Street lighting throughout corridor; pedestrian lighting along multi-use path

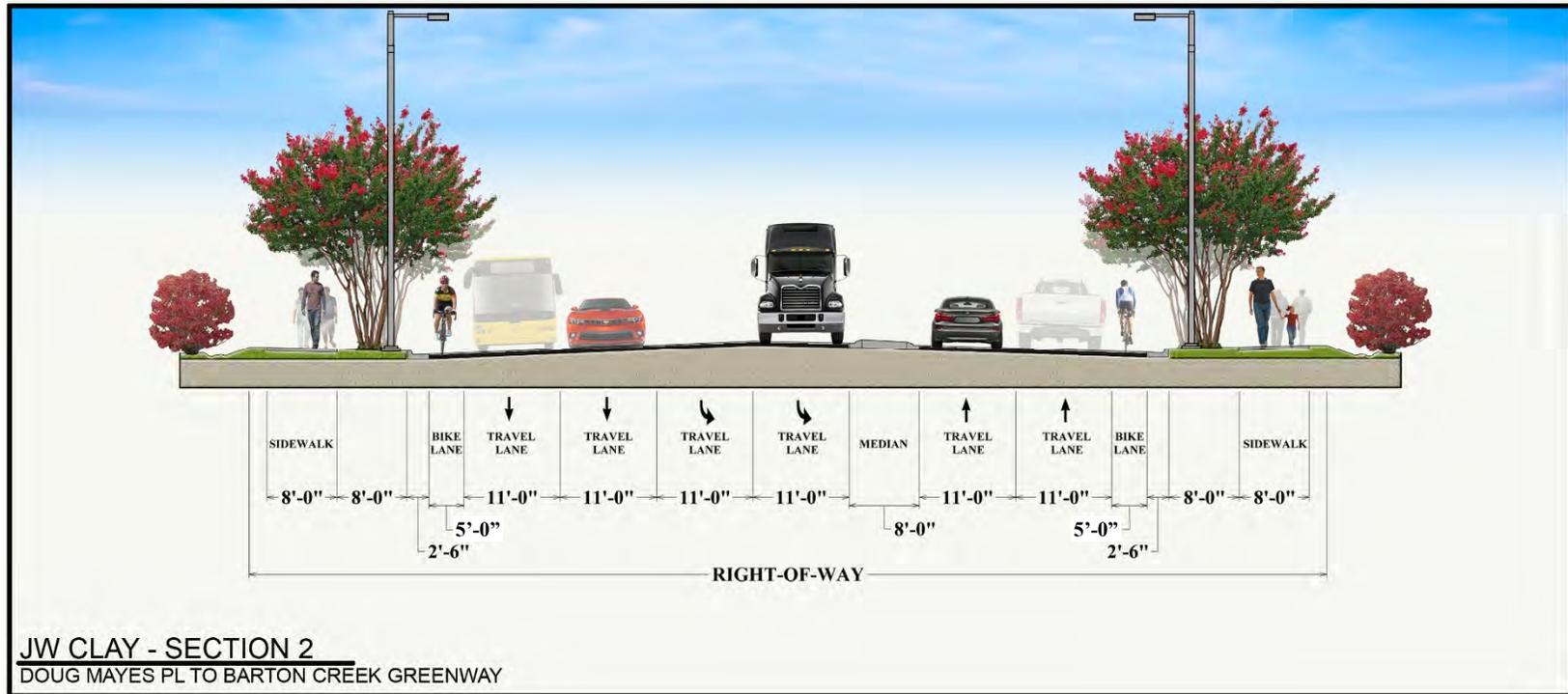
# PROJECT OVERVIEW

- JW Clay Boulevard – Proposed Cross-Section



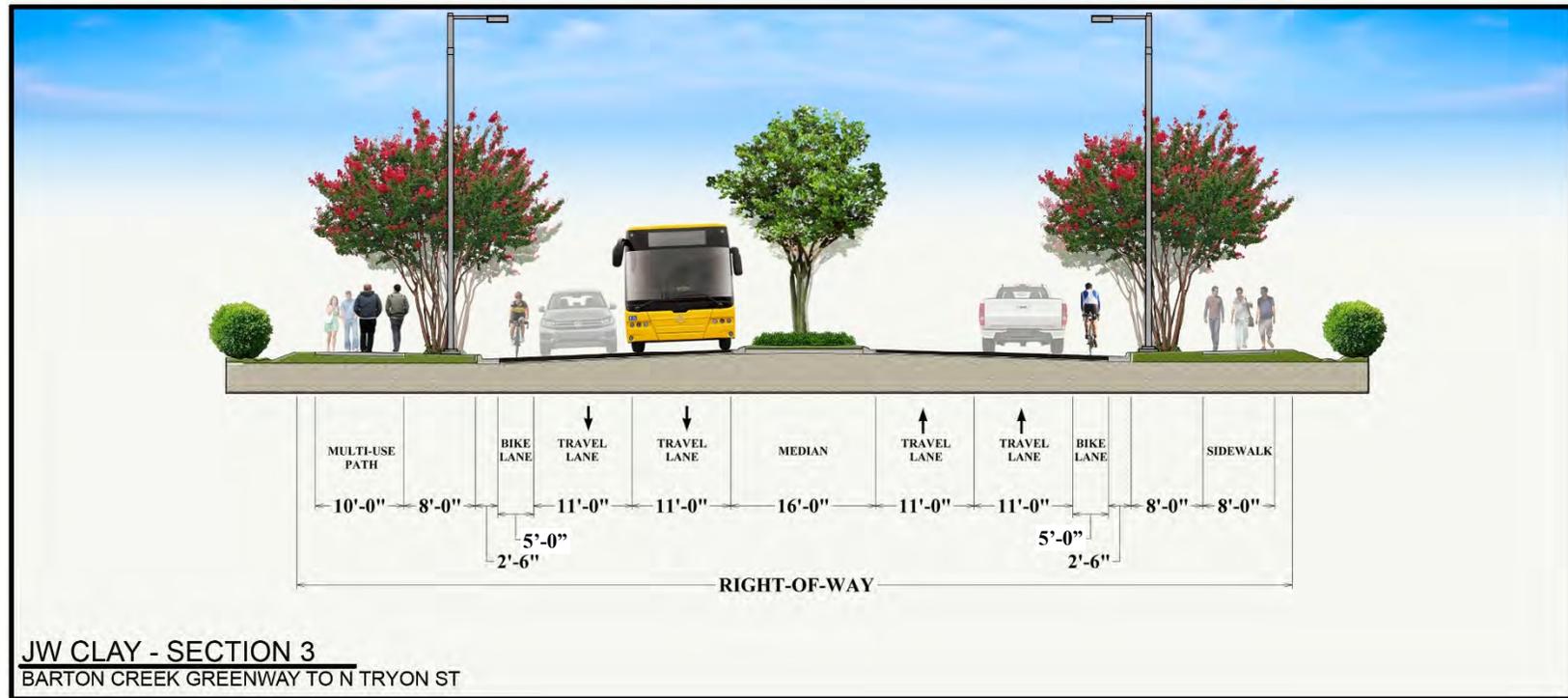
# PROJECT OVERVIEW

- JW Clay Boulevard – Proposed Cross-Section



# PROJECT OVERVIEW

- JW Clay Boulevard – Proposed Cross-Section



# JW Clay Boulevard Streetscape



## JW Clay Boulevard Streetscape



## Ballantyne Commons Parkway at Elm Lane



## Ballantyne Commons Parkway at Elm Lane



## Kenilworth Boulevard at Charlottetowne



## Woodlawn Road west of South Boulevard



## Prosperity Church Road west of Mallard Creek Road



## Phasing and Scheduling

- **Planning** – anticipated completion early 2016
- Design
- Real Estate
- Utility relocation
- Bid
- Construction/Landscaping

## What's next?

- Draft goals, objectives, vision
- **Identify alternatives**
- Present alternatives to stakeholders
- Refine goals, objectives, vision, alternatives
- Present alternative analysis and recommendation to stakeholders
- Refine and select alternative
- Final concept plans and planning report
- Design



# How You Can Remain Involved

You are invited to be a part of the process of building Charlotte's future. To remain a vibrant city where people want to live and work, Charlotte needs your ideas and voice.

We encourage you to:

- Attend meetings
- Share your ideas
- Participate in surveys
- Collaborate with City planners and project managers

Visit [www.charlottefuture.com](http://www.charlottefuture.com) to learn more about the Community Investment Plan and sign up to receive regular updates.





## Contacts

Tom Russell

City of Charlotte

704-336-4639

[trussell@charlottenc.gov](mailto:trussell@charlottenc.gov)

Jim Beck

DRMP, Inc.

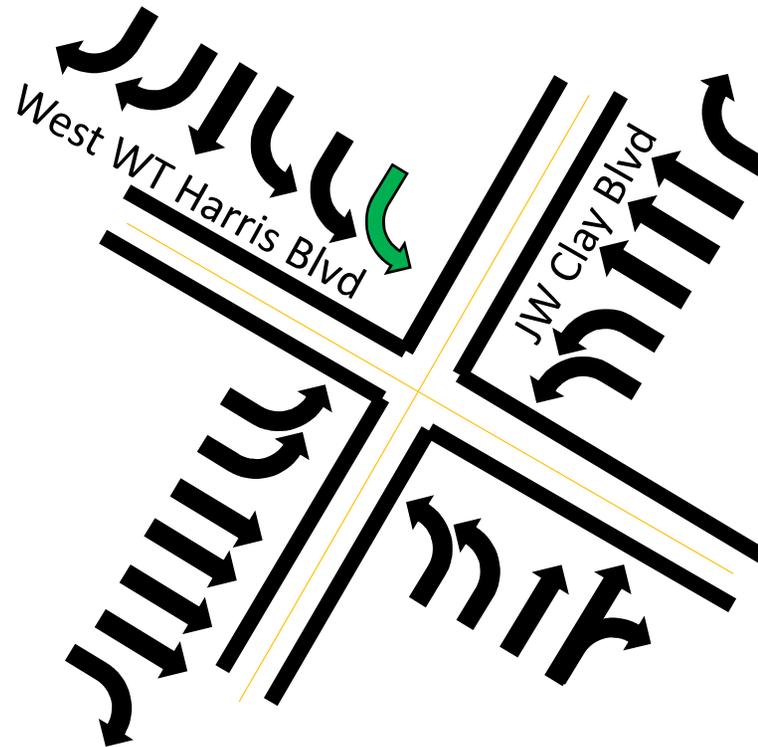
704-332-2289

[jbeck@drmp.com](mailto:jbeck@drmp.com)



# JW Clay Boulevard Streetscape

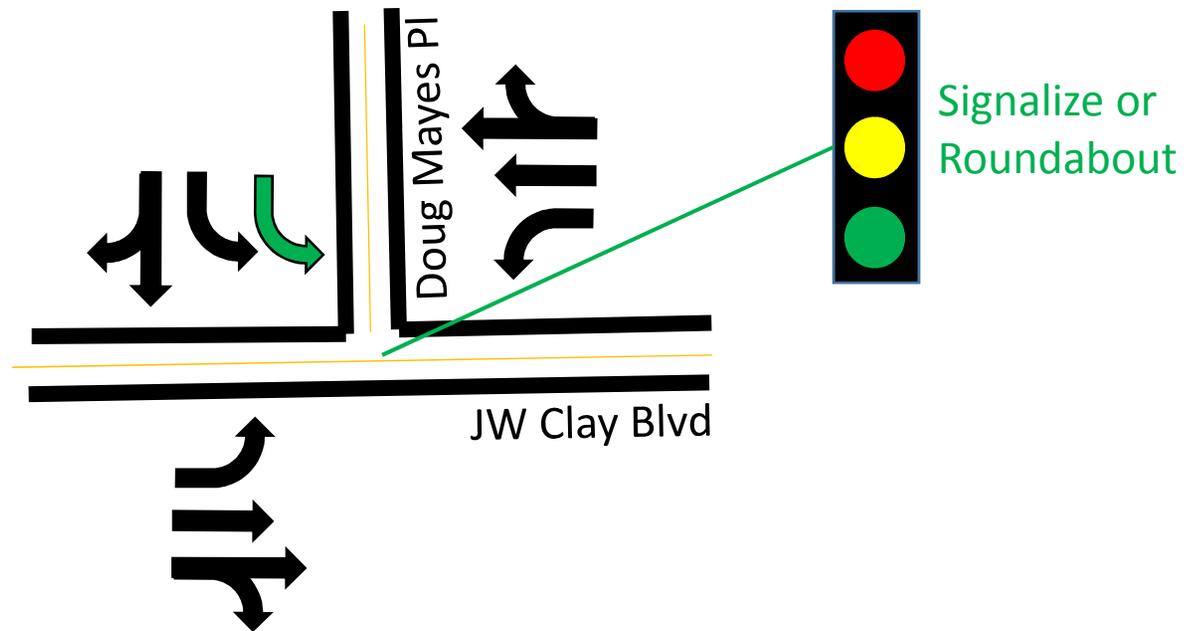
DRAFT Recommendation at WT Harris Blvd/JW Clay Blvd



Add: 1 Southbound Left Turn Lane on JW Clay Blvd

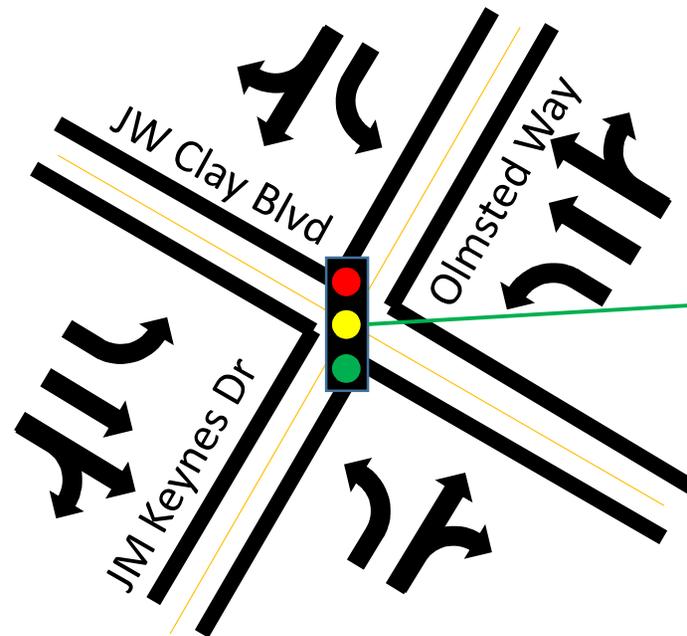
# JW Clay Boulevard Streetscape

DRAFT Recommendation at Doug Mays PI/JW Clay Blvd



## JW Clay Boulevard Streetscape

Future Signalization of JM Keynes/Olmsted/JW Clay with BLE\*



Consider  
Conversion to  
Roundabout

# JW Clay Boulevard Streetscape

DRAFT Recommendation at N Tryon/JW Clay Blvd

