



Alternatives Public Meeting

May 24, 2018



Agenda

1 Project Overview

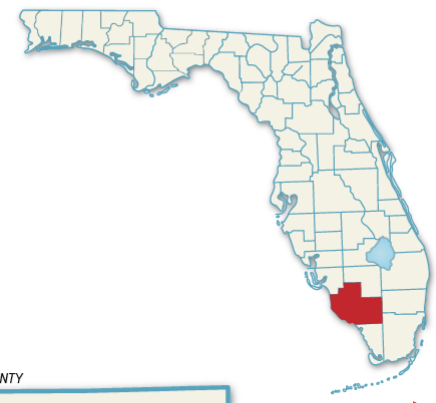
2 Purpose and Need

3 Study Alternatives

4 Next Steps

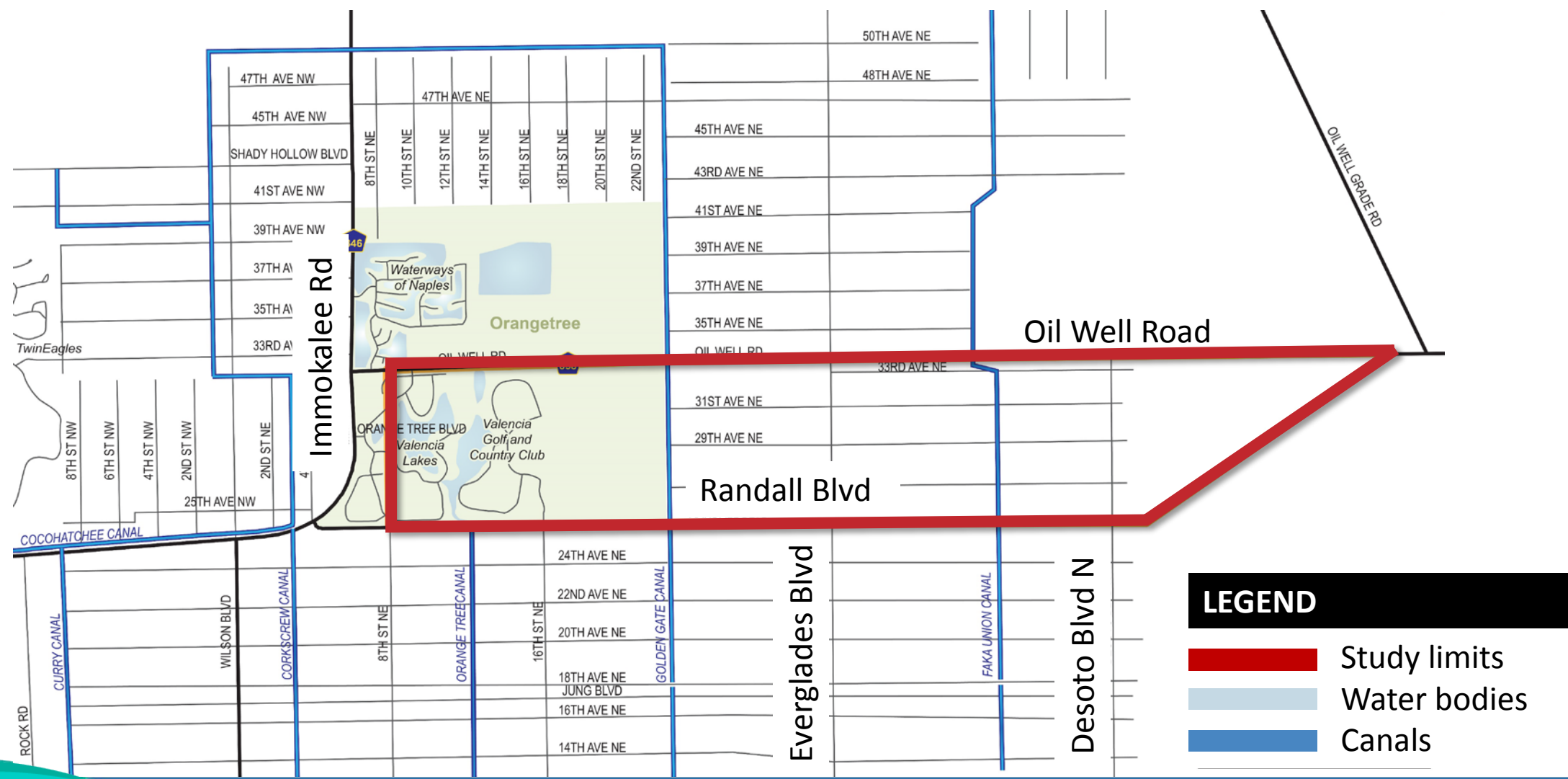
Project Overview

Regional Map



Collier
County

Study Area Map



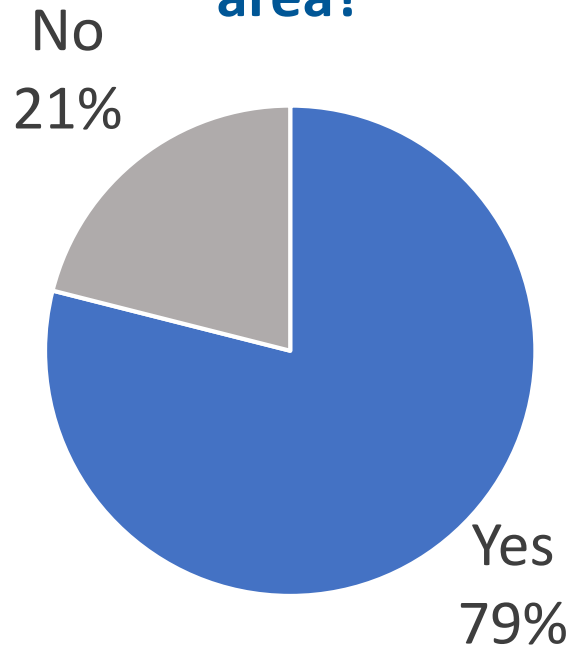
LEGEND

- Study limits
- Water bodies
- Canals

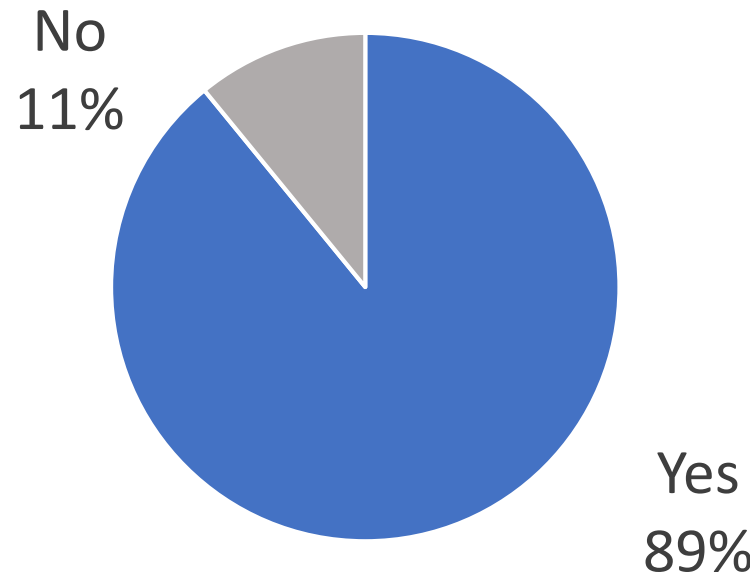
March 2017 Public Kickoff Meeting

106 attendees - 60 surveys received

Live or work in study area?



Do you use the study area to commute to work or school?



68% commute to work in the Naples area or along I-75



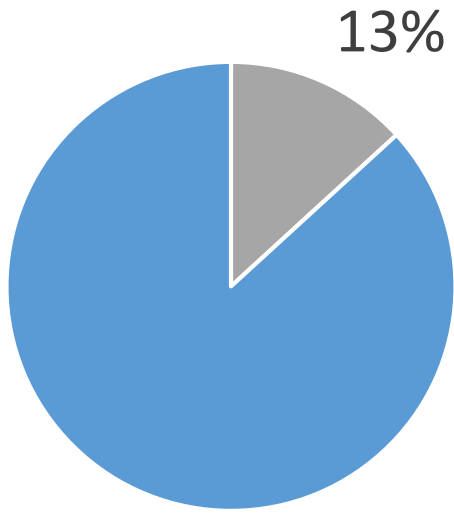
Survey Results – Project Need

Majority support project need:

82% support providing relief for congestion



Providing relief for current and future congestion within the Corridor Study Area

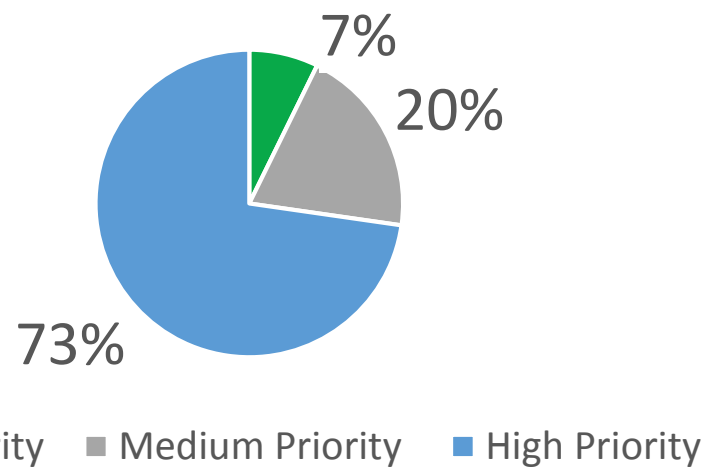


- Low Priority
- Medium Priority
- High Priority

Survey Results – Project Improvements

Majority support project improvements:

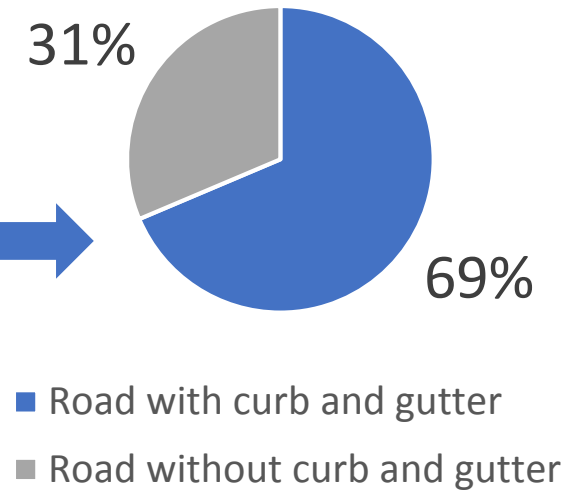
71% - adding more lanes



95% - off-road bicycle and pedestrian facilities

69% - additional street lighting

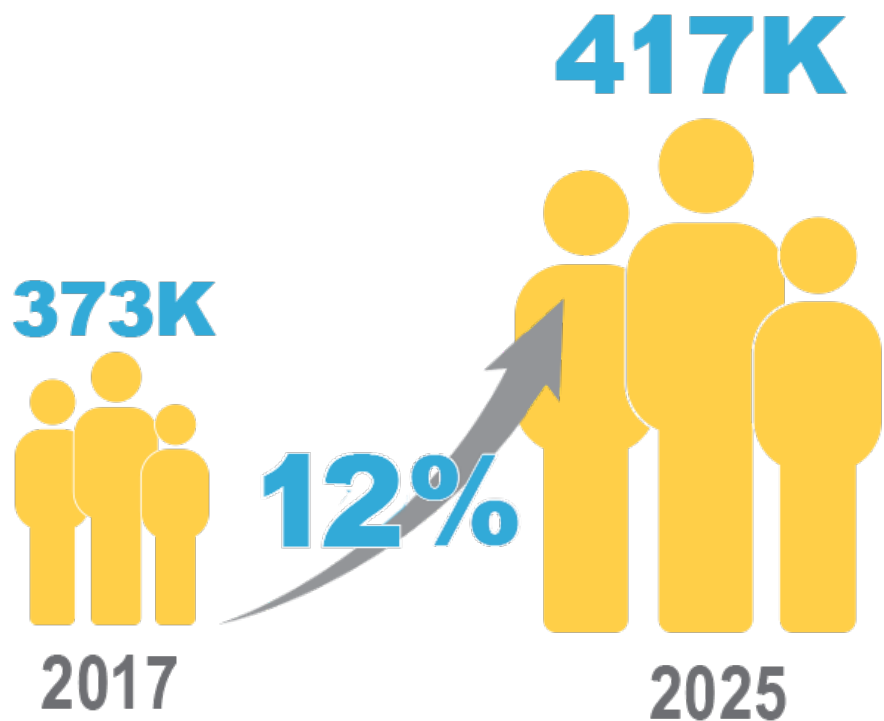
68% - roadway with curb and gutter



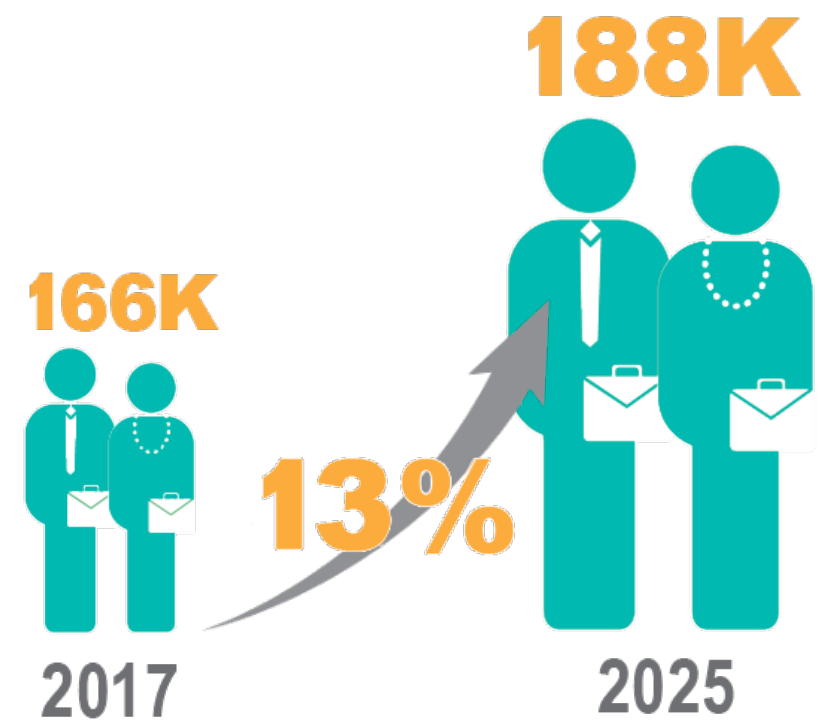
Purpose and Need Recap

- **Reduce Congestion:** Plan for future traffic needs due to population and employment growth
- **Enhance Mobility:** Enhance regional mobility and access between I-75 and eastern Collier County, as well as improve freight (truck), transit, bicycle and pedestrian access
- **Improve Safety:** Improve vehicle, bicycle and pedestrian safety by reducing conflicts
- **Enhance Emergency Evacuation:** Improve evacuation and emergency response times
- **Minimize and/or Avoid Environmental Impacts:** Identify the best alternative for the community and environment

Collier County Projected Growth



POPULATION



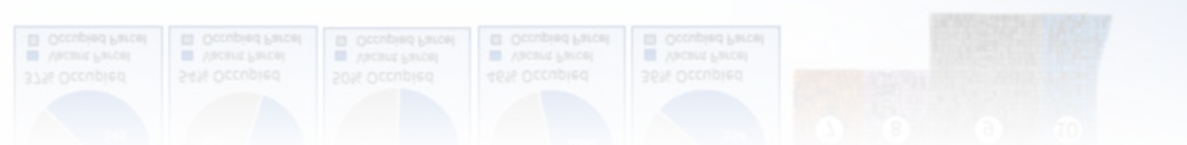
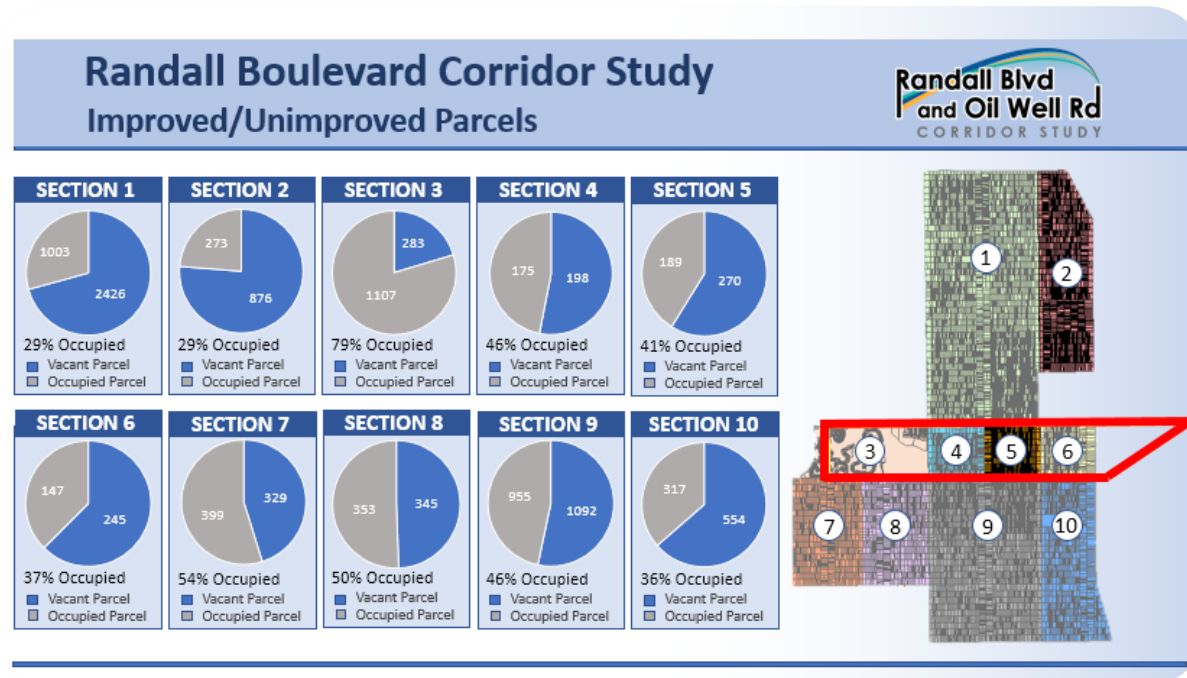
EMPLOYMENT

Source: Collier Metropolitan Planning Organization, 2018; Bureau of Economic and Business Research, 2013; U.S. Census Bureau Quick Facts, 2018.

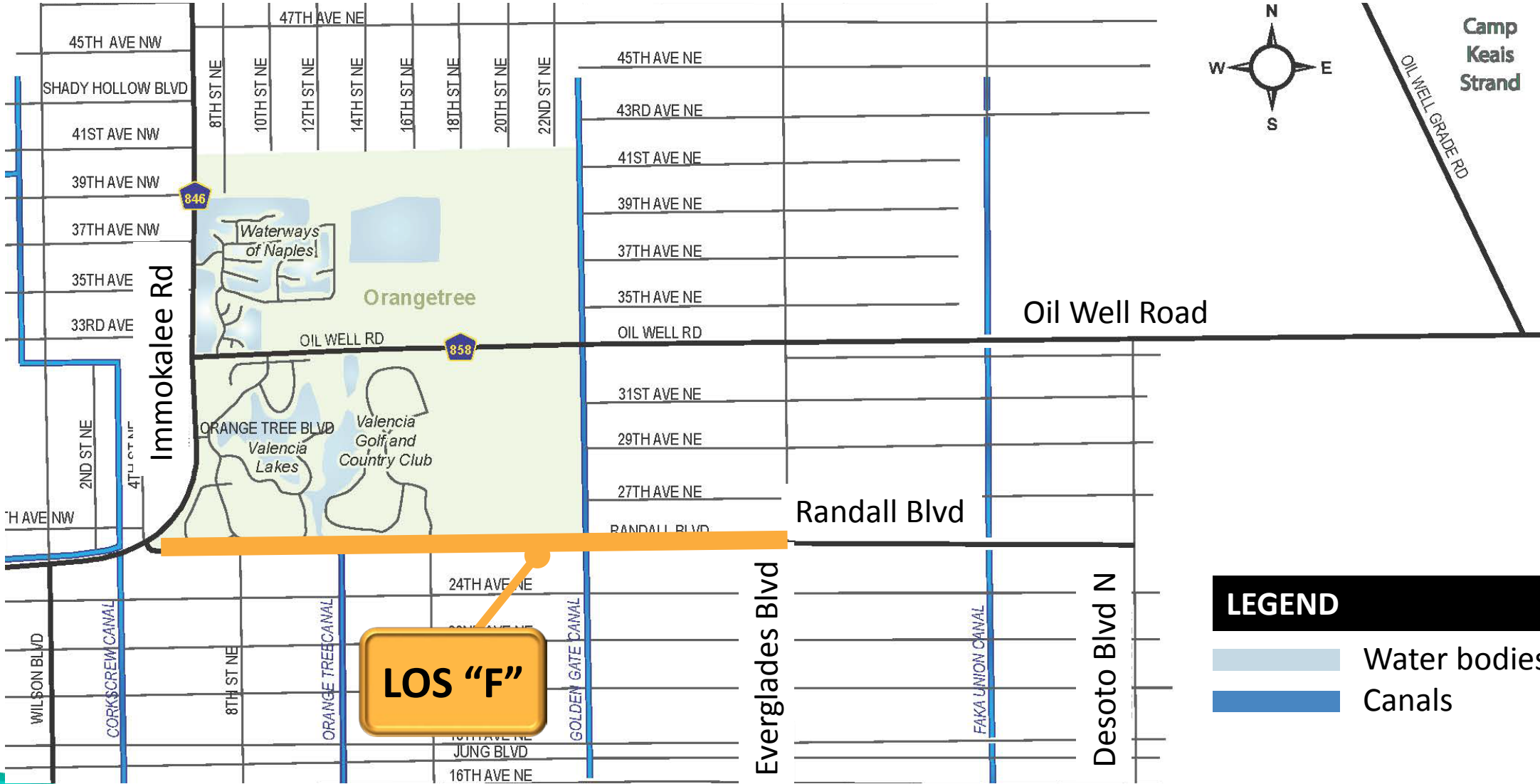
Improved/Unimproved Parcels

Based on Current Approved Land Uses

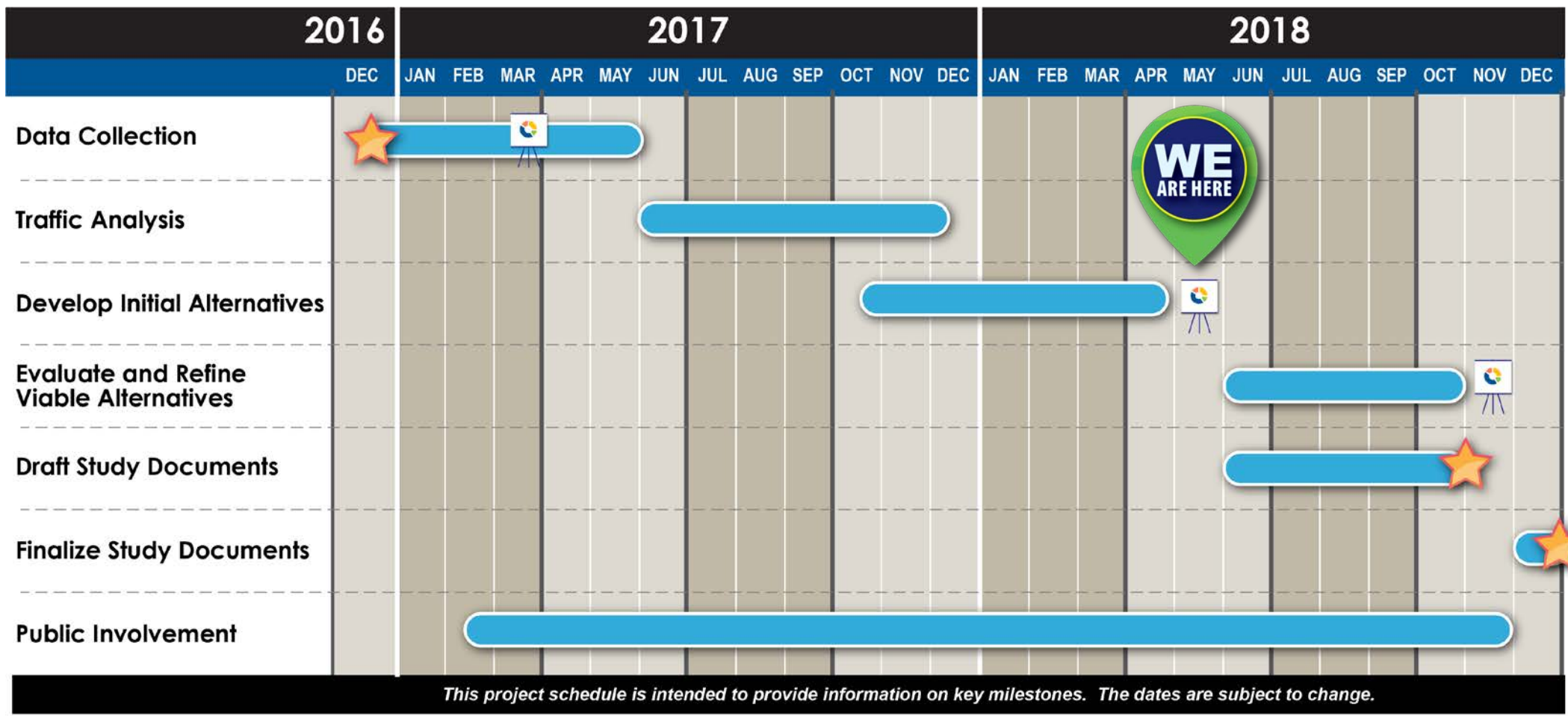
- Potential growth is anticipated in Golden Gates Estates area
- 50% of existing land uses are unimproved/vacant
- See information on display



Traffic Demand (2017 Existing Conditions)



Study Schedule



This project schedule is intended to provide information on key milestones. The dates are subject to change.

Public Meeting 📊

Study Milestone ★

What is a Corridor Study?



SOCIAL, NATURAL & PHYSICAL ENVIRONMENT

- Land Use
- Soils
- Historic & Archaeological Sites
- Water Quality
- Floodplain & Drainage
- Utilities
- Community Cohesion
- Community Facilities
- Parks & Recreational Lands
- Conservation Lands
- Wetlands
- Wildlife & Habitat
- Contamination

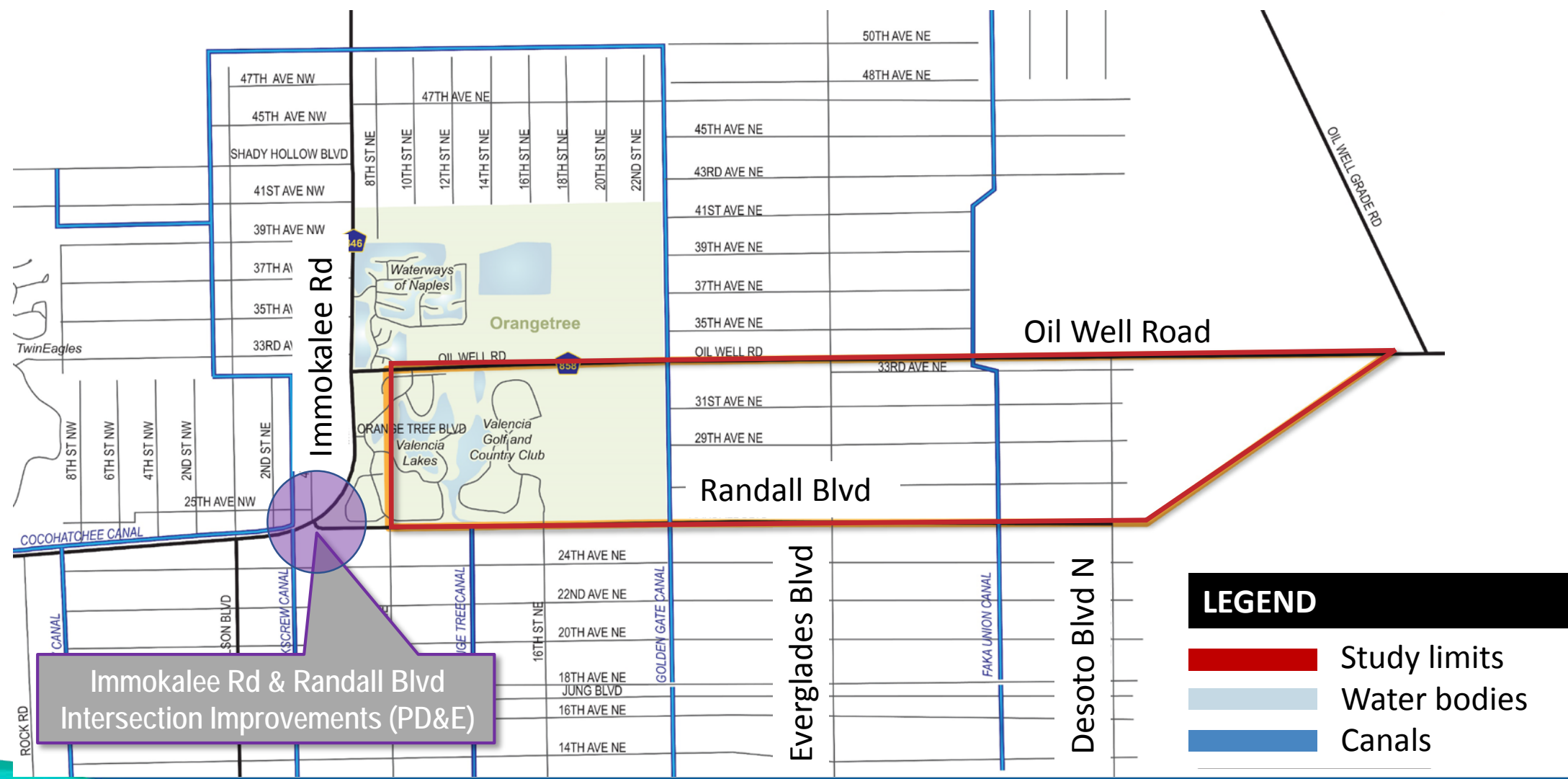


ALTERNATIVES

- No Build
- New Alignment (Alternative 1)
- Conventional (Alternatives 2, 3 and 4)

Study Alternatives

No Build Alternative "Do Nothing"



Immokalee Rd & Randall Blvd
Intersection Improvements (PD&E)

LEGEND

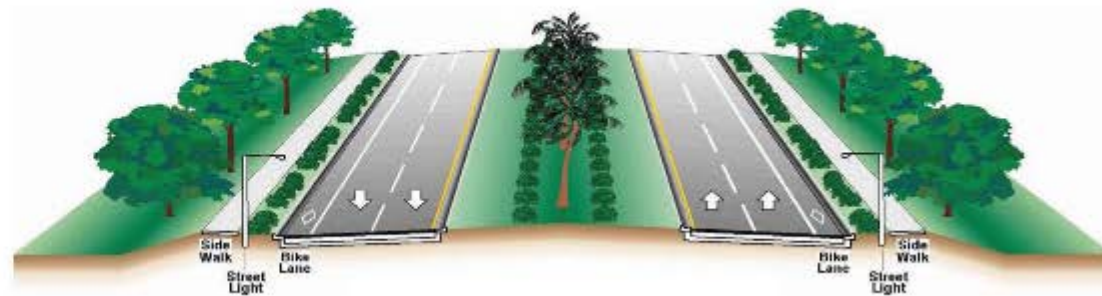
- Study limits
- Water bodies
- Canals

Typical Section Options

Suburban Typical Section Option Without Curb & Gutter



Urban Typical Section Option With Curb & Gutter



Typical Section Options

Urban Typical Section Options

- 4-lane and 6-Lane
- With Curb & Gutter



Proposed 4-Lane Urban Typical Section

- Randall Blvd Alternative
- Desoto Blvd Alternative
- Everglades Blvd Alternative
- "S" Connector Alternative



**Proposed 4-Lane Urban Typical Section
With Provisions for Median Expansion to 6 Lanes
Randall Blvd Alternative**



**Proposed 6-Lane Urban Typical Section
Randall Blvd Alternative**

Typical Section Options

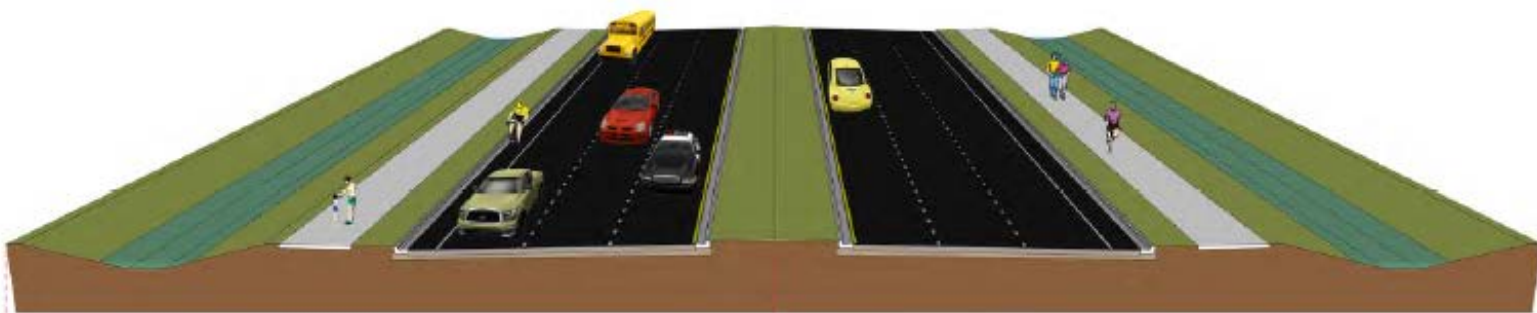
Urban 4-Lane

- With Curb & Gutter
- (180' ROW)



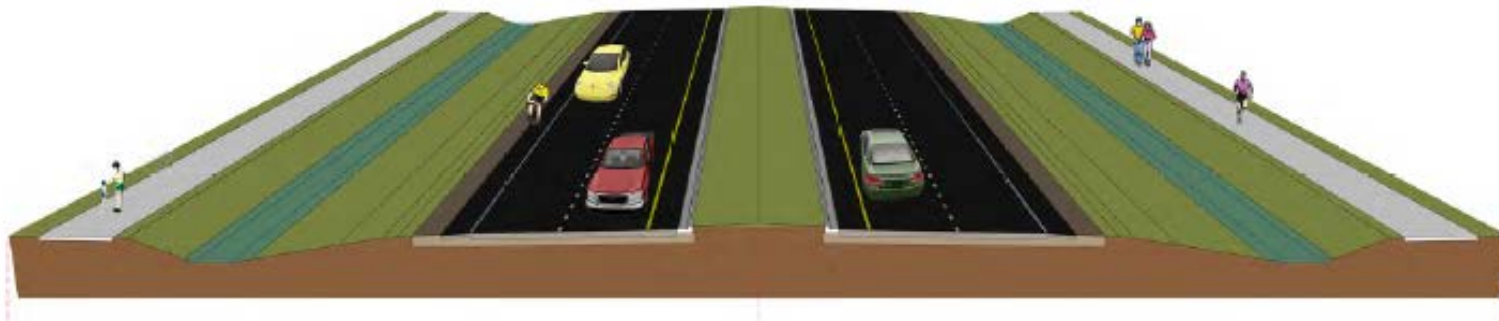
Urban 6-Lane

- With Curb & Gutter
- (204' ROW)

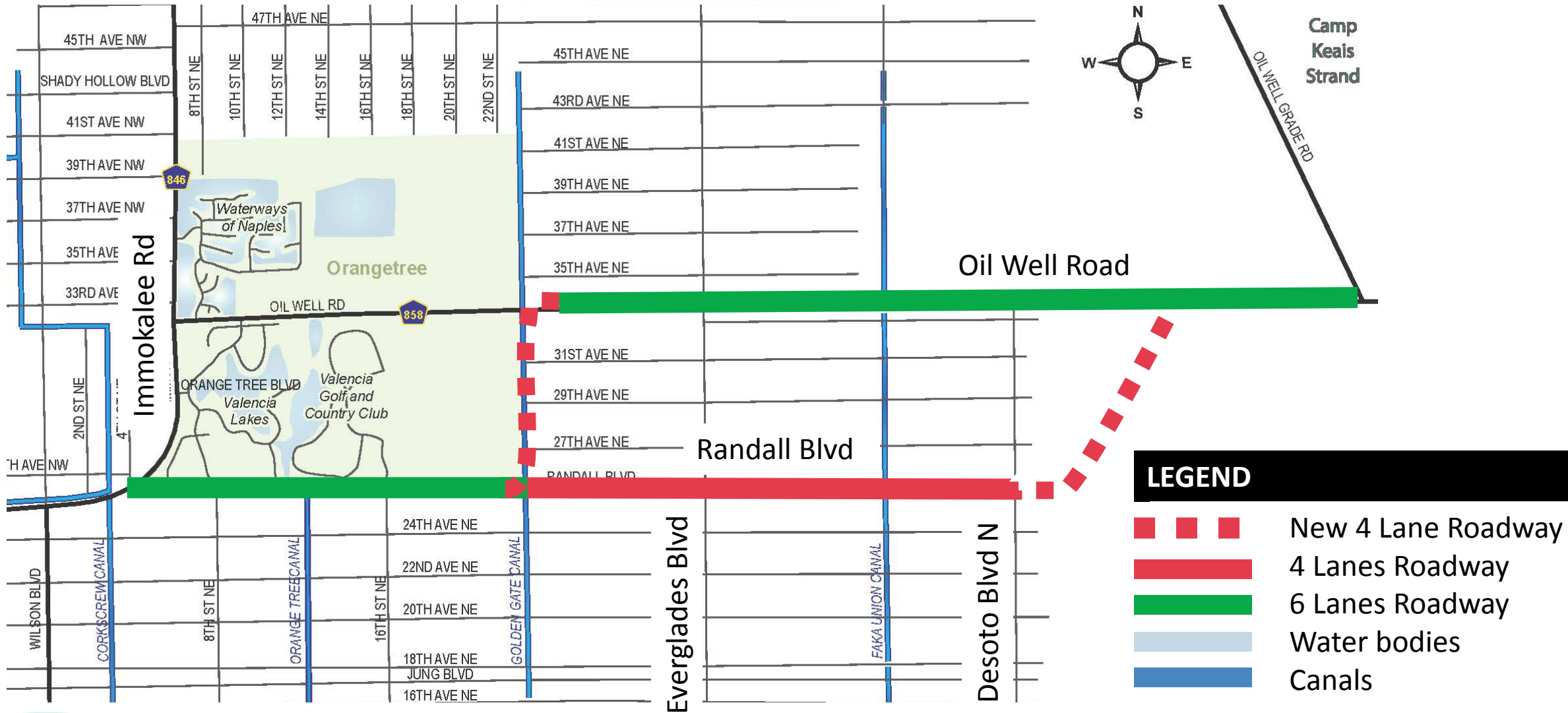


Suburban 4-Lane

- Without Curb & Gutter on outside
- (194' ROW)



Alternative 1 New Alignment



Alternative 1 New Alignment "S-Connector"

All Streets Connected
(31st, 29th, 27)
3 Connection Points



All Streets Connected
with Frontage Road
1 Connection Point



No Streets Connected



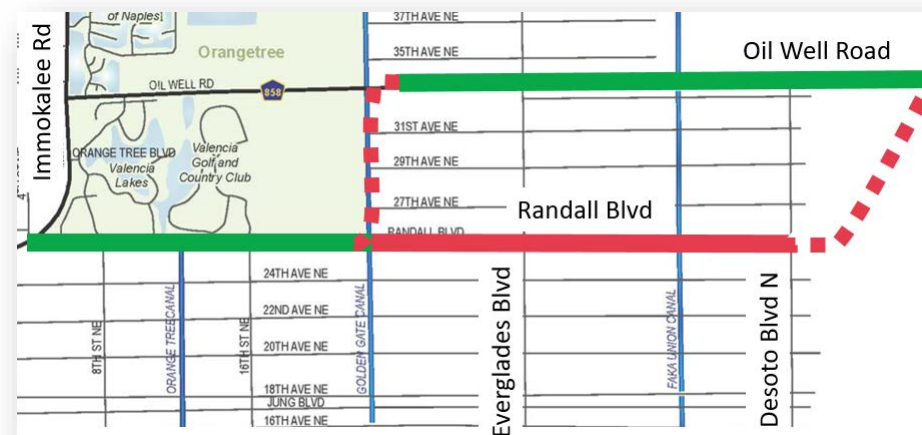
Alternative 1 – Benefits & Limitations

New Alignment Benefits

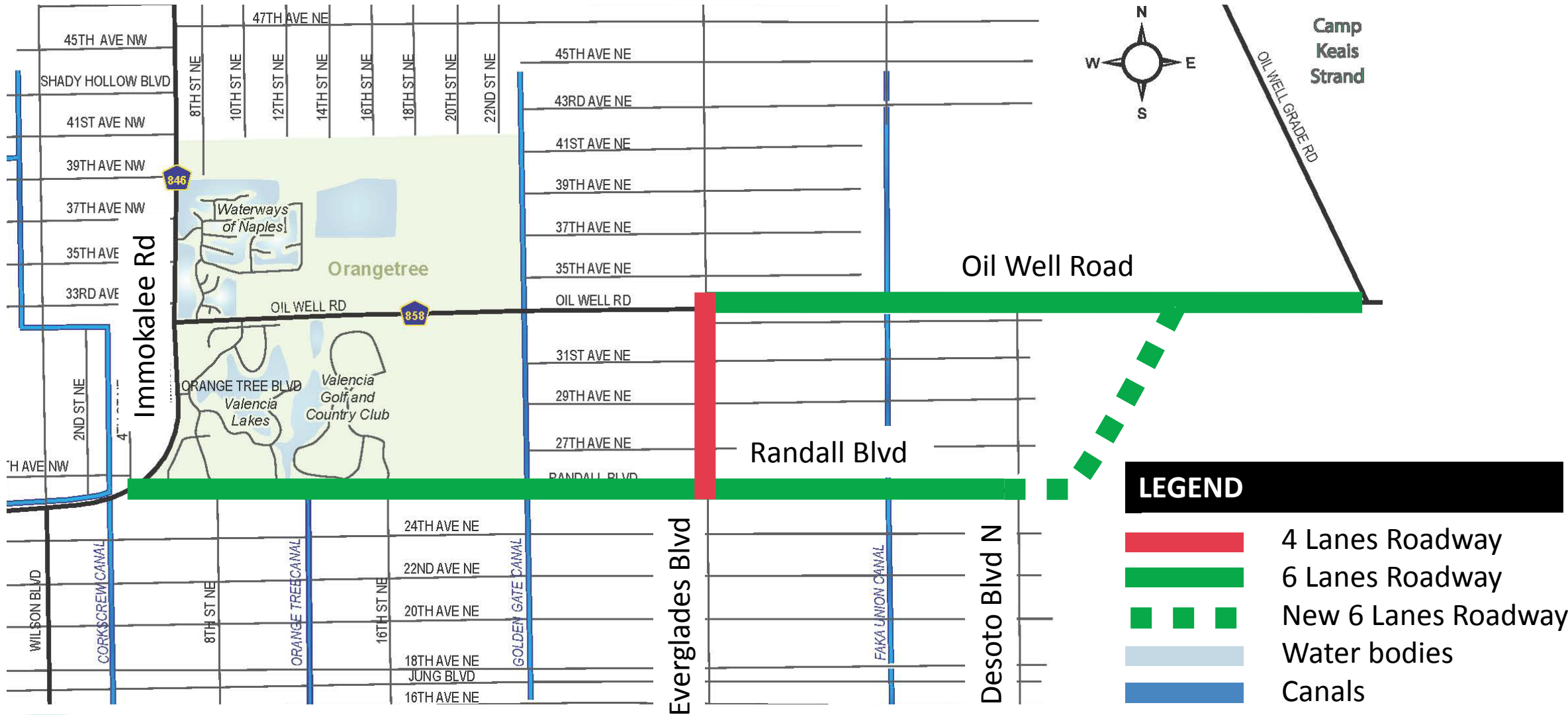
- ✓ 4 Lane Randall Blvd
- ✓ Diverts away from neighborhood / avoids school
- ✓ Free flow of traffic operations (peak hour)
- ✓ Uses *existing* Right-of-Way on Oil Well Rd for 6 Lane expansion

New Alignment Limitations

- ▼ “S-Connector” requires additional Right-of-Way
- ▼ Does not make use of existing infrastructure on Everglades Blvd



Alternative 2 6-Lane Randall Blvd plus 4-Lane Everglades Blvd



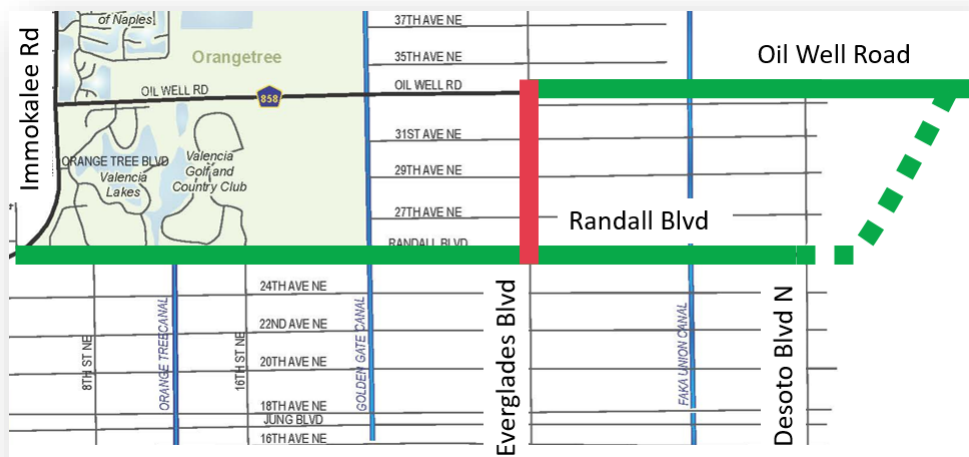
Alternative 2 – Benefits & Limitations

Conventional Alignment Benefits

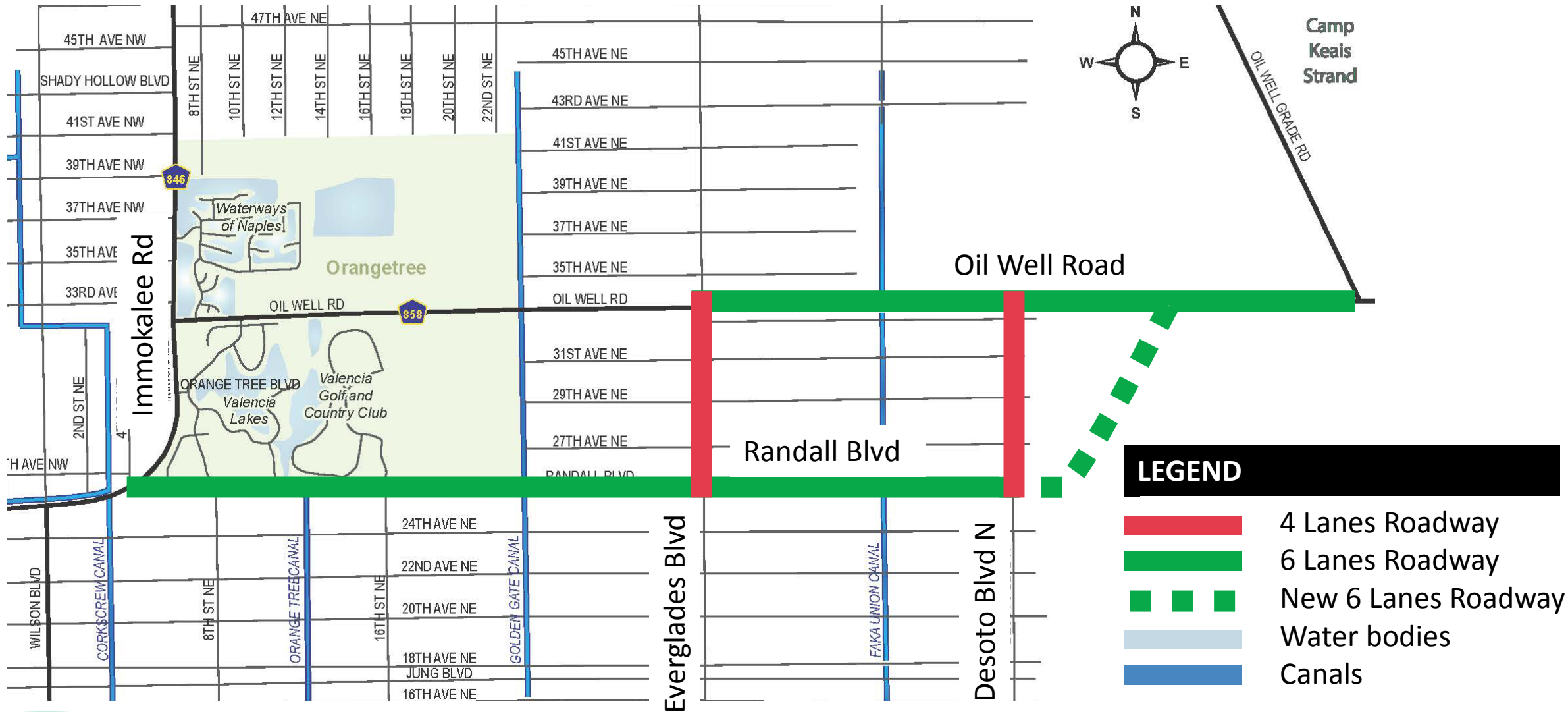
- ✓ Widening of existing network
- ✓ Diverts away / avoids school
- ✓ Uses *existing* Right-of-Way on Oil Well Rd for 6 Lane expansion

Conventional Alignment Limitations

- ▼ Increases commute time compared to Alternative 1
- ▼ Greater delays at intersections
- ▼ Everglades Blvd expansion to 4 lanes
- ▼ Requires more Right-of-Way on Randall Blvd for 6 lane expansion



Alternative 3 6-Lane Randall Blvd plus 4-Lane Everglades Blvd and 4-Lane Desoto Blvd



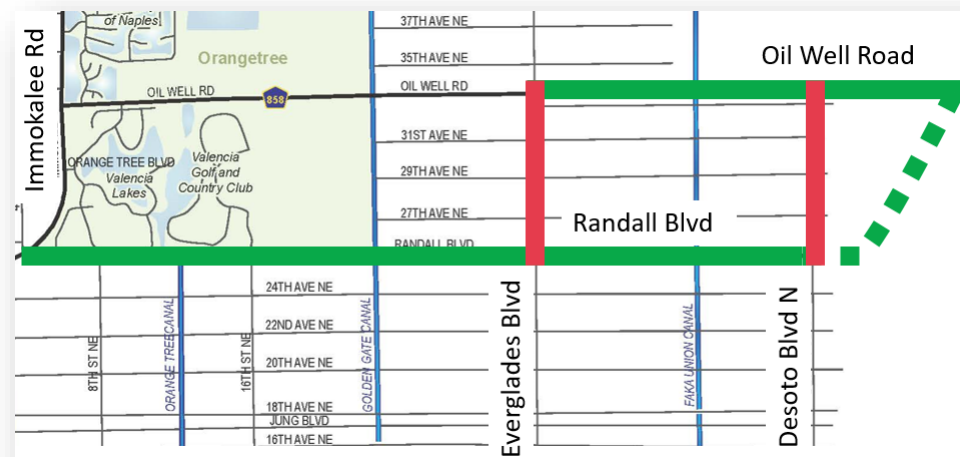
Alternative 3 – Benefits & Limitations

Conventional Alternative 3 Benefits

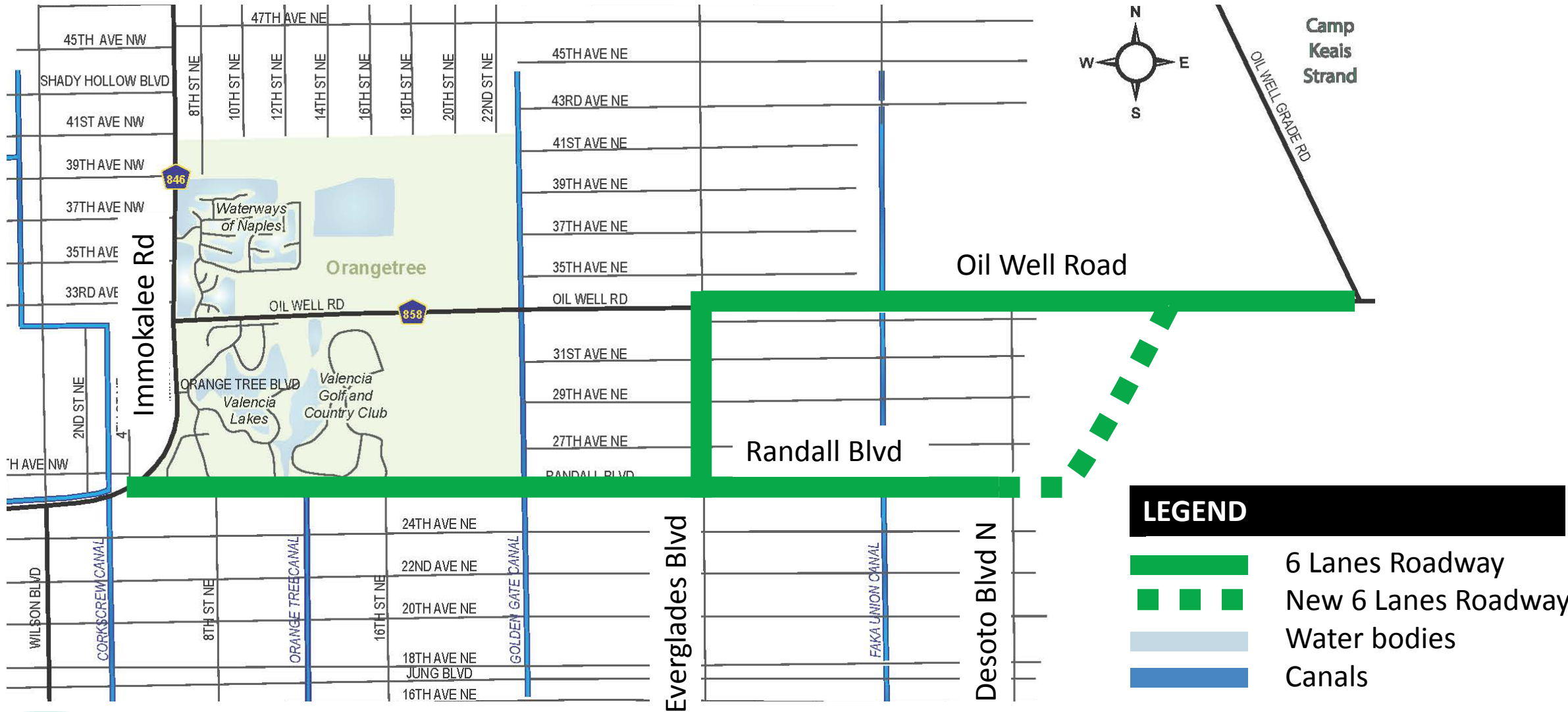
- ✓ *Same as Alternative 2, see previous list*
- ✓ Adds a second 4-Lane option for north-south travel with use of both Everglades Blvd and Desoto Blvd.
- ✓ May reduce delays at intersections with two options for users

Conventional Alternative 3 Limitations

- ▼ *Same as Alternative 2, see previous list*
- ▼ Desoto Blvd expansion to 4 lanes



Alternative 4 6-Lane Randall Blvd plus 6-Lane Everglades Blvd



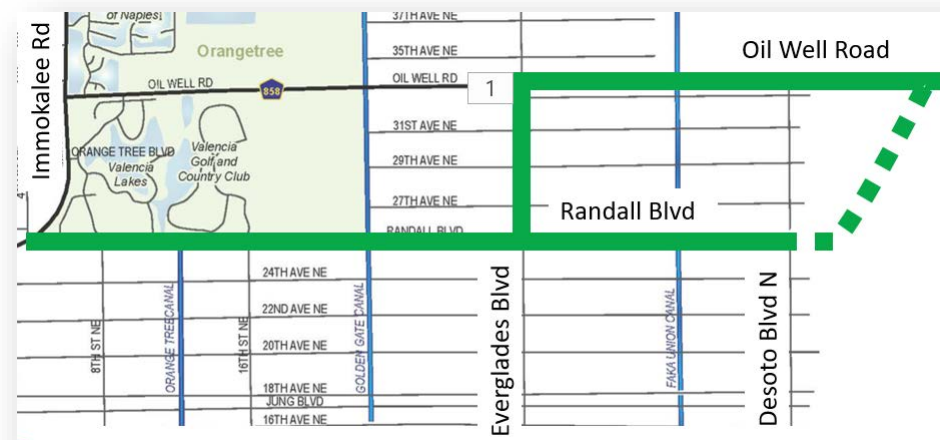
Alternative 4 – Benefits & Limitations

Conventional Alternative 4 Benefits

- ✓ *Same as Alternative 2, see previous list*
- ✓ Expanded Everglades Blvd to 6 lanes would further reduce congestion and meet traffic demand

Conventional Alternative 4 Limitations

- ▼ *Same as Alternative 2, see previous list*
- ▼ Everglades Blvd expansion to 6 lanes requires more right-of-way



Comparative Alternative Evaluation Matrix

| Evaluation Criteria | Alternative 1 with New Alignment "S-Connector" | Alternative 2 | Alternative 3 | Alternative 4 |
|---|--|---------------|---------------|---------------|
| Right-of-Way Impact | MEDIUM | LOW | MEDIUM | MEDIUM |
| Total Parcels Impacted | LOW | MEDIUM | HIGH | MEDIUM |
| Vacant Residential Parcels Impacted | LOW | MEDIUM | HIGH | MEDIUM |
| Residential Parcels Impacted | LOW | MEDIUM | MEDIUM | MEDIUM |
| Non-Residential Parcels Impacted | LOW | MEDIUM | MEDIUM | MEDIUM |
| Potential Residential Displacements (No.) | 1 | 0 | 1 | 0 |
| Potential Business Displacements (No.) | 0 | 0 | 0 | 0 |
| Community Use Parcel Impacts (No.) | 0 | 0 | 0 | 0 |
| Wetland Impacts (acres) | 16 | 13 | 21 | 13 |
| T&E Species Habitat Potential Effects | MEDIUM | MEDIUM | MEDIUM | MEDIUM |
| Canal crossings (No. of bridges) | 4 | 2 | 2 | 2 |
| Estimated Preliminary Project Cost (in 2018 \$ Millions) | LOW | LOW | HIGH | MEDIUM |

Live Survey

Live Survey – Question 0



TEST
Question

What is your
favorite primary
color?



Answer
Choices

- A) Red
- B) Blue
- C) Yellow
- D) All of the above
- E) Other

Live Survey – Question 1



Question

On which road do you live?



Answer
Choices

- A)** Randall Blvd
- B)** 27th, 29th, 31st
AVE NE
- C)** Everglades Blvd
- D)** DeSoto Blvd
- E)** Other (Oil Well, etc.)

Live Survey – Question 2



Question

Do you consider yourself to be a “year-round” or “seasonal” resident?



Answer Choices

- A) Year-round resident
- B) Seasonal resident

Live Survey – Question 3



Question

What is the most important issue on Randall Blvd that should be addressed?



Answer Choices

- A) Congestion
- B) Safety
- C) Poor lighting
- D) Speeding vehicles
- E) Lack of sidewalks/bike lanes

Live Survey – Question 4



Question

Where should the County invest funds for transportation improvements?



Answer Choices

- A) Additional travel lanes to existing roads
- B) Improve bicycle and pedestrian facilities
- C) Improve existing intersections
- D) New roads with improved connectivity
- E) Transit

Live Survey – Question 5



Question

Considering all options to enhance safety, traffic flow, costs, and right-of-way impacts, which do you prefer?



Answer Choices

A) **Alternative 1**

- New Alignment
- 4 Lane Randall Blvd

B) **Alternative 2**

- 6 Lane Randall Blvd
- 4 Lane Everglades Blvd

C) **Alternative 3**

- 6 Lane Randall Blvd
- 4 lane Everglades Blvd
- 4 Lane Desoto Blvd

D) **Alternative 4**

- 6 Lane Randall Blvd
- 6 lane Everglades Blvd

Live Survey – Question 6



Question

If Alternative 1 (new alignment) is selected, would you prefer...



Answer Choices

- A) All streets (31st, 29th, and 27th) connected to “S-Connector”
- B) Frontage road with 1 connection to “S-Connector”
- C) No connection
- D) No opinion

Live Survey – Question 7



Question

Which of the Typical Sections for Randall Blvd would you prefer?



Answer Choices

A) **Suburban**
(roadway without curb and gutter)

B) **Urban**
(roadway with curb and gutter)



Live Survey – Question 8



Question

What is the most important improvement to Randall Blvd for the County to add?

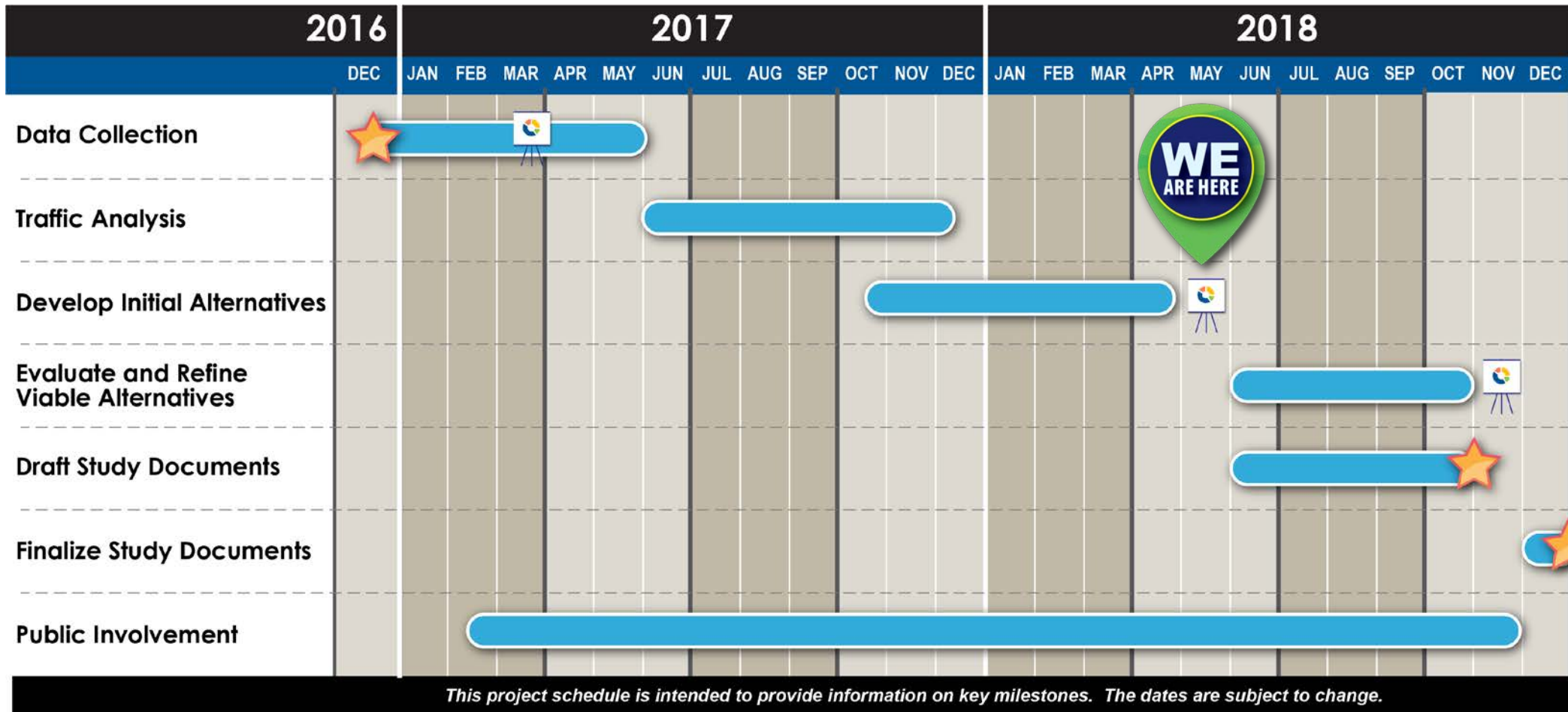


Answer
Choices

- A) Bike lanes
- B) Curb and gutter
- C) Landscaping
- D) Lighting
- E) Shared-use pathways and sidewalks

Next Steps

Study Schedule



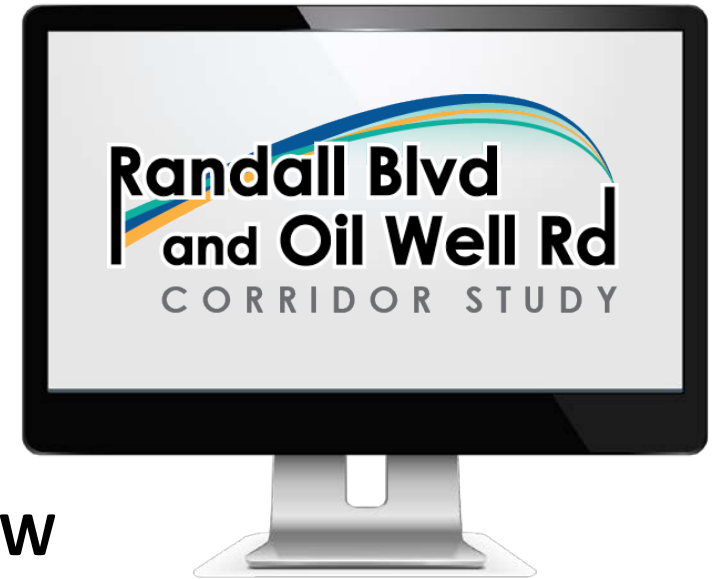
This project schedule is intended to provide information on key milestones. The dates are subject to change.



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www.surveymonkey.com/r/CHQM5HW



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Please Review Displays during Open House





Thank You