



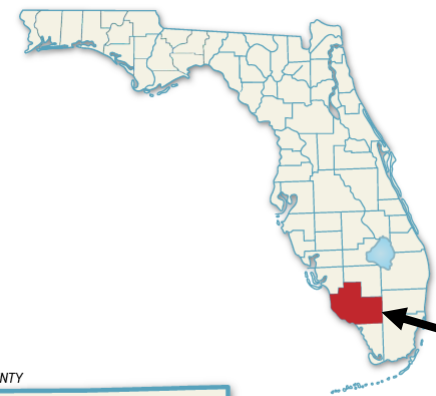
Board of County Commissioners Meeting May 14, 2019

Collier County Capital Project Planning,
Impact Fees & Program Management
Division



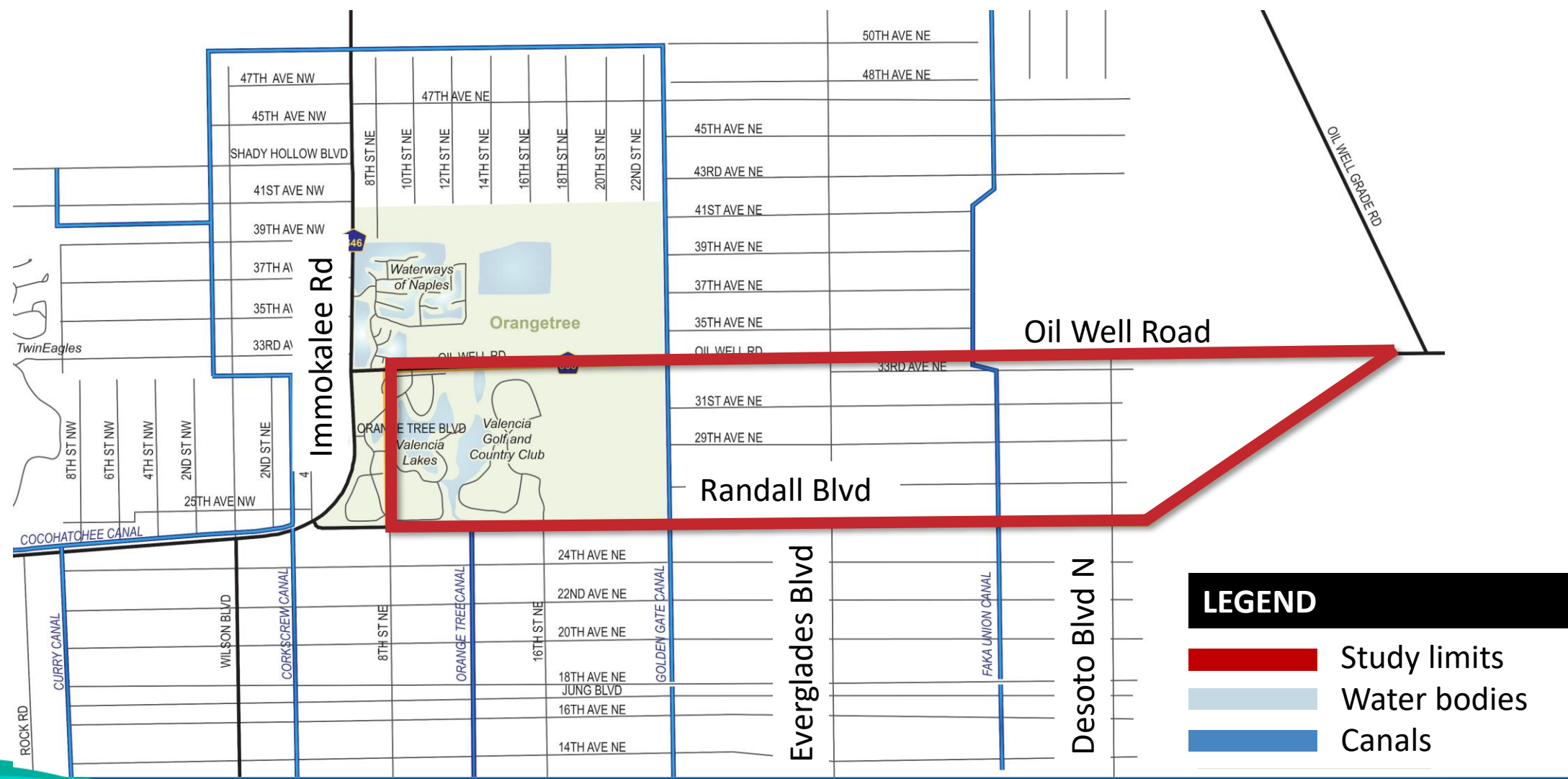
Project Overview

Regional Map



**Collier
County**

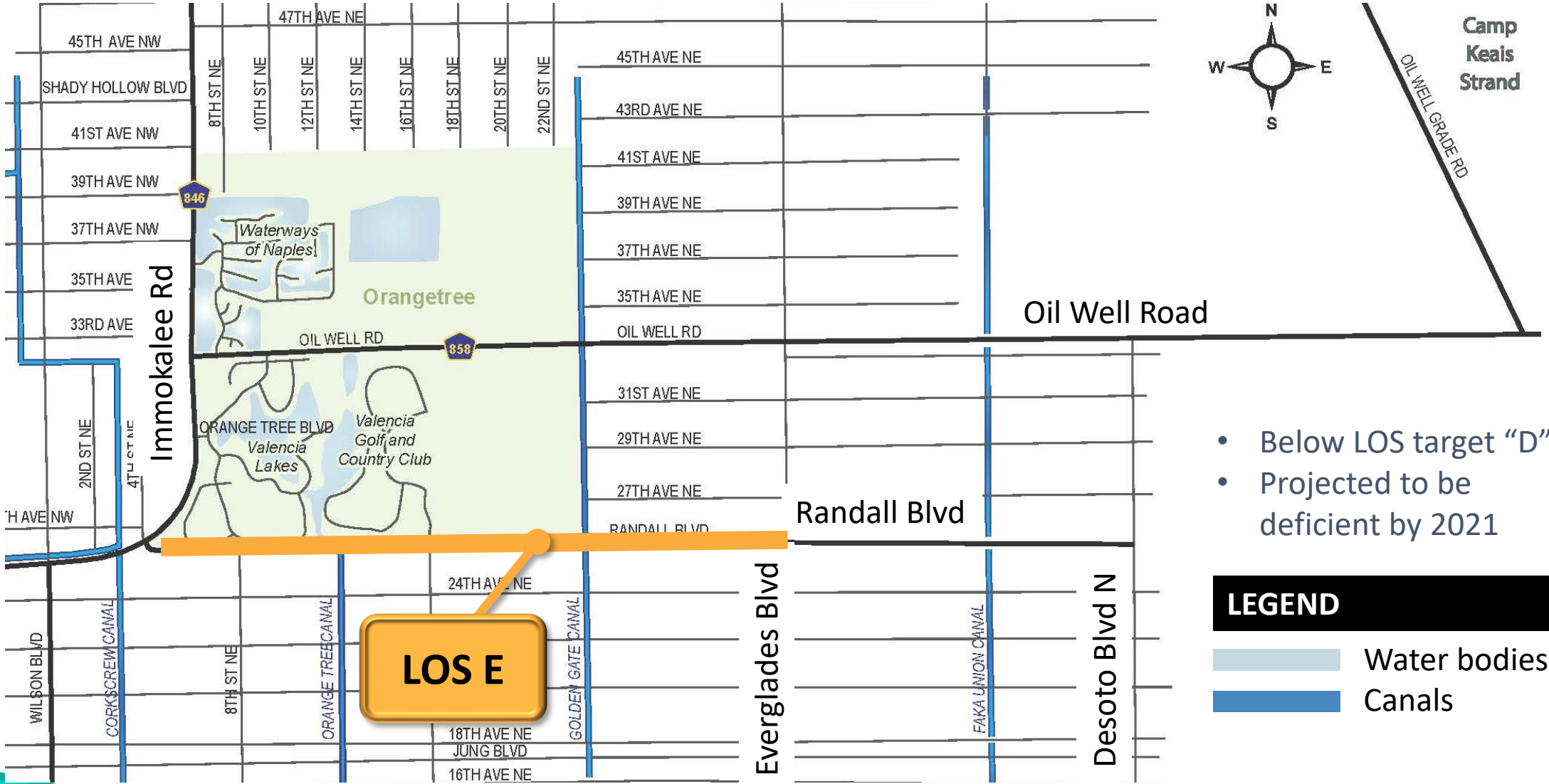
Study Area Map



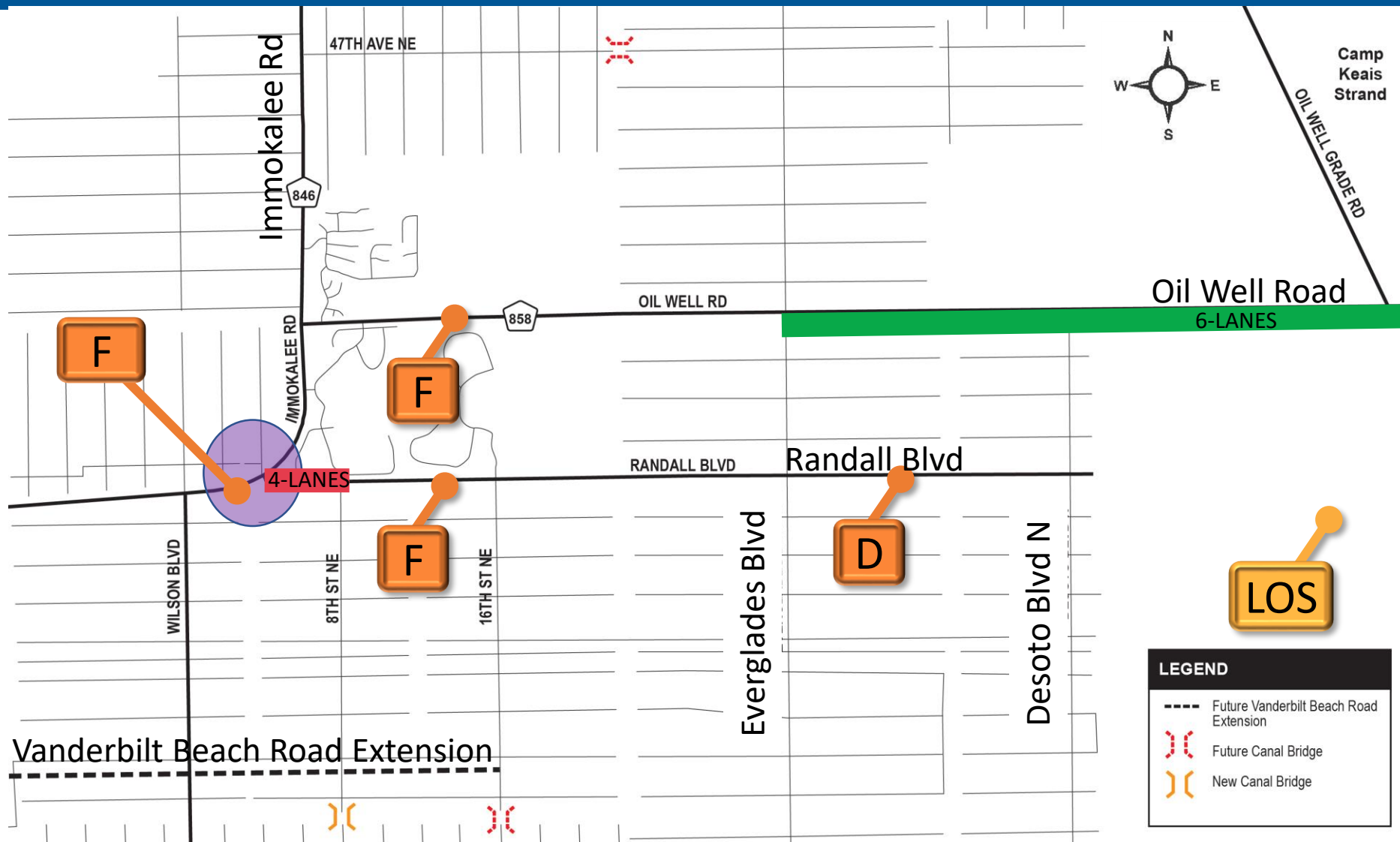
LEGEND

- Study limits
- Water bodies
- Canals

Traffic Demand (Existing Conditions)



No Build 2045



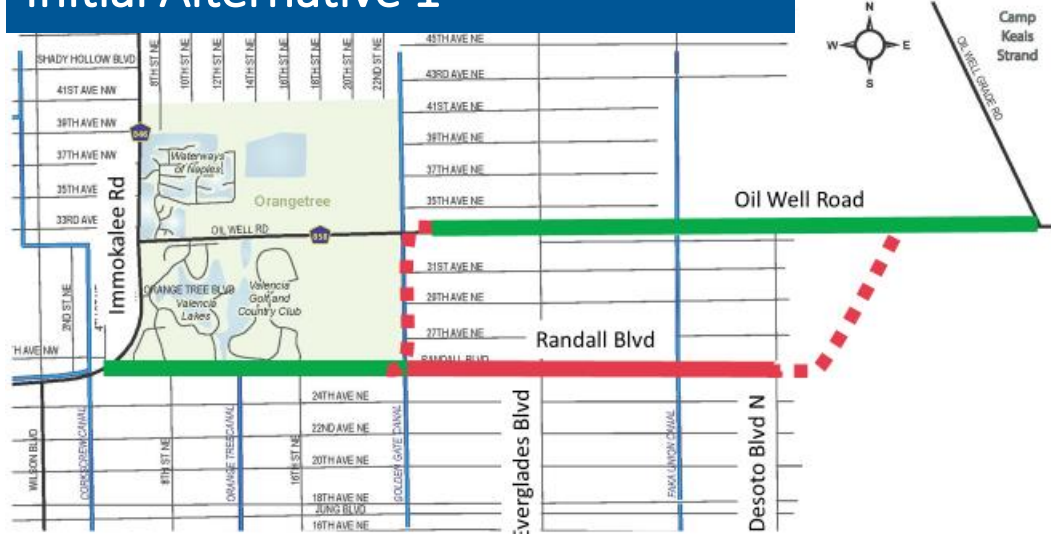
No Build:

- Segments fail as they approach Immokalee Rd
- Need for 6 lanes on Randall Blvd west of Everglades Blvd
- Future 2045 Traffic does show need for 4-lanes on Randall Blvd from Everglades to DeSoto

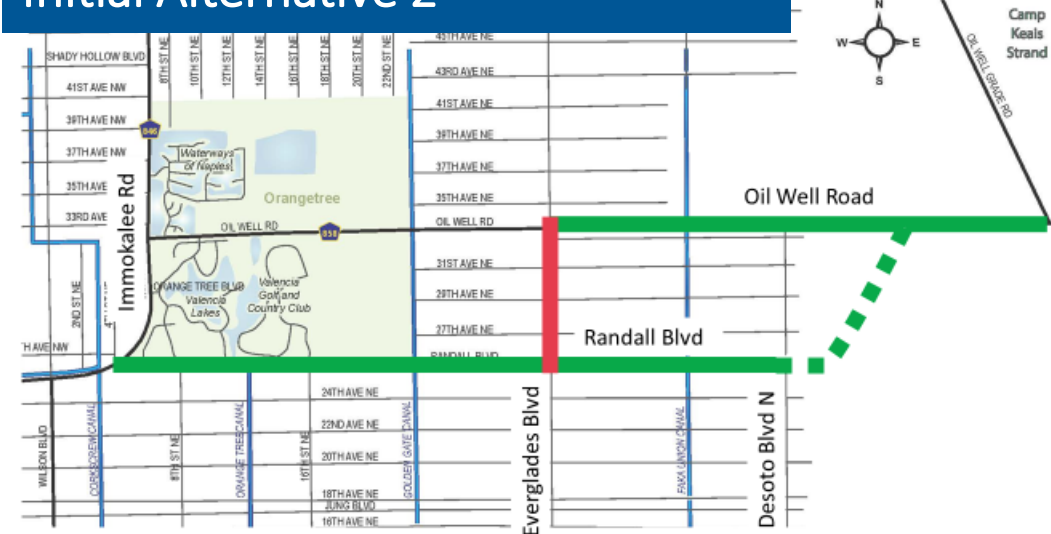
Initial Alternatives

Initial Alternatives

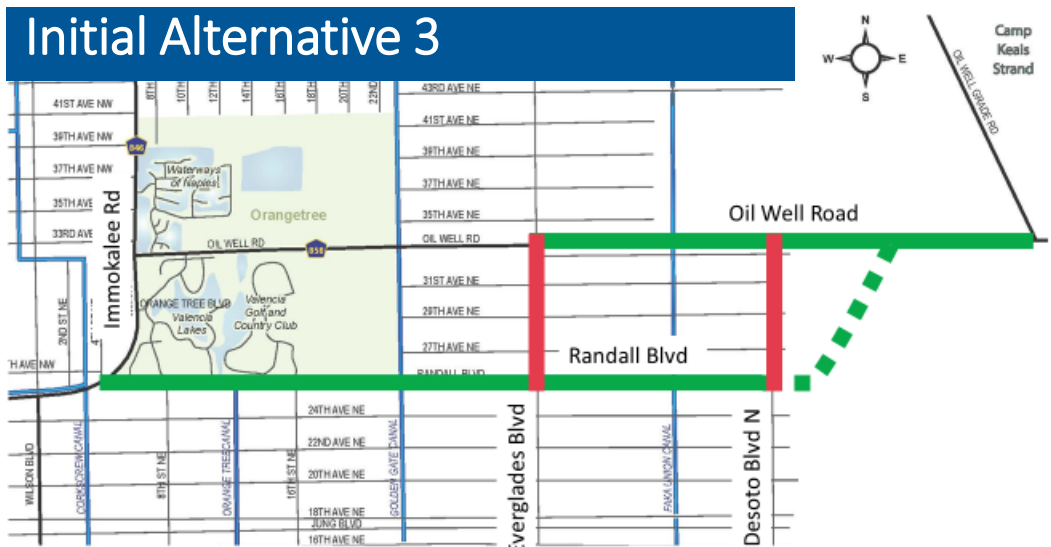
Initial Alternative 1



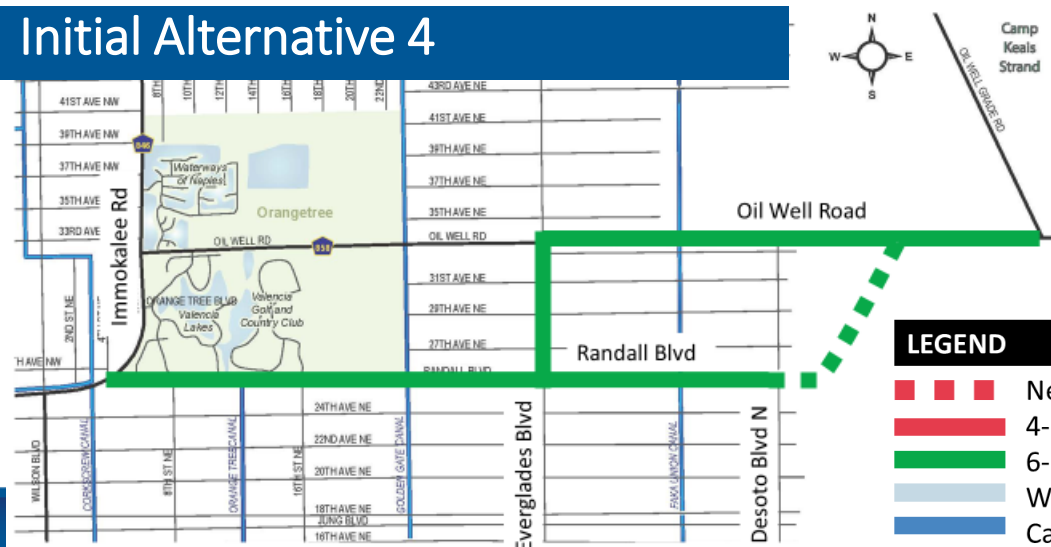
Initial Alternative 2



Initial Alternative 3



Initial Alternative 4



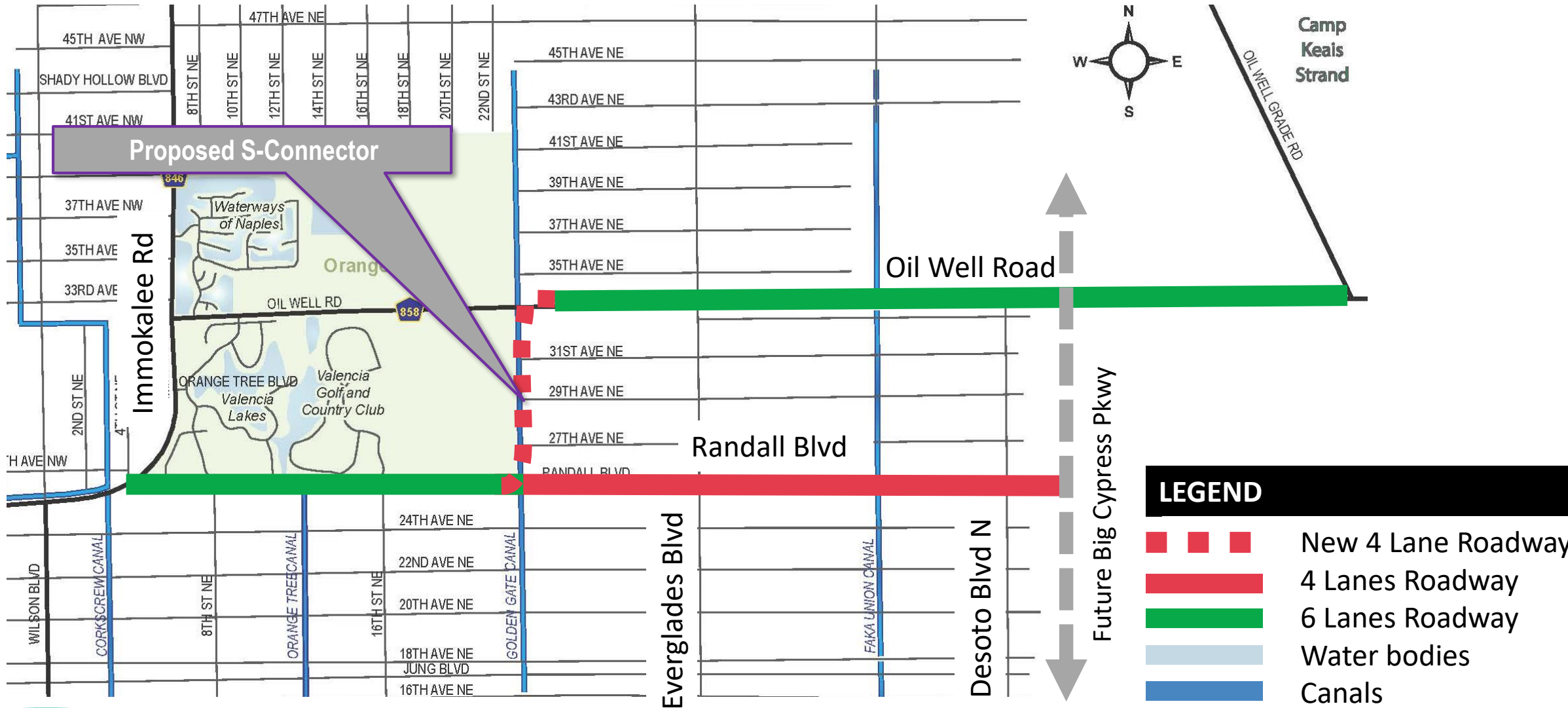
LEGEND

- ■ ■ New Roadway
- 4-Lane Roadway
- 6-Lane Roadway
- Water bodies
- Canals

Viabile Alternatives

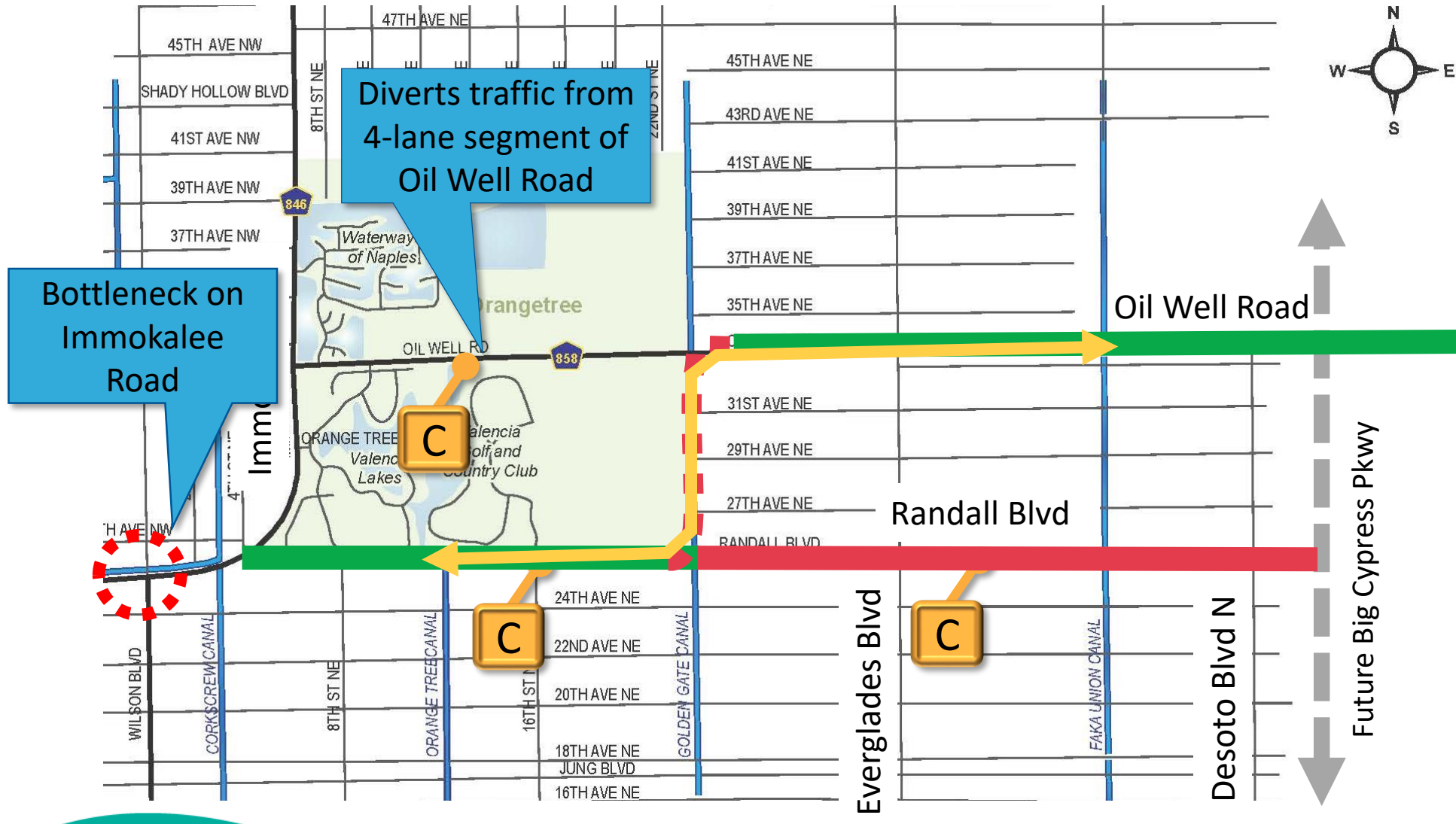
Viable Alternative 1

4-Lane New Alignment "S-Connector"



Viable Alternative 1

4-Lane New Alignment "S-Connector"



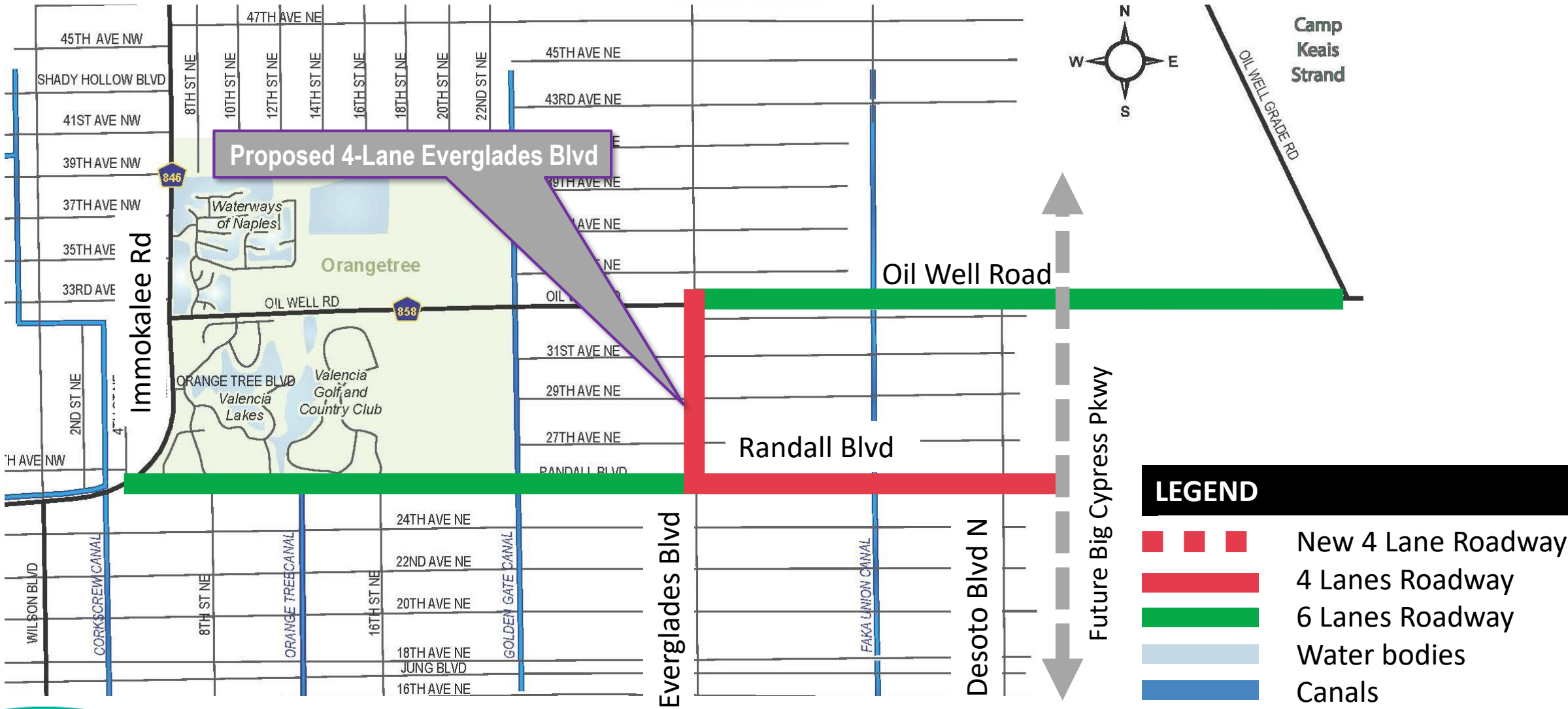
S-Connector provides:

- Best for operations on Oil Well Road
- Gets traffic west faster which causes them to fail
- Higher impacts and cost

LOS Level of Service

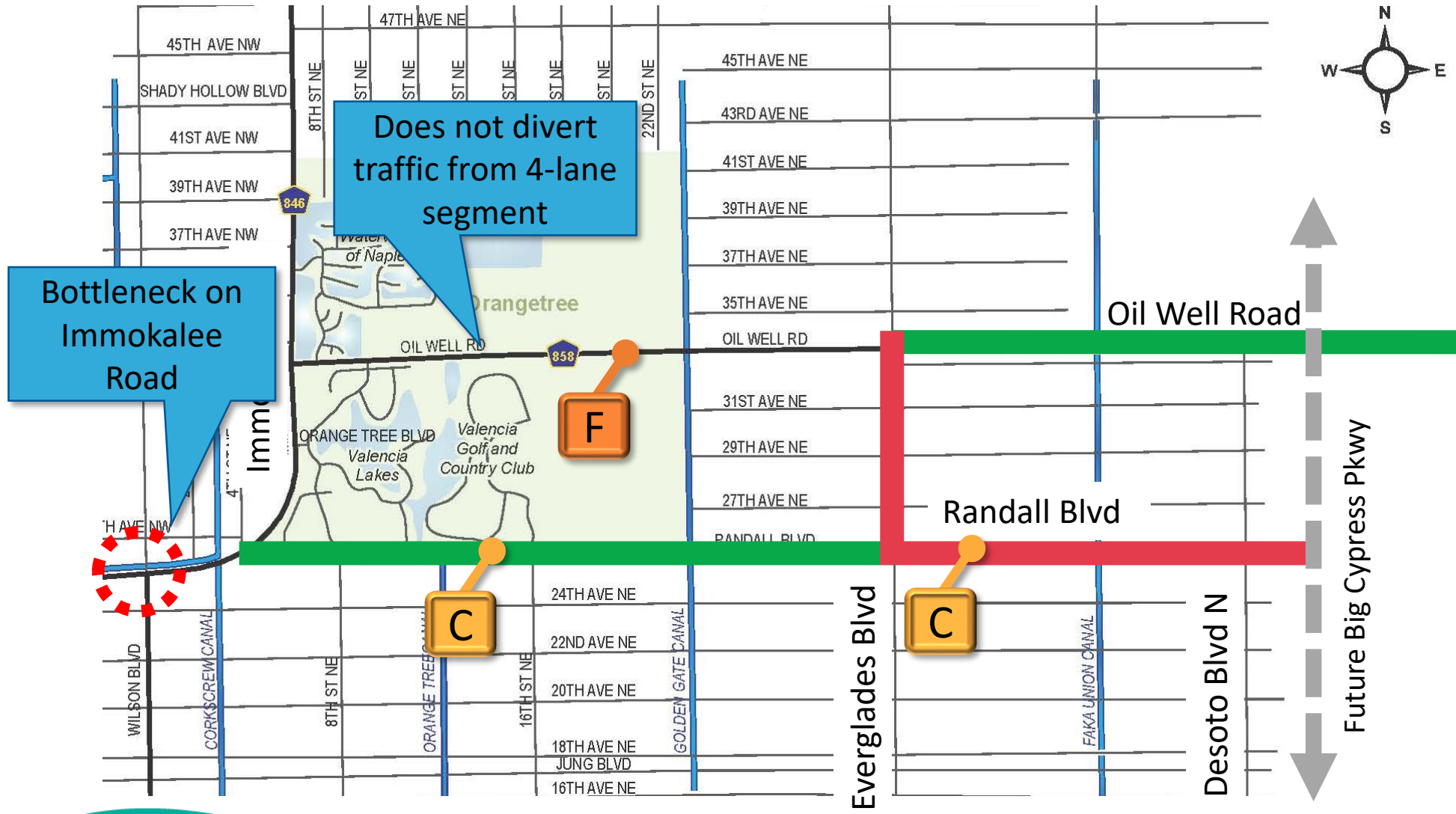
Viable Alternative 2

4-Lane Everglades Blvd



Viable Alternative 2

4-Lane Everglades Blvd



- Enhances existing/future network
- More delays at intersections
- Intersections along Immokalee may fail
- Less impacts and cost

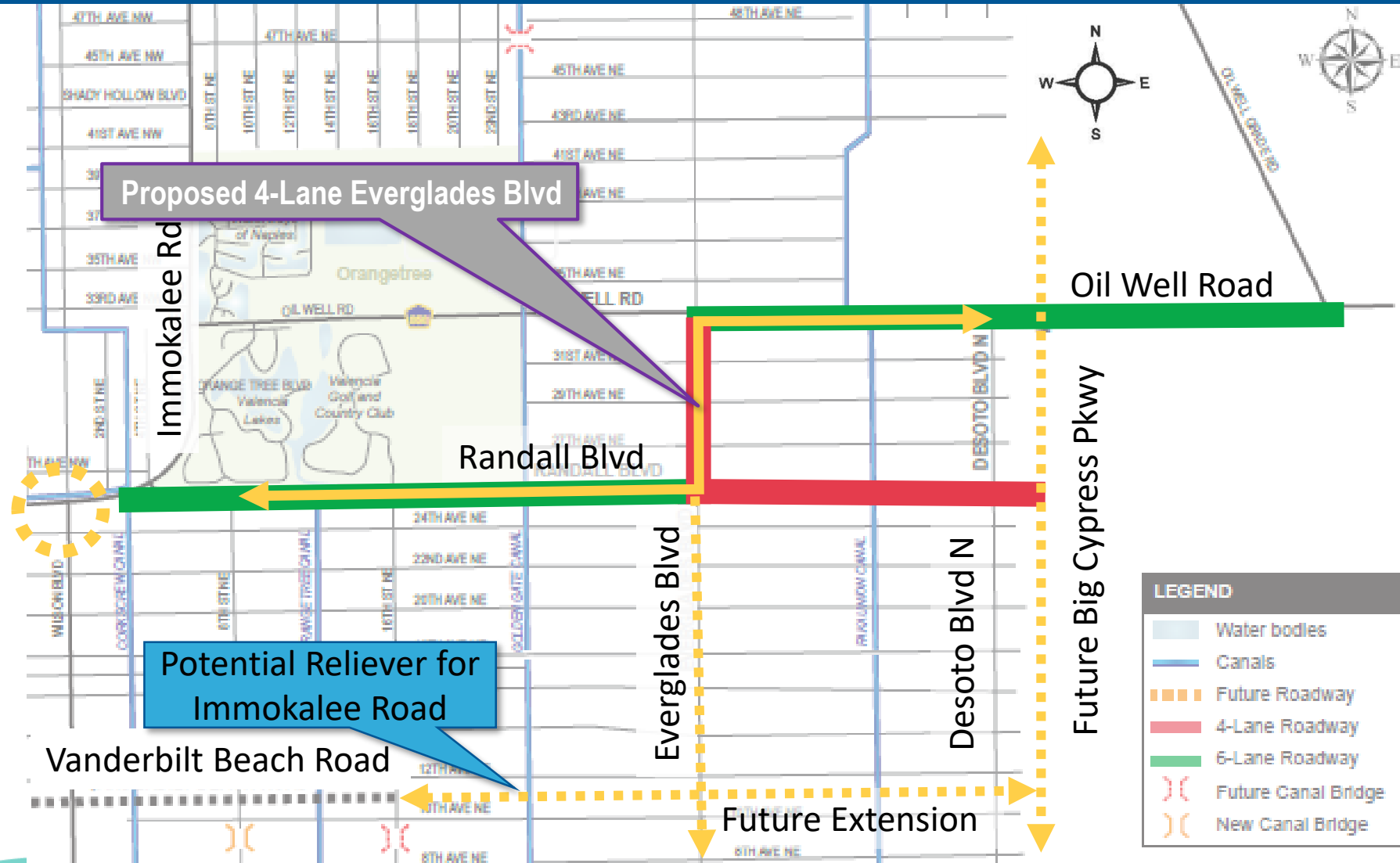
LOS Level of Service

Comparative Evaluation Matrix

Evaluation Criteria		No-Build Alternative	Viable Alternative 1 New Alignment "S-Connector"	Viable Alternative 2 4-Lane Everglades Blvd
BENEFITS	Reduce Congestion	Randall Blvd LOS F Oil Well Rd LOS F	Randall Blvd LOS C Oil Well Rd LOS C	Randall Blvd LOS C Oil Well Rd LOS F
	Enhance Mobility	No Improvement	New North-South Connection	Best Enhances Road Network
	Improve Safety	No Improvement	Improves corridor safety but adds conflicts at new intersections	Improves corridor and intersection safety
	Enhance Emergency/Evacuation	No Improvement	Enhances existing network	Everglades Blvd is Evacuation Route
IMPACTS	Right- of-Way Impact (acres)	None	99.4	59.7
	Total Parcels Impacted	None	343	395
	Potential Residential Displacements (No.)	None	0	0
	Potential Business Displacements (No.)	None	0	0
	Community Use Parcel Impacts (No.)	None	0	0
	Wetland Impacts (acres)	None	10	6
	T&E Species Habitat Potential Effects	None	Medium	Medium
	Canal crossings (No. of bridges)	None	4	2
COST	Estimated Preliminary Project Cost (in 2018 \$ Millions)	\$0	\$98M	\$80M

COST DOES NOT INCLUDE: utility relocations, landscaping, environmental permit fees, dump fees, or disposal of contaminated soils.

Viable Alternative 2 Plus (2+) Future Network 4-Lane Everglades Blvd



- Best for enhancing the future roadway network
- Relieves intersections along Immokalee Rd.
- Connects to future North-South Connector Big Cypress Parkway
- Connects to Vanderbilt Beach Rd. future extension

Typical Section Recommendation

Urban Typical Section 4-Lane

- 4-Lanes in 180 ft Right of way

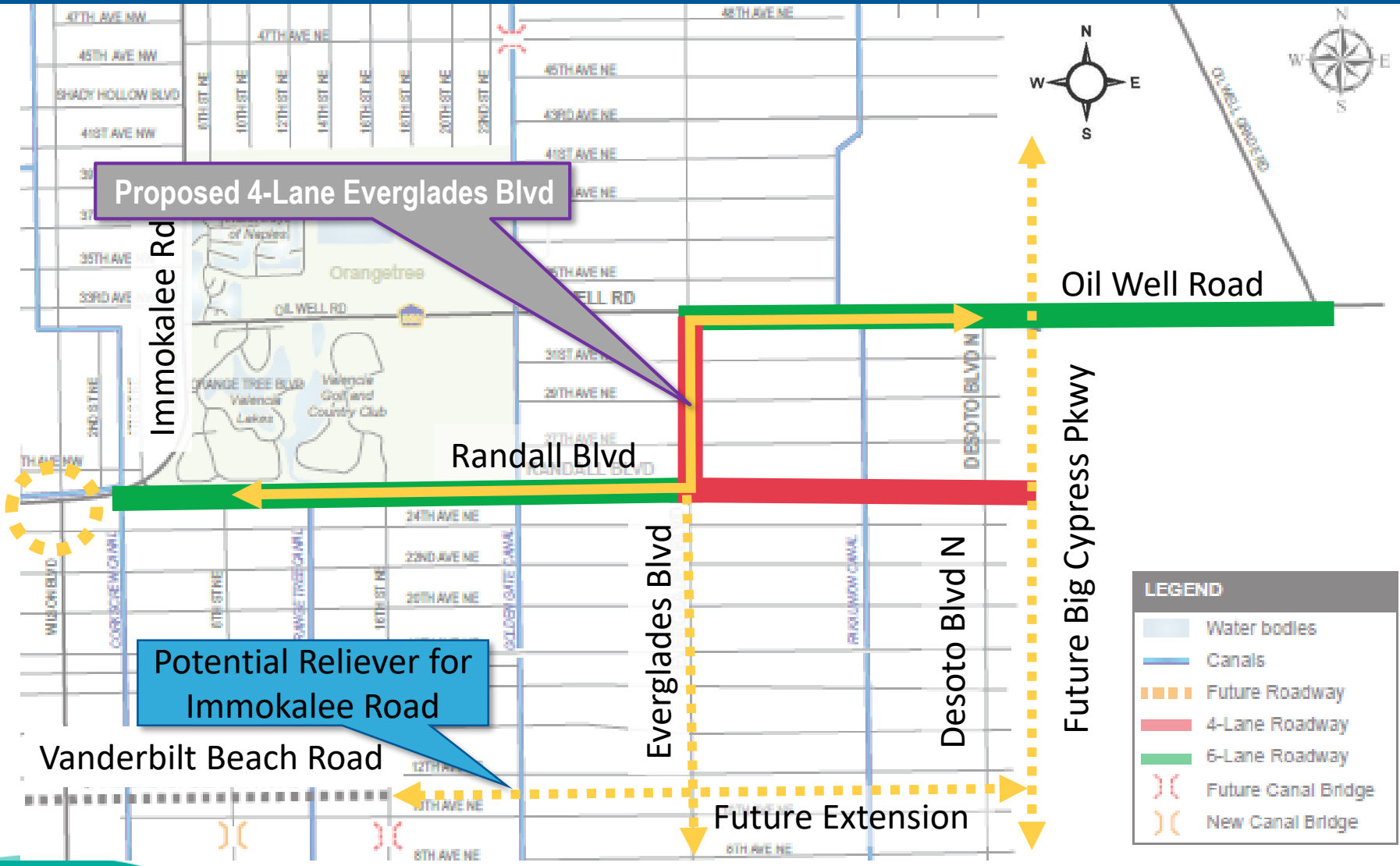


Urban Typical Section 6-Lane

- 4-Lanes in 204 ft Right of way
- Expandable in median to 6-Lanes in 204 ft Right of way



Staff Recommendation Viable Alternative 2 Plus (2+) Future Network 4-Lane Everglades Blvd



- Randall Blvd. (west of Everglades Blvd.) = 6-lane widening.
- Randall Blvd. (east of Everglades Blvd.) = 4-lane widening.
- Everglades Blvd. (Oil Well Rd. to Randall Blvd.) = 4-lane widening.
- Provide all study results to the Collier MPO for consideration in the 2045 LRTP.



**Randall Blvd
and Oil Well Rd**
CORRIDOR STUDY

Thank You