

SR 436 Concept Development Study

From U.S. 17/92 to Wilshire Drive





FM No.: 435729-1

Title VI

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Meeting Agenda

- 1. Overview of corridor planning study process
- 2. Study area and location
- 3. SR 436 interim alternative concept development
- 4. Next steps





When Should We Plan?

State Directives

Regional Planning and Priorities (LRTPs)

PD&E & Final Preliminary Preliminary Engineering Permitting

ROW & Construction & Maintenance



Planning Process

Phase 1: Define Problem

Phase 2: Define Guiding Principles Phase 3: Define & Select Alternatives

1.1 Initial Stakeholder Outreach 2.1 Define Guiding Principles

3.1 Define Alternatives

1.2 Collect Data

2.2 Define Purpose & Need 3.2 Compare Alternatives

1.3 Synthesize Issues & Opportunities

2.3 Define Measures of Success

3.3 Select Alternatives
& Determine
Next Phase

Stakeholder Outreach

Programming & Implementation



Study Location





The Interim Alternative

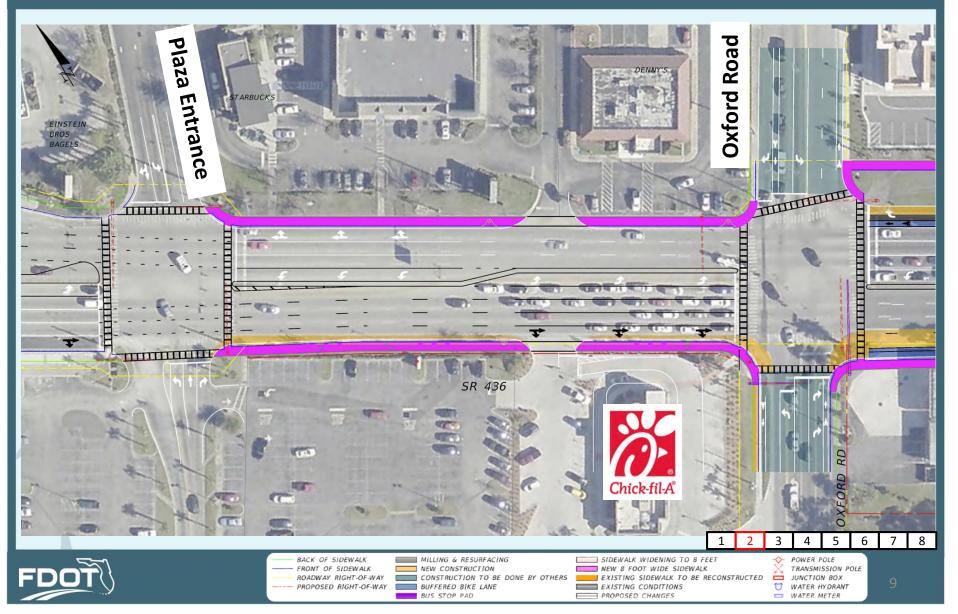




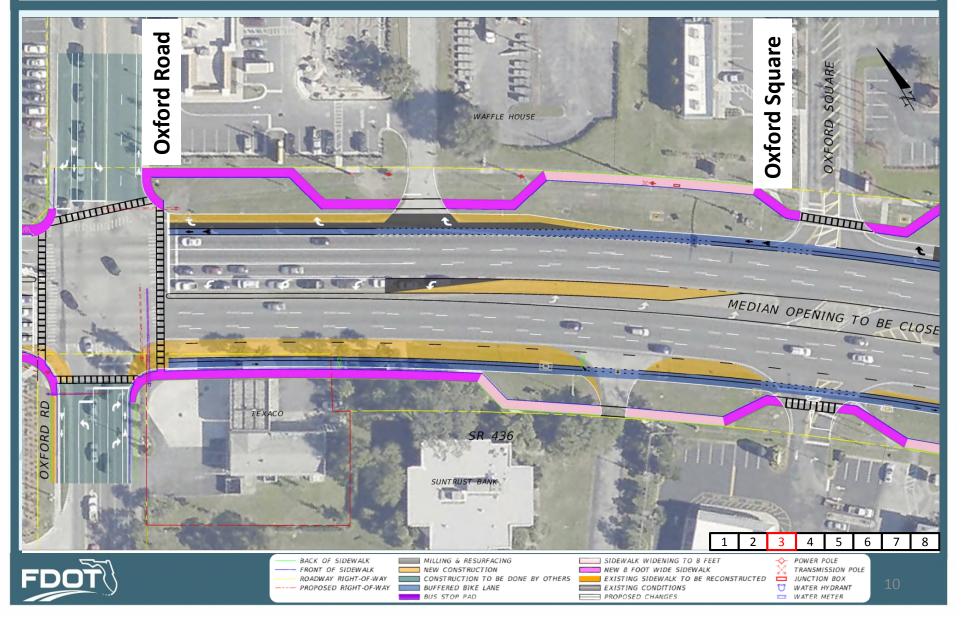
Next Phases After Planning for Transportation Strategies

Planning defines **Alternatives Resulting from Planning** the problem, determines purpose, need, **Land Use Transportation** Other alternatives. **Strategies Strategies Strategies** PD&E or CD evaluates alternatives screened in PD&E **Concept Development** planning and chooses preferred alternative. Design Phase creates Design Design construction plans. **ROW Acquisition** Construction Maintenance and/or Operation Construction

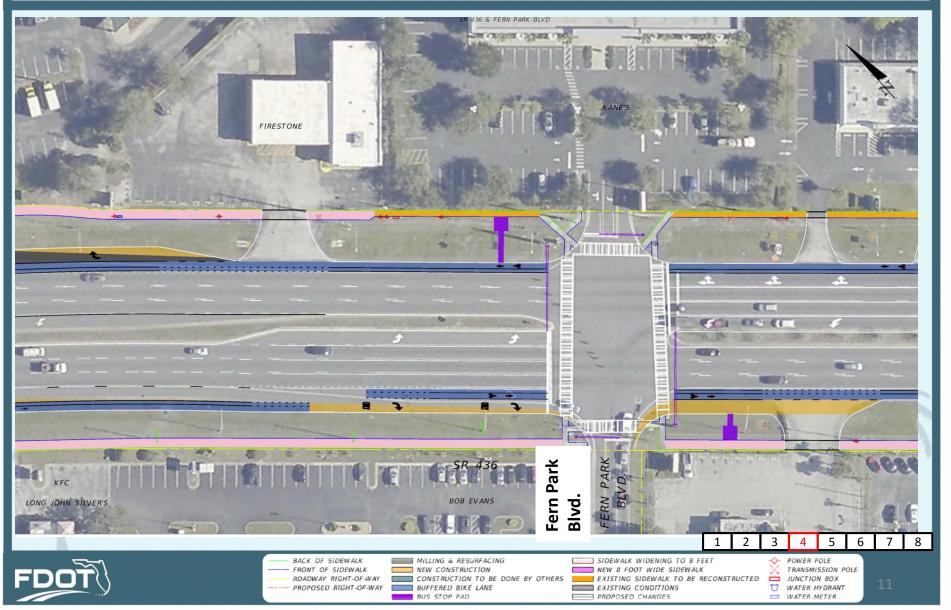
Eastbound Auxiliary Lane (Overview)



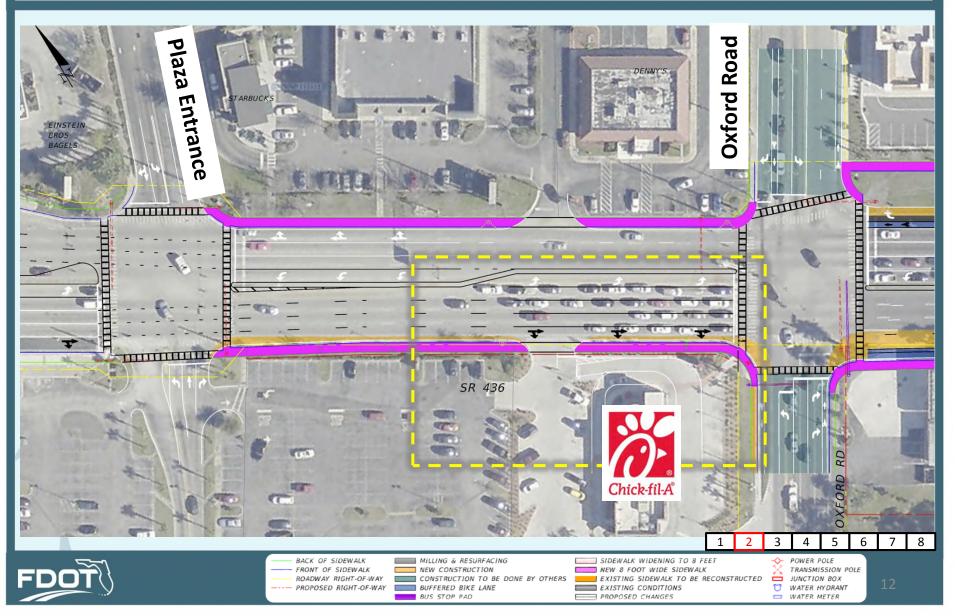
Eastbound Auxiliary Lane (Overview)



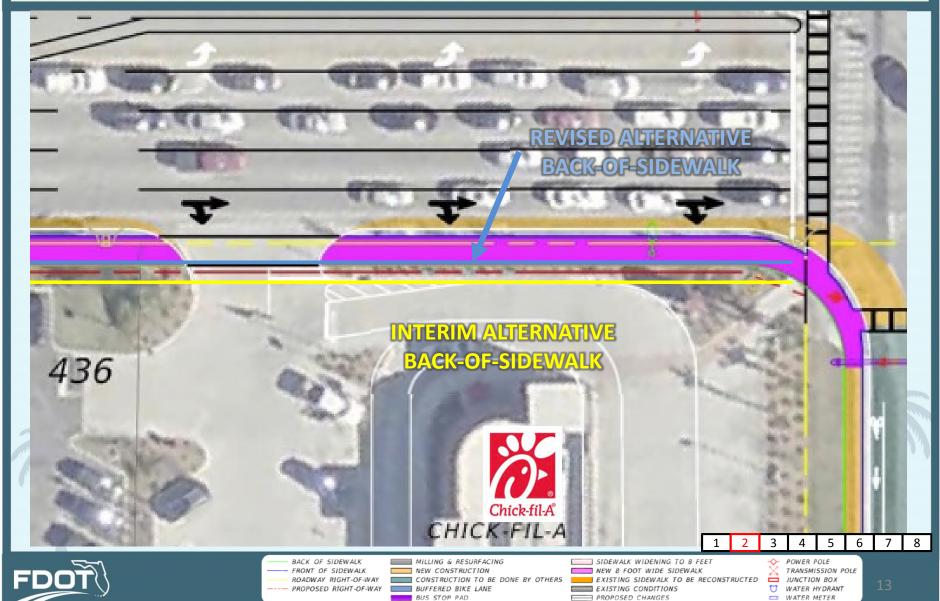
Eastbound Auxiliary Lane (Overview)



Eastbound Auxiliary Lane (Chick-Fil-A Impact)



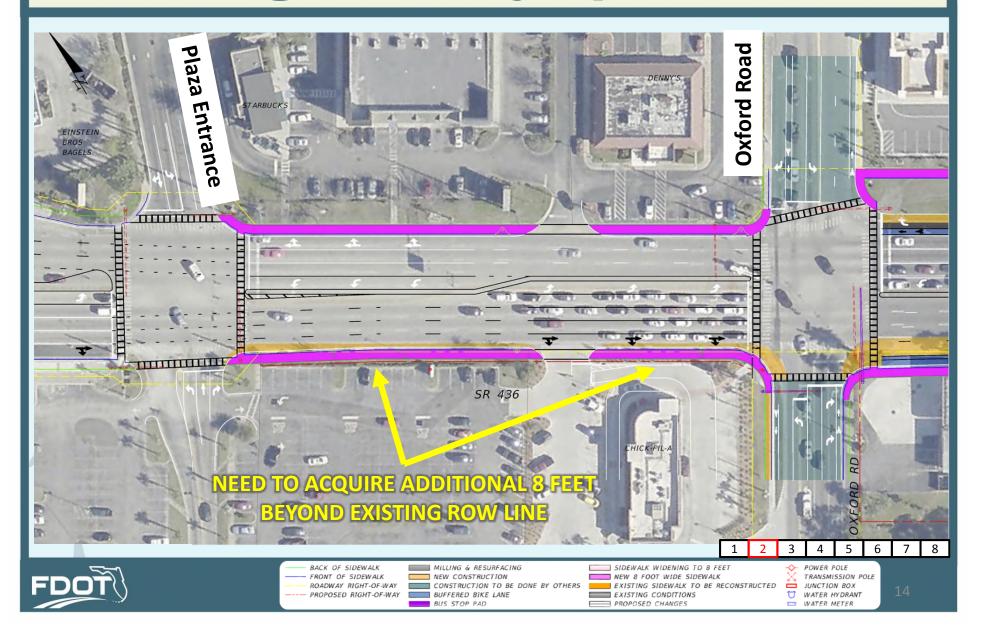
Eastbound Auxiliary Lane (Chick-Fil-A Impact)



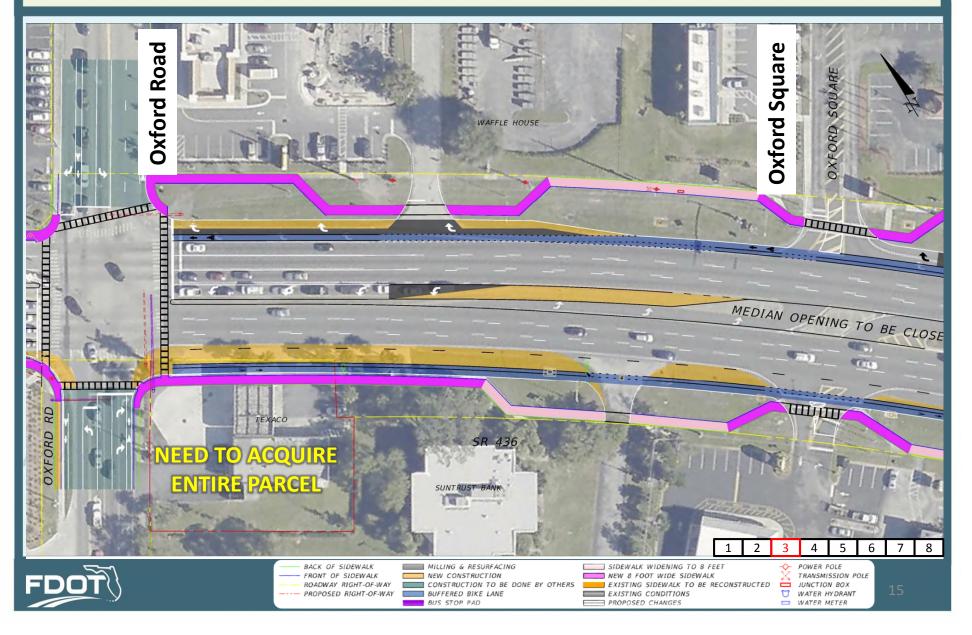


WATER METER

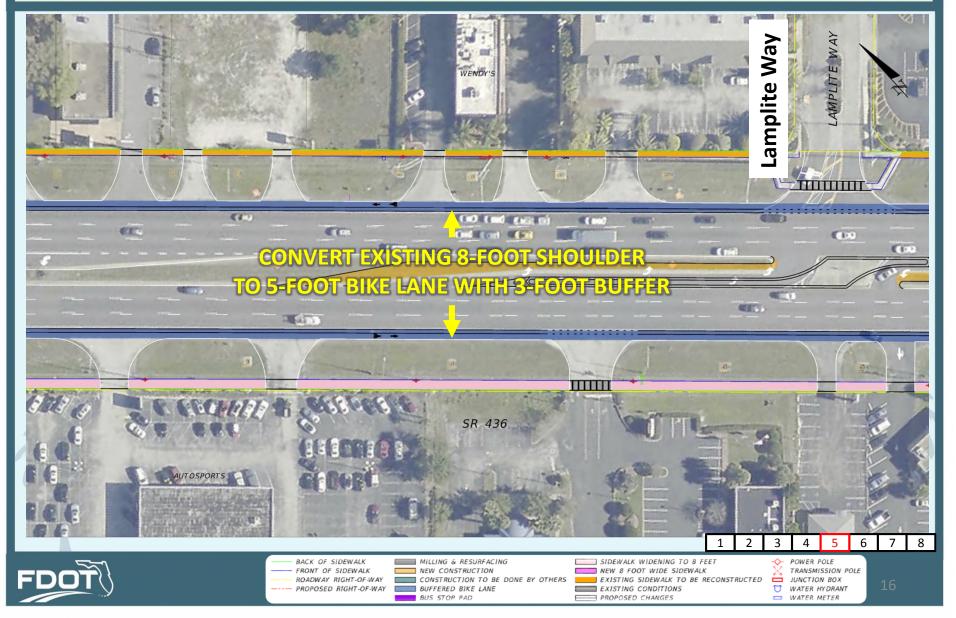
Right-of-Way Updates

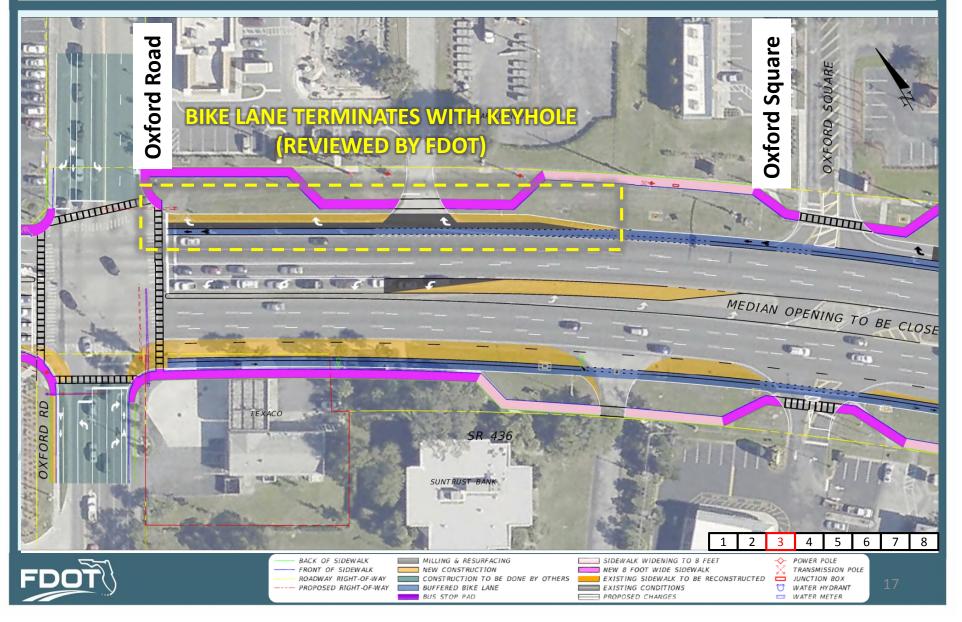


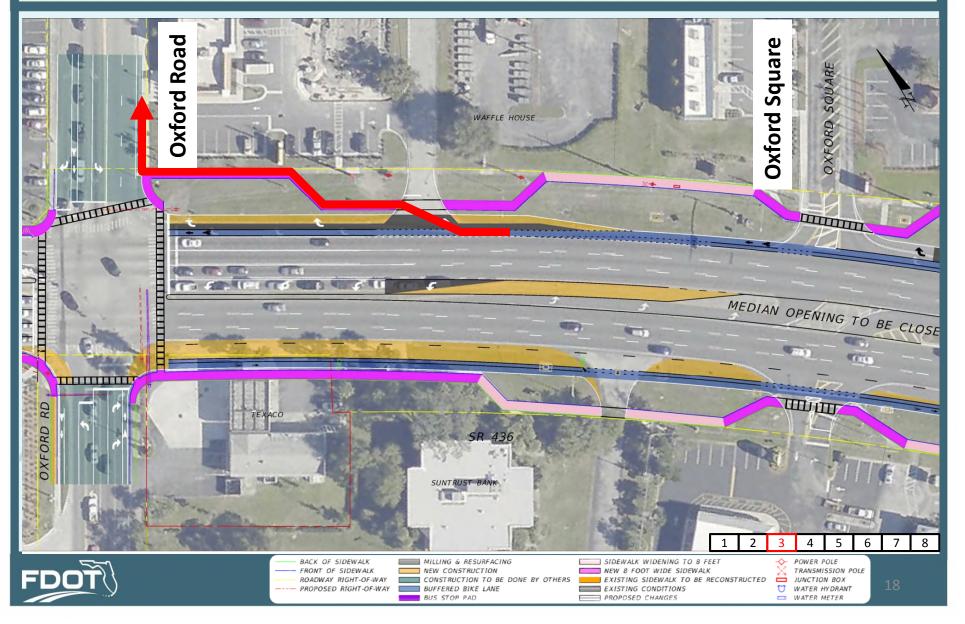
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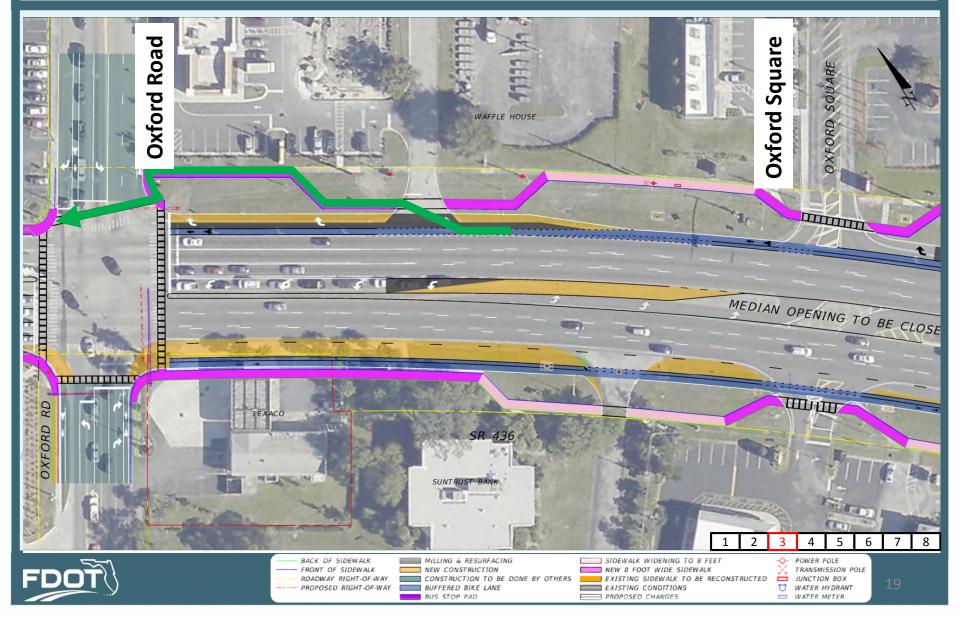


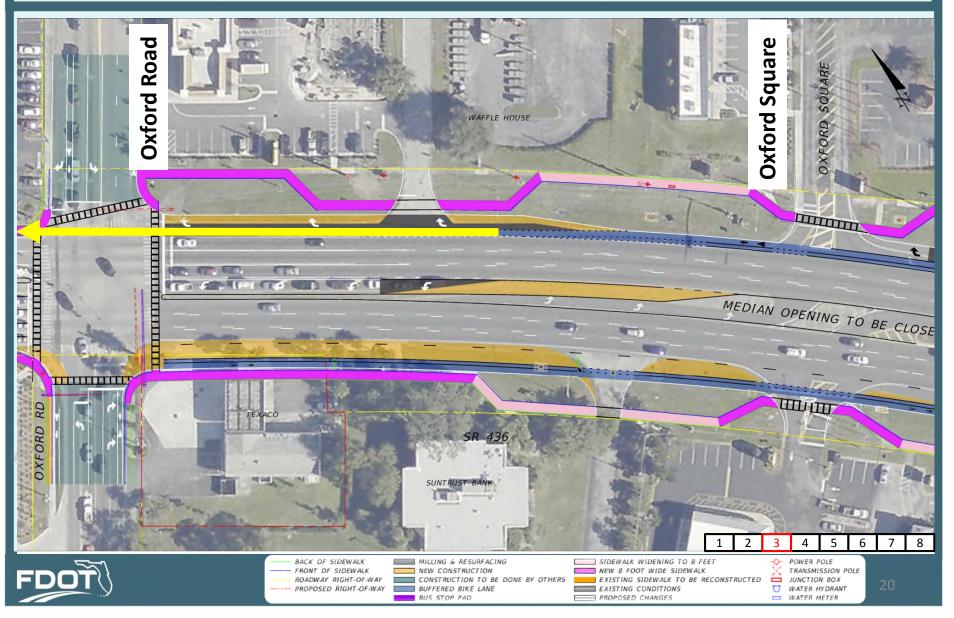
Bicycle Lane Improvements (Shoulder Conversion)

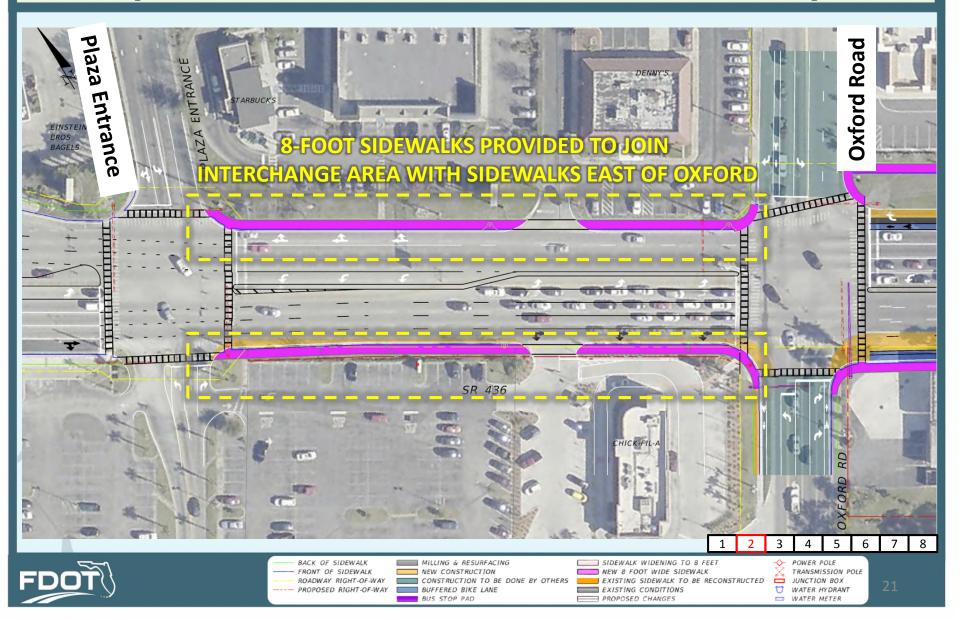




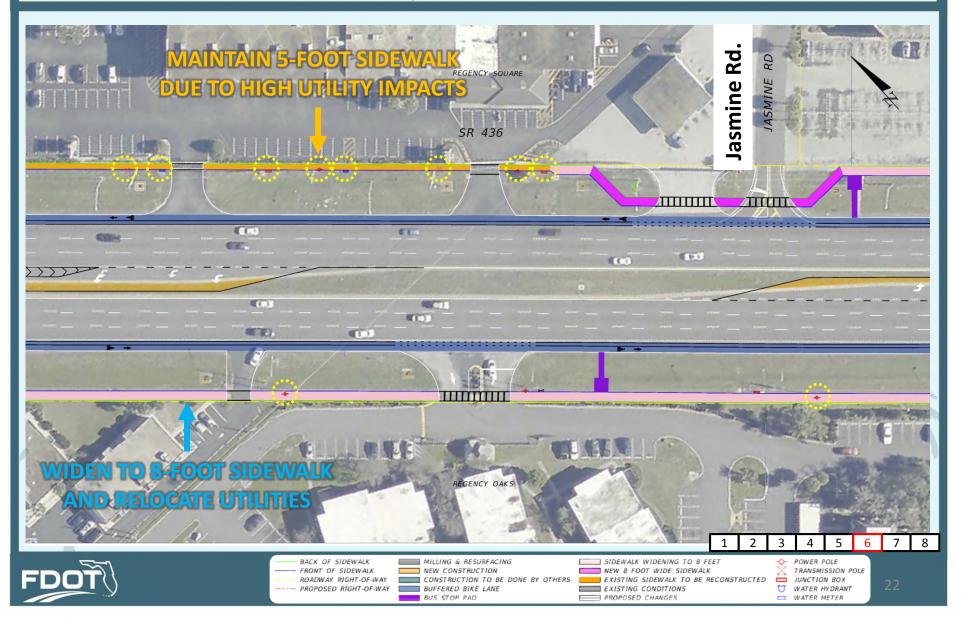








Sidewalk Improvements/Utility Adjustments

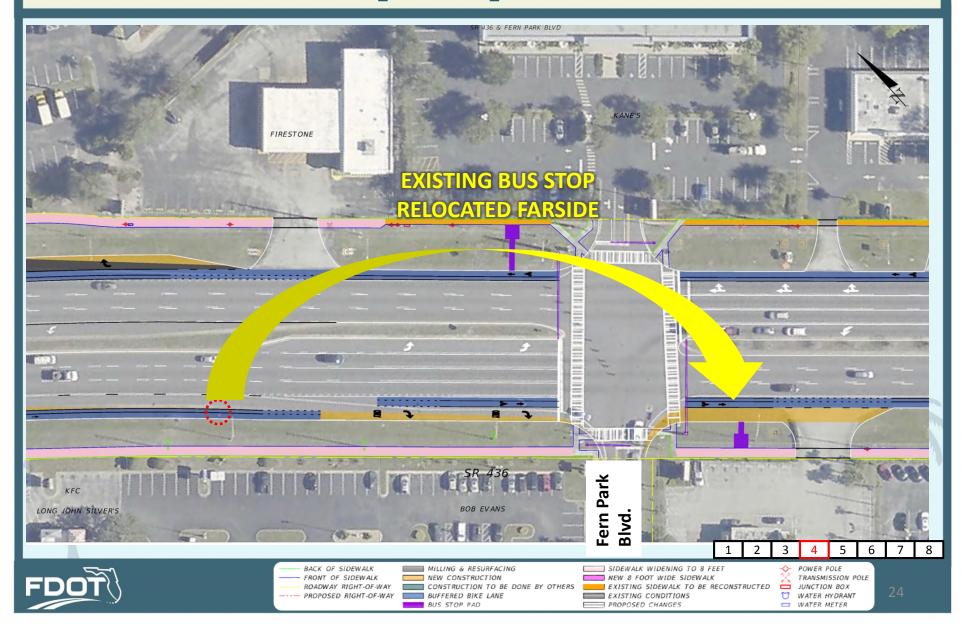


Utility Assessment Summary

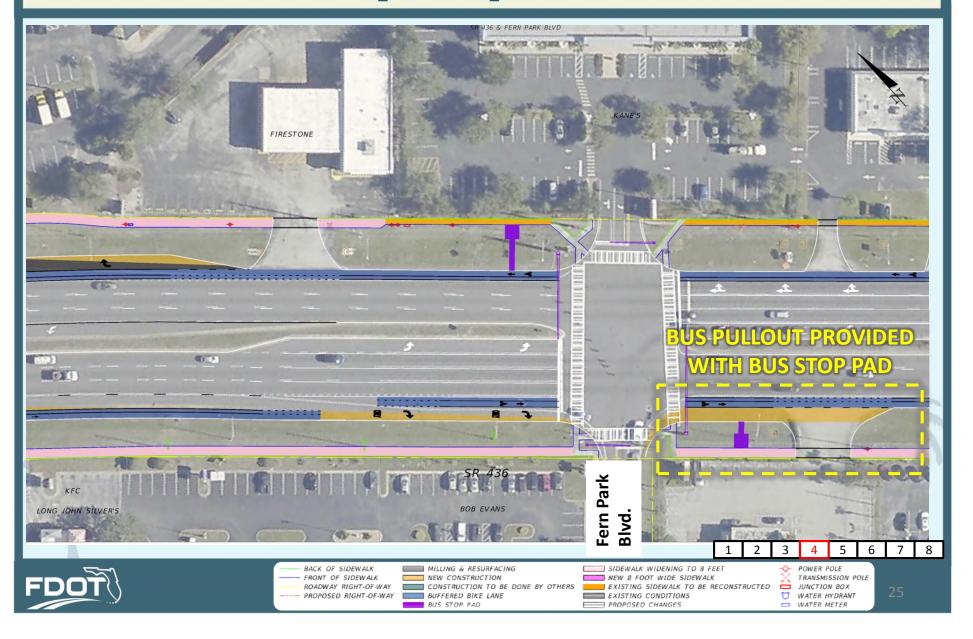
- 17 power poles
- 8 transmission towers
- 9 light poles
- 8 drainage facilities
- Cost to relocate power poles/transmission lines \$150K per pole for a <u>total cost of \$3.75 million</u>
- Light pole and drainage facilities to be included in construction cost estimate update



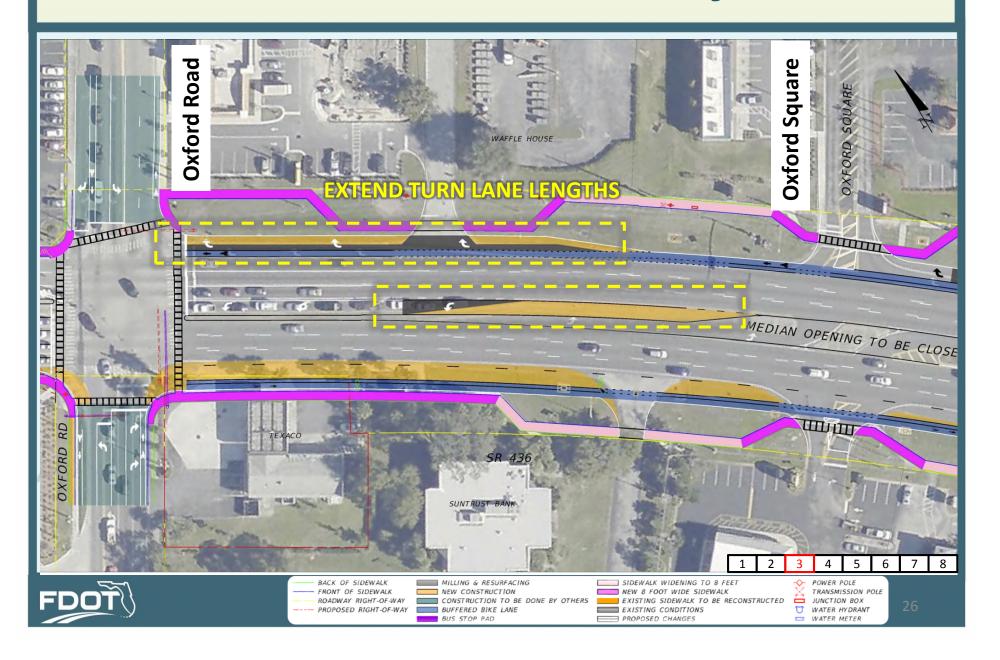
Bus Stop Improvements



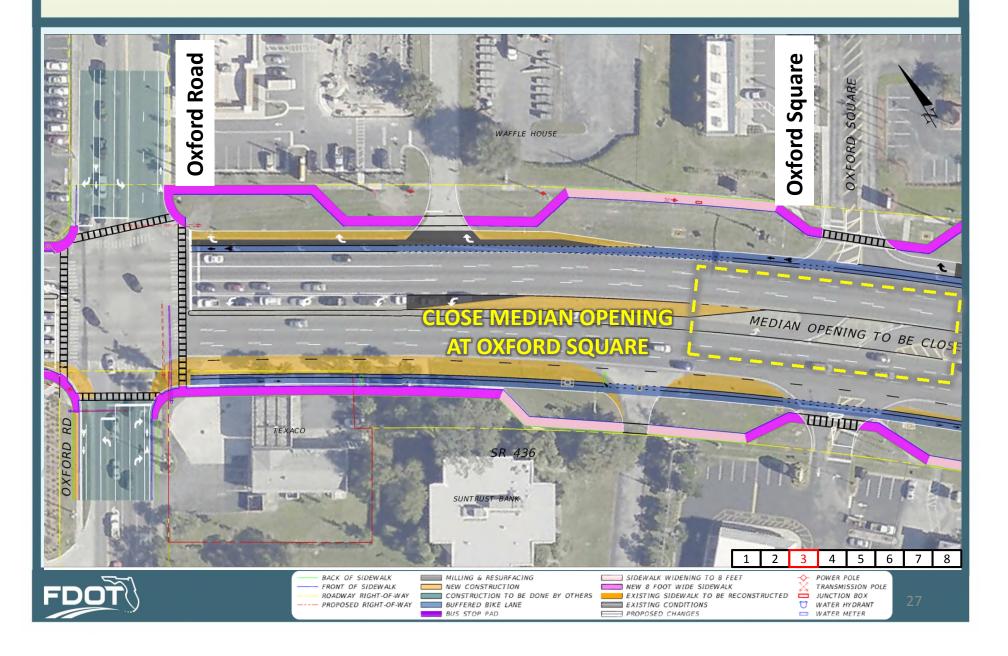
Bus Stop Improvements



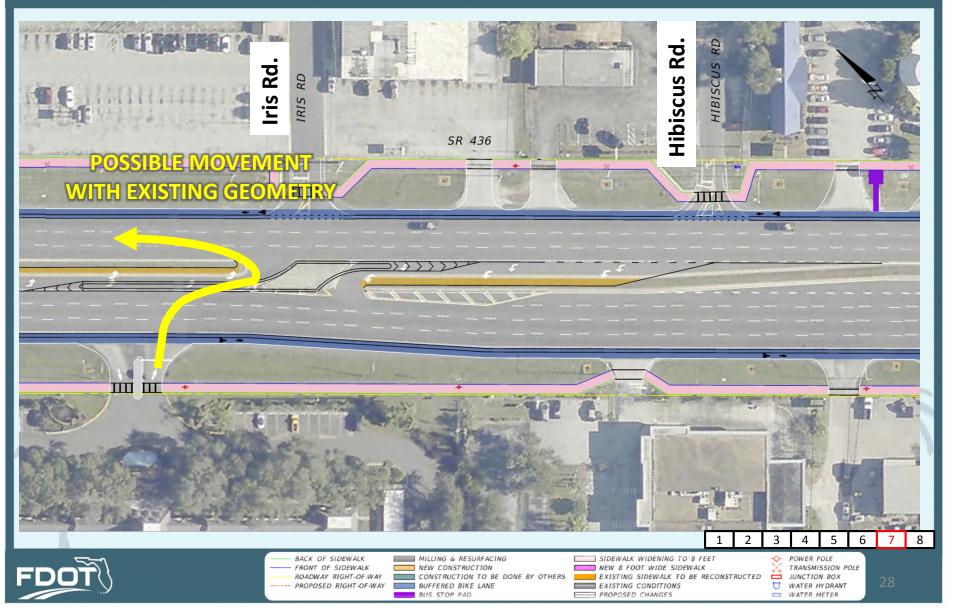
Turn Lane Extensions + Access Adjustments



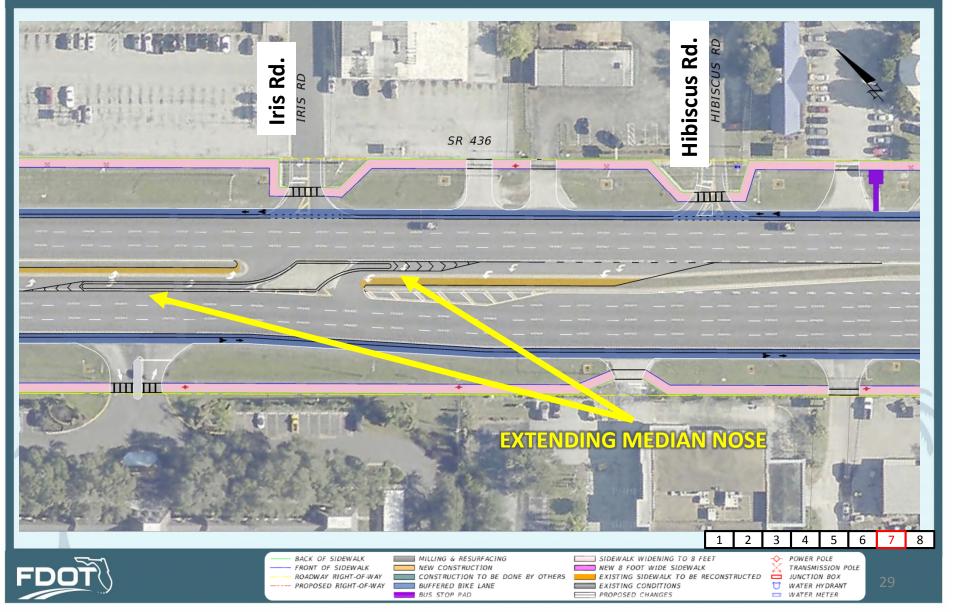
Turn Lane Extensions + Access Adjustments



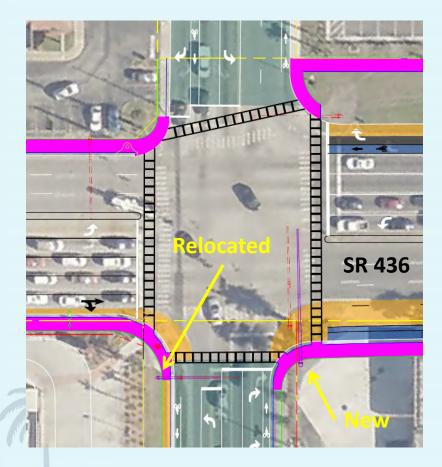
Turn Lane Extensions + Access Adjustments (Median Opening Adjustments)



Turn Lane Extensions + Access Adjustments (Median Opening Adjustments)



Mast Arm Adjustments & Additions



SR 436/Oxford Road

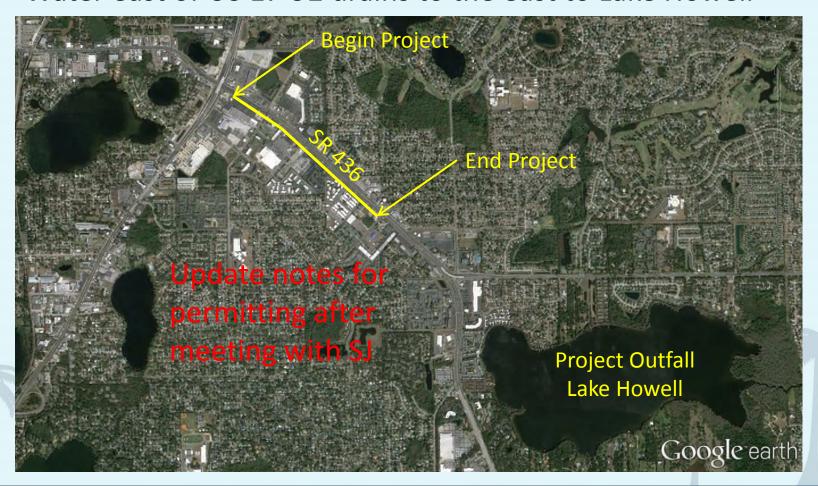


SR 436/Fern Park Boulevard



Drainage Assessment

Water east of US 17-92 drains to the east to Lake Howell





Preliminary Cost Estimate

Alternative	Design & Construction Engineering/ Inspection	Utilities	ROW	Construction	Total Cost
Interim Alternative from Planning Study	\$450,000	\$6,000,000	\$5,100,000	\$1,120,000	\$12,670,000
Revised Alternative from Concept Development	\$450,000	\$3,750,000	\$4,000,000	\$1,120,000	\$9,320,000
Difference	\$0	\$2,250,000	\$1,100,000	\$0	\$3,350,000



Next Steps

- Revise construction cost estimate and review with FDOT
- Meeting with FDOT to discuss corridor lighting
- Prepare project for design phase



Open Discussion

Questions

Comments

Suggestions



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