



Project Objective




- The purpose of this project is to provide an **enhanced multimodal transportation network** that promotes the creation of a more **walkable** community, improves **access to employment**, supports **economic development** goals and provides **safe and convenient** access to users of **all ages and physical abilities**.



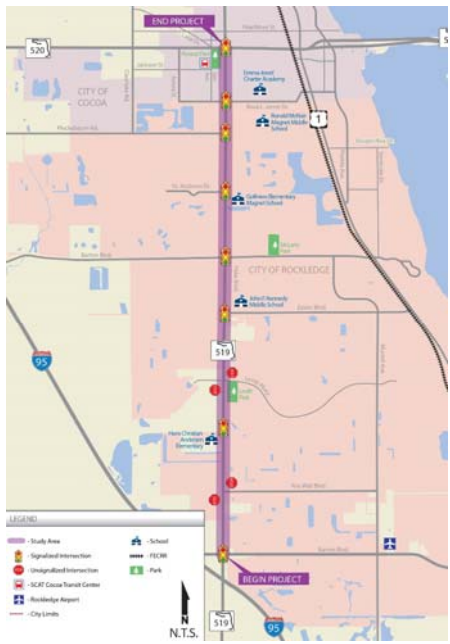


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Project Study Area

- Study Area Limits
 - From County Road (C.R.) 502 (Barnes Boulevard)/Interstate 95 (I-95) northbound ramps to State Road (S.R.) 520 (King Street)
- Length
 - Approximately 4.2 miles
- Jurisdictions:
 - City of Rockledge: from Barnes Blvd to Rosa L Jones Dr
 - City of Cocoa: from Rosa L Jones Dr to SR 520
- Originally a county road transferred to FDOT in the 80's
- Transitional character with varying cross sections
- Primary north-south route between I-95 and S.R. 520
- Connection to Viera to the south
- Context Classification: C3R, C3C, and C4



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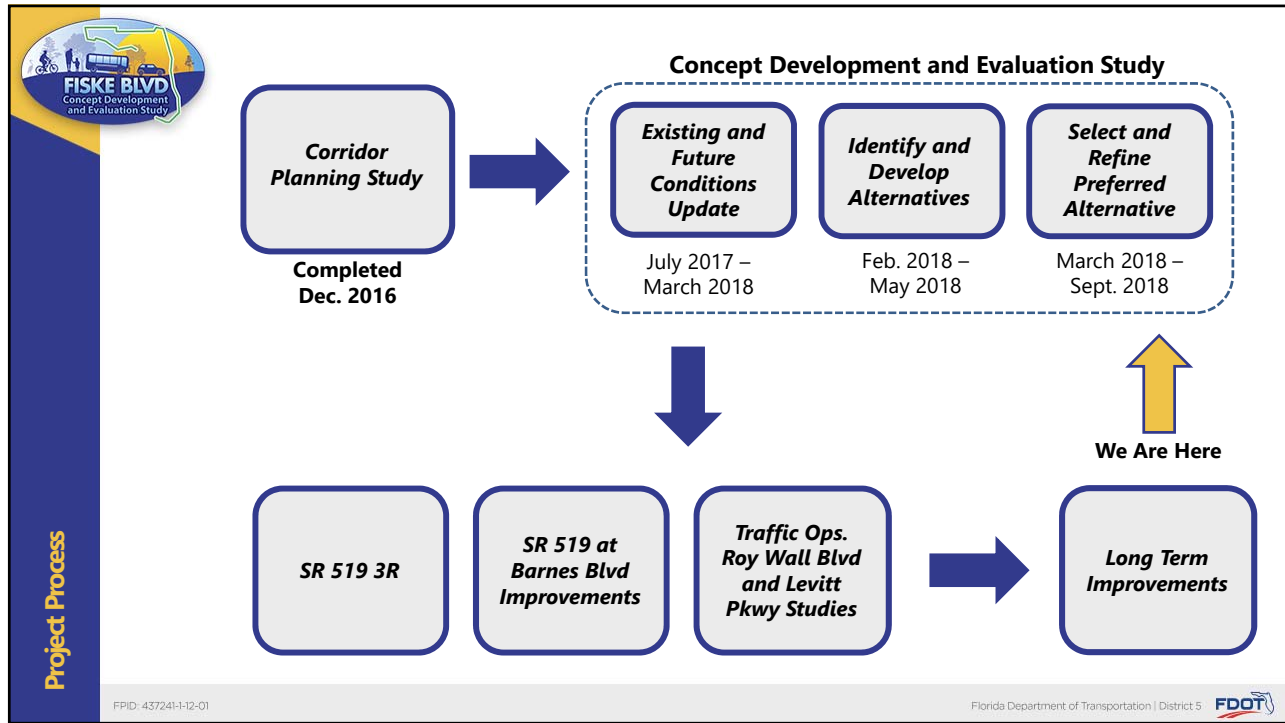
Project Coordination

- City of Cocoa
- City of Rockledge
- Brevard County
- Space Coast Transportation Planning Organization
- Space Coast Area Transit
- Brevard County School Board
- City of Rockledge Police Department
- Brevard County Sheriff's Office
- East Central Florida Regional Planning Council



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Existing Conditions Overview

- Data updated for Corridor Planning Study
- Data gathered included:
 - Turning Movement Counts (TMCs)
 - Bicycle and Pedestrian Counts
 - Signal Timings
 - Corridor Crash Data
 - Transit Data
 - Existing and Future Land Use
 - Socio-Economic Data
 - Infrastructure Assessment
 - Environmental Data

Analysis and Findings

<http://www.cflroads.com/project/437241-1>

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Existing Conditions Overview

- Similar conditions to Planning Study
- Main Differences:
 - Higher traffic volumes:
 - North: 2%
 - South: 15%
 - Higher number of crashes



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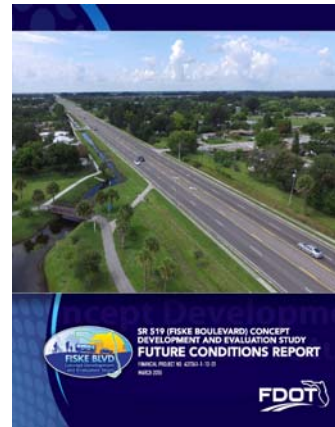


Future Conditions Overview

- Conditions forecasted to Year 2040
- Average Annual Growth Rate: 1.68 percent
- Key Study finding: No widening needed



Analysis and Findings



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Scheduled Improvements:

- FDOT: Resurfacing, Restoration, and Rehabilitation (3R) Project (from Barnes Blvd. to SR 520):
 - Pavement resurfacing
 - Add bicycle lanes
 - Close sidewalk gaps
- FDOT: SR 519 at Barnes Blvd. intersection:
 - To be included in next Work Program update
 - Improvements:
 - Add a second NB-to-WB left turn lane
 - Add a second WB receiving lane
 - Add a second EB-to-NB left turn lane
- Traffic Operation Study (Roy Wall Blvd & Levitt Pkwy): underway

Project Summary					
Transportation System:	INTRASTATE STATE HIGHWAY				District 05 - Brevard County
Description:	SR 519 FROM I-95 TO SR 520				View Scheduled Activities
Type of Work:	RESURFACING				View Map of Item
Item Number:	441020-1				
Length:	4.604				

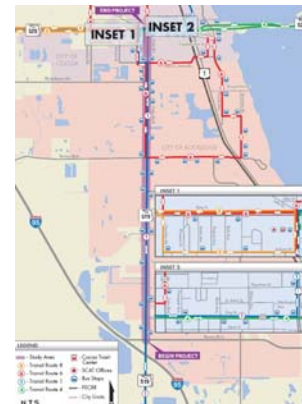
Project Detail						
Fiscal Year:	2018	2019	2020	2021	2022	2023
Highways/Preliminary Engineering						
Amount:		\$1,610,000				
Highways/Construction					\$8,680,096	
Amount:					\$8,680,096	
Item Total:		\$1,610,000			\$8,680,096	

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Planned Improvements:

- Space Coast TPO LRTP: Brevard Zoo Trail (unfunded)
- Space Coast Area Transit: improvements included in Transit Development Plan (unfunded)



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FISKE BLVD
Concept Development
and Evaluation Study




Future Conditions Overview

Signal Warrant Analyses:


- Roy Wall Blvd: clearly met
- Levitt Pkwy: met (very close)


Roundabout Screening (Step 2):

- Roy Wall Blvd: met criteria
- Levitt Pkwy: met criteria

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FISKE BLVD
Concept Development
and Evaluation Study


Preferred Alternative

Improvements Classified in:

- Short Term (3R – SR 519 at Barnes Blvd – Traffic Ops. Study)
- Long Term - Needs
- Long Terms - Desired

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Preferred Alternative

Short Term:


- Bicycle lanes
- Close sidewalk gaps
- ADA improvements
- Pedestrian refuge south of Barbara Jenkins Street
- Raised landscaped islands
- Levitt Parkway intersection
- Roy Wall Boulevard intersection
- SR 519 at Barnes Boulevard intersection


Long Term – Needs:

- Widen sidewalks to 6 feet
- Driveway modifications
- Improve transit accessibility
- Brevard Zoo Trail

Long Term – Desired:

- Add curb and gutter north of Barbara Jenkins Street
- Areawide drainage study


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Preferred Alternative – Cost Estimate

Component Group	Cost
ROW	(1)
Roundabouts	\$1,500,000
Roadway	\$5,800,000
Signing & Pavement Markings	\$150,000
Lighting	\$300,000
Signalization	\$350,000
Utilities	\$10,000
Drainage Improvements	(2)
Sub-Total	\$8,110,000
MOT (10%)	\$810,000
MOB (10%)	\$890,000
Unknowns (5%)	\$490,000
Contingency (10%)	\$1,030,000
Total	\$11,330,000

(1) ROW owned by City of Rockledge
 (2) Cost of Drainage Improvements to be determined based on Drainage Study findings


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Review of Concept Plans and Typical Sections

Preferred Alternative

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Review of Concept Plans and Typical Sections

Next Steps

- Public Meeting (June 28, 2018)
- Prepare Concept Development and Evaluation Technical Memorandum
- Present Study Findings to:
 - Space Coast TPO Board and Committees
 - City of Rockledge Board
 - City of Cocoa Board




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Questions / Comments?

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Project information will be posted on:

<http://www.cflroads.com/project/437241-1>

