

U.S. 1 AT CANAL STREET INTERSECTION IMPROVEMENTS

U.S. 1 AT CANAL STREET

From South of Smith Street To North of Julia Street

FPID 240992-5-52-01

Federal Aid No. 4857-046-P

Public Information Meeting

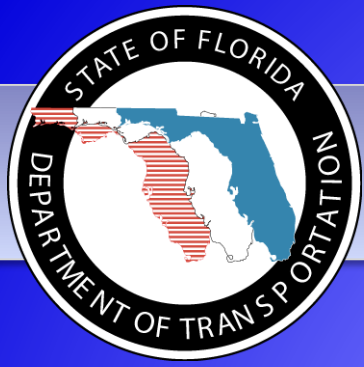
November 15, 2011

Presented By:

Rhet Schmidt, Project Manager

Florida Department of Transportation

Dennisse Zornan, Project Manager

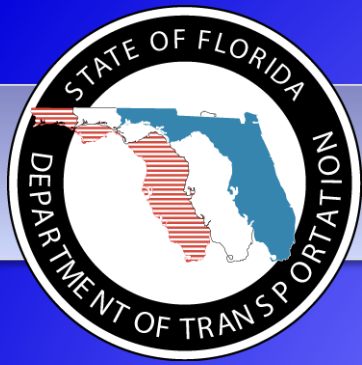


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Title VI and Title VIII Compliance

This meeting is being held to afford all citizens the right to understand the project and comment on concerns to the Florida Department of Transportation. The meeting is being held to comply with Title VI of the Civil Rights Act of 1964, and Title VIII of the Civil Rights Act of 1968, as amended.

Public participation is solicited without regard to race, color, national origin, age, sex, religion, disability or family status. Persons wishing to express their concerns relative to FDOT compliance with Title VI and/or Title VIII may do so by contacting the FDOT, District Five, Title VI and VIII Coordinator Lorie Matthews, 719 South Woodland Boulevard, Deland, Florida 32720 or the Florida Equal Opportunity Office, 605 Suwannee Street, Room 260, Mail Station 65, Tallahassee, FL 32399-0450. All inquiries or complaints will be handled according to FDOT procedure and in an expeditious manner.



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www.cflroads.com

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Links FDOT Soil & Flood Map Information Seminole Brevard Volusia SJRWMD SWFWMD Charlotte County GIS Department US EPA

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Central Florida Roads
Your source for information on state roadway projects in FDOT District 5

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Brevard
Flagler
Lake
Marion
Orange
Osceola
Seminole
Sumter
Volusia
All

Name:
SR 5 (US 1) at Canal Street Intersection Improvements

See Details 240992-5-52-01 SR 5 (US 1) at Canal Street Intersection Improvements

See Details 240992-7-32-1 SR 5 (US 1) Ridgewood Ave. at Reed Canal Rd.

See Details 240992-8-32-1 SR 5 (US 1) Ridgewood Avenue at Big Tree Road

See Details 242715-2-52-01 I-95 Major Interchange with I-4 and US 92

See Details 406869-4-52-01 I-95 Widening from Brevard/Volusia County Line to SR 44

See Details 406869-6-52-01 I-95 widening from SR 44 to I-4

See Details 407355-4-52-01 SR 415 from Reed Ellis Road to Acorn Lake Road

See Details 408178-1-52-01 SR 483 (Clyde Morris Boulevard) from SR 400 (Beville Road) to Mayberry Avenue

See Details 408464-1-52-01 I-4 (SR 400) widening from East of SR 44 to West of I-95

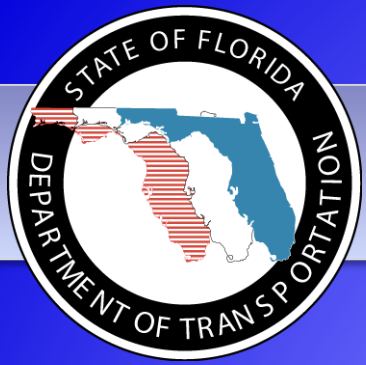
See Details 410251-1-52-01 SR 15 (US 17) from Ponce De Leon Blvd. to SR 40

See Details 422024-1-52-01 US 92 from MP 2.763 to MP 7.200

Volusia TPO
Volusia Transportation Planning Organization

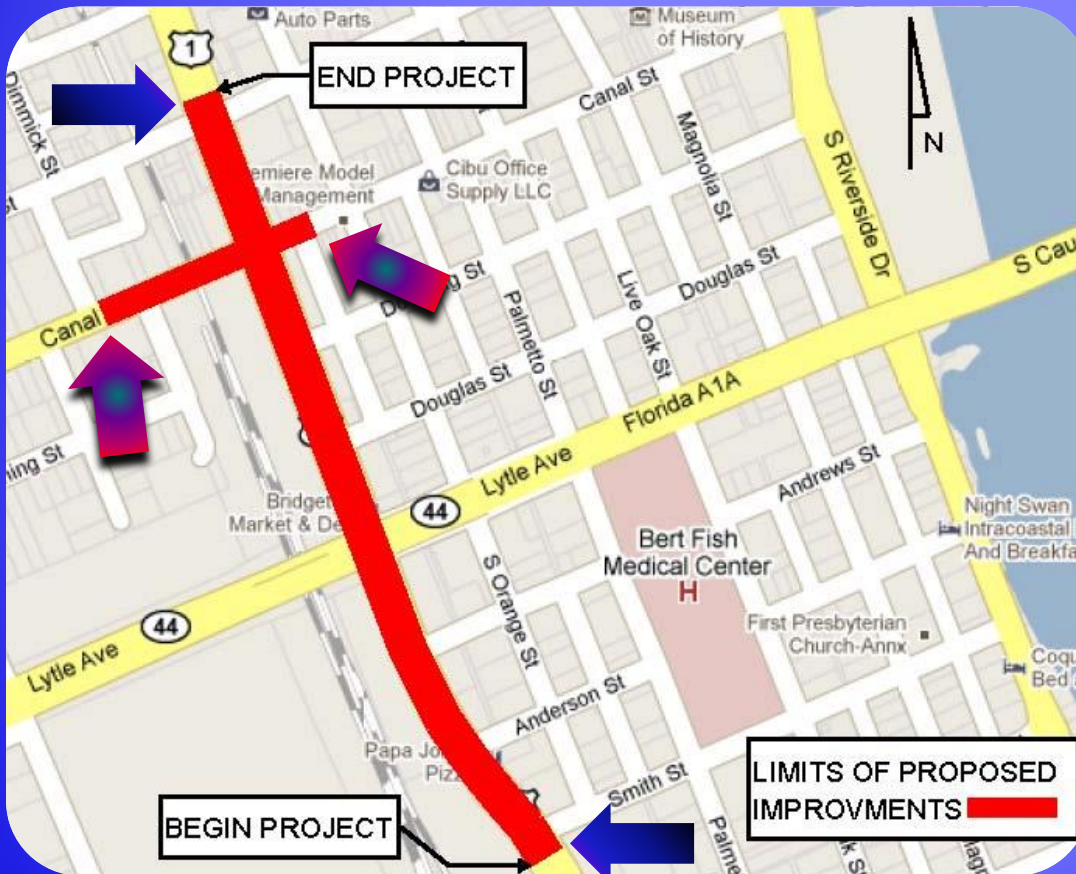
22 Projects Listed

Internet 100%



U.S. 1 AT CANAL STREET INTERSECTION IMPROVEMENTS

Project Limits

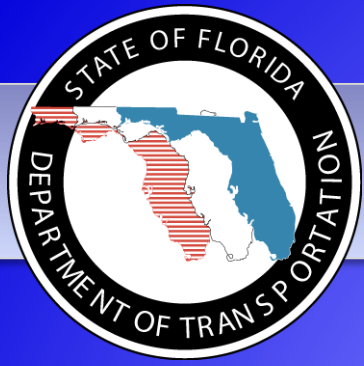


U.S. 1
(South Dixie Freeway)

From South of Smith
Street to North of
Julia Street

Canal Street

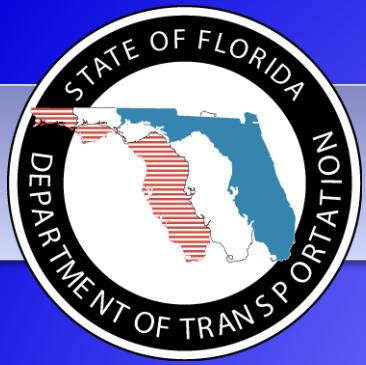
From Dimmick
Street to Orange
Street



U.S. 1 AT CANAL STREET INTERSECTION IMPROVEMENTS

Purpose and Need

- **Capacity Improvements at the intersection of U.S. 1 and Canal Street.**
- **Improve the existing drainage system to minimize the occurrence of flooding.**
- **Development stage of the Design Process. The preliminary design has begun and is approximately 45% complete.**



U.S. 1 AT CANAL STREET INTERSECTION IMPROVEMENTS

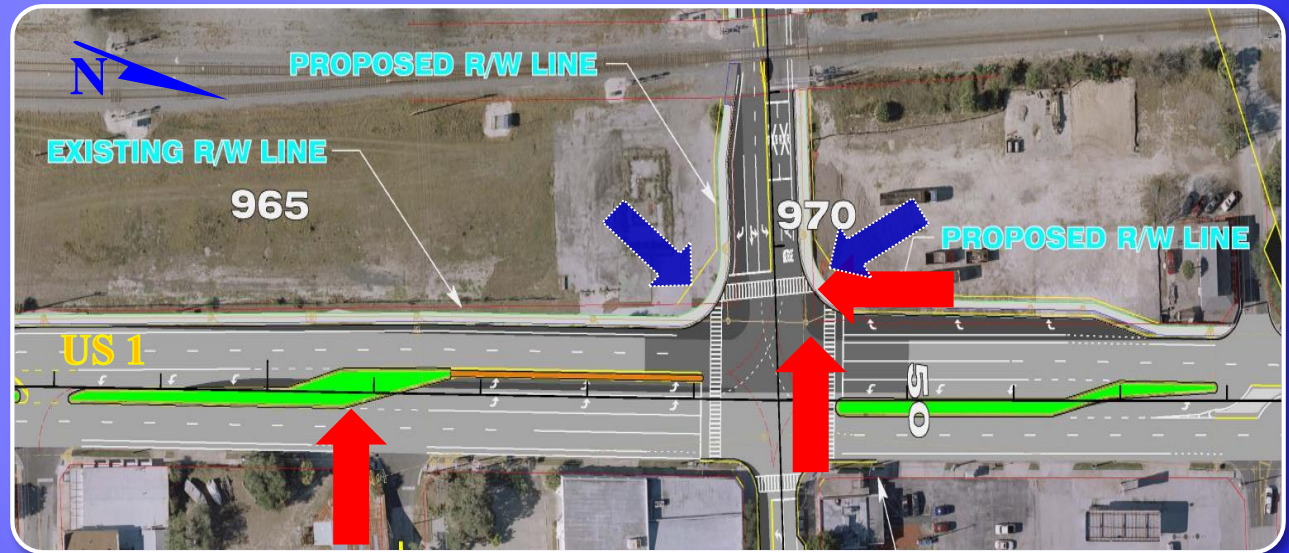
U.S. 1 & Canal Street Intersection

U.S. 1

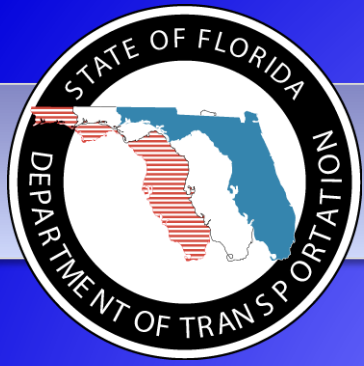
- SB Right Turn Lane
- NB Dual Left Turn Lanes

Canal Street

- WB Receiving Lane



CANAL ST



U.S. 1 AT CANAL STREET INTERSECTION IMPROVEMENTS

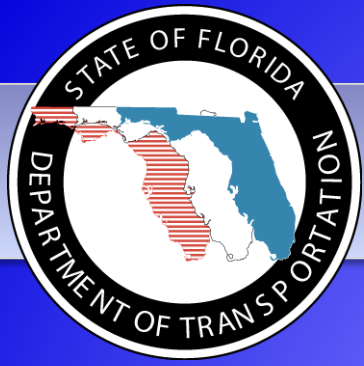
U.S. 1 & Canal Street Intersection

Pedestrian Friendly Environment

- Wider Sidewalks at the Corners of the Intersection
- Upgrade Sidewalks to Meet Current Criteria per the Americans with Disabilities Act
- Improve Crosswalks
- New Pedestrian Signals

New Signals

- Installation of new Mast Arms
- Illuminated Overhead Street Signs
- Signalization Interconnect with Adjacent Signals



U.S. 1 AT CANAL STREET INTERSECTION IMPROVEMENTS

U.S. 1 & Canal Street Intersection

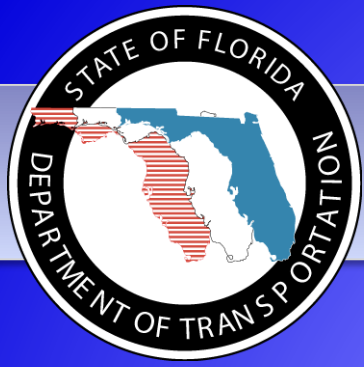
Improved Signing

- Removal of both the NB and SB Cantilever Sign Structures



- Replace with 'Trailblazer' Signs





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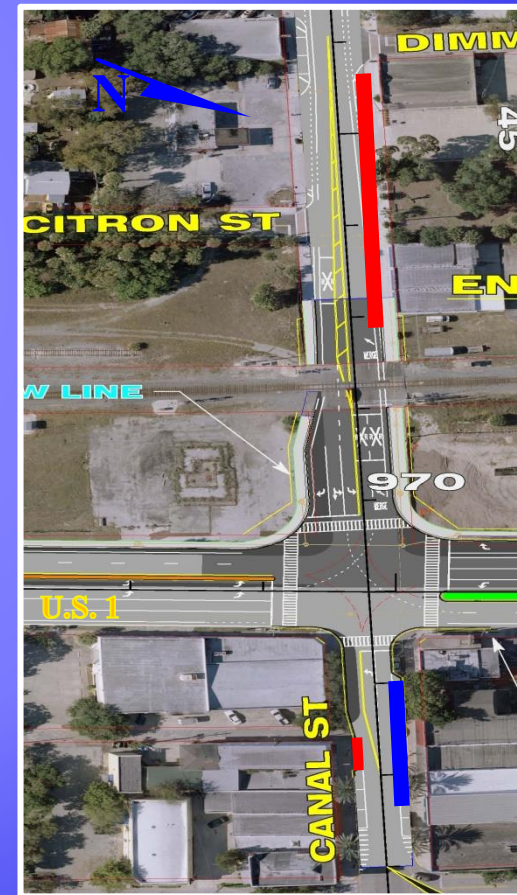
U.S. 1 & Canal Street Intersection

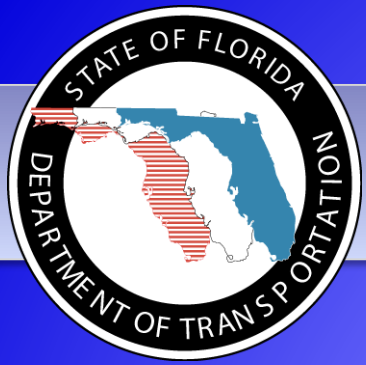
Anticipated On-Street Parking Impacts

- Eight (8) – Parking Spaces Between Dimmick Street and the Railroad Crossing
- Two (2) – Parking Spaces Between U.S. 1 and Orange Street in the Eastbound Direction

On-Street Parking Additions

- Five (5) – Parking Spaces Between U.S. 1 and Orange Street in the Westbound Direction





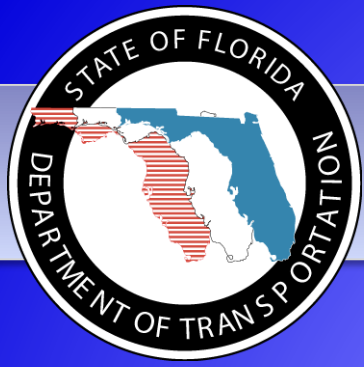
U.S. 1 AT CANAL STREET INTERSECTION IMPROVEMENTS

U.S. 1 & Lytle Avenue: Drainage

Drainage Modifications to Help Mitigate Flooding

- Raise the Grade of the Southbound Travel Lanes
- Raise the Grade of the Intersection at Lytle Avenue



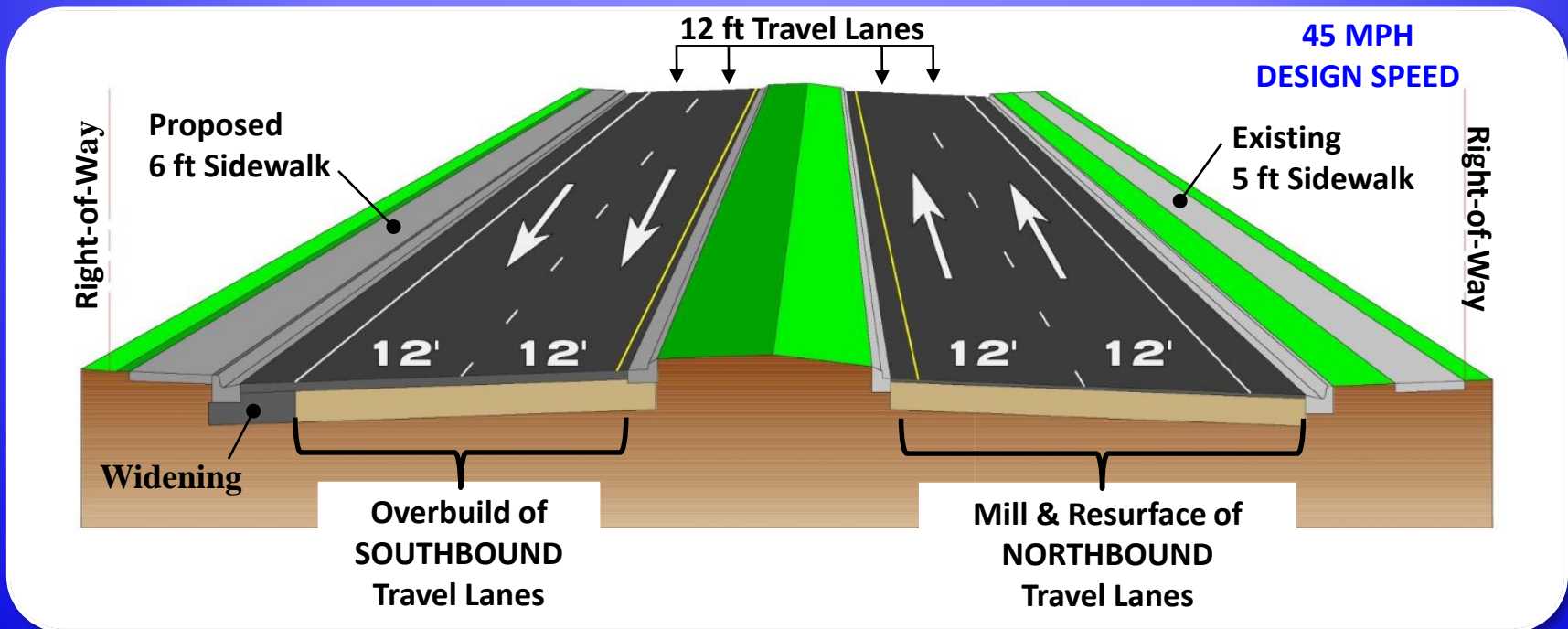


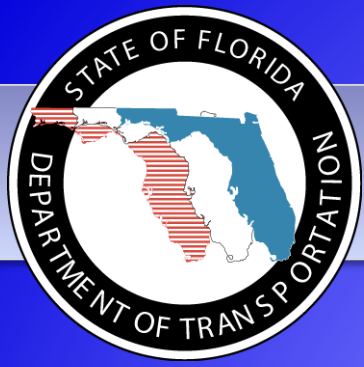
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Typical Section for U.S. 1

Raise Southbound Travel Lanes by Overbuilding

- Expedites Construction
- Minimal Impact to the Landscaped Medians

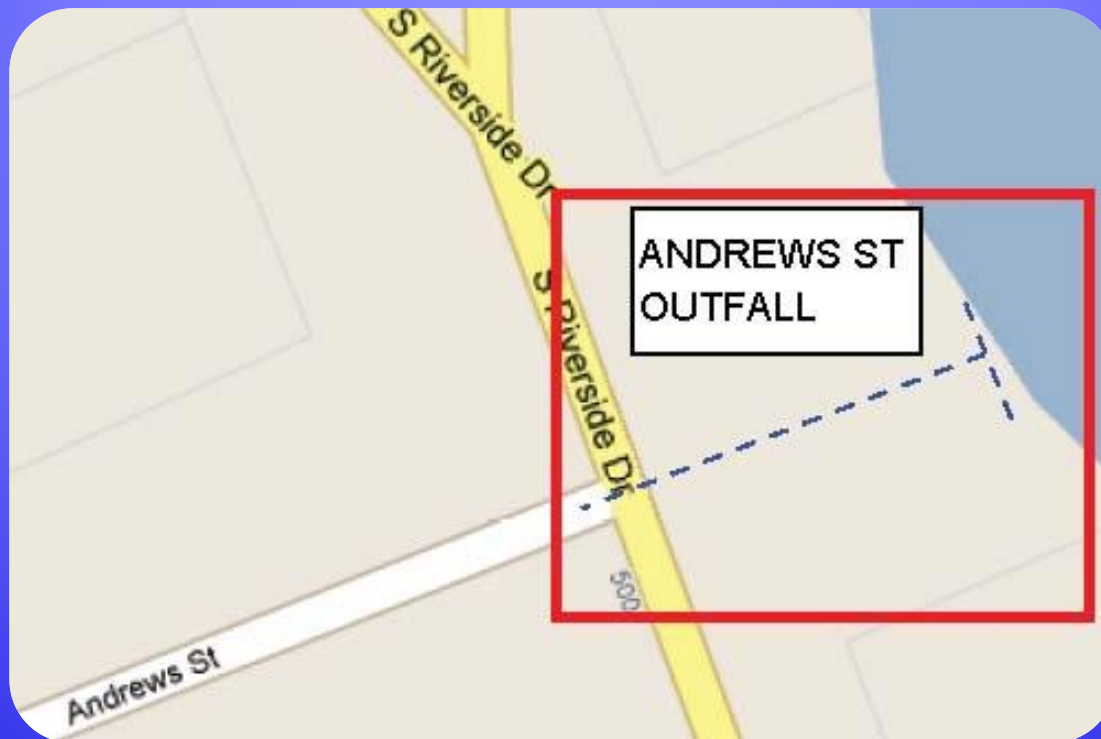


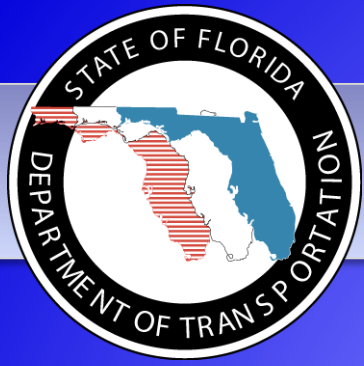


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Other Drainage Improvements

Install a Flap-Gate at the Andrews Street Outfall on Riverside Drive to Minimize Flooding on U.S. 1 caused by Tidal Effects



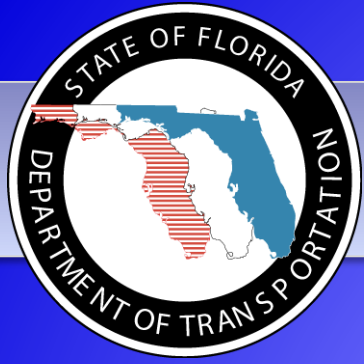


U.S. 1 AT CANAL STREET INTERSECTION IMPROVEMENTS

Access Management

CURRENT ACCESS

- Existing Traffic Patterns will not be Impacted
- Existing Median Openings are Anticipated to be Maintained
- Andrews Street Intersection
- Three Driveways on the Florida East Coast Railroad Property are Proposed to be Closed
- All Other Existing Driveways Will Remain Open During and After Construction



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Aesthetics

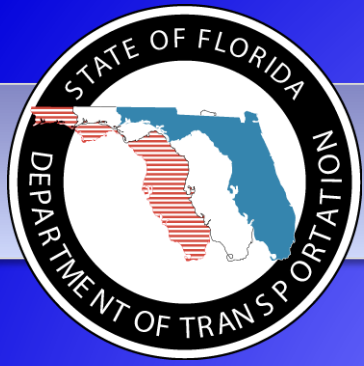
Aesthetic Treatments Requested by the City of New Smyrna Beach

- Decorative Mast Arms
- Streetscaping

Design & Construction of Aesthetic Features By FDOT

- Funded by the City of New Smyrna Beach

An Agreement to have these Aesthetic Features added to the Project is Currently being Developed

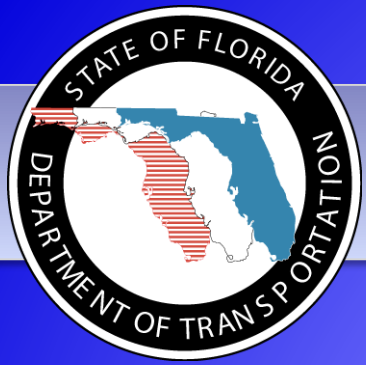


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New Smyrna Beach History

The Turnbull Colony of the late 1700's



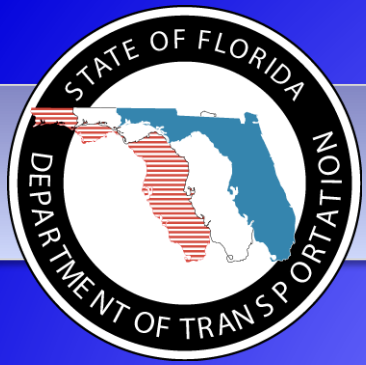


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Aesthetics

Traffic Signal – Canal Street East Side of U.S. 1

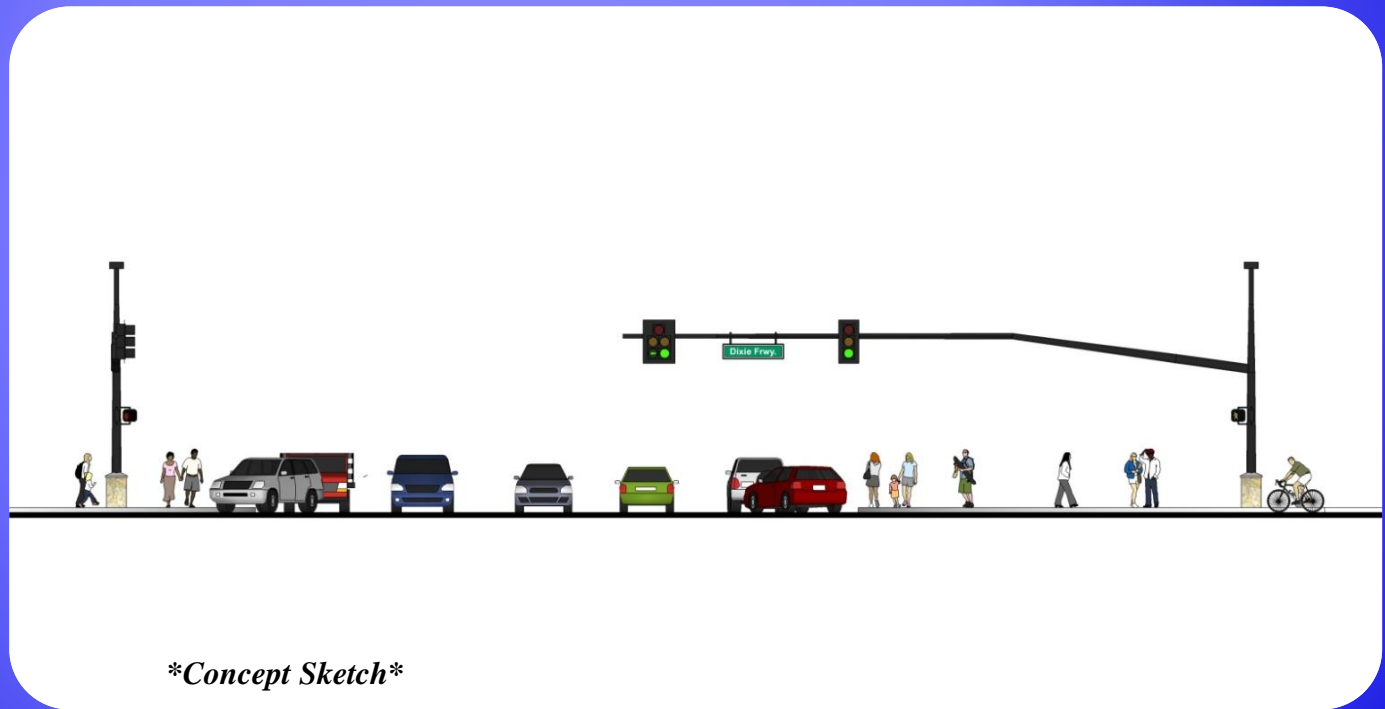


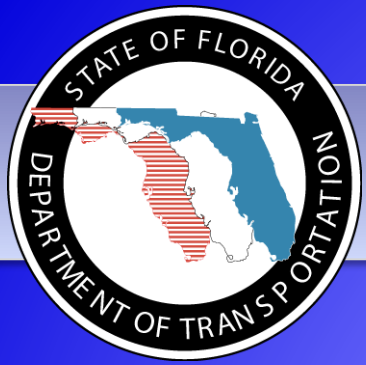


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Aesthetics

Traffic Signal – Canal Street West Side of U.S. 1





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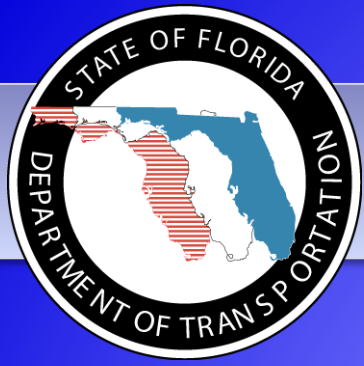
Aesthetics

Streetscaping

- Colored and Patterned Sidewalks and Crosswalks
- Raises Motorists Awareness of Pedestrians Crossing
- Provides a Cohesive Pedestrian Friendly Environment



Concept Sketch



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Tentative Project Schedule / Cost

Current Schedule

Design Initiated – September 2010

Letting Date – TBD

Construction Begin – TBD

Construction Complete - TBD

Estimated Project Costs

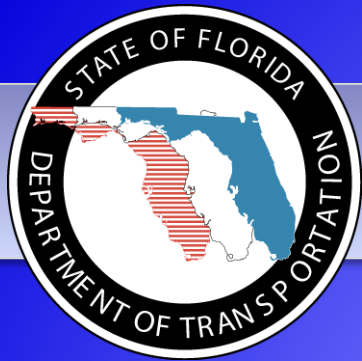
Design - \$1.1 Million

Right-of-Way – TBD

R/W Funding Year - Unfunded


Construction – TBD

Const. Funding Year - Unfunded



U.S. 1 AT CANAL STREET INTERSECTION IMPROVEMENTS

Comment Card



Comment Sheet

US 1/ SR 5 at Canal Street
From South of Smith Street to North of Julia Street
Intersection Improvement Project
Financial Project ID No. 240992-5-52-01

Public Information Meeting
Tuesday, November 15, 2011, 5:00 p.m. - 7:00 p.m. (EST)
New Smyrna Beach City Hall
210 Sams Avenue
New Smyrna Beach, FL 32168

Name: _____ Date: _____
(Please Print Clearly)

Address: _____

E-mail address: _____
Phone number: _____

Comments: _____

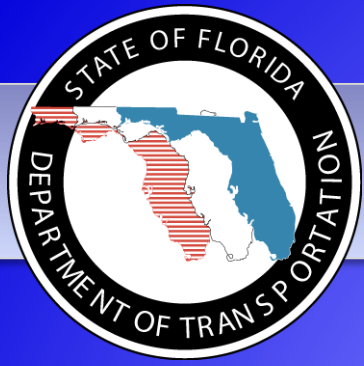
PLEASE COMPLETE THE COMMENT SHEET DURING THE MEETING AND DROP OFF AT THE DOOR BEFORE YOU LEAVE OR TAKE THE COMMENT SHEET WITH YOU TO COMPLETE. FOLD, TAPE (DO NOT STAPLE), ADD FIRST CLASS POSTAGE AND MAIL NO LATER THAN NOVEMBER 29, 2011.



Please Turn in the
Comment Cards
Tonight



Mail the
completed card by
November 29th



U.S. 1 AT CANAL STREET INTERSECTION IMPROVEMENTS

THANK YOU FOR ATTENDING!

For additional information, please contact:

Rhet Schmidt, P.E.

Metric Engineering, Inc.
Phone: (407) 644 -1898
rschmidt@metriceng.com

Dennisse Zornan

Florida Department of Transportation
Phone: (386) 943-5184
dennisse.zornan@dot.state.fl.us

FOR ADDITIONAL INFORMATION ABOUT OTHER FDOT PROJECTS

<http://www.cflroads.com>