

Project Information

Financial Project Identification (FPID) Number: 447699-1

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Scan QR Code to Project Website:
www.CFLRoads.com/project/447699-1



Project Location Map

Project Description

The Florida Department of Transportation (FDOT) conducted a corridor study for the segment of State Road (S.R.) 405 from north of S.R. 50 to east of U.S. 1, a distance of approximately 5.4 miles, within the City of Titusville and Brevard County. The purpose of the S.R. 405 Corridor Study was to determine the need for, and potential impacts of, widening the road from two to four lanes.

Public Engagement Summary

Public engagement for the S.R. 405 Corridor Study included collaboration between FDOT, the Space Coast Transportation Planning Organization, the City of Titusville (including the Police Department), Brevard County (including the School Board), Space Coast Area Transit, and the public. Multiple opportunities for input were provided through meetings held with these local agency partners, and a Community Open House held to engage the community, provide project information, and obtain feedback about the potential near-term and long-term solutions which address the needs of all users in this growing community.

Project Goals

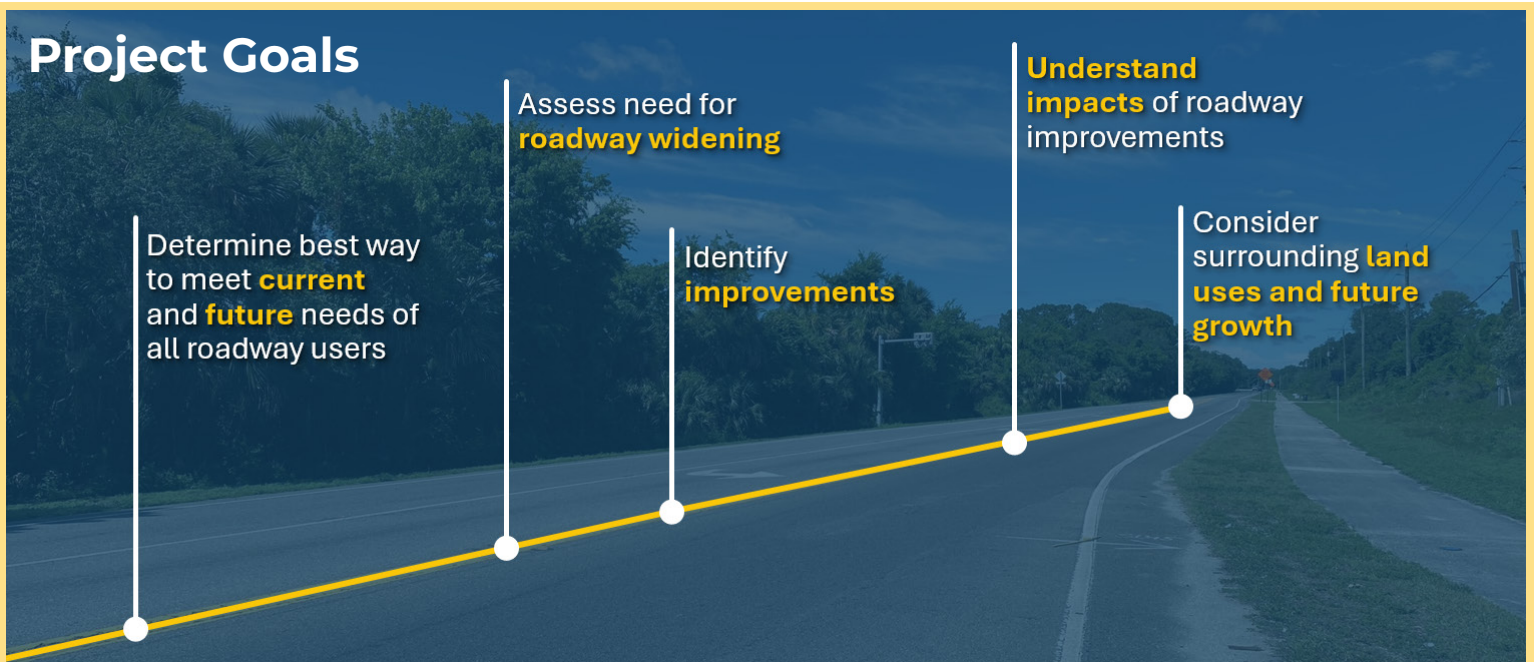
Determine best way to meet **current** and **future** needs of all roadway users

Assess need for **roadway widening**

Identify **improvements**

Understand impacts of roadway improvements

Consider surrounding **land uses and future growth**



Proposed Improvements: The following alternatives were developed to meet the project needs.

Alternative 1			
LEFT TURN LANE	RIGHT TURN LANE	HIGH VISIBILITY CROSSWALK	DYNAMIC CURVE WARNING SIGNS
ADVANCE SIGNAGE FOR INTERSECTING STREETS	SCHOOL-AREA IMPROVEMENTS	ADD PROTECTED LEFT TURNS, YELLOW SIGNAL TIMINGS, AND SIGNAL BACKPLATES	SPEED RADAR SIGNS
SPEED LIMIT PAVEMENT MARKING	TIGHTEN CURB RETURN	RECTANGULAR RAPID FLASHING BEACON (RRFB)	ADD / UPGRADE LIGHTING
BUS STOP IMPROVEMENTS	UPDATE DYNAMIC MESSAGE SIGN	INTERNALLY ILLUMINATED RAISED PAVEMENT MARKERS	INTERSECTION CONTROL EVALUATION

Alternative 1, Safety & Operational Improvements, involves potential near-term solutions to improve traffic operations and enhance safety that could be implemented as part of a maintenance resurfacing or standalone project.



Alternative 2, Long-Term Widening of S.R. 405 from north of S.R. 50 to Fox Lake Road, widens S.R. 405 within the existing right of way (ROW) from two to four lanes for a distance of approximately 2.15 miles. This segmented widening approach addresses the highest anticipated daily traffic area of the corridor. ROW will be required for stormwater ponds. Relevant Alternative 1 improvements would also be incorporated into Alternative 2.

Summary & Next Steps

This study identified potential improvement opportunities for the S.R. 405 corridor, and there is stakeholder support for both potential near-term safety and operational improvements as well as long-term widening of the corridor.

Implementation of near-term improvements is dependent on identifying opportunities to incorporate elements of Alternative 1 as part of other maintenance resurfacing projects in the corridor that can be designed and constructed in the upcoming years. A Project Development and Environment (PD&E) Study would be required to address the long-term improvements, or widening from two to four lanes, which would evaluate the corridor on a more comprehensive basis before moving toward design, right of way, and construction phases. Both the potential near-term and long-term improvement options require working with our local partners to identify funding opportunities.



Alternative 3, Long-Term Widening of S.R. 405 from north of S.R. 50 to Rock Pit Road, widens S.R. 405 within the existing ROW from two to four lanes for a distance of approximately 4.5 miles and requires ROW for stormwater ponds. Relevant Alternative 1 improvements would also be incorporated into Alternative 3.