



Citizens' Advisory Committee (CAC)

May 21, 2013

Meeting Summary

- Approved the minutes of the April 16, 2013 CAC meeting with modifications
- Recommended the advancement of the Alternatives Analysis study for a mass transit connection
- Received a presentation on the draft 2013 Project Priority Lists
- Received a PowerPoint presentation on the SR 40 Project Development and Environment (PD&E) study from Breakaway Trail to Williamson Boulevard and announced a public hearing on June 25, 2013 at 5:00 p.m. at Riverview Community Church
- Received a presentation on the development of regional project priority lists through the Central Florida MPO Alliance (CFMPOA)
- Received the FDOT report and Volusia County Construction report
- Received TPO staff update on the status of the supporting resolutions for the Reapportionment Plan received by the TPO to-date; informed that the Reapportionment Subcommittee would be discussing the TPO name change and potential changes to the TPO Board meeting time/date at the next meeting on May 23, 2013
- Received TPO staff update on activities of Bylaws Subcommittee and informed that the next Bylaws Subcommittee meeting was on May 23, 2013
- Received staff update on SunRail
- Received staff update on the schedule of activities related to the Pioneer Trail Interchange amendment request
- Received CAC member comment opposing Space Florida and member comment regarding the need for emergency transportation for the transportation disadvantaged

*****The next meeting of the CAC will be June 18, 2013*****

Beverly Beach
Daytona Beach
Daytona Beach Shores
DeBary

DeLand
Deltona
Edgewater
Flagler Beach

Holly Hill
Lake Helen
New Smyrna Beach
Oak Hill

Orange City
Ormond Beach
Pierson
Ponce Inlet

Port Orange
South Daytona
Volusia County



Technical Coordinating Committee (TCC)

May 21, 2013

Meeting Summary

- Approved the minutes of the April 16, 2013 TCC meeting
- Discussed the local match requirement for the Alternatives Analysis Study and did NOT support a motion to recommend the advancement of the Alternatives Analysis study for a mass transit connection (vote was 9 for/9 against)
- Received a presentation on the draft 2013 Project Priority Lists
- Received a PowerPoint presentation on the SR 40 Project Development and Environment (PD&E) study from Breakaway Trail to Williamson Boulevard and announced a public hearing on June 25, 2013 at 5:00 p.m. at Riverview Community Church
- Received a presentation on the development of regional project priority lists through the Central Florida MPO Alliance (CFMPOA)
- Received the FDOT report and Volusia County Construction report
- Received TPO staff update on the status of the supporting resolutions for the Reapportionment Plan received by the TPO to-date; informed that the Reapportionment Subcommittee would be discussing the TPO name change and potential changes to the TPO Board meeting time/date at the next meeting on May 23, 2013
- Received TPO staff update on activities of Bylaws Subcommittee and informed that the next Bylaws Subcommittee meeting was on May 23, 2013
- Received staff update on SunRail
- Announced that the Governor had vetoed \$50 million in funding for the Coast to Coast Connector Trail
- Received staff update on the schedule of activities related to the Pioneer Trail Interchange amendment request
- Received update on FHWA/ FDOT response stating that LED signal replacement projects were eligible for funding only when included as part of a coordinated plan; directed TPO staff to forward the response from FHWA to the TCC members
- Informed the TCC members that the funding programmed for the three LED projects on the priority list was moved to the Orange Avenue project in Daytona Beach

*****The next meeting of the TCC will be June 18, 2013*****

Beverly Beach
Daytona Beach
Daytona Beach Shores
DeBary

DeLand
Deltona
Edgewater
Flagler Beach

Holly Hill
Lake Helen
New Smyrna Beach
Oak Hill

Orange City
Ormond Beach
Pierson
Ponce Inlet

Port Orange
South Daytona
Volusia County



**Bylaws Subcommittee
May 23, 2013
Meeting Summary**

- Received TPO staff update on the recent actions of the Reapportionment Subcommittee as they may affect the bylaws discussion
- Reviewed and discussed the TPO Bylaws and identified a number of items to be brought before the TPO Board for their discussion and direction including:
 - Timing of the rotation of the voting member of the Small City Alliance and the designation of an alternate for that position
 - Specifying the make-up of the Nominating Committee and the Executive Committee to include one member from Volusia County and one member from Flagler County (including the cities of Bunnell and Palm Coast) as well as a member of the Small City Alliance
 - Clarification on the qualifications of a Citizens' Advisory Committee (CAC) member
- Directed staff to incorporate various changes into a draft for review at the next Bylaws Subcommittee meeting
- Discussed the Transportation Disadvantaged Local Coordinating Board (TDLCB) Bylaws and agreed to include them by reference in the TPO Bylaws due to their requirement of being reviewed annually by the TDLCB
- Requested that the TPO assist the Flagler County with issues pertaining to the Local Coordinating Board to ensure that all requirements are being met

The next meeting of the Bylaws Subcommittee will be June 3, 2013 at 1:00 p.m.



REAPPORTIONMENT SUBCOMMITTEE

MEETING SUMMARY

MAY 23, 2013

- Received TPO staff update on recent reapportionment activities including the number of resolutions received supporting the reapportionment plan and announced that there would be a meeting with FDOT on June 4 at 2:00 p.m. in DeLand
- Received copies of the TPO's updated draft reapportionment task list from TPO staff
- Discussed the interlocal agreements that will need to be executed and informed that draft documents would be provided in the June TPO agenda for review
- Announced that the Bylaws Subcommittee meeting would follow the Reapportionment Subcommittee and that any policy questions would be presented to the TPO Board on Tuesday for direction, followed by a review of the draft bylaws at the June TPO meeting
- Informed that the TPO Board members had been asked to provide input regarding proposed changes to the TPO Board meeting time and date; the date/time with the least number of conflicts was the 4th Wednesday of each month at 8:30 a.m.
- Approved a motion to recommend to the TPO Board that the TPO Board meeting date and time be changed to the 4th Wednesday of the month at 8:30 a.m. beginning with the August meeting
- Informed that TPO staff would be using Survey Monkey on the TPO website to solicit preferences regarding new names for the TPO
- Approved a motion to recommend to the TPO Board that "River to Sea TPO" (R2C) become the TPO's new name and suspend survey efforts
- Suggested Palm Coast host a tour of their city to help the members become more familiar with the area; discussed potential Sunshine issues and directed the TPO Executive Director to work with Palm Coast and the TPO attorney to coordinate the event
- Discussed the possibility of having projects that are currently in the pipeline remain on the track they are on and not merge them; all new projects would be integrated through the TPO; agreed to provide that request at the meeting with FDOT on June 4th

The next Reapportionment Subcommittee meeting will be Wednesday, June 26, 2013 at 9:00 a.m.

Beverly Beach
Daytona Beach
Daytona Beach Shores
DeBary

DeLand
Deltona
Edgewater
Flagler Beach

Holly Hill
Lake Helen
New Smyrna Beach
Oak Hill

Orange City
Ormond Beach
Pierson
Ponce Inlet

Port Orange
South Daytona
Volusia County



SR 40 Project Development and Environment Study



SR 40 from Breakaway Trail to Williamson Boulevard



Volusia Transportation Planning Organization
TPO Board Project Update

Tuesday, May 28, 2013

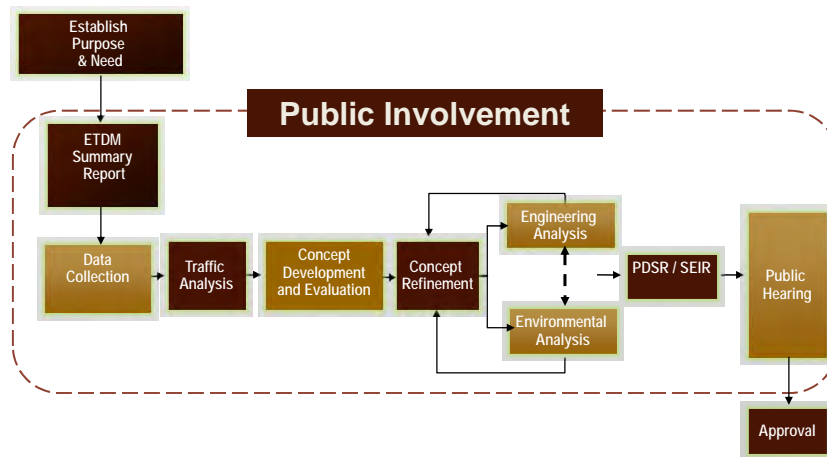
1

Presentation Outline

- PD&E Study Process
- Project Overview
- Proposed Alternatives & Evaluation
- Schedule
- Contact Information

2

PD&E Study Process



3

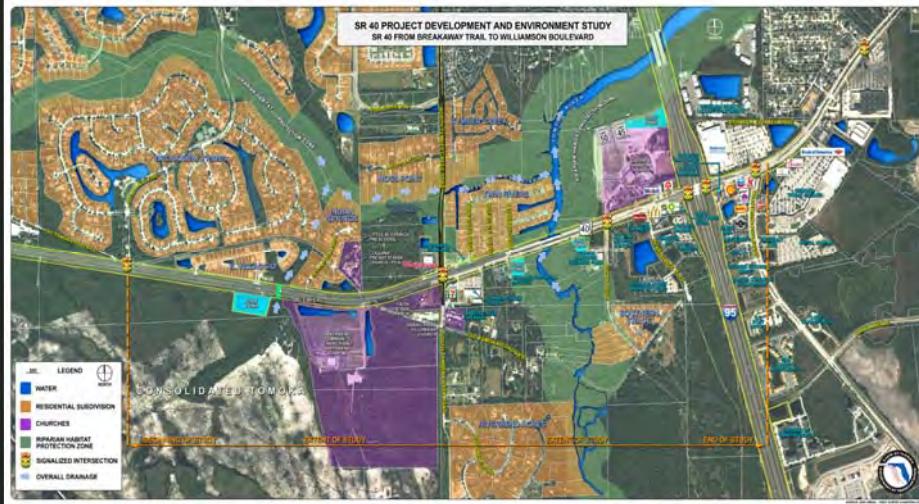
Project Overview

- Breakaway Trail to Williamson Boulevard
 - Approximately 2 miles
- 4 to 6 Lane Widening
 - Enhanced Bicycle and Pedestrian Facilities
- State Environmental Impact Report
 - No Federal Funds
- PD&E Complete Fall 2013
- No Future Phases Currently Programmed



4

Project Overview



5

Purpose and Need

- Principal Arterial
 - Regional Transportation Facility
- Emerging Strategic Intermodal System (SIS) Facility
 - Maintain Level of Service "C"
- Designated Hurricane Evacuation Route
- Freight Goods & Movement Along Corridor from I-95 to I-75



LOS C

LOS C provides for flow with speeds at or near the posted speed limit. Freedom to maneuver within the traffic stream is noticeably restricted.



6

Purpose and Need

Ongoing Projects

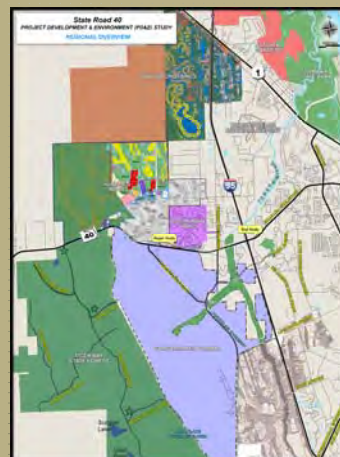
- SR 40 Widening Plans West of Breakaway Trail
 - 4-Lanes from US 17 to SR 11 / Design 2014
 - 4-Lanes from SR 11 to Cone Road / Design (On-going)
- Resurfacing SR 40
 - Tymber Creek Road to Perrott Drive / Construction 2013-2014
- Widening Plans for Tymber Creek Road (SR 40 to Airport Road)
 - Constructed in 2 Phases
 - South of SR 40 to North of Peruvian Lane
 - Construction On-going 2012 / 2013
- PD&E Study Approved – 2 to 4 Lane Widening
SR 326 (Marion County) to US 17 (Volusia County)



7

Purpose and Need

- Future Development
 - Consolidated Tomoka - Daytona Beach
 - Hunter's Ridge DRI - Ormond Beach & Flagler County
 - Ormond Crossings - Ormond Beach & Flagler County
- County Thoroughfare Plan
 - Tymber Creek Road Extension



8

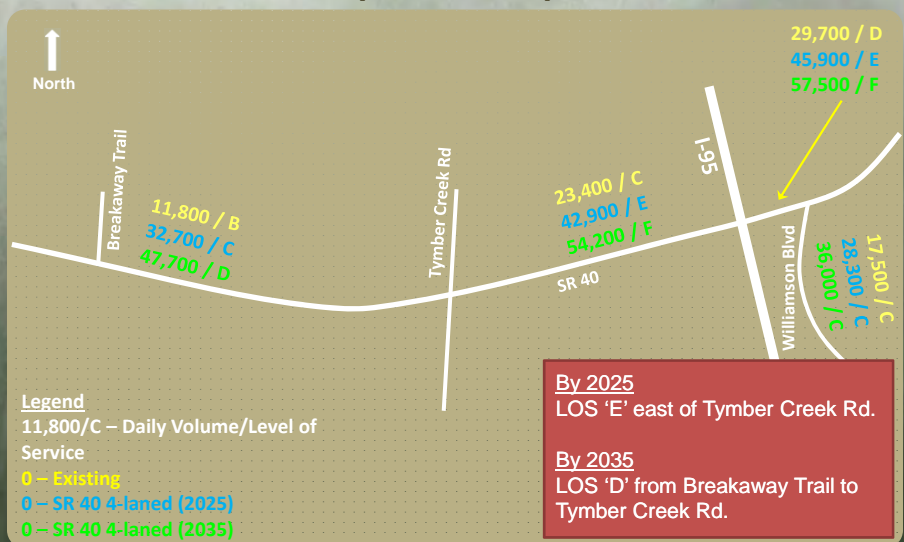
Engineering Analysis

- Traffic Projections
- Roadway Concepts
 - Widen Inside or Outside?
 - Intersections
- Bridge over Tomoka River
- Access Management Considerations
- Traffic Operations / Safety
 - Enhanced Bike / Pedestrian Facilities
- Stormwater Management
- Right of Way



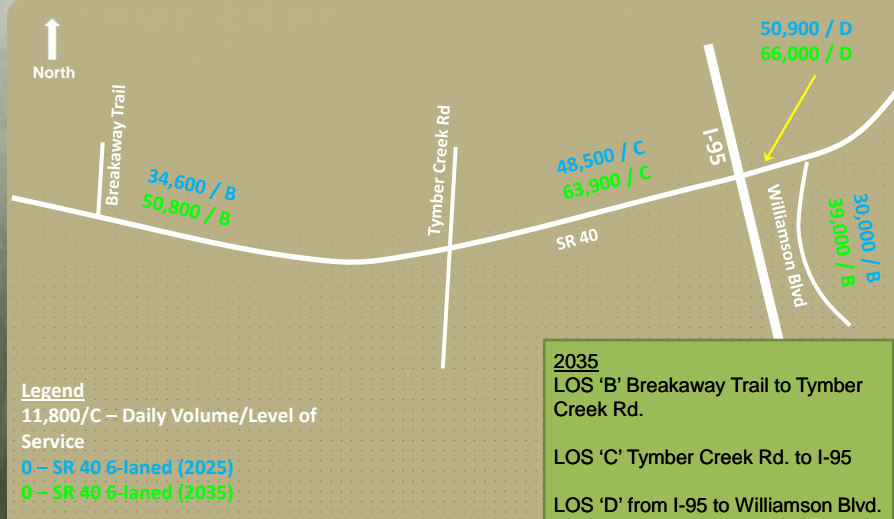
9

Future Traffic Demand – SR 40 4 Lanes (No-Build)



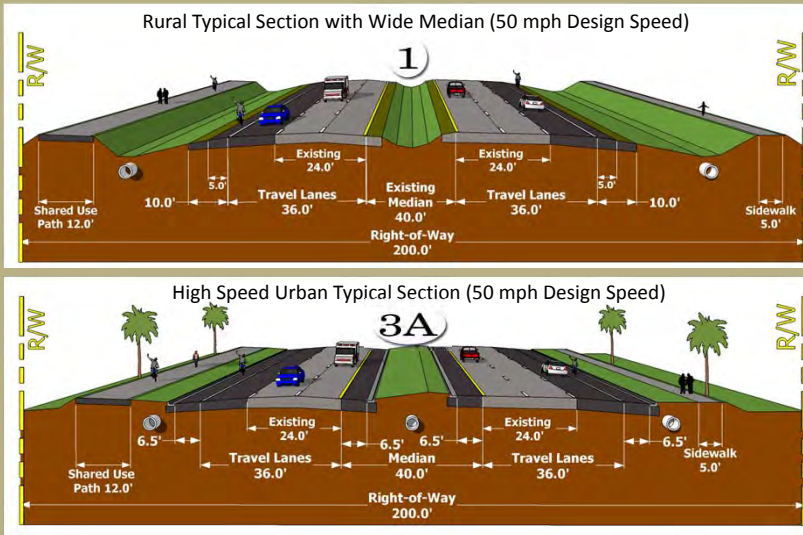
10

Future Traffic Demand – SR 40 6 Lanes (Build Alternative)



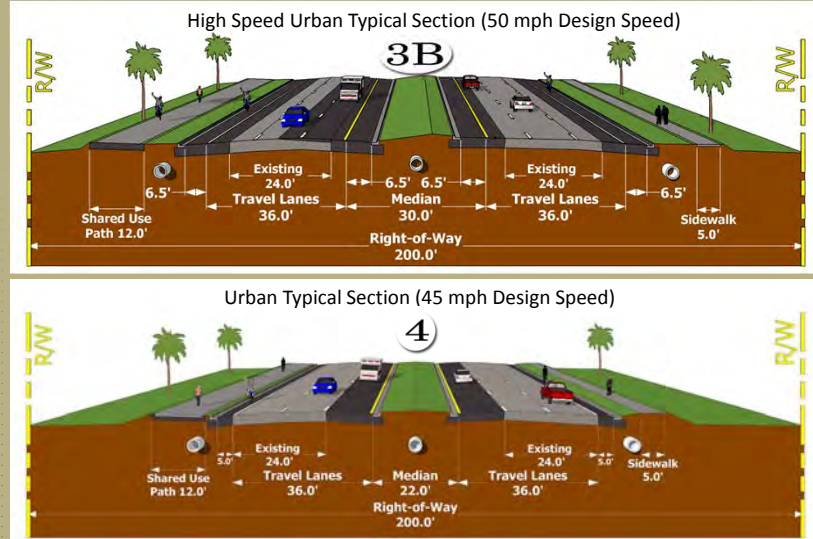
11

Roadway Concepts – Breakaway Trail to Tymber Creek Road



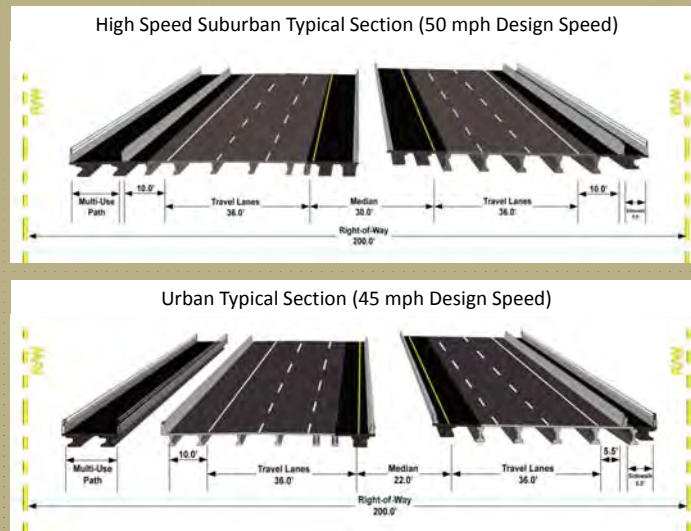
12

Roadway Concepts – Tymber Creek Road to I-95



13

Tomoka River Bridge Typical Sections



14

Tymer Creek Intersection



15

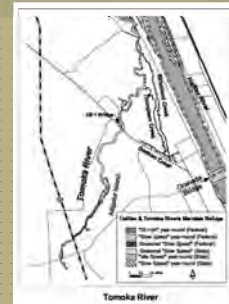
Williamson Intersection



16

Environmental Evaluations

- Wetlands & Wildlife
- Riparian Habitat Protection Zone
- Cultural & Historic Resources
- Floodplains
- Noise Impacts
- Contamination
- Secondary & Cumulative Impacts
- Others



17

Roadway Alternatives Description

Alternative	Typical Section		
	Breakaway Trail to Tymber Creek Road	Tymber Creek Road to I-95	I-95 to Williamson Boulevard
A	1. Rural (60 mph design, 50 mph posted)	3B. High-Speed Urban (30-ft median)(50 mph)	Same for Alternatives A, B, C, D. Includes sidewalk adjacent to roadway both sides of S.R. 40.
B	1. Rural (60 mph design, 50 mph posted)	4. Urban (45 mph)	
C	3A. High-Speed Urban (40-ft median)(50 mph)	3B. High-Speed Urban (30-ft median)(50 mph)	
D	3A. High-Speed Urban (40-ft median)(50 mph)	4. Urban (45 mph)	

18

Comparative Evaluation Matrix

EVALUATION CRITERIA		ROADWAY BUILD ALTERNATIVES				NO-BUILD ALTERNATIVE	
		A	B	C	D		
PURPOSE AND NEED	ADDRESSES NEED FOR PROJECT						
	Provides Improved Level-of-Service		YES				
	Accommodates Future Traffic Demand		YES				
SOCIAL ENVIRONMENT	PRIVATE PROPERTY IMPACTS						
	Number of Parcels Impacted		13	10	13	13	0
	-Residential Parcels		1	0	1	0	0
	-Commercial Parcels		3	2	3	2	0
	-Vacant/Unimproved Parcels		9	8	9	8	0
	Number of Relocations Anticipated		0	0	0	0	0
	TOTAL RIGHT-OF-WAY						
	Number of Impacted Acres		13.13	13.08	13.13	13.08	0
	COMMUNITY FACILITIES						
	Number of Parcels Impacted		0	0	0	0	0
	BICYCLE AND PEDESTRIAN FACILITY IMPROVEMENTS		ENHANCED				NONE
	PUBLIC PARKS/LANDS						
CULTURAL ENVIRONMENT	Number of Parcels Impacted		0	0	0	0	0
	HISTORIC AND ARCHEOLOGICAL SITES						
	Number of Historical Resources Potentially Impacted		0	0	0	0	0
	Archeological Site Potential (Low/Moderate/High)		Low	Low	Low	Low	0
NATURAL ENVIRONMENT	WETLAND AREAS (acres impacted)		1.18	1.18	1.18	1.18	0
	FLOODPLAINS (acre-feet impacted)		0.514	0.514	0.514	0.514	0
	THREATENED AND ENDANGERED (T&E) SPECIES						
	Low/Moderate/High Potential Involvement		Low	Low	Low	Low	None
PHYSICAL ENVIRONMENT	FARMLANDS (parcels impacted)		0	0	0	0	0
	POTENTIAL CONTAMINATION SITES						
	-Number of Medium Risk Sites Impacted		0	0	0	0	0
	-Number of High Risk Sites Impacted		3	3	3	3	0
	POTENTIAL UTILITY INVOLVEMENT						
	Low/Moderate/High Potential Involvement		Moderate	Moderate	Moderate	Moderate	None
PROJECT COST (2012 \$ IN MILLIONS)	DESIGN COST		\$1.75	\$1.55	\$2.00	\$1.80	\$0.00
	WETLAND MITIGATION		\$0.10	\$0.10	\$0.10	\$0.10	\$0.00
	RIGHT-OF-WAY		\$9.50	\$8.95	\$9.50	\$8.95	\$0.00
	CONSTRUCTION COST		\$17.40	\$15.40	\$19.75	\$17.70	\$0.00
	CONSTRUCTION ENGINEERING & INSPECTION (C.E.I.)		\$3.00	\$2.60	\$3.40	\$3.00	\$0.00
	TOTAL PROJECT COST		\$31.75	\$28.60	\$34.75	\$31.55	\$0.00

19

Recommended Preferred Alternative

Engineering Analysis

- Right-of-way (ROW) mostly for ponds
- Roadway widening is within existing ROW
- All Alternatives have enhanced pedestrian and bicycle facilities
- Alternative "B" is least costly
- Traffic Operations same for all alternatives
- Alternatives "B" & "D" reduce posted speed
 - Tymber Creek Road to I-95 (50 MPH to 45 MPH)



20

Recommended Preferred Alternative

Environmental Analysis

- Social Impacts
 - Alternatives "B" & "D" fewest parcels
- Cultural Environment
 - All Alternatives no impact
- Natural Environment
 - Wetland & floodplain impacts similar for all Alternatives
- Physical Environment
 - Similar impacts for all Alternatives
 - Evaluated Noise Impacts at four (4) locations
 - None reasonable for Noise Barriers



21

Recommended Preferred Alternative

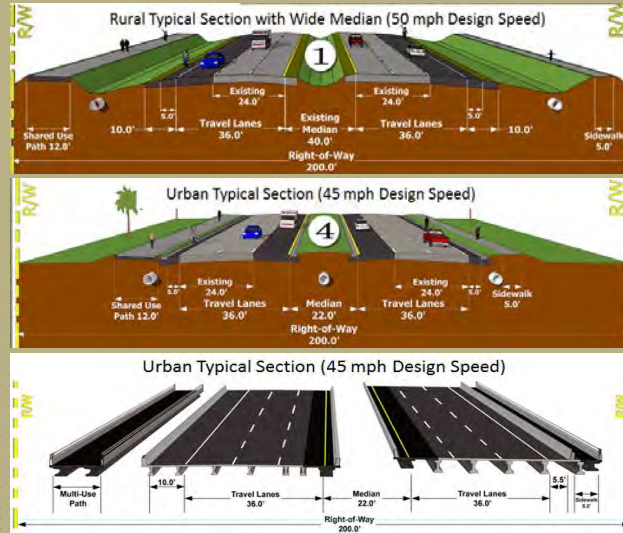
Selection

- Alternative "B"
 - 10% lower cost than next closest Alternative
 - \$28.6 Million
 - Accommodates future traffic
 - Meets Purpose & Need
 - Minimal Environmental Impacts



22

Recommended Preferred Alternative



23

Public Involvement / Outreach

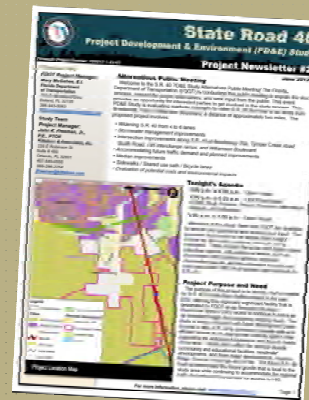
Project Website

- StateRoad40.com
- Study Schedule / Contact Information / Public Involvement / Study Materials

Presentations to Volusia TPO

Public Hearing

- Thursday, June 25th at 5:00 pm
 - Riverbend Community Church on State Road 40



24



Contact Information

Mary McGehee



719 S. Woodland Boulevard
 DeLand, Florida 32720
 386-943-5063
Mary.McGehee@dot.state.fl.us.com

26

Contact Information

John R. Freeman, Jr.



225 E. Robinson Street, Suite 450

Orlando, FL 32801

407-540-0555

1-866-286-2254

jfreeman@kittelson.com