



MEETING SUMMARY



PROJECT East Central Florida Corridor Evaluation Study

MEETING PURPOSE Merritt Island Stakeholder Coordination Meeting

MEETING DATE March 31, 2017 | 1:30 – 3:30 pm

MEETING LOCATION: 445 Challenger Road
Cape Canaveral, FL 32920

ATTENDEES

- | | |
|---------------------------|-------------------------|
| ➤ Alex Trauger | ➤ Jason Klempin |
| ➤ Bill Crowe, P.E. | ➤ Jennifer Parmentier |
| ➤ Bob Kamm | ➤ Jim Dubea |
| ➤ Bob Musser | ➤ Jim Wikstrom |
| ➤ Brian Stanger | ➤ John Rice |
| ➤ Captain John W. Murray | ➤ John Zielinski |
| ➤ Corrina Gumm | ➤ Lisa Frazier |
| ➤ Dale Ketcham | ➤ Lori Sellers |
| ➤ David Cooke | ➤ Mansoor Khuwaja |
| ➤ Dennis Smith (by phone) | ➤ Mark Bontrager |
| ➤ Diane Luensmann | ➤ Sarah Kraum |
| ➤ Erin Sterk | ➤ Steven Bostel |
| ➤ Georganna Gillette | ➤ Tom Duncan (by phone) |

AGENDA

- | | |
|------------------|------------------|
| ➤ Introductions | ➤ Partner Update |
| ➤ Meeting Intent | ➤ Next Steps |
| ➤ FDOT Update | |

DISCUSSION

- John Zielinski opened the meeting and provided a brief overview of the East Central Florida Corridors Evaluation Study (Evaluation Study):
 - Several of the corridors provide direct access to the Merritt Island area.
 - Gathering group to focus on issues relevant to the stakeholders in the Space Coast area.
- John noted the FDOT is aware of the joint letter from Space Florida and Canaveral Port Authority to the Department Secretary, and stated that many of the concerns noted in the letter may be addressed within the context of the Evaluation Study.
- John noted that the meeting intent is identify and coordinate common interests.



MEETING SUMMARY



- Tourist percentages on the Evaluation Study corridors indicate that tourism is significant in the study area.
- Will our transportation system be prepared for the growth in traffic?
- Jeff Bowen provided an overview of the Evaluation Study and its connection to the Space Coast area:
 - Existing corridors - SR 528; SR 408 / SR 50; SR 417 / Narcoossee Road; SR 520; US 192
 - Future corridors - Central Florida Expressway Authority (CFX) corridors
 - These corridors will be examined individually and as a system.
 - The horizon for the Evaluation Study is 2060.
- The Evaluation Study is in the existing conditions phase; perfect timing for this meeting.
- John noted that the Evaluation Study also includes a 10-county Regional Transit Study which will be run concurrently and then be integrated into the Evaluation Study.
- John provided an overview of projects on SR 528:
 - SR 528 PD&E
 - SR 401 Bridge Alternatives Evaluation Report. Evaluated 3 alternatives:
 - No change
 - Mid-level bascule bridge - 45'
 - High-level fixed bridge - 55'
- John described the Strategic Intermodal System (SIS) planning process, noting the FDOT is completing the 2045 SIS Multimodal Unfunded Needs Plan.
 - SR 401 and SR 405 are included in the 2045 Needs Plan.
- John Rice provided a quick overview of the Port Canaveral Rail Extension:
 - Canaveral Port Authority (CPA) supports the Cape Canaveral Air Force Station (CCAFS) route.
 - Jim Dubea noted the EIS with the STB is paused to remove alternatives other than a route through the CCAFS (with a couple of variations) - follows Phillips Parkway, to cross NASA Causeway onto Merritt Island to follow roadway and tie into existing roadway.
 - Jim noted that CPA is not likely to build anything over the river.
 - The 30% drawings are due June/July 2017.
- John noted Central Florida was declared a USDOT AV Proving Ground.
 - The future conditions phase of the Evaluation Study will incorporate what comes from the Driver Assistive Truck Platooning pilot study being led by Central Office.
- SR 408 PD&E - FTE and CFX examining the corridor.
- SR 405 / NASA Parkway - Indian River Bridge replacement feasibility study found no major issues with replacing the infrastructure.
 - PD&E will be started next fiscal year (July 1st)
- Jim Dubea raised the concept of putting together a system of roads and improvements that can be submitted as one FASTLANE grant application.
 - Each hub can submit applications directly to the federal government on their own, but Jim remarked there appears to be a higher percentage of awards to departments of transportation which may be an advantage for the Merritt Island stakeholders.



MEETING SUMMARY



- Trey Carlson noted that NASA funded FDOT to conduct a PD&E on the SR 405 / NASA Parkway. This would provide flexibility to apply for funding in the future if federal funds would be required.
- Trey noted the Indian River Bridge can be granted to the state through perpetual easement and then the SIS connector designation could possibly be extended.
- Erin Sterk noted that there appears to be enough information between the respective studies to pull together a FASTLANE grant application.
- Erin asked if we could advance SR 528 programming with FASTLANE monies.
- John commented that a vector rocket was just brought over the SR 405 Bridge.
- John noted that operational analyses have been performed for the regional roadway network for a variety of focuses (SIS Connectors, Military Access Facilities, freight improvements, etc.)
- Alex Trauger provided an overview of the SIS connectors needs assessment.
 - Just kicking off stakeholder coordination process.
 - 7 years since last update of the SIS connectors' evaluation.
 - Many of the solutions have been implemented through the SIS Operational Quick Fix Program funding.
 - The update is necessitated by SIS connector changes (such as new connectors at Melbourne International Airport and Patrick Air Force Base); updated regional model; and updated FDOT standards and procedures (4P and roundabout screening).
 - Schedule: just wrapping data collection and initiating existing conditions evaluation.
- Mansoor Khuwaja updated the group on the I-95 Systems Operational Analysis Report (SOAR):
 - Study first conducted in 2003, updated in 2009
 - Developed list of projects to be analyzed in further detail through the 4P process
 - Many improvements implemented
 - Some still going through the 4P process
- John described the need for 4P to develop better right-of-way, design, and construction cost estimates.
 - Mansoor briefed the group on each interchange and the proposed / contemplated improvements.
- Erin asked at what point stakeholder involvement will come into play, especially considering the new roundabout screening.
- Mansoor replied that stakeholder engagement will be handled as part of the District Five 4P process.
- It was remarked that extensive coordination will be required regarding interchange operation
- John noted that Central Office is conducting a military access facility evaluation (meeting scheduled for April 5, 2017)

Partner Update

- Trey Carlson provided the NASA update.
 - SpaceX reusable rocket landing just occurred.



MEETING SUMMARY



- Blue Origin facilities in Exploration Park (SR 3 and Space Commerce Way) will be largest facility in the vicinity (750,000 square feet) and LC 36 where Blue Origin will be launching.
- Trey remarked the volume of employment and traffic has increased as well as the need for services due to the reinvigoration of the spaceport.
 - Tour Friday 4/7 for MPOs
- Mark Bontrager
 - OneWeb - 3000 satellites going to LEO in the near future.
 - Florida is hot for industry to plant and grow.
 - Frank DiBello wants Cape Canaveral to be the London for space "port of entry".
- Jeff noted the joint letter to the Governor.
 - Are master plans being developed for needs 'off-property'?
- Mark responded that KSC wrapped their master plan 2 years ago; Space Florida kicking off studies in the next couple years to implement their master plan.
- Trey noted they know at this time, before the first Blue Origin launch, they will go over 3/4 of the north end capacity.
 - With the increased aerospace activity on the Cape, now having physical and service constraints. Have to figure out how to manage access.
- Dale Ketcham - Space Florida building on the port of entry concept - moving mining off the planet (Jeff Bezos sentiment) to run an econosphere
 - Water, minerals, metals can be found in space; future generations may be born in space and will enter through Port Canaveral; commodities will be coming through the port of entry, which will create a specialized space-Earth global economy
- SpaceX expansion will be on north side of SR 401 for rocket refurbishment; launches will occur from CCAFS.
 - Saves @ \$17M per rocket.
- Bob asked about the reuse of the Shuttle Landing Facility for commercial aviation purposes.
 - Dale noted that Space Florida can't initiate / broker commercial aviation deals.
- Steve Szabo asked how the spaceport can benefit other modes to truly be quintimodal.
- Erin remarked that space is a spectator sport aspect of the Space Coast, notably from the bike / ped perspective.
- John provided congratulations to Port Canaveral for the Philadelphia to Port Canaveral Direct Service on the Marine Highway 95 (M-95).
- Jim Dubea provided an overview of produce logistics:
 - Philadelphia - fruit / veg moved by ship to where it's cold to kill pests and then trucked back to Florida.
 - Now, Miami has gas treatment.
 - Refrigeration is becoming the mode of pest eradication.
 - The idea is to get trucks off I-95 by moving goods by barge.
 - CPA was 1:5 approved out of 350 total applicants.
- Jim noted that the port is being dredged to 43' to accommodate increased container traffic.
 - Seaport Canaveral adding another 4 lanes to internal ramp locations to accommodate projected increased truck traffic for bulk cargo.



MEETING SUMMARY



- At 85-90% completion of master plan (May - June 2017).
- Did cruise master plan in the last 2 years; planning 1 new cruise terminal near Jetty Park and additional ship (will add 1 million people).
- Cruise passengers complain about traffic during the 6-hour window of embark / disembark.
- Port trying to figure out how to accommodate weekend traffic when 4-5 ships are in the port. Looking into options for expanding the infrastructure; working with ground transportation providers; and other operational strategies (automated vehicles / people movers).
- Growing pains are "good problem to have".
 - Vandenberg is closest proxy with similar issues and opportunities.
- Bob remarked this area has a competitive advantage with the type and diversity of assets.
- SpaceX barge coming back to port is going to be a huge draw and cause an issue with mobility.
- Jim asked more information about the SR 528 PD&E and future design.
 - John Denninghoff noted the SR 528 aprons for the bridges will be elevated and access will be controlled to one area versus the entire causeway.
- Erin noted at the last environmental meeting (IRL Council) that the data isn't reflecting that removing the Causeway is beneficial to the health of the lagoon. Erin noted that FDOT has been encouraged to review the environmental data.
 - They recommended Erin pull the ACOE into the discussion.
- Jim noted the CPA hasn't been moving forward with the barge canal due to other focuses, but may in the future.
- Jim noted the rail project is about 10 years out because of expense.
 - He noted that FEC was just sold (Mexico) which has changed the Port's interface with management.
- Jim noted that they CPA just sold their parcel by SR 524 to Walmart for a new logistics, distribution facility.
- Bill Crowe noted that it's unique to point out that the first time that the master plan has been done with joint consideration to both waterborne and space transportation issues.
- Jim commented that there's one more round of public meetings that will be held for the master plan; a month later there will be a grand roll out.
- Jeff concluded the meeting with a comment that we will reconvene the group around October / November.

ACTION ITEMS

- Lori Sellers will schedule a separate meeting with the spaceport and seaport to coordinate a joint application for FASTLANE.
- Reconvene the group around October / November.