

TAMPA - HILLSBOROUGH COUNTY EXPRESSWAY AUTHORITY

BOARD MEETING

July 25, 2016 at 1:30 P. M.

1104 East Twiggs Street, First Floor Board Room

Tampa, Florida 33602

AMENDED AGENDA

If any person wishes to address the Board, a sign-up sheet has been provided at the entrance of the meeting room. Presentations must be limited to three minutes. When addressing the Board, please state your name and address and speak clearly into the microphone. If distributing additional backup materials, please furnish 10 copies for the Authority members and staff. Any person who decides to appeal any decision of the Authority with respect to any matter considered at its meeting or public hearing will need a record of the proceedings and, for such purpose, may need to hire a court reporter to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which an appeal is to be based.

I. CALL TO ORDER, INVOCATION and PLEDGE OF ALLEGIANCE

II. PUBLIC INPUT / PRESENTATIONS

III. APPROVAL OF MINUTES OF THE July 11th, 2016 BOARD MEETING

IV. INFORMATIONAL / ACTION ITEMS

A. Operations & Maintenance Committee – *Vincent Cassidy, Chair / David May, P.E., Staff*

1. Purchase Replacement Roadside Cameras

Purpose: Purchase 35 replacement roadside cameras with digital cameras from the state approved product list. Cameras provide video feedback on system operations of the roadway. New cameras will replace existing analog cameras that have reached the end of their technical and useful life and will be compatible with the soon to be installed Access Control Network replacement software.

Funding: Project Capital Budget - \$94,350

Action: **Approval of the recommendation to purchase Cohu Series 4220HD cameras for installation on the roadside network.**

2. Cleaning of the Underside of the REL

Purpose: To provide pressure washing and associated traffic control measures to clean the underside of the REL from Twiggs to 22nd Street. A statewide search was completed to locate firms qualified to perform the work. Three firms were identified and contacted. Only one firm, Finishing Systems of Florida, provided a responsible bid that was consistent with the estimate provided by HNTB. The bidder was the firm that washed and painted the REL during original construction. In addition, Finishing Systems of Florida is on the State of Florida approved vendor list and is a certified Woman-Owned enterprise.

Funding: Renewal and Replacement Budget - \$573,860

Action: **Approval of a contract with Finishing Systems to pressure wash the underside of the REL from Twiggs to 22nd Street. Contract execution is subject to final review and approval by THEA General Counsel.**

3. Roof Replacement TMC

Purpose: To authorize a contractor to replace the existing TMC roof upon completion of the condenser coil replacements. Existing roof is over ten years old and is experiencing leaks in several areas. Temporary patching has been successful, but new leaks are developing as repairs are completed. Roof top air conditioning coil replacements have been authorized and ordered and are expected to be installed in August. It is preferable to have the coil replacement completed prior to the roof replacement to avoid potential damage to the roof during coil installation. Three bids ranging from \$27,000 to \$65,000 have been received for the roof replacement and are in the review process. We recommend proceeding with roof repair to avoid damage to existing areas and to the newly modified office area prior to the next Board Meeting in late September.

Funding: Capital Project Budget - \$65,520

Action: **Authorize the Chairman to approve and Executive Director to sign a purchase order with the most responsive bidder to replace the TMC roof.**

B. Planning Committee – *John Garcia, Vice Chair / Bob Frey, Staff*

1. THEA Origin/Destination Transponder Analysis (*Attachment*) – *Bob Frey*

Purpose: This project is to furnish and install equipment in the field necessary for THEA to gather and analyze tag reads from the REL and lower portion of the Selmon Expressway to track the number of vehicles utilizing Bayshore Blvd to MacDill Air Force Base and from the Gandy Bridge to the Selmon Expressway.

Funding: Capital Project Budget - \$85,050

Action: **Approval of the THEA Origin/Destination Transponder Analysis and authorization for the Executive Director to execute a Task Order with TransCore for an amount not to exceed \$81,000, plus 5% contingency for a total of \$85,050 (\$81,000 plus \$4,050 = \$85,050), subject to available funding and Fiscal Year budget approvals.**

2. CV Pilot Deployment –Phase 2 & Phase 3

Purpose: In September 2015~~6~~ THEA was awarded one of three contracts for the development of a Connected Vehicle Pilot Deployment, which resulted in a 2.4 million dollar contract with USDOT for Phase 1 - Planning. The THEA concept is to demonstrate and measure the impacts of a deployment of connected vehicle applications in Tampa’s central business district with Meridian Avenue as the focal point. On September 1st, THEA will be moving to Phase 2 – Design/Deployment and ultimately Phase 3 – Operations. USDOT will be awarding THEA the following:

Phase	USDOT	THEA	TOTAL
Phase 2	\$ 11,124,438	\$ 2,781,110	\$ 13,905,548
Phase 3	\$ 4,136,978	\$ 1,034,245	\$ 5,171,223
Total	\$ 15,261,216	\$ 3,815,355	\$ 19,076,771

Funding: Capital Project Budget - USDOT Funding - \$15,261,216
 THEA Match - \$ 3,815,355

Action: **Authorization for THEA staff to enter into contracts and/or task work orders with our partners to initiate work on USDOT CV contract – Phases 2 & 3, as contained in the Connected Vehicle (CV) Pilot Deployment Notice of Funding Opportunity (NOFO), dated July 7, 2016.**

Sub consultant contract amounts will be as follows, not to exceed:

- Siemens \$7,769,771 -Booz Allen Hamilton \$400,000
- Global 5 \$997,000 -Brandmotion \$3,125,000

THEA In-House Consultant Support Task Work Orders:

- HNTB \$3,690,000 -CUTR \$1,700,000
- THEA \$1,395,000 (Recruitment of Participants)

3. Downtown Traffic Study Task Work Orders (Attachment) – Bob Frey

Purpose: The Comprehensive Downtown Traffic analysis is to provide the Tampa Hillsborough Expressway Authority an evaluation of the transportation network to determine the operational impacts due to the planned development for Downtown Tampa. New developments, such as the Waterfront District Master Plan, Port of Tampa Master Plan and other major developments within the downtown Tampa, will impact the Central Business District road network and limited access facilities. The study encompasses E Kay Street to the north, Old Water Street to the south, Channelside/Adamo Drive to the east and Ashley Drive to the west, as well as the access ramps to the Selmon Expressway and I-275. This will be a \$591,877 joint project being funded by THEA (\$441,877) and FDOT-D7 (\$150,000), with participation by the City

of Tampa, HART and Hillsborough County. The study will consists of three phases:

1. **Data Collection:** Turning Movement Counts for 67 intersections and 11 ramp counts,
2. **HCS/SYNCHRO Analysis:** Operational Analysis of 81 intersections and ramps in the City of Tampa Central Business District. This analysis will identify problem corridors for more detailed analysis
3. **VISSIM Analysis:** In depth traffic engineering analysis of problem corridors and ramps, as identified by Task 2.

Funding: Capital Project Budget - \$441,877

Action: **Approval of the Comprehensive Downtown Traffic Analysis and authorization for the Executive Director to execute Task Orders in amounts as follows:**

1. **Data Collection** – JMT Corporation, not to exceed \$95,117/Capital Project Contingency Budget, subject to available funding and Fiscal Year budget approvals
2. **HCS/SYNCHRO** – RSH, not to exceed \$171,525/Capital Project Contingency Budget, subject to available funding and Fiscal Year budget approvals
3. **VISSIM Analysis** – RSH, not to exceed \$175,235/Capital Project Contingency Budget, subject to available funding and Fiscal Year budget approvals.

V. STAFF REPORTS

A. Operations & Maintenance (*Dave May, P.E.*)

B. Financial / Traffic & Revenue (*Lynne Paul*)

C. Communications (*Sue Chrzan*)

VI. EXECUTIVE REPORTS

A. Executive Director (*Joe Waggoner*)

1. Contracts Reporting

a. Contract Increases & Changes (*Attachment*)

- **Construction / Capital Improvements**
- **Continuing**

b. Upcoming Renewals & Expirations (*No Report*)

c. Contract Close-out Report (*Attachment*)

B. General Counsel – (*Patrick Maguire, Esq.*)

1. Litigation Update: Tropical Transport vs THEA

2. Annual Board Officer Elections

- **Chair**
- **Vice-Chair**
- **Secretary**

C. Chair (*Vincent Cassidy, Chair*)

1. Upcoming Meetings (*Attachment*)

- **Committees as a Whole Meeting - August 8, 1:30 p.m.**
- **Board Meeting – August 22, 1:30 p.m.**

VII. OLD BUSINESS

VIII. NEW BUSINESS

IX. ADJOURNMENT