

Tampa Hillsborough Expressway Authority

**Twiggs Street
DB Industry
Forum
4/21/2020**



Introductions

Man Le – THEA Contracts & Procurement Manager

Judith Villegas, EI– THEA Project Manager

Sue Chrzan– THEA Director of Public Affairs and Communications

Brian Ramirez – THEA Planning & Communications Assistant

Jim Drapp, PE – THEA GEC Program Manager

Al Stewart, PE– THEA GEC

Dave Hubbard, PE – THEA GEC

Project Roles

- **Tampa Hillsborough Expressway Authority (THEA)**- Developer
- **City of Tampa**- Owner
- **FDOT** – Owner (Nebraska Ave/SR 45/US 41)
- **HNTB**- General Engineering Consultant (GEC) to THEA
- **Tierra**- Geotechnical Consultant to GEC & THEA
- **Element**- Survey Consultant to GEC & THEA
- **Omni**- Utilities Consultant to GEC & THEA
- **Judith Villegas, EI**- THEA Project Manager
- **Jim Drapp, PE**- GEC Project Manager

Agenda

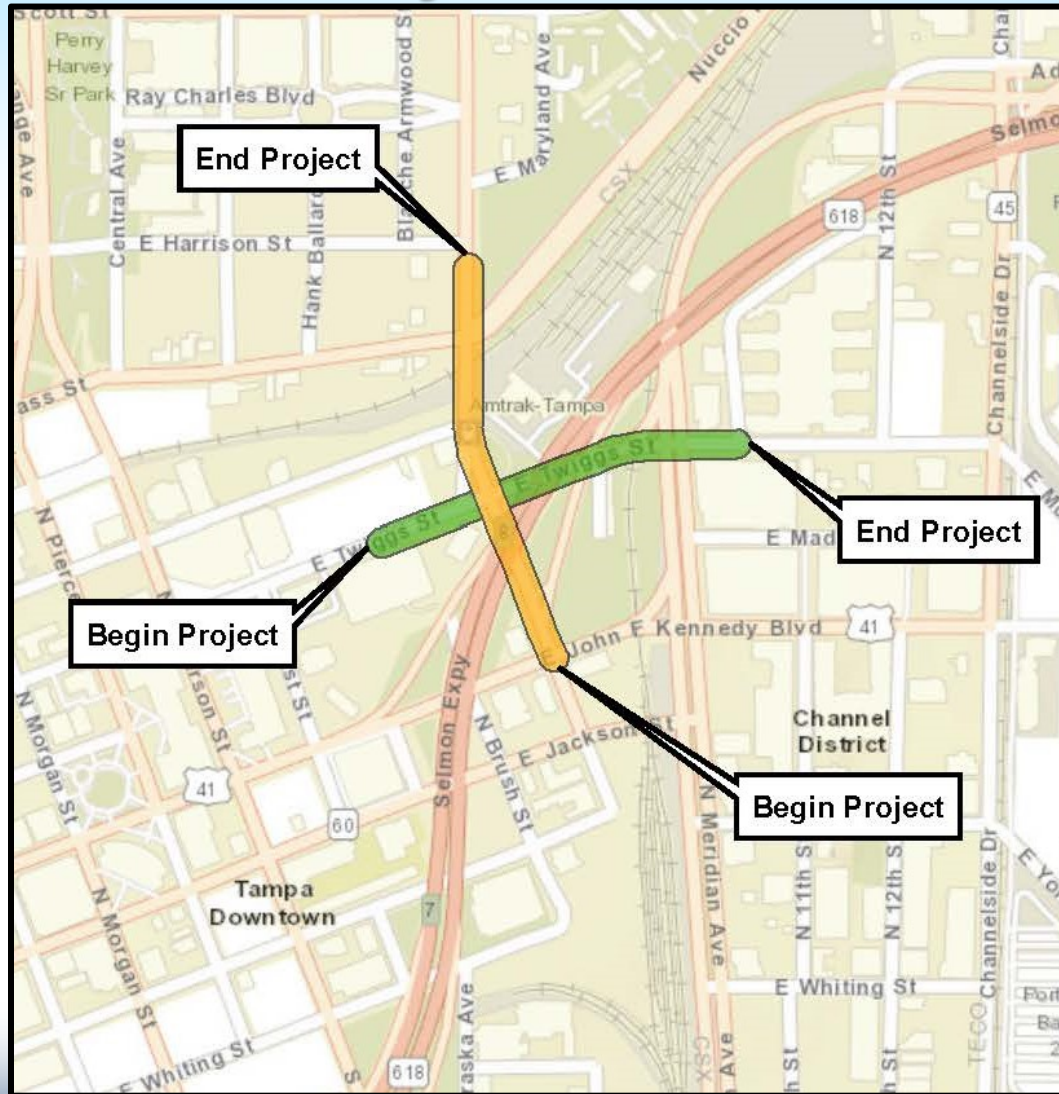
- Project Overview & Objectives
- Public Involvement
- Innovative Aspects & ATC's
- Written Technical Proposal/Schedule
- Q & A Session
- Scoring
- SBE
- DB Stipend
- TRC Members & Technical Advisors
- Project Documents Questions



Project Overview & Objectives

- Project Limits- West of Nebraska Ave. to Meridian Ave.
- Other Projects
- Project Goals
- Plan Views
- Sidewalk & Parking Lots reconfiguration
- TTCP/Work Hours
- Drainage
- Signalization replacement @ Twiggs/Nebraska
 - Joint Participation Agreement (JPA) – FDOT Funded
- Sign Structures & Lighting
- Utility Relocations
- Project Information

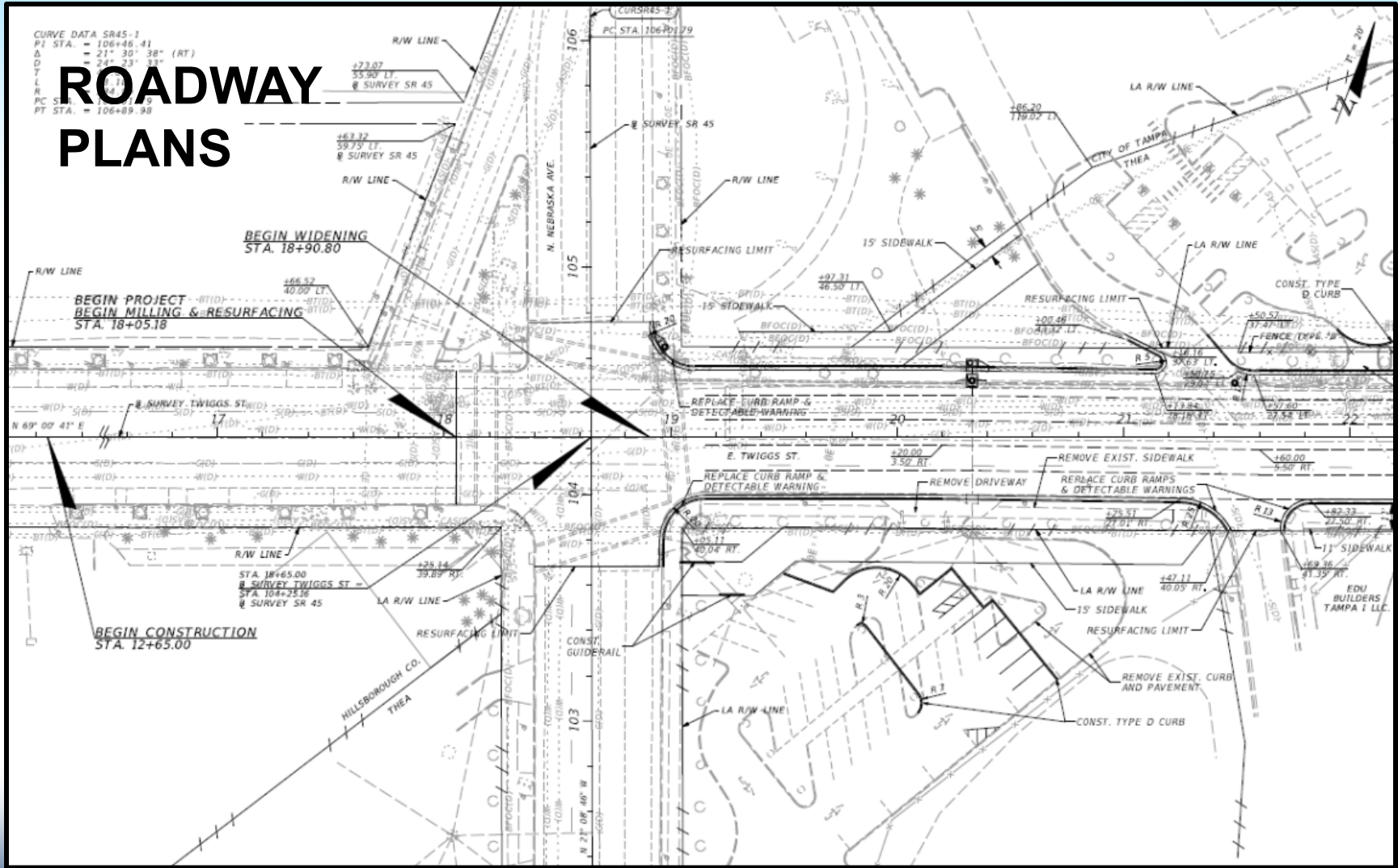
Project Limits



Project Goals

- Improve safety and operational efficiency to the corridor within the limits described.
- Minimize the inconvenience to the travelling public.
- Improve, to the maximum extent possible, the quality of existing traffic operations, both in terms of flow rate and safety, throughout the duration of the Project.
- Minimize the number of different Traffic Control Plan (TCP) phases, i.e., number of different diversions and detours for a given traffic movement.
- Maintain direct access to adjacent properties at all times.
- Coordinate with adjacent construction projects and maintaining agencies.
- Minimize the inconvenience to adjacent railroad station and charter school.

Twiggs Street DB Project



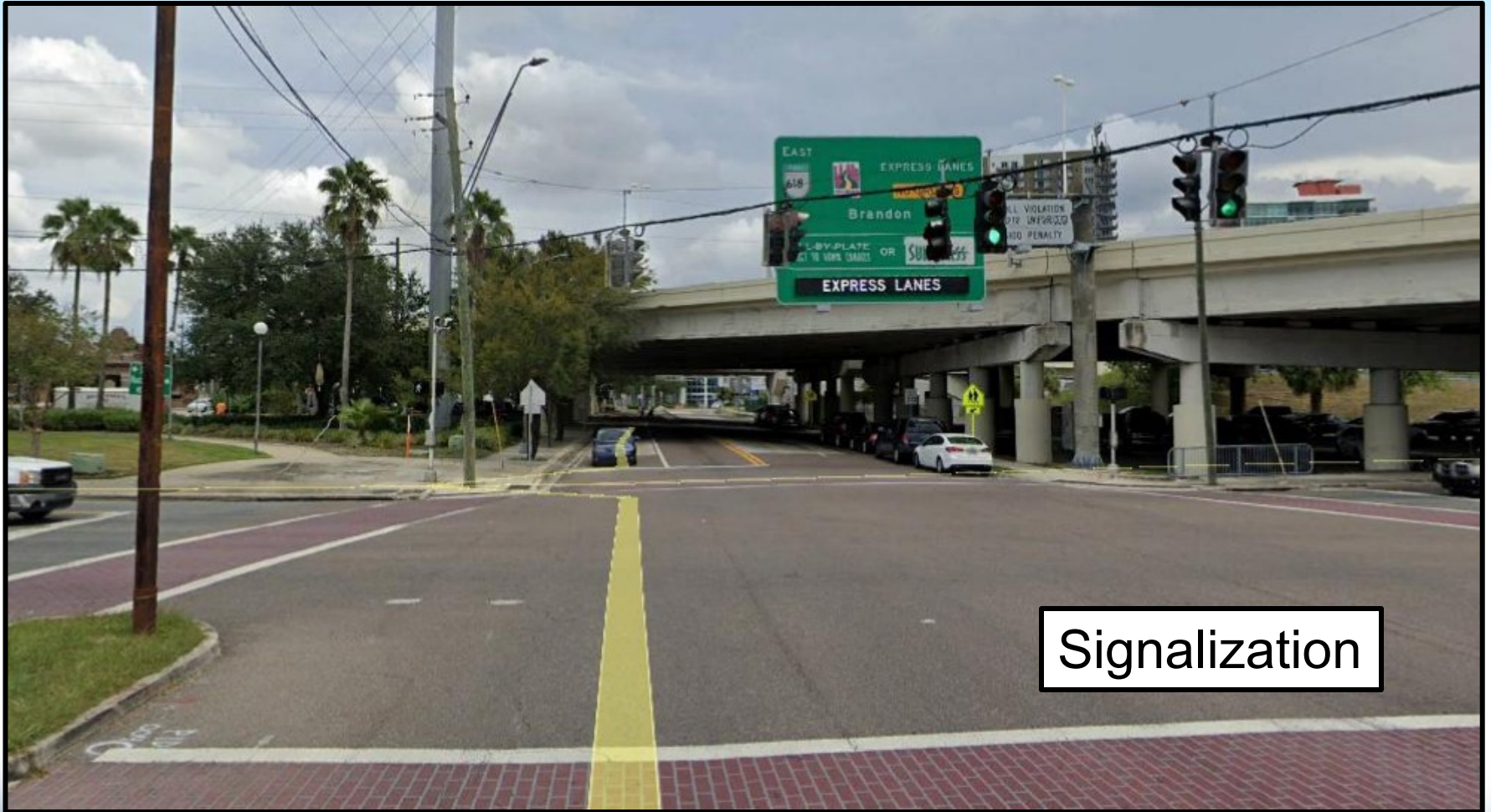
TTCP/Work Hours

- Lanes Closures **NOT** allowed Monday thru Friday between the hours of:
 - 6:00 AM to 9:00 AM
 - 2:00 PM to 7:00 PM
- Work Hours
 - Minimize noise impacts to adjacent facilities and residences
- Coordination with School & Union Station as required
- Public Involvement support
- DB Team is responsible for obtaining FDOT Railroad Clearance Letter, all required railroad permits and scheduling and paying for railroad flagmen if required

Drainage

- Construct drainage modifications to accommodate the proposed improvements
 - Modifying/Converting curb inlets to manholes
 - New/Modified/Relocated inlets
 - Desilting, video inspection, and adding cured-in-place-pipe liners to existing storm drain pipes
 - Looking for innovative approach to accommodate inlet in northeast return of Nebraska/Twiggs intersection

Twiggs Street DB Project



Signalization

Signalization

Replace the span-wire supported signals at Nebraska Avenue/Twiggs Street intersection (FDOT JPA 437535-1-A8/58/68-01)

- Mast-arm support signals in the NE and SW corners
- In accordance with approved Design Variation
- Update the pedestrian signals and ITS communication connections

Sign Structures & Lighting

- Construct overhead sign restricting westbound Twiggs Street traffic from turning left at Nebraska Avenue between 7 am and 9 am
- Install electronic DMS signs informing motorists when the east access driveway for the Twiggs Street Garage is open for entering traffic
- Coordinate with TECO on Twiggs St/Nebraska Ave intersection lighting

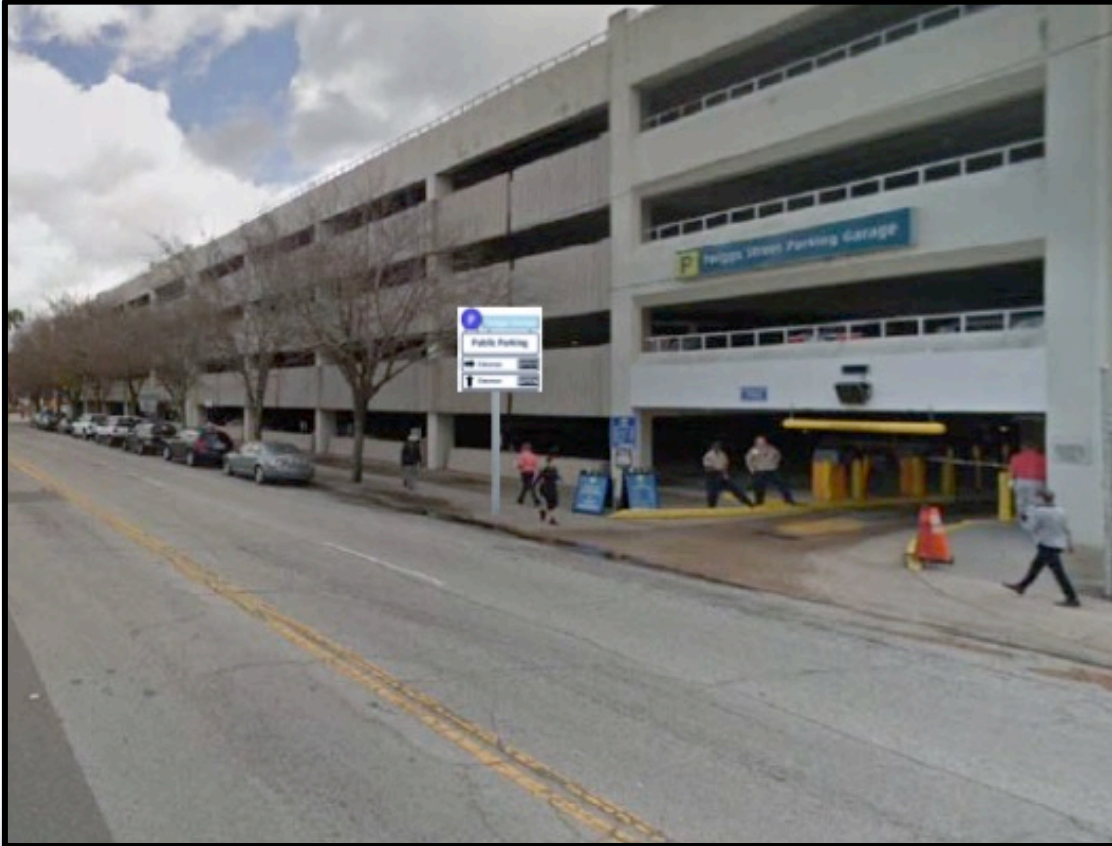
East DMS Sign



Twiggs Street Garage East Driveway
Dynamic Message Sign



West DMS Sign



Twiggs Street Garage West Driveway
Variable Message Sign



Utilities

- Important City/County communication facilities impacted by project.
- Utilities that are able are relocating/adjusting in advance of the Design-Build project to be complete by 9/1/20
- Some utility relocation/adjusting/holding in place work will be necessary with the Design-Build project
 - City of Tampa water, sewer, storm drain manhole/valve top adjustments

Twiggs Street DB Project

CONTRACT PLANS COMPONENTS
ROADWAY PLANS

INDEX OF ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	SIGNATURE SHEET
3	GENERAL NOTES
UTV-1 - UTV-2	VERIFIED UTILITY LOCATE SHEET
4 - 7	UTILITY ADJUSTMENT TYPICAL SECTION* ROADWAY PLAN*

* PLAN SHEETS PROVIDED FOR INFORMATION ONLY

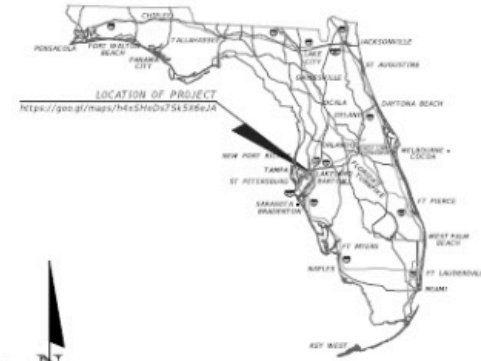
UTILITY RELOCATION PLANS

TAMPA HILLSBOROUGH
EXPRESSWAY AUTHORITY

CONTRACT PLANS

PROJECT ID: 0-00419

HILLSBOROUGH COUNTY (10002)
E. TWIGGS STREET UTILITY ADJUSTMENTS



GOVERNING STANDARD PLANS:
Florida Department of Transportation, FY 2018/19 Standard Plans for Road and Bridge Construction and applicable Interim Revisions (IRs).
Standard Plans for Road Construction and associated IRs are available at the following website: <http://www.fdot.gov/design/standardplans>

GOVERNING STANDARD SPECIFICATIONS:
Florida Department of Transportation, July 2018 Standard Specifications for Road and Bridge Construction at the following website:
<http://www.fdot.gov/programmanagement/implemented/SpecBooks>

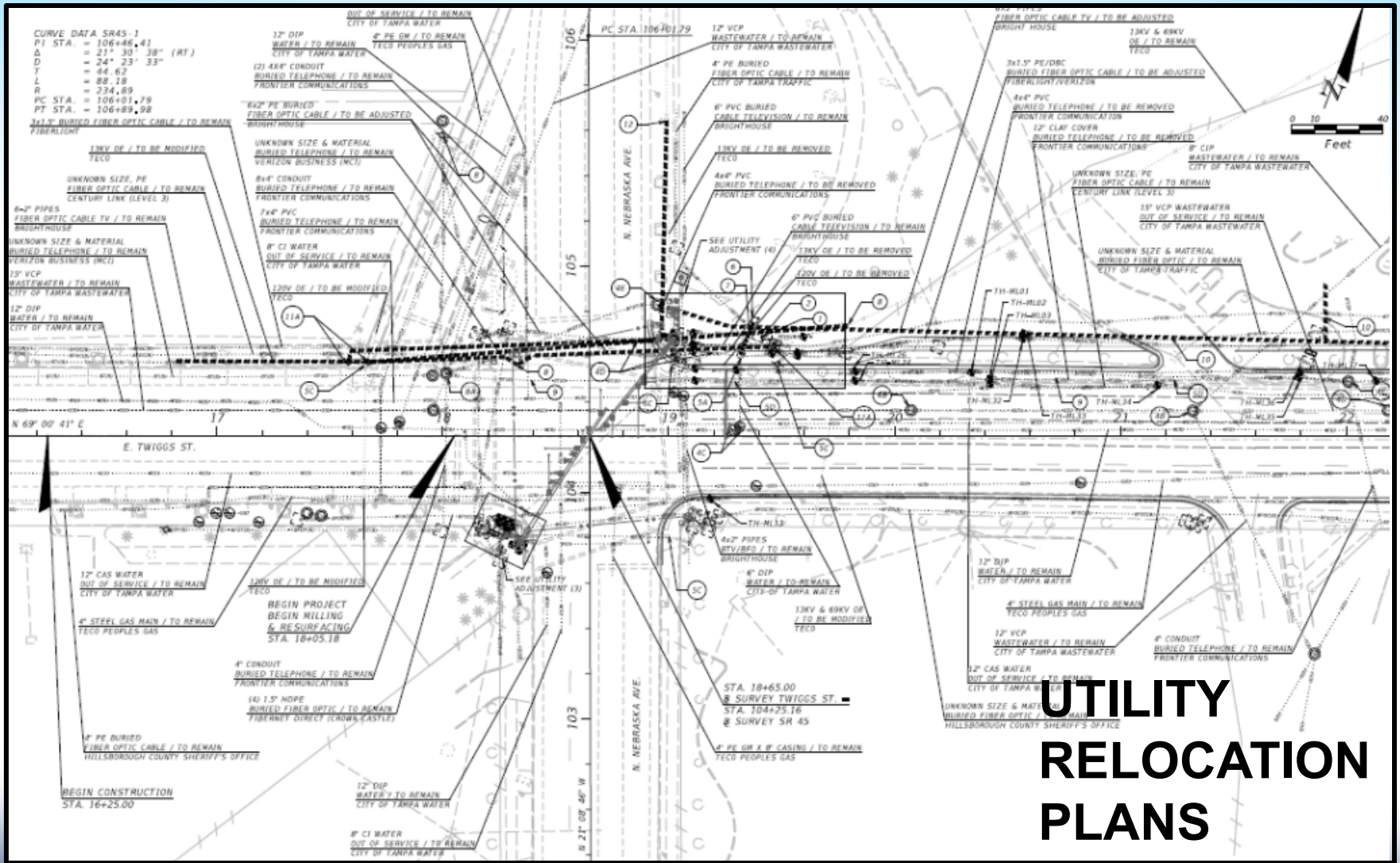
ROADWAY PLANS
ENGINEER OF RECORD:

MEGAN H. TETRO, P.E. NO.: 76120
WANTRAH GROUP, INC.
3111 W. DR. MARTIN LUTHER KING JR. BLVD.
SUITE 375, TAMPA, FL 33607
(813) 574-3190
CERTIFICATE OF AUTHORIZATION NO. 6091

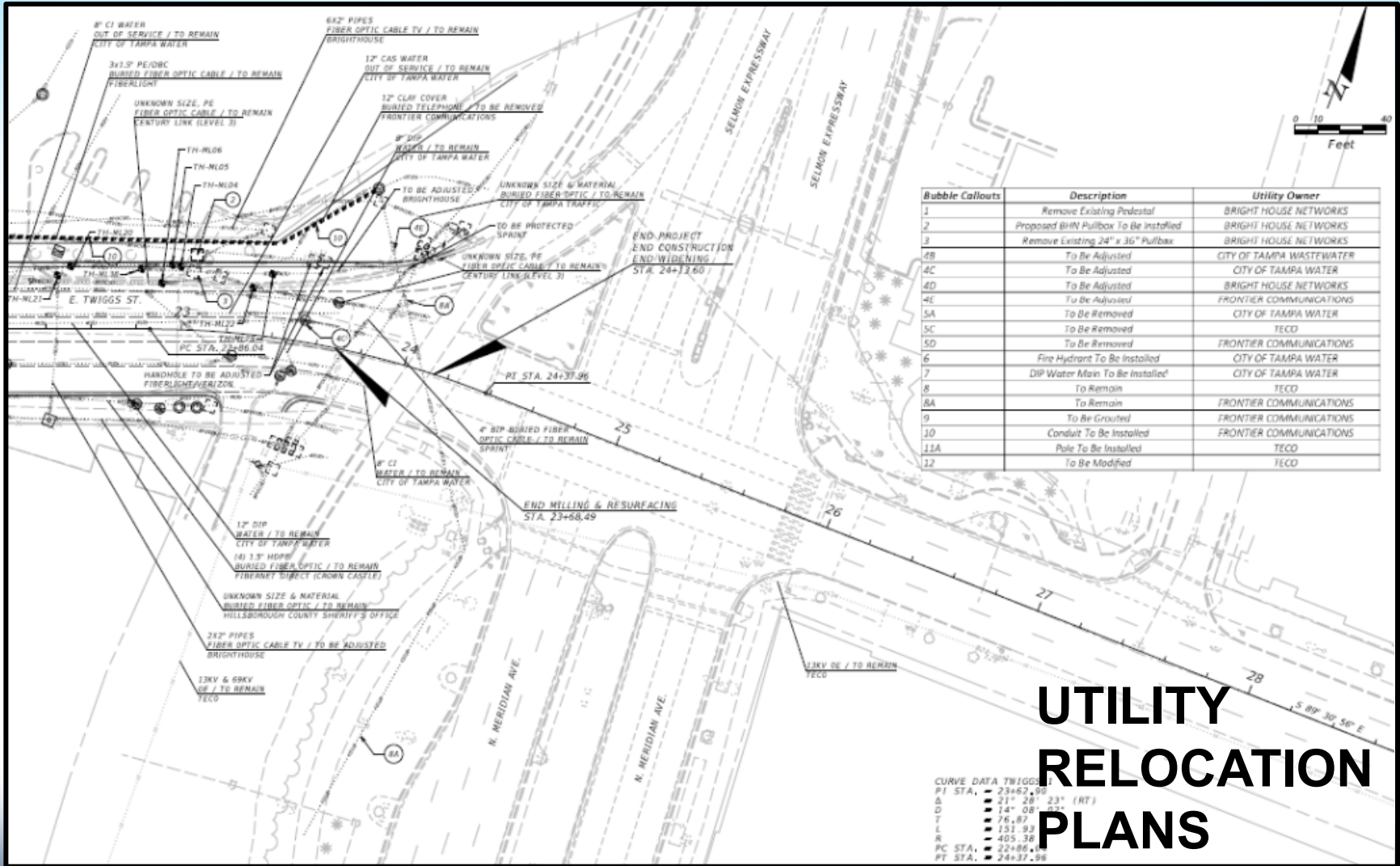
THEA PROJECT MANAGER:
DAVID MAY, P.E.

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
		1

Twiggs Street DB Project



Twiggs Street DB Project



UTILITY RELOCATION PLANS

Design Variations and/or Exceptions

- Design-Build Firm shall obtain and/or modify applicable Design Variations and/or Exceptions
- Known Variations/Exceptions
 - Design Variation for Diagonal Mast Arm Orientation (Approved)
 - Lateral Offset for Bridge Piers
 - Verify existing bridge columns meet the 600 kip vehicular collision force requirements, retrofit if possible

Public Involvement

THEA Public Information Officer (PIO) will-

- Send Out Weekly Lane Closure Notifications
- Send Out Bi-weekly Project Status Emails
- Maintain and Update Project Website
- Post Updates on Social Media

Design Build Team will Coordinate Closely with PIO

Design Build Team may Attend Meetings with the Public to
Provide Quick Response to the PIO to Address Construction
Issues

Design Build Team will Proactively Report any Interaction
with the Public to the PIO

Design Build Team will Provide Support as needed by PIO

Innovative Aspects & ATC's

The following will not be considered:

- Reduction in the begin and end Project limits
- Reduction in the number of lanes and lane widths as depicted in the Typical Section Package and Concept Plans
- Reduction in permanent Design Speeds on all State or local roads
- Reduction in the Access Classification and Control, or changes to the access management or property access requirements
- Reduction in the minimum storage lengths at intersections, as depicted in the Concept Plans
- ATC's (One Round only) will follow standard FDOT process

Written Technical Proposal

- Submit 1 Original, seven (7) Flash Drives containing the Technical Proposal in PDF format and seven (7) collated, complete sets of hard copies
- New Times Roman type font, minimum font size ten (10)
- Project Approach- Maximum of 10 pages
 - 8 ½" x 11" sheets
 - Schedule Narrative for Design & Construction with Bar Charts showing Critical Path Duration w/no WAR (Work at Risk)
- Plans
 - 11" x17" sheets
- TSP's

Price Proposal

- Since JPA, Signal Replacement Work is required to be priced separately from remaining work on Twiggs.
- Bid price shall be the total of the signal replacement work price plus the price of the remaining project work.
- Price proposal shall include separate schedule of values for Signal Replacement Work
- Contractor invoices shall include separate invoices for signal replacement work

Q & A Session

- 60 minutes in length
- No other handouts, electronic presentations, etc. other than copies of the submitted Written Technical Proposal
- No questions allowed by the DB Team
- Some questions, but not necessarily all, will be provided to each DB Team approximately 24 hours prior to their Q& A Session

Scoring

Element:	Points:	Price Proposal scoring:
Letter of Interest	20	X/Y multiplied by 40 = A Where: X = the lowest Scored Price as proposed by any responsive Proposer Y = the Scored Price proposed by Proposer A = Proposer's Price Proposal score, to three decimal places
Design	10	
Construction	10	
MOT	10	
Schedule	10	
Price	40	
Total Possible Points:	100	

Procurement Schedule

Tues., Apr. 21, 2020	Industry Forum
Fri., Apr. 24, 2020	Advertisement
Thurs., May 7, 2020	Deadline to submit Questions/Request for Clarification
Mon., May 11, 2020	Addendum Release (if required)
Fri., May 16, 2020	Letter of Interest Due
Thurs., May 21, 2020	Evaluation Committee Meeting
Fri., May 22, 2020	Posting of Shortlist
Monday, June 8, 2020	Board Approval @ Board Committee As a Whole Mtg.
Tues., June 9, 2020	Posting of Board Approval of Shortlist
Fri., June 12, 2020	Deadline for Shortlisted Firms to Declare Intent to Continue
Mon., June 15, 2020	THEA Contracting Unit Updates List of Shortlisted Firms

Procurement Schedule

Thurs., June 18, 2020	Mandatory Pre-Proposal Meeting & Mandatory Utilities Pre-Proposal Meeting
Fri., June 19, 2020	Deadline to request participation in ATC Mtg. No.1 and to submit Preliminary List of ATC's prior to ATC Meeting
Thurs., June 25, 2020	One-on-One ATC Meetings
Thurs., July 9, 2020	Deadline to submit ATC Concept Proposals
Thurs., July 16, 2020	Deadline to submit Design Exception or Variations & Questions prior to Technical Proposal
Thurs., July 23, 2020	Deadline for Authority to post Responses to Questions
Thurs., July 30, 2020	Technical Proposals Due
Tues., Aug.11, 2020	Question & Answer Sessions

Procurement Schedule

Fri., Aug. 14, 2020	Deadline to submit Written Clarification Letter following Q & A Sessions
Mon., Aug. 17, 2020	Deadline to submit Questions prior to submission of Price Proposal
Fri., Aug. 21, 2020	Deadline for Authority to post Responses to Questions
Thurs., Aug. 27, 2020	Price Proposals Due, announcing of Technical Scores, and posting of Final Scores and Bid Prices
Tues., Sept. 8, 2020	Public Meeting of Selection Committee & posting of Award
Fri., Sept. 11, 2020	Anticipated Award Date
Fri., Sep. 18, 2020	Anticipated Execution Date

CEI to be advertised in May

SBE

THEA's Small Business Enterprise (SBE) Policy requires nondiscrimination on the basis of race, color, national origin, and gender in its employment and contracting practices and encourages the solicitation and utilization of SBE's. This means that the Authority's goal is to spend a portion of the highway dollars with Certified SBE's as prime Design-Build Firms or as subcontractors. Race-neutral means that the Authority believes that the overall goal can be achieved through the normal competitive procurement process. THEA has exceeded 15% SBE participation on its program for the last several years.

DB Stipend

- \$25,000 per non-selected shortlisted Design-Build Firm that meets the stipend eligibility requirements including submittals of written technical proposal and price proposal
- Design-Build Firm must fully execute with original signatures and have delivered to the Authority within one (1) week after the Short-List protest period, four (4) originals of the Design-Build Stipend Agreement.

TRC Members and Technical Advisors

- **TRC Members:**

- Judith Villegas, EI – THEA
- Bob Frey, AICP – THEA
- Anna Quinones, EI – THEA

- **Technical Advisors:**

- Sue Chrzan – THEA
- Jim Drapp, PE – THEA GEC
- Al Stewart, PE – THEA GEC
- David Hubbard, PE – THEA GEC
- Julian Gutierrez, PE – THEA GEC
- Dan D'Antonio, PE, PTOE – THEA GEC



Project Documents

<http://www.tampa-xway.com/procurement/#>

The cone of silence remains in place for all THEA, FDOT, City of Tampa, HNTB, Tierra, Element and Omni staff.

All questions should be emailed to Man Le, THEA Contracts & Procurement Manager:
man.le@tampa-xway.com

Answers will be posted on the THEA website and Demandstar



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to Man Le, THEA Contracts &
Procurement Manager:
man.le@tampa-xway.com