



**MANATEE COUNTY  
FLORIDA**

**PUBLIC WORKS DEPARTMENT**

**44<sup>TH</sup> AVENUE EAST**

**WORKSESSION PRESENTATION**

**August 20, 2013**

This Presentation is an update on the Public Works Department 44<sup>th</sup> Avenue East Project.

### **Timeline**

On May 21, 2013, the Public Works Department presented the Honorable Board of County Commissioners (BoCC) a detail project status on 44<sup>th</sup> Ave. East project.

On August 6, 2013, the BoCC requested a Work Session on 44<sup>th</sup> Ave East Project.

The only major changes since the last presentation are:

- ✓ 44<sup>th</sup> from 1<sup>st</sup> to 19<sup>th</sup> St. East has been awarded for Construction.
- ✓ Staff conducted a pre-application meeting with U.S. Coast Guard regarding the bridge crossing over the Braden River

**The following is a more detailed status update for each segment of the project:**

### **44<sup>th</sup> Avenue East (US 41 to 19<sup>th</sup> Street Court East) Project Update**

- Project Awarded on June 18, 2013 to Woodruff & Sons, Inc. with contract amount of \$8,955,511.
- Project duration of 720 days, beginning on July 17, 2013 and ending on July 7, 2015.
- Project has commenced.

### **44<sup>th</sup> Avenue East (19<sup>th</sup> Street Court East to 30<sup>th</sup> Street East) Project Update**

- Project is 100% designed and Southwest Florida Water Management District (SWFWMD) permit has been acquired.
- The FDOT and US Army Corps of Engineers permit applications have been submitted and Manatee County is awaiting the issuance of permits.
- Land Acquisition Status:
  - Six (6) parcels are needed for the project Six (6) parcels still need to be acquired.
  - Appraisals on four (4) parcels have been completed.
  - Appraisals on two (2) parcels are due September, 2013.
  - Property Management anticipates all parcels will be submitted to the County Attorney's Office by no later than January 15, 2014 for Eminent Domain purposes.
- Construction Cost Estimate is \$10,110,000, which includes a discretionary budget of \$1,111,000.
- 3rd Quarter of 2014 - Plans and specs are estimated to be delivered to Purchasing.
- 4th Quarter of 2014 – Bid Award.
- 1st Quarter of 2015 – Commencement of Construction – 540 day estimated construction schedule.

#### **44<sup>th</sup> Avenue East (30<sup>th</sup> Street Court East to 45<sup>th</sup> Street East) Project Update**

- Project is 100% designed and SWFWMD permit has been acquired.
- The US Army Corps of Engineers permit application has been submitted and Manatee County is awaiting issuance of the permit.
- Land Acquisition Status:
  - Twenty Seven (27) parcels were needed for the project.
  - Thirteen (13) parcels have been acquired.
  - Fourteen parcels (14) still need to be acquired. As for the status of the fourteen (14) parcels:
    - Six (6) parcels will require eminent domain.
    - Four (4) parcels – Property Management has successfully negotiated final resolutions and awaiting final execution.
    - Four (4) parcels –County Attorney’s Office is working on contract language.
- Construction Cost Estimate is \$11,468,000, which includes a discretionary budget of \$940,000.
- 3rd Quarter of 2014 - Plans and specs are estimated to be delivered to Purchasing.
- 4th Quarter of 2014 – Bid Award.
- 1st Quarter of 2015 – Commencement of Construction – 540 day estimated construction schedule.

#### **45th Street East (SR 70 to 44th Avenue) Project Update August 2013**

- Notice to Proceed with Design given June 21, 2013
- 30% design due October 2013.
- 60% design due January 2014.
- Field Survey Began June 28, 2013 .
- Ecological work began June 25, 2013 and the majority of the work should be complete by end of year - Ongoing based on pond site selection.
- Traffic Field Studies began July 5, 2013 .
- Geotechnical work to begin mid-August and the field investigation should be completed in approximately two months – ongoing.
- Developing typical sections; draft sections to County for review by end of August 2013.
- Preliminary Roadway Alignment Report expected end of October/early November 2013.

#### **44th Avenue East Extension to Lakewood Ranch**

- Meeting with USCG was conducted on July 16, 2013.
- See attached





## MINUTES

**PROJECT:** 44<sup>TH</sup> AVENUE EAST EXTENSION OVER THE BRADEN RIVER  
**DATE/TIME:** 7/16/13 at 1:00 PM  
**LOCATION:** Seventh Coast Guard District 909 SE First Avenue, Miami, FL  
**COPIES TO:** Attendees, File  
**PREPARED BY:** E. Peter Nikolov, PE  
**SUBJECT:** Pre-Application Meeting with USCG

---

### In Attendance:

Name	Organization	Telephone	E-mail Address
Randall Overton	USCG	305.415.6736	<a href="mailto:Randall.D.Overton@uscg.mil">Randall.D.Overton@uscg.mil</a>
Kent Bontrager	Manatee County	941.708.7450	<a href="mailto:Ken.Bontrager@mymanatee.org">Ken.Bontrager@mymanatee.org</a>
Sia Mollanazar	Manatee County	941.708.7487	<a href="mailto:Sia.Mollanazar@mymanatee.org">Sia.Mollanazar@mymanatee.org</a>
Jeff Strietmatter	Manatee County	941.708.7450	<a href="mailto:Jeff.Strietmatter@mymanatee.org">Jeff.Strietmatter@mymanatee.org</a>
Bob Heck	Cardno TBE	727.638.3013	<a href="mailto:Bob.Heck@cardno.com">Bob.Heck@cardno.com</a>
Sharon Niemczyk	Cardno TBE	561.629.3594	<a href="mailto:Sharon.Niemczyk@cardno.com">Sharon.Niemczyk@cardno.com</a>
Peter Nikolov	Cardno TBE	727.431.1550	<a href="mailto:Peter.Nikolov@cardno.com">Peter.Nikolov@cardno.com</a>

The following represents our understanding of the main topics that were discussed at the meeting. Should anyone's recollection differ or have any additional items, please advise immediately.

The purpose of the meeting was to obtain information from USCG pertaining to their requirements for permitting of the 44<sup>th</sup> Avenue Extension over the Braden River project.

1. The County opened the meeting by giving a description and project history of what is driving the need for 44<sup>th</sup> Avenue improvements and the crossing over the Braden River.
  - A. The 44<sup>th</sup> Avenue improvements are part of the County's Comprehensive Plan of 1989.
  - B. The need for improvements is due to traffic circulation, traffic demand and connectivity.
  - C. There are two paralleling roadways (SR 64 to the north and SR 70 to the south of 44<sup>th</sup> Avenue) that have been built-out to 6-lanes
  - D. Since 1989, portions of 44th Avenue East of the River Crossing have been completed.
  - E. Currently on the West side of the River Crossing, the County has two 44<sup>th</sup> Avenue improvement projects that will be going to construction. These projects will improve 44<sup>th</sup> Avenue to 4-lanes within the next 16 months.
  - F. The need for the improvements for 44<sup>th</sup> Avenue is supported by the MPO traffic model.
2. At this time, County funds will be used for the proposed improvements. No federal funding is anticipated.

3. There are existing SR 64 bridges located 3.3 miles downstream of the proposed 44<sup>th</sup> Avenue project and SR 70 bridge located 1 mile upstream of the 44<sup>th</sup> Avenue project that have the following vertical and horizontal controls:
  - A. Existing SR 64 Bridge (West)
    - Vertical clearance = 10.1' (MHW)
    - Horizontal clearance = 46'
  - B. Existing SR 64 Bridge (East)
    - Vertical clearance = 10.2' (MHW)
    - Horizontal clearance = 39'
  - C. Existing SR 70 Bridge
    - Vertical clearance = 8.6' (MHW)
    - Horizontal clearance = 29'
4. Based on the downstream vertical clearance, the proposed bridge at 44<sup>th</sup> Avenue over the Braden River will have a minimum clearance of 10.2' (MHW). The proposed horizontal clearance will be about 85' in order to minimize environmental impacts.
5. USCG had the following input on the approach to permitting:
  - A. The project is a permissible project.
  - B. An EA will need to be completed for this project as a minimum.
  - C. The project has to identify and justify the purpose and need for the improvements.
    - This includes connectivity and logical termini.
    - Since portions of 44th Avenue have been and will be constructed on each side of the River, the segment of 44th Avenue from 45th Street to Caruso Road would be an appropriate starting and ending point for the project if the project demonstrates independent utility, meaning support roadways exist to support the project or that the project can stand on its own. Supporting justification will be provided to support this connectivity and termini.
    - The County also indicated that private utilities have provided significant investment following the proposed 44th Avenue alignment. This will be also used for project justification.
    - The project will need to address cumulative and secondary impacts.
  - D. The USCG noted that this project will more likely require an EA but may be switched to an EIS depending whether there are "Significant Environmental Impacts". Actions which generate significant controversy because of effects on the human environment may elevate the project to an EIS. This will be determined by the USCG.
  - E. The USCG suggested the County submit a letter, conceptual layout plans with project supporting information to allow the USCG to review the project and provide the County what environmental documents will be needed for the permit. The County should allow 30-days for the USCG to review the submittal. The following project supporting information should be submitted for the review:
    - Statement of need.
    - Conceptual layout plans showing proposed alignment and connectivity.



- Upstream and downstream bridge controls.
- Boat surveys.
- Adjacent 44<sup>th</sup> Avenue improvements.
- Reasoning for the connectivity.
- Number of impacts to residents and wetlands.
- Other potential environmental impacts.

F. The following are anticipated permitting times for scheduling purposes:

- EA – 12 months
- EIS – 18 months additional (only if required)
- The 30 days for review for USCG permit application is the initial review of the application for completeness. When the application is deemed complete, issuance of the permit takes between 6-10 months; issuance of the ERP/401 Water Quality Certification is still required prior to Coast Guard Bridge Permit issuance.

End of Minutes