



HISTORIC  
FRANKLIN  
TENNESSEE

Item # 26  
CIC  
04-14-11

## MEMORANDUM

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April 11, 2011

TO: Board of Mayor and Aldermen

FROM: Eric J. Gardner, P.E., Director of Engineering  
Eric S. Stuckey, City Administrator  
David Parker, P.E., City Engineer

SUBJECT: CIP Project Status – Street Projects

### Purpose

The purpose of this memo is to update the Board of the status of some of the City's street projects.

### Project Status

#### **A. Mack Hatcher Parkway NW Extension**

**BOMA Priority Ranking:** N/A (Highest Priority)

**Key Dates:** Design Start – August 14, 2007 (BOMA Approval); Design Completion – May 2011 (Estimated); ROW Start – December 2009 (ROW Meeting Scheduled); ROW Completion – May 2011 (Estimated); Construction Start – January 2012 (Estimated if Funding is In Place); Construction Completion – January 2014 (Estimated if Funding is in Place)

**Cost:** Design – \$3,502,501; ROW – \$13,397,520 (Provided by TDOT); Construction – \$58,700,000 (Provided by TDOT)

**Funding Source:** Design – Bond Issue; ROW – Partially funded by City (Bond Issue) and TDOT; Construction – Currently not funded but anticipated to be 100% TDOT and FHWA funded

**Status Update:** All offers have been made to the property owners. At this time we have made an agreement with 37 of the 45 property owners. Properties that haven't been agreed upon have been sent for condemnation.

#### **B. Hillsboro Road Improvements**

**BOMA Priority Ranking:** #1

**Key Dates:** Design Start – March 24, 2008 (BOMA Approval); Design Completion – August 2011 (Estimated); ROW Start – January 2011; ROW Completion – August 2012 (Estimated); Construction Start – November 2012 (Estimated); Construction Completion – December 2014 (Estimated)

**Cost:** Design – \$1,324,221; ROW – \$3,000,000; Construction – \$21,701,425 (\$1,750,000 in State Approved Funding)



**Funding Source:** Design – Bond Issue; ROW – Bond Issue; Construction – Partially funded by City (Bond Issue) and TDOT

**Status Update:** See separate memo for Hillsboro status and discussion. A ROW Acquisition Public Hearing will be held on May 12<sup>th</sup>, right after the Capital Investment Committee meeting, whereas the property acquisition procedure will be explained.

### C. McEwen Drive, Phase III Improvements

**BOMA Priority Ranking:** #3

**Key Dates:** Design Start – July 13, 2004 (BOMA Approval); Design Completion – May 2010; ROW Start – February 2009; ROW Completion – March 2010; Construction Start – February 15, 2011; Construction Completion – March 2012 (Estimated)

**Cost:** Design – \$544,000; ROW – \$1,200,000; Construction & CEI– \$7,818,484.05

**Funding Source:** Design – Capital Project Bonds and Street Aid; ROW – Approx. \$1,200,000 w/ Bond Fund, Remaining w/Road Impact Fee Offset Agreements; Construction – Capital Bonds and Road Impact Fees with TDOT reimbursement at 40/60

**Status Update:** A Notice to Proceed was issued for this project at the conclusion of the pre-construction meeting on 02/15/11. However, the contractor was informed that McEwen Drive could not be closed until Monday, 02/21/11, at the earliest. Work began on the project, in earnest, on that Monday, 02/21/11. All Erosion & Sediment Control Measures and Temporary Traffic Control Devices are in place and functional. The contractor has begun grading operations, installation of storm sewer, sanitary sewer, and installation of bridge footings. ATMOS Energy is also onsite relocating the existing gas line. Change Order #1 in the amount of \$8,136.55 for sanitary sewer modifications is on the 04/14/11 CIC Agenda. Also, there is a request for a Project Contingency in the amount of \$100,000 on the same agenda.

### D. 3<sup>rd</sup> Avenue Extension

**BOMA Priority Ranking:** #6

**Key Dates:** Design Start – April 11, 2006; Design Completion – February 2011; ROW Start – October 9, 2007; ROW Completion – January 26, 2010; Construction Start – October 2011 (Estimated); Construction Completion – October 2012 (Estimated)

**Cost:** Design \$65,725.00 (This number does not include design cost from the Bicentennial Park Project); ROW \$226,500.00; Construction \$7,644,884.00 (Based on Studio Eight Design's cost estimate dated 2/23/2009)

**Funding Source:** Design – Bond Issue; ROW – Bond Issue; Construction – Bond Issue/CMAQ Funding/TDEC Funding

**Status Update:** This project currently has STP funding from TDOT and grant funding from TDEC and will require TDOT/TDEC approval prior to starting construction. All permits have been obtained. Staff is currently waiting on TDOT ROW approval. The Harpeth River Greenway Trail is moving forward as a separate construction contract to avoid losing TDEC funding.



**E. South Carothers Parkway Extension**

**BOMA Priority Ranking: #5**

**Key Dates:** Design Start – July 10, 2007; Design Completion – Four months after construction funding is approved (Estimated); ROW Start – May 26, 2009; ROW Completion – March 2011; Construction Start – Not Funded; Construction Completion – Not Funded

**Cost:** Design – \$1,569,620.00; ROW – \$500,000.00 (Estimated); Construction – \$16,257,000 (Estimated)

**Funding Source:** Design – Bond Issue; ROW – Bond Issue; Construction – Not Funded

**Status Update:** Staff has obtained all ROW or currently has agreements in place to obtain the ROW. Staff is currently waiting on construction funding prior to finalizing bid documents.

**F. Columbia Avenue Streetscape Project**

**BOMA Priority Ranking: #2**

**Key Dates:** Design Start – June 21, 2005 (BOMA Approval); Design Completion – October 5, 2009; ROW Start – August 2007; ROW Completion – October 2009; Construction Start – November 16, 2009; Construction Completion – October 23, 2010 (Except for punch list items)

**Cost:** Design – \$430,000; ROW – \$200,000; Construction – \$2,629,099.25

**Funding Source:** Design – Bond Issue; ROW – Bond Issue; Construction – Bond Issue with possible Buy America backing

**Status Update:** Construction is 99% complete. Landscaping punch list item work was started the last week of March. Still waiting to correct a few other punch list items before the project can be closed out.

**G. Carlisle Lane/Boyd Mill @ SR 96 West Signalization**

**BOMA Priority Ranking: #4**

**Key Dates:** Design Start – October 9, 2007; Design Completion – May 2011 (Estimated); ROW Start – June 23, 2009; ROW Completion June – 2011 (Estimated); Construction Start – Not Funded; Construction Completion – Not Funded

**Cost:** Design – \$157,155.00; ROW – \$28,725.00 (Estimated); Construction – \$1,995,000.00 (Estimated)

**Funding Source:** Design – Bond Issue; ROW – Bond Issue; Construction – Not Funded

**Status Update:** Our Consultant is currently updating the design based on alignment change approved by BOMA.

**H. Nichol Mill Lane**

**BOMA Priority Ranking: N/A**

**Key Dates:** Design Start 2002; Design Completion - November 2010; ROW Start - 2003; ROW Completion - November 2010; Construction Start – February 2011; Construction Completion October 2011;

**Cost:** Design – \$110,280.00; ROW - \$821,226.00; Construction - \$1,237,503.56

**Funding Source:** Design – Bond Issue; ROW – Bond Issue; Construction – Bond Issue

**Status Update:** Construction has started. Utilities currently being installed.



**I. Mallory Station and General George Patton/Duke Drive Signalization**

**BOMA Priority Ranking:** N/A

**Key Dates:** Design Start – October, 2007 (BOMA Approval); Construction Completion – June 2011 (Estimated)

**Cost:** Design – completed Aug. 2009 (\$3,000 for Project Manual Requested) CSX Transportation Const: \$124,010; Construction of signal \$358,072

**Funding Source:** General fund with \$140,000 in Developer contributions

**Status Update:** A Pre-construction meeting was held Jan. 26<sup>th</sup>. Construction began on Feb. 14<sup>th</sup>. Expect completion by June 2011.

**J. TOC Phase 3 Software Project**

**BOMA Priority Ranking:** N/A

**Key Dates:** Implementation Start – August 14, 2007 (BOMA Approval); Implementation Completion – June 2011 (Estimated)

**Cost:** Design – \$432,155;

**Funding Source:** Implementation – General Fund with TDOT STP reimbursement at 80/20. TDOT STP funding at \$509,600

**Status Update:** Formal training on CONCERT (Traffic Management) system has begun with full completion by June 1<sup>st</sup>. TACTICS (Traffic Signal) software was installed in September. MIT has purchased majority of components for conversion. TOC Staff continues working with TDOT authority to purchase CCTV video solution.

**K. TOC Phase 3 Infrastructure and Upgrades Project**

**BOMA Priority Ranking:** N/A

**Key Dates:** Design Start – October 14, 2008 (BOMA Approval); Design Completion – September 2009 ; ROW Start – N/A; ROW Completion – N/A; Construction Start – July 2011 (Estimated); Construction Completion – April 2012 (Estimated)

**Cost:** Design – \$238,531.00; ROW – N/A; Construction – \$425,000; CEI; \$153,003

**Funding Source:** Design – General Fund with TDOT reimbursement at 80/20; ROW – N/A ; Construction and CEI – General Fund with TDOT reimbursement at 80/20. TDOT STP funding for CEI of \$200,000 in current FY 2011 TIP.

**Status Update:** FHWA has permitted direct purchase of materials. MIT is currently testing. CEI in on this agenda. Anticipate Construction to go to bid in June.

**L. Franklin ITS (ARRA 2009) Project**

**BOMA Priority Ranking:** N/A

**Key Dates:** Design Start – January 15, 2010 (TDOT NTP for Design); Design Completion – March 2010; ROW Start – N/A; ROW Completion – N/A; Construction Start – Sept. 2010; Construction Completion – August 2011

**Cost:** Design – \$250,000; ROW – N/A ; Construction – \$1,048,520.70

**Funding Source:** Design – General Fund with TDOT reimbursement at 100%; ROW – N/A; Construction – General Fund with TDOT reimbursement at 100%.

**Status Update:** Construction underway. Completion at approx. 35-40%. Anticipated completion set for August 2011. Additional CEI request for \$24,466 on agenda.



**M. Cool Springs Traffic Signal Upgrade Project**

**BOMA Priority Ranking:** N/A

**Key Dates:** Design Start – June 1, 2010 for modifications to I-65 SB ramp at Galleria Blvd.

**Cost:** Design – \$75,000; Project Admin - \$5,300; Construction – TBD

**Funding Source:** Design – General Fund; Construction – General Fund.

**Status Update:** Design at 100%. TOC Staff is bidding the Project to install 1 of the 3 projects in this program. This project includes a Pedestrian Signal installation at Bakers Bridge and North Carothers. For the March 1, 2011 bid opening, Stansell Electric Company was the only Bidder with a bid price of \$87,827.00. This is over the budgeted amount and approximately \$30,000 more than the engineers estimate. Engineering has value engineered the project to incorporate work from the Street Department's Annual Contract, and the bid opening for this signal construction contract is scheduled for May 3, 2011.

**N. McEwen Drive at Wilson Pike Intersection Improvements Project**

**Key Dates:** Design Start – October 2010; Design Completion – August 2011\*; ROW Start –

September 2011\*; ROW Completion – March 2012\*; Construction Start – July 2012\*;

Construction Completion – July 2014\*

\*Denotes Estimated Date

**BOMA Priority Ranking:** N/A

**Cost:** Design – \$180,000; ROW – TBD \$; Construction – \$2,000,000 (Estimate)

**Funding Source:** \$1,000,000 from Williamson County Board of Education; Remaining Funding to come from Williamson County Facility Tax Fund

**Status Update:** Several preliminary design options were brought before the Capital Investment Committee on 03/10/11 for further direction. However, a final decision was not made at that meeting. Engineering Staff awaits final direction by the BOMA.