



MEMORANDUM

August 5, 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: Continue to wait for mortgage companies to send releases so closings can take place. At this time there are still 5 tracts to close.

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 (\$1,875,000 in State Approved Funding)



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

Status Update: ROW Phase underway. Appraisals and review appraisals continuing.

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– \$7,982,212.65

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 50/50

Status Update: Both bridge have been delivered and set in place. The contractor is working to backfill both structures, so that major grading operations can be completed across the site. Retaining wall #2 is complete, and retaining wall #1 is approximately 50% complete. Change Order #3 appeared before the BOMA on July 26 and was approved in the amount of \$32,822.05.

D. 3rd 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 \$5,138,000.00 (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: TDOT and FHWA have determined that the ROW was not purchased per TDOT standards and requirements. TDOT and the FHWA are requiring the City of Franklin to re-appraise all properties associated with the project to ensure all property owners have been paid fair market value. Staff will be required to offer the properties owner's additional compensation if the properties were purchased below fair market value. Once ROW has been approved by TDOT Staff will resubmit plans for approval.

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 99.9% complete. City personnel met with Civil Constructors, Inc. to discuss the ongoing delays in closing out this project. Civil is now working on completing the last 2 punch list items. The main project delay (approx. 9 months) being a manufacturing issue with the street lights that required new poles to be approved and installed. The Final Change Order (including a time extension request) should be ready for the Board within 2 months.

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

BOMA Priority Ranking: #4

Key Dates: Design Start – October 9, 2007; Design Completion – October 2011 (Estimated); ROW Start – June 23, 2009; ROW Completion July – 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: Staff has verbal agreements with all property owners. The Carlisle HOA will require 100% approval from all property owners and may require condemnation.

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: Private utilities have been relocated. MVUD has relocated Academy Sports Meters and services. Phase I storm sewer is 80% complete and work has started on the signal.

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 – Aug. 12, 2011



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: Paving Completed. Pole installation completed. Wiring and testing underway.

J. TOC Phase 3 Software Project

BOMA Priority Ranking: N/A

Key Dates: Implementation Start – August 14, 2007 (BOMA Approval); Implementation Completion – July 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: Functional Systems testing Started July 29th. Expect final testing by Sept. 30th

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: Design change necessitated by MIT for integration with the MIT fiber network required. TOC and MIT in discussions regarding funding of additional equipment needs & design requirements. Both Departments currently holding weekly meeting to resolve issues. Anticipate going to bid on redesigned Fiber Network with upgrades by November 1, 2011.

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: Fiber Optic Cable being installed now. Fiber splicing to be completed by July 31. Testing of network to follow first of August. Anticipated completion set for August 31, 2011.

M. Bakers Bridge and Carothers Parkway Pedestrian Signal Project

BOMA Priority Ranking: N/A

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



Construction Start – June 21, 2011 for Bakers Bridge & Carothers Pedestrian Traffic Signals (BOMA approval May 24, 2011); Construction Completion – October 18, 2011.

Cost: Design – \$75,000; Project Admin - \$5,300; Construction – \$25,647.50 for Bakers Bridge & Carothers Pedestrian Traffic Signals Contract, additional \$16,314 in Street Department work.

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

Status Update: Pre-construction meeting and Notice to Proceed for S & W Contracting Company, Inc. on COF Project 2011-0006 Bakers Bridge Avenue / Carothers Parkway Pedestrian Traffic Signalization occurred on June 21, 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 – \$2,410,000 (Estimate)

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

Status Update: The BOMA unanimously passed Resolution 2011-31, which increases the City's portion of this project funding by an amount of \$240,000. This additional funding amount will allow the City to construct a "hybrid" version of the intersection improvement options that were presented in March of 2011. This hybrid design should be sufficient for several years to come, while still remaining upgradeable in the long-term. This design also allows the project to remain very close to the original estimate of \$2,000,000. The design consultant for this project, Clinard Engineering Associates, LLC, has been given notice to proceed with design of the "hybrid" intersection improvement.