



MEMORANDUM

January 6, 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 memorandum is to update the Board of Mayor and Aldermen (BOMA) of the status of some of the City's capital investment 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 2010 (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 make progress in the acquisition process by making offers to property owners along Hillsboro Road and other portions of the project for ROW and easement needs. At this time, 21 of the 45 total tracts have been closed on. A field review for the construction plans was held on December 14, 2010. Corrections to the construction plans will be made by the consultant over the next month.

B. Hillsboro Road Improvements

BOMA Priority Ranking: #1

Key Dates: Design Start – March 24, 2008 (BOMA Approval); Design Completion – August 2011 (Estimated); ROW Start – June 2011 (Estimated); 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 (\$1,250,000 in State Approved Funding)

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

Status Update: Hillsboro Road has been split into two separate projects. One is fully city-funded, with project limits from SR96W to Joel Cheek Blvd. The other is an intersection improvements project that has State funding attached to it, with project limits from Joel Cheek Blvd. to Mack Hatcher Pkwy. As of 01/05/11, we have received the Notice To Proceed with the ROW acquisition for the larger city-funded section. Title searches and property appraisals will commence soon. The intersection improvements project is still being processed through TDOT's Local Program's Office (because State funding is attached to it). Updated environmental studies may be required before that section can progress further.

C. McEwen Drive, Phase III Improvements

BOMA Priority Ranking: #3

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

Cost: Design – \$544,000; ROW – \$1,200,000; Construction – \$10,300,000 (Estimated)

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: On the November 23, 2010 the agreement with Gresham Smith and Partners for CEI services for McEwen Drive Phase 3 was approved. Received a Notice to Proceed to Construction from TDOT on December 1, 2010. Bids will be opened on January 13th and brought to BOMA for award on January 25, 2011.

D. 3rd Avenue Extension

BOMA Priority Ranking: #6

Key Dates: Design Start April 11, 2006; Design Completion February 2011 (Estimated); ROW Start October 9, 2007; ROW Completion January 26, 2010; Construction Start May 2011 (Estimated); Construction Completion June 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 a grant funding from TDEC and will require TDOT/TDEC approval prior to starting construction. All permits have been obtained. Staff is working with S8D to submit all information to TDOT and TDEC for approval and NTP for construction.



E. South Carothers Parkway Extension

BOMA Priority Ranking: #5

Key Dates: Design Start – July 10, 2007; Design Completion – March 2011 (Estimated); ROW Start – May 26, 2009; ROW Completion – March 2011 (Estimated); 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: The ROW and Design completion date has been revised. Two out of Eight properties are remaining to complete the ROW Acquisition Phase. Staff has initiated condemnation on one of the two properties.

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

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. Punch list items are still being completed by the contractor.

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 May – 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 (Estimated); ROW Completion - November 2010; Construction Start – February 2011; Construction Completion October 2011;

Cost: Design – \$110,280.00; ROW - \$821,226.00; Construction - \$1,330,392.00 (Estimated);

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

Status Update: Project was bid on Jan 6, 2011. NTP will be issued in early February.



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: Bid Awarded to Stansell Electric at \$257,998.30. Pre-construction meeting being set for week of Jan. 17th. 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 – March 2011;

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 April 1st. 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 – March 1, 2010 Awaiting TDOT NTP for Construction, anticipate by Jan. 2011; Construction Completion – Anticipate October, 2011

Cost: Design – \$238,531.00; ROW – N/A; Construction – \$487,000; CEI; \$200,000

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 upcoming FY 2011-2015 TIP.

Status Update: FHWA has permitted direct purchase of materials required to move forward on this project. TOC staff preparing documents for TDOT review and approval and will request NTP to go to construction upon that approval. Staff will also solicit proposal for CEI for this project at the same time.

L. Franklin ITS (ARRA 2009) Project

BOMA Priority Ranking: N/A

Key Dates: Design Start – January 15, 2010 (TDOT NTP for Design); Design Completion – Anticipate March 2010.; ROW Start – N/A ; ROW Completion – N/A; Construction Start – Anticipate Sept. 2010; Construction Completion – July, 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. Contractor has begun installing conduit along Carothers Parkway. Conduit has been installed on Mallory from Seaboard to Mallory Station. City had Contractor relocate activities to Carothers so as not to impede Cool Springs traffic during the Holiday season.

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%. Staff is reviewing budget and preparing bid documentation.