



November 4, 2010

TO: Board of Mayor and Aldermen

FROM: Eric S. Stuckey, City Administrator  
Eric J. Gardner, P.E., Director of Engineering  
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 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:** Began making offers to property owners June 28, 2010; all eleven of the homes have been closed on in Rebel Meadows. Continue making offers to property owners along Hillsboro Road and other portions of the project for ROW and easement needs. At this time, agreements have been reached with 18 of the 45 total tracts.

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

**BOMA Priority Ranking:** #1

**Key Dates:** Design Start – March 24, 2008 (BOMA Approval); Design Completion – August 2011 (Estimated); ROW Start – February 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:** Agreement with TDOT is finalized. Project can now move forward with the TDOT Environmental and ROW plan approval processes. Once these are received, ROW Acquisition can commence.

### 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 – Late January 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:** According to TDOT personnel, the only remaining hurdle is Permit Certification. As of October 11, 2010, all necessary permits have been submitted to applicable TDOT review staff. City Staff continues to follow-up with TDOT on the status of Permit Certification and overall Construction Authorization. Once Construction Authorization is official, bidding will commence. Also, on the November 11, 2010 Capital Investment Committee Agenda is the proposed agreement with Gresham Smith and Partners for CEI services for McEwen Drive (Phase 3).

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

**BOMA Priority Ranking:** #6

**Key Dates:** Design Start April 11, 2006; Design Completion August 2010 (Estimated); ROW Start October 9, 2007; ROW Completion January 26, 2010; Construction Start January 2011 (Estimated); Construction Completion March 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:** Final plans have been obtained. Staff is working on obtaining all require permits and finalize bid documents.

### E. South Carothers Parkway Extension

**BOMA Priority Ranking:** #5

**Key Dates:** Design Start – July 10, 2007; Design Completion – November 2010 (Estimated); ROW Start – May 26, 2009; ROW Completion – November 2010 (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 17, 2010 (Estimated)

**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 98% complete. Punch list items are being completed by the contractor. Ribbon Cutting Ceremony to be held November 10<sup>th</sup>.

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

**BOMA Priority Ranking:** #4

**Key Dates:** Design Start – October 9, 2007; Design Completion – January 2011 (Estimated); ROW Start – June 23, 2009; ROW Completion October – 2010 (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:** 80% plans complete. City of Staff working to obtain ROW and Permits

**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:** Design completed Aug. 2009. CSX Transportation Contract executed July 2010. Notice to Proceed issued to CSX for Aug. 30, 2010. Bid manual approval pending. Construction advertised on November 7, 2010 and anticipate award January 2011. 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 Jan. 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 MIT on 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:** Project on hold. TOC submitting for TDOT for approval on Aug 20, 2010 for direct purchase video and switch equipment. Permission has been granted, awaiting written confirmation. TOC now submitting for NTP to proceed with Construction Phase.

**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 Mallory Lane.



**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 50%. Expect 90% plan review by Dec. 1, 2010.