



MEMORANDUM

October 1, 2013

TO: Board of Mayor and Aldermen

FROM: Paul Holzen, 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 – June 2012; Construction Start – Currently Not Funded; Construction Completion – Currently Not Funded;
Cost: Design – \$3,502,501; ROW – \$13,397,520 (Provided by TDOT); Construction – \$58,700,000 (Provided by TDOT)

Status Update: Staff is working with CDMSmith to finalize the construction drawings to ensure the project is ready for construction when TDOT funds the project. PSA was approved in March 2013.

B. Mack Hatcher Parkway NE Widening

Key Dates: Construction Start – November 3, 2011-; Construction Completion – May 15, 2014;
Cost: Construction – \$22,500,000 (Provided by TDOT)

Status Update: Construction continues on the two bridges (one for CSX and the other over Spencer Creek) and numerous retaining walls. Rogers Group (Prime) and Civil have modified the 4 signalized intersections and lanes for the Phase 1 traffic control plan. This will be in effect to mid-summer. Utility relocations are continuing with a Mallory Valley Utility District water line at Franklin Rd. Work is progressing on schedule. Most of the new multi-use trail has been installed from near Spencer Creek Rd to State Route 96 E (Murfreesboro Rd).

C. Hillsboro Road Improvements (SR96W to Independence Square)

BOMA Priority Ranking: #1

Key Dates: Design Start – March 24, 2008 (BOMA Approval); Design Completion – July 2012 (Estimated); ROW Start – January 2011; ROW Completion – December 2012; Bid Date – December 3, 2012; Construction Start – February 11, 2013; Construction Completion – May 12, 2014

Cost: Design – \$1,324,221; ROW – \$3,000,000; Construction – \$12,124,758.73

Status Update: Construction underway. Weekly Progress Meetings are taking place.



D. Hillsboro Road Improvements (Independence Square to Mack Hatcher Pkwy)

BOMA Priority Ranking: #1

Key Dates: Design Start – March 24, 2008 (BOMA Approval); Design Completion – October 2012 (Estimated); ROW Start – March 2013; ROW Completion – December 2013 (Estimated); Bid Date – April 2014 (Estimated); Construction Start – June 2014 (Estimated); Construction Completion – November 2015 (Estimated)

Cost: Design – \$1,324,221 (Design fees include the SR96-IndSq Project as well); ROW – \$3,000,000; Construction – \$11,000,000.00 (\$1,750,000 Reimbursable through State and Federal Approved Funding)

Status Update: TDOT authorized the City to move into the ROW Acquisition Phase. Appraisals and property negotiations are taking place now. Construction Plans are being developed by our consultants.

E. McEwen Drive Temporary Connector

BOMA Priority Ranking: N/A

Key Dates: Design Start – May 8, 2012; Design Completion – October 2012; ROW Start – August 2012; ROW Completion – August 2013*; Bid Date – October 15, 2012; Construction Start – January 2, 2013; Construction Completion – November 2013*

*Denotes Estimated Date

Cost: Design - \$185,830; ROW - \$456,646; CEI Services - \$95,000; Construction Bid Award - \$1,982,491.61

Status Update: The initial base layer of stone has been laid, along with the installation of the underdrain system. The contractor has begun final grading of slopes and installation of curb & gutter.

F. 3rd Avenue North 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; Bid Date – July 1, 2012; Construction Start – September 2012; Construction Completion – Originally September 2013, now January 10, 2014

Cost: Design \$65,725.00 (This number does not include design cost from the Bicentennial Park Project); ROW \$226,500.00; Construction Bid Award \$4,795,129.72

Status Update: Construction is continuing. The trail system will follow the construction of the roadway project. Construction started in September. Construction is about 44% complete. A 4-month time extension was approved by BOMA.

G. Carothers Parkway South Extension

BOMA Priority Ranking: #5

Key Dates: Design Start – July 10, 2007; Design Completion – March 2013*; ROW Start – May 26, 2009; ROW Completion – March 2011; Bid Date – April 2013*; Construction Start – September 1, 2013; Construction Completion – November 2015*

*Denotes Estimated Date

Cost: Design – \$2,116,560; ROW – \$500,000.00 (Estimated); CEI Services - \$1,000,000 (Estimated); Construction – \$10,262,066.99 (Contract Amount)

Status Update: A full Notice to Proceed, with an effective date of September 1, 2013, was issued to the contractor. Heavy grading operations are well underway. Construction of box bridge to the north of the river crossing has begun. Also, the contractor has begun construction of the foundations for the bridge over the Harpeth River.



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

BOMA Priority Ranking: #4

Key Dates: Design Start – October 9, 2007; Design Completion – August, 2012 ROW Start – June 23, 2009; ROW Completion April 2012; Bid Date – October 18, 2012; Construction Start – March 4, 2013 Construction Completion – Late November 2013*

*Denotes Estimated Date

Cost: Design – \$172,255.00; ROW – \$28,725.00 (Estimated); CEI Services - \$166,050; Construction Bid Amount – \$2,166,454.75

Status Update: As of August 23RD, Carlisle Lane is re-open to traffic. Except for final paving, all operations on the north side of S.R. 96W are complete, including Carlisle Lane. The contractor has shift focus to grading operations on the south side of S.R. 96W, including Boyd Mill Avenue, which is now closed to traffic.

I. TOC Phase 3 Infrastructure and Upgrades Project

BOMA Priority Ranking: N/A

Key Dates: Design Start – October 14, 2008 (BOMA Approval); Design Completion – December 2009 ; ROW Start – N/A; ROW Completion – N/A; Bid Date – Nov. 21, 2011; Construction Start – May 1, 2012; Functional Completion – February 10, 2013

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

Status Update: Project Bid November 2011, Awarded with TDOT Concurrence January, 2012. Final inspections performed and accepted. Change Order # 2 issued for \$24,259 to adjust for additional work required for IT Department and in conjunction with TDOT on Mack Hatcher widening project. Final Close out Change order will be presented at Aug CIC meeting. Final CO # 3 for a reduction of \$12,146.60.

J. McEwen Drive at Wilson Pike Intersection Improvements Project

Key Dates: Design Start – October 2010; Design Completion – September 2012; ROW Start – October 2011; ROW Completion – September 2013; Bid Date – October 2012; Construction Start – July 8, 2013; Construction Completion – July 2014*

*Denotes Estimated Date

BOMA Priority Ranking: N/A

Cost: Design – \$206,363; ROW – \$395,500 (Estimate); CEI Services - \$207,000 Construction Bid Award – \$1,991,572.82

Status Update: The contractor has completed the relocation of the Milcrofton water main and services, which was a part of this contract. As soon as all 3RD party utilities have been relocated, the contractor will begin work on S.R. 252 (Wilson Pike).

K. Access Road to the Public Works Facility (across Lasko):

Key Dates: Design Start – October 11, 2011 (BOMA Approval); Design Completion – June 2012; ROW Start – April 2012; ROW Completion – June 2012; Bid Date – October 2012; Construction Start – April 15, 2013; Construction Completion – August 13, 2013

Cost: Design – \$73,000; ROW – None (See Agreement with Lasko); Construction – \$785,276.42

Status Update: Construction is complete. Project closeout will be pushed off until the fall so the plantings can be installed in optimal weather.

L. Century Court / Beasley Drive Connector

Key Dates: Design Start – May 8, 2007; Design Complete – January 2014*; ROW Start – March 2008; ROW Complete – December 2013*; Bid Date – February 2014*; Construction Start – March 2014*; Construction Complete – August 2014*

*Denotes Estimated Date

Cost: Design - \$27,526; ROW - \$153,450; Construction - TBD

Status Update: Staff has contacted and met with the remaining property owner. Construction plans are 75% complete. Utility coordination meeting was held in July 2012 to notify Middle Tennessee Electric, Atmos Energy and AT&T to relocate utilities. Utility companies are in the process of estimating cost of relocation. Utilities to be completely moved by March 2014.

M. Eastern Flank Battlefield Park Access Roadway

Key Dates: Design Start- December 13, 2011; Design Complete – September 2012; ROW Start – June 2012; ROW Complete - September 2012; Bid Date– November 28, 2012 Construction Start – March 2013; Construction Complete– September 2013

Cost: Design - \$41,100; ROW - \$0; Construction – \$1,270,089.01

Status Update: Construction is approximately two weeks ahead of schedule. Contractor is going to ask for a 60 day time extension for planting landscaping, staff feels it will be in the best interest of the city to wait until October to plant the landscaping. Overall project is 90% complete.

N. Hunter's Bend Safe Routes to School

Key Dates: Design Start- October 2013*; Design Complete – December 2013*; ROW Start – N/A; ROW Complete - N/A ; Bid Date – January 2014* Construction Start – February 2014*; Construction Complete – June 2014*

*Denotes Estimated Date

Cost: Total - \$289,565 (Estimated)

Status Update: TDOT has hired consultant to begin the environmental assessment of site. Until this environment assessment is complete, the City and its design consultant, Smith Seckman Reid, Inc., cannot begin the design process. A contract (COF Contract No. 2013-0128) for preliminary engineering and CEI services received BOMA approval at its September 24, 2013 meeting.

O. Columbia Avenue and Southeast Parkway Signalization

Key Dates: Design Start- April 2013; Design Complete – July 2013; ROW Start – August 2013; ROW Complete - September 2013; Bid Date – August 27, 2013; Construction Start – January 2014*; Construction Complete – March 2014*

*Denotes Estimated Date

Cost: Total - \$285,000 (Estimated)

Status Update: All necessary right-of-way and easements for this project have been obtained. The construction contract (COF Contract No. 2013-0119, Resolution 2013-62) was awarded to S&W Contracting Company, Inc. by the BOMA at its September 24, 2013 meeting. A pre-construction meeting will be scheduled as soon as all contract documentation has been finalized. Due to wait times for manufacturing of signal poles, construction on this project will not likely begin in earnest until January 2014.



P. Cool Springs Intersection Improvements (Mallory Ln & South Springs Dr)

Key Dates: Design Start- 2010; Design Complete – 2010; ROW Start – NA; ROW Complete – NA; Revision and Update of Design Start - July 2013; Design Revisions Complete - October 2013; Bid Date – May 2013*; Construction Start – July 2014*; Construction Complete – September 2014*

*Denotes Estimated Date

Cost: Total - \$210,000 (Estimated)

Status Update: Design of three Cool Springs Intersection Improvements was completed in 2010 by Kimley-Horn. One of these intersections have been completed, this is the second. Project is being updated by consultant. Because this project would not be complete prior to the 2013 Holiday Season, funding for this project is being used to construct an additional left-turn lane on Carothers Parkway at the intersection S.R. 96 (Murfreesboro Road.)