

## MEMORANDUM

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April 2, 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:** Due to concerns about the performance, capacity and service life of the proposed roundabouts located at SR96 and Del Rio Pike the Department of Transportation initiated an independent peer review/analysis of the intersections. Based on this analysis of the intersection TDOT has determined that the roundabouts will need additional capacity within approximately 5-10 years while a signalized intersection would operate at an acceptable level for the next 20 years with reserve capacity remaining in 2033. Based on this information TDOT recommends the final construction plans for the SR 397 (Mack Hatcher Bypass) to include signalized intersections at SR96 and Del Rio Pike. Final construction plans were completed by CDM Smith and submitted to the City of Franklin and TDOT on May 6, 2011. For this reason we will need to obtain a new PSA with CDMSmith to update the plans. Prior to proceeding with the final design City staff will need to work with TDOT to modify our agreement so that TDOT can pay for the plan revisions.

#### 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 started. 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 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 – April 2012\*; Bid Date – October 15, 2012; Construction Start – January 2, 2013;

Construction Completion – October 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 Notice to Proceed was issued 01/02/2013. The site has been cleared and grading operations have begun.

**F. 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; Bid Date – July 1, 2012; Construction Start – September

2012; Construction Completion – September 2013

**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 30% complete.

**G. South Carothers Parkway 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 – May 2013\*; Construction Completion – May 2015\*

\*Denotes Estimated Date

**Cost:** Design – \$2,116,560; ROW – \$500,000.00 (Estimated); CEI Services - \$1,000,000 (Estimated); Construction – \$13,237,000 (Estimated)

**Status Update:** Sullivan Engineering, Inc. (SEI) continues to finalize construction drawings. Current estimates are to release this project to bid in April/May 2013, with construction to begin Summer 2013. Construction is expected to take approximately two (2) years.

**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 2013 Construction Completion – 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:** The Notice to Proceed was issued on 03/04/2013. Construction signage is in place. The contract is beginning to locate the existing waterline to determine the need to relocate said line.

**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 were performed Feb, 14 on a fully functional ITS System. Punch list inspection on March 28, with continued clean-up failures by a sub-contractor. Staff and CEI working with Prime (Stansell) to resolve those issues. Punch list completed on April 2, 2013.

**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 – December 2012\*; Bid Date – October 2012; Construction Start – April 2013\*; Construction Completion – April 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:** MTEMC received approval and has started relocating utilities over CSX ROW. Comcast and AT&T are still working with CSX to relocate and they hope to be completed in the next few weeks. Once utilities are relocated City staff will issue a NTP to start construction.

**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 – March 2013 (Estimated); Construction Completion – July 2013 (Estimated)

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

**Status Update:** Bids were opened on October 30<sup>th</sup>. McMillan Construction Co., LLC. was awarded the construction contract. Preconstruction Meeting was held on December 20<sup>th</sup>. Coordination Meeting was held with Lasko and the YMCA, to discuss impacts to the soccer fields. Contractor may begin construction in April.

**L. Century Court / Beasley Drive Connector**

**Key Dates:** Design Start- May 8<sup>th</sup> 2007; Design Complete (estimated) – December 2012; ROW Start – March 2008; ROW Complete November 2012 (estimated); Bid Date – December 2012 (estimated); Construction Start – January 2013(estimated); Construction Complete – July 2013 (estimated)

**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 to notify Middle Tennessee Electric, Atmos Energy and AT&T to relocate utilities. Utility companies are in the process of estimating cost of relocation.

**M. East Flank Battlefield Park Access Roadway**

**Key Dates:** Design Start- December 13, 2011; Design Complete (estimated) – September 2012; ROW Start – June 2012; ROW Complete (estimated) - September 2012; Bid Date (estimated) – November 2012 Construction Start (estimated) – January 2013; Construction Complete (estimated) – July 2013

**Cost:** Design - \$41,100; ROW - \$0; Construction – \$1,300,000

**Status Update:** Received TDOT concurrence for awarding to Civil Constructors, BOMA awarded contract on January 22, 2013. Currently signing contracts and preparing to have preconstruction meeting. Construction is to begin in March.