

April 18, 2018

TO: Board of Mayor and Aldermen

FROM: Eric Stuckey, City Administrator
Paul Holzen, City Engineer/Director of Engineering
Jonathan Marston, Assistant Director of Engineering

SUBJECT: Status Report for Transportation, Stormwater, and Parks Capital Projects

Purpose

The purpose of this memo is to provide information to the Franklin Board of Mayor and Aldermen (BOMA) concerning the status of some of the City's transportation, stormwater, and parks capital projects.

Transportation

Mack Hatcher Parkway Northwest Extension (SR-96 West to Hillsboro Road)	
Key Dates:	Design Start – August 14, 2007 (BOMA Approval); Re-Design Completion – October 2017; ROW Start – December 2009; ROW Completion – December 2017; Construction Bid Date – TBD
Cost:	Design – \$3,502,501; ROW – \$13,397,520 (Provided by TDOT); Construction – \$48,200,000 (Provided by TDOT)
Status Update:	On May 9, 2017, TDOT released its annual 3-year (FY 2018-2020) transportation program. The construction of Mack Hatcher Parkway, from Highway 96 West (SR-96) to Hillsboro Road (SR-106) is included in the list of projects. It is programmed to receive funding in FY 2018. TDOT has requested changes to the proposed property acquisition of 1 property. These changes will delay the construction letting. Staff continues to work with TDOT to minimize that delay.

Hillsboro Road Improvements Phase 2 (Independence Square to Mack Hatcher Parkway)	
Key Dates:	Design Start – March 24, 2008 (BOMA Approval); Design Completion – March 2015; ROW Start – March 2013; ROW Completion – May 2015; Bid Date – January 2016; Construction Start – April 18, 2016; Original Construction Completion – June 21, 2017 (430 calendar days); Current Construction Completion – November 22, 2017 (CO#1 Additional 154 Calendar Days; 584 Calendar Days based upon delays and utility conflicts) *Denotes Estimated Date
Cost:	Design – \$1,324,221 (Design fees include the SR96-IndSq Project as well); ROW –

	\$3,000,000; Construction Bid – \$11,995,005.13 (\$1,750,000 Reimbursable through State and Federally Approved Funding; Includes AT&T and ATMOS Reimbursable items totaling \$441,677.00); Current Construction – \$12,049,584.48 (CO#1)
Status Update:	Because of contractor and utility delays, work is still ongoing. Final project completion (asphalt topping and punch list items) should be completed in Spring 2018. Liquidated Damages are currently being assessed at \$1,600 a day until substantial completion is reached. Final asphalt topping is scheduled for the last week of March, during Franklin High spring break.

Hunters Bend Elementary Safe Routes to School	
Key Dates:	Design Start- January 2014; Design Complete – December 2015; ROW Acquisition - N/A; Construction Start – April 24, 2017; Construction Complete – January 31, 2018 <i>*Denotes Estimated Date</i>
Cost:	Design/Inspection - \$157,955; Construction - \$673,076
Status Update:	Concrete and retaining wall work is complete. However, the contractor continues to work on final grading and site clean-up. Latest schedule shows completion in March. Work is past contract completion date of January 31 st .

Murfreesboro Road (SR-96) Sidewalk (Pinkerton Park to Mack Hatcher Parkway)	
Key Dates:	Design Start- June 2014; Design Complete – June 2017; ROW Acquisition Complete – August 2017; Construction Start – August 14, 2017; Construction – May 2018* <i>*Denotes Estimated Date</i>
Cost:	Total – \$1,511,299.81
Status Update:	Concrete crews are placing sidewalk. Contractor is hauling topsoil and dressing slopes. Traffic signal pole foundations are in place. Driveways will begin to be poured next week. Sewer work requested by COF (402' of old line removed and replaced) near Pinkerton Park is complete.

Franklin Road Corridor Improvements (Harpeth River Bridge to Harpeth Industrial Court)	
Key Dates:	Design Start- January 2015; Design Complete – December 2017*; ROW Acquisition Start - March 2018*; Construction Start – March 2019* <i>*Denotes Estimated Date</i>
Cost:	Total - \$10,344,250.00 (Estimated)
Status Update:	Final design updates are still ongoing. Final water and sanitary sewer plans are complete. The right-of-way acquisition process will begin this Spring. A public meeting was held on March 20 th .

East McEwen Drive Phase 4 Improvements (Cool Springs Boulevard to Wilson Pike)	
Key Dates:	Design Start – April 2015; NEPA Completion – May 2018*; Design Completion – October 2018*; ROW Acquisition Start – October 2018*; ROW Acquisition End –

	December 2019*; Construction Start – January 2020*; Construction End – May 2022 <i>*Denotes Estimated Date</i>
Cost:	Design - \$1,210,000 (Preliminary - \$497,000; Final - \$713,000); NEPA - \$125,018 ROW Acquisition – TBD; Construction – TBD
Status Update:	All individual technical studies are complete. The consultant is preparing to submit the final environmental document for final review and approval by TDOT and FHWA. RFQ's for right of way appraisal were received on March 13, 2018, and will be awarded after review by staff.

Columbia Avenue Widening & Improvements (Mack Hatcher Parkway to Downs Boulevard)	
Key Dates:	Design Start - February 14, 2017 (BOMA Approved); Design Completion – February 2018*; ROW Start– March 2018*; ROW End – July 2018*; Construction Start – July 2018*; Construction End – December 2018* <i>*Denotes Estimated Date</i>
Cost:	Design - \$74,995.00; ROW – TBD; Construction – TBD;
Status Update:	The Board has selected the five-lane access management option. Staff is working to prepare exhibits to facilitate discussions with the BOMA about utilities and bicycle/pedestrian facilities for this project.

East McEwen Drive Roundabout Modifications	
Key Dates:	Design Start – March 2017; Design Complete– May 2018*; ROW Start – May 2018*; ROW Complete – September 2018*; Construction – TBD <i>*Denotes Estimated Date</i>
Cost:	Preliminary Design/Environmental – \$1,070,450.00; Final Design - \$1,000,000.00*; ROW - \$4,000,000.00*; Construction - \$15,000,000.00*. Currently funded by 80% Federal/20% State/0% Local. Total project estimate is \$21MM. <i>*Denotes Estimated Cost per MPO TIP, FY2014-2017</i>
Status Update:	Designer is working to finalize plans. ROW anticipated to start in May 2018. Depending upon the completion of the ROW process, construction could begin later this year.

Intersection Improvements at Mallory Lane and Liberty Pike	
Key Dates:	Design Start – February 14, 2017 (BOMA Approved); Design Completion – TBD; ROW – TBD; Construction – TBD
Cost:	Design - \$229,965.00; ROW – TBD; Construction – TBD;
Status Update:	Designer is working on the completion of plans. Draft right-of-way plans were submitted on 1-10-18 and are currently being reviewed by City staff.

Stormwater

100-Block Battle Avenue Drainage Improvements	
Key Dates:	Design Start – July 24, 2012 (BOMA Approved); Design Completion – April 2018*; Easement Acquisition Start – December 2017; Easement Acquisition Completion – June 2018*; Bid Date – July 2018*; Construction Start – September 2018*; Construction Completion – March 2019* <i>*Denotes Estimated Dates</i>
Cost:	Initial Study – \$46,500.00; Final Design – \$131,700.00 (Including Amendment 1 of \$68,200.00); Construction Estimate- \$1,270,000.00
Status Update:	At the April CIC meeting, staff will provide an in-depth update on this project for further discussion.

Jordan Branch of Spencer Creek (Cool Springs East) Stream Restoration	
Key Dates:	Design Start – May 26, 2015 (BOMA Approved); Design Completion – June/July 2018*; ROW/Easement Acquisition – May 2018*; Construction - TBD <i>*Denotes Estimated Dates</i>
Cost:	Design - \$113,445.00; Construction Estimate - \$750,000
Status Update:	The additional archaeological investigations began on April 18 th and will continue for approximately 2 weeks.

Ralston Creek (Liberty Hills) Stream Restoration	
Key Dates:	Feasibility Study Start – November 19, 2015 (BOMA Approved); Feasibility Study Completion – April 2017; Design Start – September 2017; Design End – TBD; ROW/Easement Acquisition – TBD; Construction - TBD
Cost:	Design - \$68,700.00
Status Update:	Feasibility Study Complete. Consultant working on a stream bank stabilization project and updating the model to determine exact floodplain to present at a public meeting. A public meeting will be scheduled for May/June 2018 to determine how to proceed with the project and to provide an overview of the feasibility study.

Harpeth River Bank Stabilization at the Water Reclamation Facility	
Key Dates:	Design Start – August 11, 2015 (BOMA Approved); Design Completion – Fall 2017; ROW/Easement – N/A; Construction Start – September 2018; Construction End – December 2017
Cost:	Design - \$74,000.00; ROW/Easement – N/A; Construction – 311,782.21
Status Update:	Work is complete. Staff and the designer continue to monitor the site. A final change order will be presented to the BOMA for consideration.

Carnton Lane Culvert Replacement	
Key Dates:	Design Start- September 9, 2016 (BOMA Approved); Design Completion- July 2017; ROW/Easement(s) – November 2017; Construction Start– June 2018*; Construction End – September 2018* <i>*Denotes Estimated Dates</i>
Cost:	Design - \$18,580.00; ROW/Easement – N/A; Construction – TBD
Status Update:	Project was advertised for bids, and bids will be opened April 27, 2018.

Watson Branch Culvert Rehabilitation	
Key Dates:	Design Start – November 22, 2016 (BOMA Approval); Design Completion – October 2017; ROW/Easement Start – November 2017; ROW/Easement End – March 2018; Construction Start – April 2018; Construction End – July 2018;
Cost:	Design - \$30,640.00; ROW/Easement – TBD; Construction – TBD
Status Update:	Preliminary plans are complete. ARAP and CGP permits were approved by TDEC and received June 5, 2017. A permit to access TDOT right of way on Mack Hatcher was received June 13, 2017. Temporary construction easements and PU&DE easement documents are being reviewed by Legal section.

Parks

Southeast Municipal Complex Master Planning	
Key Dates:	Planning Start – June 2017; Planning Completion – August 2018
Cost:	Planning - \$396,046.00; Design – TBD; Construction - TBD
Status Update:	Geotechnical investigation, traffic analysis, and ESA Permit are complete. Placement and footprint of new wastewater plant has been finalized. A core group meeting was conducted on 8-31-17 to get input from stakeholders. A public input meeting was conducted on February 5, 2018 at City Hall and was well attended. Consultant completed the draft concept plan February 13, 2018, and presented it to the BOMA meeting on March 13, 2018. Two meetings have been held with staff and input received on the naming and branding of park.

Southeast Municipal Complex (Lockwood Parcel) Construction Documents	
Key Dates:	Design Start – July 2017; Design Completion – TBD;
Cost:	Design - \$310,158.00; Purchase of property – TBD; Construction – TBD;
Status Update:	The boundary survey, Robinson Lake hydrographic survey, and the preliminary dam analysis are complete. The Topographic survey is almost finished. A more in-depth conceptual plan for the dam is underway. The purchase of the property was recently completed by the City.