

July 20, 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 – December 2018 / January 2019* <i>*Denotes Estimated Date</i>
Cost:	Design – \$3,502,501; ROW – \$13,397,520 (Provided by TDOT); Construction – \$48,200,000 (Provided by TDOT) <i>Note: City of Franklin Funding Commitment of \$5,000,000</i>
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 acquisition of 1 property. These changes will delay the construction letting. Staff continues to work with TDOT to minimize that delay.

Transportation (continued)

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); Missed Construction Completion – November 22, 2017 (CO#1 Additional 154 Calendar Days; 584 Calendar Days based upon delays and utility conflicts); Construction Completion – June 2018 (Contractor Delays) <i>*Denotes Estimated Date</i>
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:	The project is substantially complete. A final walk-thru was held on Monday, June 25 th . Liquidated Damages were assessed at \$1,600 a day until substantial completion was reached on May 23 rd . Change Order #2 was approved on the June 26 th BOMA agenda for a contract increase of \$661,244.97.

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 – Substantial Completion on May 9, 2018 (Contract Deadline January 31, 2018) <i>*Denotes Estimated Date</i>
Cost:	Design/Inspection - \$157,955; Construction - \$673,076
Status Update:	Project is substantially complete and fully open to pedestrian traffic.

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 complete – July 2018* <i>*Denotes Estimated Date</i>
Cost:	Total – \$1,511,299.81
Status Update:	All sidewalk and drives are poured. Asphalt drives are completed. Pedestrian buttons are installed. Final dressing of slopes and seeding is completed. General project cleanup is ongoing. The substantial completion July 17, 2018.

Transportation (continued)

Franklin Road Corridor Improvements (Harpeth River Bridge to Harpeth Industrial Court)	
Key Dates:	Design Start- January 2015; ROW Design Complete – December 2017; ROW Acquisition Start - April 2018; Construction Start – May 2019* <i>*Denotes Estimated Date</i>
Cost:	Total - \$14,300,000.00 (Estimated)
Status Update:	Final design updates are still ongoing. Right-of-way acquisition process began this Spring. A public meeting was held on March 20 th . Staff is preparing to send the initial batch of property acquisition (e.g. right-of-way and easements) offers in late July. Survey crews will be staking easements and ROW in the upcoming month.

East McEwen Drive Phase 4 Improvements (Cool Springs Boulevard to Wilson Pike)	
Key Dates:	Design Start – April 2015; NEPA Completion – July 2018*; Design Completion – December 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:	Final NEPA document has been submitted to TDOT for review and approval. Designer is working on finals plans, which include proposed utility relocations. Right-of-way process will begin later in 2018 (e.g. late Summer/early Fall)

Columbia Avenue Widening & Improvements (Mack Hatcher Parkway to Downs Boulevard)	
Key Dates:	Preliminary Design/Environmental Start - February 9, 2016 (BOMA Approved); Preliminary Design/Env. Completion – February 2018; Design Start – August 2018*; Design Completion – December 2019*; ROW Start– March 2020*; ROW End – October 2021*; Construction Start – March 2022*; Construction End – October 2024* <i>*Denotes Estimated Date</i>
Cost:	Prelim. Design – \$1,070,450.00; Design TBD; ROW – TBD; Construction – TBD;
Status Update:	The Board has selected the 5-lane access management option. Staff is currently seeking Board input on various design elements, e.g. underground utilities, bicycle/pedestrian facilities, and access control.

Transportation (continued)

East McEwen Drive Roundabout Modifications	
Key Dates:	Design Start – March 2017; Design Complete– July 2018*; ROW Start – July 2018*; ROW Complete – September 2018*; Construction – TBD <i>*Denotes Estimated Date</i>
Cost:	Preliminary Design/Environmental – \$86,155; ROW - \$350,000 Construction - \$1,250,000
Status Update:	Consultant is working to finalize plans and determine any necessary utility relocations. ROW anticipated to start in Aug 2018. Depending upon the completion of the ROW process, construction could begin in October/November timeframe.

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:	Consultant is working on the completion of plans. Draft right-of-way plans were submitted on 1-10-18 and have been reviewed by staff. Traffic geometrics are being investigated for final lane number and capacity. Geotechnical firm is preparing to investigate subsurface conditions in preparation for retaining wall design. Exhibit of preliminary design will be presented at future CIC and/or BOMA work session.

Stormwater

100-Block Battle Avenue Drainage Improvements	
Key Dates:	Design Start – July 24, 2012 (BOMA Approved); Design Completion – April 2018*; Easement Acquisition Completion – TBD Construction Start – TBD <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- \$2,400,000.00* (Includes \$1MM for Easements)
Status Update:	Staff seeks direction from the Board on whether to proceed with the project.

Stormwater (continued)

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:	Construction contract was advertised for bids on June 7 TH . The bid opening was held on July 17 TH . No bids were received. Staff is working with the designer to address contractor concerns. The project will be re-advertised for bids in late July or early August.

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 late August 2018 to provide an overview of the feasibility study and to allow for public comments on the proposed improvements.

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. Following the 1-year warranty period, a final change order will be presented to the BOMA in late 2018 for consideration.

Stormwater (continued)

Carnton Lane Culvert Replacement	
Key Dates:	Design Start- September 9, 2016 (BOMA Approved); Design Completion- July 2017; ROW/Easement(s) – November 2017; Construction Start– July 2018*; Construction End – October 2018* <i>*Denotes Estimated Dates</i>
Cost:	Design - \$18,580.00; ROW/Easement – N/A; Construction – TBD
Status Update:	Bids were opened April 27, 2018. BOMA approved contract award to Adams Contracting, LLC in June. A pre-construction meeting will be scheduled and the Notice to Proceed will be issued upon completion of signed contracts.

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 – August 2018*; Construction End – November 2018*; <i>*Denotes Estimated Dates</i>
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 have been filed with court.

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. Four meetings have been held with staff and input received on the naming and branding of park.

Parks (continued)

Southeast Municipal Complex (Lockwood Parcel) Construction Documents	
Key Dates:	Design Start – July 2017; Design Completion – TBD;
Cost:	Design - \$310,158.00; Purchase of property – \$500,000; Construction – TBD;
Status Update:	The boundary survey, Robinson Lake hydrographic survey, and the preliminary dam analysis are complete. The Topographic survey is finished. A more in-depth conceptual plan for the dam is underway. The purchase of the property was completed by the City.

Engineering Services for Reconstruction of Tennis Courts at Jim Warren Park	
Key Dates:	Design Start – June 2018; Design Completion – TBD;
Cost:	Design - \$; 74,575.00; Construction – TBD;
Status Update:	Contract for design was awarded to Collier Engineering. Design work began in June 2018 and topo survey has been completed.