



Legislation Details (With Text)

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2/22/2018	1	Capital Investment Committee	acknowledged	

DATE: February 22, 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:
Transportation, Stormwater, and Parks Capital Projects Status Report

Purpose

The purpose of this memo is to provide information to the Franklin Board of Mayor and Aldermen (BOMA) concerning ENTER PURPOSE HERE

Transportation

A. Mack Hatcher Parkway NW Extension

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.

B. Hillsboro Road Improvements Phase 2 (Independence Square to Mack Hatcher Pkwy)

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, substantial completion 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.

C. Hunter's Bend 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

*Denotes Estimated Date

Cost: Design/Inspection - \$157,955; Construction - \$673,076

Status Update: Contactor continues work. Latest schedule shows completion in March. Work is past contract completion date of January 31st.

D. Sidewalk/Multi-use Trail along Murfreesboro Road (SR 96 East), 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*

*Denotes Estimated Date

Cost: Total - \$1,511,299.81

Status Update: Utility relocations are almost completed. Storm drain installation and safety ends at driveways are mostly in place. Grading crew is on site and preparing embankment for layout of sidewalk grades, cutting ditches and shaping slopes when weather permits. The contractor currently estimates project completion in late Spring 2018. Change Order No. 1 was approved by the Board.

E. 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*

*Denotes Estimated Date

Cost: Total - \$10,344,250.00 (Estimated)

Status Update: Design updates are still ongoing. Final water and sanitary sewer plans are complete. Final Right-of-Way and easement documents will be finalized in February of 2018. Right-of-Way Acquisition will begin in early 2018. Staff is working on a PSA for acquisition services.

F. East McEwen Drive Phase 4 Improvements

Key Dates: Design Start - April 2015; NEPA Completion - March 2018; Design Completion - September 2018*; ROW Acquisition Start - October 2018*; ROW Acquisition End - December 2019*; Construction Start - January 2020*; Construction End - May of 2022*;

*Denotes Estimated Date

Cost: Design - \$1,210,000 (Preliminary - \$497,000; Final - \$713,000); NEPA - \$125,018

ROW Acquisition - TBD; Construction - TBD

Status Update: The consultant has completed all necessary technical studies. They are waiting on comments from the Cultural Resources Report. After comments are returned, the project team will address these comments and submit the final environmental document for final review and approval by TDOT and FHWA. Preliminary Right of Way plans have been submitted and being reviewed by staff.

G. Columbia Avenue (Mack Hatcher Parkway to Downs Boulevard)

Key Dates: Preliminary Design/Environmental Start - March 2016; Preliminary Design/Environmental Completion - November 2017;

Final Design Start - 2018*; ROW Acquisition Start - 2019*; Construction Start - 2021*

*Denotes Estimated Date

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.

*Denotes Estimated Cost per MPO TIP, FY2014-2017

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.

H. Design of E. McEwen/Cool Springs Blvd. Intersection Improvements (Roundabout)

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*

*Denotes Estimated Date

Cost: Design - \$74,995.00; ROW - TBD; Construction - TBD;

Status Update: Designer is working to finalize plans. ROW anticipated to start in March/April 2018.

I. Design of 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

A. 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*

*Denotes Estimated Dates

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: The BOMA approved Resolution 2016-94 on January 10, 2017, authorizing the project to move forward into the ROW Acquisition and Construction Phases. Construction plans are nearing completion. Title searches and appraisals for easement acquisition have begun.

B. Jordan Branch of Spencer Creek (Cool Springs East) Stream Restoration

Key Dates: Design Start - May 26, 2015 (BOMA Approved); Design Completion -November 2017*; ROW/Easement Acquisition - December 2017*; Construction Start - February 2017* Construction End - August 2018*

*Denotes Estimated Dates

Cost: Design - \$113,445.00; Construction Estimate - \$750,000

Status Update: Amendment to PSA on February CIC for archaeological services as required by USACE to obtain permit.

C. 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 March 2018 to determine how to proceed with the project and to provide an overview of the feasibility study.

D. Harpeth River Bank Stabilization at the Water Reclamation Facility

Key Dates: Design Start - August 11, 2015 (BOMA Approved); Design Completion - April 2017*; ROW/Easement - N/A; Construction - TBD

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.

E. Carnton Lane Culvert Replacement

Key Dates: Design Start- September 9, 2016 (BOMA Approved); Design Completion- July 2017; ROW/Easement(s) - November 2017; Construction Start- March 2018*; Construction End - August 2018*

*Denotes Estimated Dates

Cost: Design - \$18,580.00; ROW/Easement - N/A; Construction - TBD

Status Update: Final construction plans are complete. Project will be advertised for construction in March, with construction to begin in Spring 2018.

F. 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 prepared and approved. Staff is working on ROW Acquisition.

Parks

A. Southeast Municipal Complex Master Planning

Key Dates: Planning Start - June 2017; Planning Completion - August 2018

Cost: Design - \$396,046.00

Status Update: PSA was executed on June 13, 2017, to BWSC for \$396,046.00. 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. Two concept plans were developed and submitted for review. A second core group meeting was conducted on January 24, 2018. A public input meeting was conducted on February 5, 2018 at City Hall and was well attended. Barge completed the draft concept plan February 13, 2018, for the upcoming BOMA meeting and submitted it to staff for comments.

B. 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: A PSA was executed on June 13, 2017 with BWSC for \$310,158.00. 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 complete by the City.