



TO: City of Spring Hill Board of Mayor and Aldermen

FROM: Transportation Advisory Committee (TAC)

SUBJECT: Annual Report and Recommendations for FY2014/2015 Operating Budget and 2014/2018 CIP Funding for Transportation Projects

DATE: April 25, 2014

The purpose of this memo is to provide a report to the Board of Mayor and Aldermen on: **A) A status of ongoing and completed projects for FY 2014, and B) to provide recommendations for the FY2014/2015 Operating Budget and 2014/2018 CIP Funding for Transportation Projects.**

Contents of this memo are provided in the following sections:

Section 1). An Introduction to the Transportation Advisory Committee and abbreviations used throughout the memo

Section 2). A report on the Status of ongoing and completed projects for FY 2014

Section 3). Recommendation for Funding in the FY 2014/2015 Operating Budget

Section 4). Recommendation for funding in the FY 2014/2018 CIP for Transportation Projects

Section 1). An Introduction to the Transportation Advisory Committee and abbreviations used throughout the memo

Purpose and Role of the Transportation Advisory Committee (per BOMA Resolution 11-122):

To assist in the development of a strategic transportation plan and to recommend annual transportation improvements and priorities for Capital Improvement Plan (CIP) funding.

Abbreviations used by the TAC:

Neighborhood Sidewalk Program (NSP) – Created by the BOMA in 2014 to complete sidewalk and greenway trail in-fill in neighborhoods

Neighborhood Traffic Calming Program (NTCP) – Created by the BOMA in 2013 in order to provide a policy to study and implement traffic calming measures in neighborhoods

Regional Transportation Projects (RTP) – Projects related to the Major Thoroughfare Plan (MTP) and of regional context

Road improvement Plan (RIP) – City Funded or Coordinated road projects (i.e. widening and spot improvements)

Street Resurfacing Projects (SRP) – Resurfacing and maintenance of Local Roads

Transportation Advisory Committee (TAC) – Created by the BOMA in 2011 as a sub-committee of the BOMA

Transportation Advisory Committee Members:

Alderman Chad Whittenburg (Chairman), Alderman Kayce Williams, Alderman Jonathan Duda

Standing Staff Members: Victor Lay, City Administrator; Dan Allen, Utilities Director



Multi-Year Funding (Bonding) Recommendation

The TAC continues to recommend the funding of certain projects through Bonding that will result in improvements that will satisfy current and future transportation needs. Bonding is being recommended for two main reasons: A) to avoid excessive cost burden to current taxpayers, and B) to ensure the costs are shared with those that will use the facilities in the future.

Section 2). A report on the Status of ongoing and completed projects for FY 2014

This past year has been a watershed year for the City of Spring Hill in terms of completing and making progress on much needed improvements to our strategic transportation plan.

Progress on Regional Transportation Projects (RTP) include:

Duplex Road (SR 247) Widening – The City executed an updated Local Management contract with T-DOT, and received Notice to Proceed on the Right of Way Acquisition phase of this project.

New Interchange at Interstate 65 – The Interchange Access Report demonstrating a need for an interchange in the vicinity of Buckner Rd Extension has been completed by CDM Smith and sent on to the FHWA for concurrence.

Main Street (SR6, US 31) – The City is currently in the process of completing improvements that will include the construction of dedicated turn lanes at 2 separate locations – in the vicinity of the Shoppes of Spring Hill, and the intersection at Buckner Rd. These projects are being funded entirely by the City and should be completed in June 2014.

Traffic Signalization at Main Street (SR6, US 31) and Miles Johnson Pwy – The City is currently in the process of assisting T-DOT in the acquisition of Right of Way necessary for the installation for this signal. The source of the funding for this project has come into question and may require City participation to assure its completion in 2014.

Traffic Signalization at Duplex Rd (SR 247) and Port Royal Rd – The City is currently in the process of acquisition of Right of Way necessary for the installation of a temporary signal at this location. CDM Smith was retained in 2013 by the City to complete engineering plans for this signal. This project is being funded entirely by the City and should be completed in 3Q 2014.

Traffic Signalization Synchronization on Main Street (SR 6, US 31) – The City has hired the team of RPM/Volkert to improve traffic signalization timing on Main Street. The project is currently being considered in two phases: Phase 1) Immediate improvements to signal timing between Belshire Way and Campbell Station Parkway, Phase 2) Signal Timing Study of Main Street Corridor from Thompson Station Road to Saturn Parkway.

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T-DOT Safety Improvement Projects – T-DOT Region 3 has completed Safety Audit improvements along Beechcroft Rd in the vicinity of the Railroad Crossing and Cleburne Rd. Additionally, T-DOT is completing improvements at the terminous of Saturn Pwy at Main Street as a result of a Safety Audit completed this year. Finally, T-DOT is in the process of completing a Safety Audit at the Port Royal Rd interchange at Saturn Pwy that may result in the installation of traffic signalization in FY 2014 / 2015 at each access ramp.

Progress on Road improvement Plan (RIP) include:

Temporary Traffic Signalization at Buckner Ln and Port Royal Rd – ICA Engineering has been retained and completed plans for the construction of temporary traffic signalization at this intersection. The construction of this project has gone out to bid with anticipated construction to begin in June 2014.

Buckner Ln Widening – ICA Engineering has been retained to complete a Technical Planning Study for the future widening of Buckner Ln, which will help guide and prepare the city for future development in this area.

Reserves Blvd Extension – The BOMA has authorized \$750,000 in total funds to complete the final stages of the project by a private partnership of land owners in the area, estimated to cost \$2.5 Million. Completion of this road project is anticipated to occur in 3Q 2014.

Commonwealth Drive Completion – City Staff is working to develop a special assessment district in order to fund and complete this project.

Crossings Circle Reconstruction – The City will be partnering with the owners of the Crossings shopping center, who have agreed to contribute 50% of the project, to remove the pavers and reconstruct the roundabout with asphalt. Completion of this project is anticipated to occur in 3Q 2014.

Crossings Circle Extension – City Staff continues to evaluate options for completing an extension of Crossings Circle. Initial cost estimates have been developed.

Walmart / Publix Cross Access – The City is in the process of negotiating the easement necessary for this cross access to occur. Funding for the easement may be required by the City, while funding for the construction has previously been committed and held under escrow by Walmart. Completion of this project is anticipated to occur in 2Q 2014.

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Progress on Street Resurfacing Projects (SRP)

The City completed spot maintenance repairs across the city, including on Buckner Lane, and also completed Street Resurfacing projects in Cameron Farms subdivision and Mahlon Moore Rd. The City has planned to complete needed repairs to the sub-base and completion of the top coat on portions of Wall Street and Nasdaq Rd, with an expected completion date of June 2014.

Progress on Neighborhood Sidewalk Program (NSP)

In February 2014, the Board of Mayor and Aldermen adopted the Neighborhood Sidewalk Program (NSP). The first "Call for Projects" was completed in April, and 10 projects for consideration were received. Funding of \$50,000 is included in the FY 2013/2014 operating budget for this program and it is anticipated that a portion of these projects will be able to be funded and completed in June 2014.

Progress on Neighborhood Traffic Calming Program (NTCP)

To date, three communities have formally requested to be included in the Neighborhood Traffic Calming Program (NTCP): Haynes Crossing, Spring Hill Place and Golfview Estates.

Status for each program follows:

Haynes Crossing – In February 2014, the City completed re-striping along Buckner Ln to accommodate a new Bicycle Lane and Lane Width reduction treatment ("road diet"). Improvements were completed in order for City Staff to conduct a study as to the effectiveness of these treatments.

Spring Hill Place – Initial meeting with community representative has been completed.

Golf View Estates – Initial meeting with community representative has been completed.

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Section 3). TAC Recommendation for funding in the FY 2014/2015 Operating Budget include:

3A Street Resurfacing Projects (SRP) Priority List of road paving and maintenance projects prepared by Staff and recommended by the TAC for funding in the FY2014/2015 Operating Budget (in order of priority, pending availability of funding):

2014/2015 Proposed Street Resurfacing Projects (Road Paving and Maintenance)

<u>Road Name</u>	<u>Milling Required?</u>	<u>Length (feet)</u>	<u>Width (feet)</u>	<u>Paving Cost</u>	<u>Estimated Milling Cost</u>	<u>Estimated Leveling Cost</u>	<u>Total Estimated Cost*</u>
Wall Street <i>Partial FY 2013/2014 Budget</i>	No	1,800	40	\$53,720	\$0	\$68,160	\$121,880
New Port Royal Rd	Yes	2,800	24	\$50,139	\$35,093	\$0	\$85,232
Buckner Rd.	No	4,000	24	\$71,627	\$0	\$0	\$71,627
Buckner Lane.	No	4,050	24	\$72,522	\$0	\$0	\$72,522
Paddy Trace	No	1,900	24	\$34,023	\$0	\$21,584	\$55,607
Old Military Rd.	No	1,500	20	\$22,383	\$0	\$0	\$22,383
Maury Hill	No	1,950	20	\$29,098	\$0	\$0	\$29,098
Alexander Street	No	1,260	20	\$18,802	\$0	\$0	\$18,802
Chester Ave.	No	1,650	20	\$24,622	\$0	\$0	\$24,622
Lancaster Drive	No	3,000	20	\$44,767	\$0	\$0	\$44,767
Mitchum Rd/ Timber	No	3,900	22	\$64,016	\$0	\$0	\$64,016
Port Royal Business Park	No	4,850	24	\$86,847	\$0	\$0	\$86,847
Tom Lunn Rd	No	5,860	20	\$87,444	\$0	\$0	\$87,444
TOTAL							\$784,847

* All Asphalt final topping material to be 411-E Surface Mix with leveling course and binder mix to be 307-BM. Costs are estimates based on \$79.00 per ton quote.

Minimum funding for FY2014/2015 Operating Budget for State Street Aid Repair and Maintenance Recommended by the TAC: \$700,000 *

*** Note: Under current proposed budget (as of April 25, 2014), 'Roads & Streets Paving, Repair & Maintenance' (#268) of \$700,000 is under State Street Aid Fund. This is in addition to \$110,000 for 'Roads & Streets Repair and Maintenance' (#268) & \$750,000 for 'Roads & Streets Construction' (#931) under Streets and Highways Department.**

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3B Road improvement Plan (RIP) and Regional Transportation Plan (RTP) projects (including Spot Improvement and Greenway/Multi-Modal projects) reviewed and recommended by the TAC for funding in the FY2014/2015 (in order of priority, pending availability of funding):

**2014/2015 Proposed Road Improvement Plan (RIP) and Regional Transportation Plan (RTP) Project Funding
(Includes Spot Improvements and Greenway/Multi-Modal Project Funding)**

Project Name	Description	Estimated Cost ^(*)
Duplex Road Widening	Right of Way Acquisition	TBD *
Crossings Circle Replacement <i>(FY 2014 and FY 2015)</i>	Repair and Reconstruction of Crossings Circle Roundabout 50% Partner with Excel, owner of The Crossings development	\$150,000
Main Street (US 31 / SR 6) Projects		
Walmart / Publix Cross Access	Cross Access Easement between Walmart and Publix	TBD
Main Street Traffic Signalization Synchronization	Phase 1) Immediate improvements to signals between Belshire Way / Campbell Station Pwy	\$60,000
Main Street Widening	Conduct Detailed Survey (<i>Consultant</i>) and evaluation of alternatives for Widening (<i>in-house</i>)	\$10,000
Main Street / Miles Johnson Parkway Signalization	Install Permanent Signal. <i>(Possible Funding through T-DOT Safety Grant)</i>	\$225,000
Reserve Boulevard Extension	Possible City participation to Complete Reserve Blvd from Kedron Rd. to Port Royal Rd.	\$750,000 *
Commonwealth Drive Extension	Possible City participation to Complete Commonwealth Drive	TBD
Buckner Lane Widening	Complete Technical Planning Report (begun in 2014, to be completed in FY 2015)	\$75,000
Buckner Road Widening	Complete Transportation Planning Report (TPR) to study Purpose, Need and Viable Options for this project.	\$75,000
Crossings Circle South Extension	Complete Technical Planning Report to develop roadway options	\$50,000
Port Royal Road Improvements		
Port Royal Road / Buckner Lane Temporary Signal	Install Temporary Signal	\$50,000
Port Royal Road / Duplex Road Temporary Signal	Install Temporary Signal	\$50,000
Greenways and Multi-Modal Projects		
Annual Funding for Greenways Development	Funding for Greenways Projects <i>(Recommend \$25,000 Funding for Greenways and Multi-Modal Plan)</i>	\$100,000
Annual Funding for Neighborhood Sidewalk In-Fill Program	Fudning for Neighborhood Sidewalk Program	\$50,000

* Indicates Recommended Multi-Year Funding Through Bond

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Minimum funding for FY2014/2015 Operating Budget for Road Improvement Plan (RIP) and Regional Transportation Plan (RTP) projects (excluding Greenways and Multi-Modal Projects): \$1,495,000 *

*** Note: Does not include TBD amounts that are not yet known, also does not deduct portions of projects that would be funded in the existing FY2013/2014 Operating Budget, or funding that would be derived from other sources such as grants.**

A summary by category follows:

Planning / Contract Services: \$270,000

Signalization (permanent and temporary): \$325,000

Road Construction: \$900,000

Greenway Development: \$100,000

Neighborhood Sidewalk Program: \$50,000

Under current proposed budget (as of April 25, 2014), 'Planning Services' (#256) of \$75,000 and 'Traffic Signalization' (#932) of \$325,000 are under State Street Aid Fund. 'Roads & Streets Construction' (#931) of \$750,000, 'Traffic Signalization' (#292) of \$50,000, and 'Sidewalk New' (#272) are under Streets and Highways Department. 'Trails / Greenways Development' (#915) of \$100,000 is under Parks and Recreation Department.

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Section 4). TAC Recommendation for funding in the FY 2014/2018 CIP for Transportation Projects include:

The BOMA has previously programmed funding for the installation of Traffic Signalization at intersections throughout the city over the next few years. For FY2014/2015, projects are underway to install a permanent signal at Miles Johnson Parkway / Main Street, and 2 separate temporary signals at Buckner Ln / Port Royal Rd and Duplex Rd / Port Royal Rd. City Staff continues to study and is working to identify additional locations. It is foreseeable that signalization will be required in FY 2014/2018 for a number of intersections.

FY 2014/2015 CIP Proposed Transportation Funding (Signalization)

<u>Fiscal Year</u>	<u>Project Name</u>	<u>Description</u>	<u>Estimated Cost</u>
2014/2015	Traffic Signalization	Installation of Traffic Signalization (Main St / Miles Johnson Pwy) Note: Possible funding to be T-DOT Safety Grant	\$225,000
2014/2015	Traffic Signalization	Installation of Traffic Signalization 2 Locations: Temporary at Buckner Ln / Port Royal Rd Temporary at Port Royal Rd / Duplex Rd	\$100,000
2015/2016	Traffic Signalization	Installation of Traffic Signalization (Location Not Yet Identified)	\$200,000
2016/2017	Traffic Signalization	Installation of Traffic Signalization (Location Not Yet Identified)	\$200,000
2017/2018	Traffic Signalization	Installation of Traffic Signalization (Location Not Yet Identified)	\$200,000
2018/2019	Traffic Signalization	Installation of Traffic Signalization (Location Not Yet Identified)	\$200,000

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For further 2014/2018 CIP Funding specific to RTP and RIP (City Funded) Transportation projects, the TAC makes a recommendation that the Major Thoroughfare Plan currently under development by Staff be completed, which will provide further direction for future multi-year budgeting for the CIP. The TAC has taken Staff Recommendation and Board of Mayor and Aldermen prioritization of projects (as completed by the survey of CIP Project Prioritization by the BOMA in April 2014) for 1st Year funding of the 2014/2018 CIP. Page 6 of this report includes funding for these projects.

The TAC will further develop 2014/2018 CIP Funding specific to RTP and RIP (City Funded) Transportation projects throughout FY 2014.

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