

**TO:** Board of Mayor and Aldermen (BOMA)

**CC:** Budget and Finance Advisory Committee (BFAC), Planning Commission and City Staff

**FROM:** Transportation Advisory Committee (TAC)

**SUBJECT:** Recommendations for FY2012/2013 Operating Budget and 2012/2017 CIP Funding for Transportation Projects

**DATE:** May 2, 2012

The Transportation Advisory Committee (TAC) has completed its recommendations for the FY2012/2013 Operating Budget and 2012/2017 CIP Funding for Transportation Projects.

**Street Resurfacing Projects (SRP) Projects Priority List recommended by the TAC for funding in the FY2012/2013 (in order of priority, pending availability of funding):**

Street	Feet	Traffic Counts		Cost*	
		North/East	South/West		
Port Royal Rd.	From Tom Lunn to Penske	6,864	9296	9310	\$280,500
Buckner Lane	From Buckner Rd. to Thomason Station Rd.	3,700	12479	12620	\$63,400
Mahlon Moore Rd.	Spot repairs		5921	5922	65000
Buckner Rd.	Spot repairs		9624	11201	25000
Old Kedron	From Miles Johnson to Kedron Rd.	2,640	6172	6174	\$55,000
New Port Royal Rd.	From Stewart Campbell North		4477	4589	120000

**Regional Transportation Projects (RTP), recommended project priority:**

Projects	Major Thoroughfare Plan Project #
Regional Transportation Projects – Major T-DOT involved projects	
Duplex widening (SR 247) – ROW acquisition	4
I-65 Interchange, Buckner Rd Extension	9, 10, 31 & 33
Beechcroft RR Crossing	28
Main Street widening (US 31, SR 6)	2 & 3
Beechcroft widening (SR 247)	29

**Road Improvement Plan (RIP) - City Funded, recommended project priority:**

Projects	Major Thoroughfare Plan Project #
Road Improvement Plan – Major Improvements of Local Roads	
Buckner Rd widening	8
Port Royal Rd (from Buckner Ln to Duplex Rd – City portion)	22
Crossings Circle / Reserves Blvd Extension (Connector for Main St to Port Royal Rd N of Saturn Pkwy)	11, 13 & 26
Buckner Lane widening	7
New Jim Warren Rd (Port Royal Connector to Rice Rd)	27
Wilkes Ln	21
John Lunn Rd reconstruction (Connector for Kedron to Port Royal Rd S of Saturn Pkwy)	5
Kedron Rd widening (2 Lanes to 3 Lanes)	13

**Transportation Advisory Committee Members:**

Alderman Allen Hall (Chairman), Alderman Amy Wurth, Alderman Jonathan Duda

**Standing Staff Members:** Victor Lay, City Administrator; Wayne Patterson, Public Works

May 2012

**Road Improvement Plan (RIP) - Developer Funded (with City coordination or Planning), recommended project priority:**

Projects	Major Thoroughfare Plan Project #
Road Improvement Plan – Developer Funded / City Planned or Coordinated	
Commonwealth Dr Extension North (Connector for Main St to Longview)	12
Reserves Blvd Extension (Connector for Kedron Rd to Port Royal Rd N of Saturn)	11
Port Royal Rd (Commonwealth Intersection – Traffic Circle)	15, 22 & 25
New Port Royal Rd Extension to Thompson’s Station Rd	17
Hurt Rd (extending to Stewart Campbell Point)	19
Rice Rd Extension (Port Royal Rd to Jim Warren)	24 & 36

**Road Improvement Plan (RIP) Spot Improvements and Greenway recommended project list (pending availability of funding):**

Projects	Major Thoroughfare Plan Project #
Road Improvement Plan – Spot Improvements – planning for known or imminent issues	
Spring Hill Commons / Main St dedicated Left Turn Ln West	
Port Royal Rd / Buckner Ln intersection	
Super Walmart – identified needs: East Bound Turn Ln from Main St to Buckner Rd	
Buckner Ln / Thompson’s Station Rd intersection	
Wilkes Ln and Mainstreet Signal	
Cleburne Rd and Beechcroft Intersection Signal	
Greenways and Multi-use trails / Multi-modal plan	
Funding to construct 1 Mile of Greenway/Multi Use Trails per year	
Funding for Neighborhood Sidewalk In-fill Program	

The TAC has developed a recommended funding plan for RTP and RIP (City Funded) projects to be incorporated in the 2012/2017 CIP. A summary of the recommended 2012/2017 CIP for these transportation projects is attached, including details for each project.

Details on this plan are available online at:  
[aldermanhall.com/Committees/TransportationCommittee.aspx](http://aldermanhall.com/Committees/TransportationCommittee.aspx)

**Purpose and Role of the Transportation Advisory Committee (TAC)**

To assist in the development of a strategic transportation plan and to recommend annual transportation improvements and priorities for Capital Improvement Plan (CIP) funding. The TAC will serve as an advisory committee to the Board of Mayor and Aldermen (BOMA) by recommending policy to the BOMA on transportation and related issues and propose annual funding to address these issues.

**Transportation Advisory Committee Members:**

Alderman Allen Hall (Chairman), Alderman Amy Wurth, Alderman Jonathan Duda  
**Standing Staff Members:** Victor Lay, City Administrator; Wayne Patterson, Public Works  
 May 2012

**CITY OF SPRING CAPITAL IMPROVEMENT PLAN  
REGIONAL TRANSPORTATION PROJECTS AND ROAD IMPROVEMENT PLAN  
AS OF 5/2/2012**

<b>Regional Transportation Program (RTP) and Road Improvement Plan (RIP) Totals</b>						
<b>Expenditures</b>	<b>Prior Years</b>	<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>
Land	0	0	2,000,000	740,000	555,000	1,150,000
Professional Services	925,573	970,000	3,695,000	1,710,000	8,355,000	1,550,000
Construction	0	0	0	4,807,213	16,047,214	8,700,000
Utility Relocation	0	0	0	0	800,000	355,000
<b>Total</b>	<b>\$925,573</b>	<b>\$970,000</b>	<b>\$5,695,000</b>	<b>\$7,257,213</b>	<b>\$25,757,214</b>	<b>\$11,755,000</b>

<b>Regional Transportation Program (RTP) and Road Improvement Plan (RIP) Totals</b>						
<b>Funding Source</b>	<b>Prior Years</b>	<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>
General Fund \ Adequate Facilities	196,115	125,000	368,000	377,000	95,000	0
Bond Fund	0	150,000	3,245,000	775,000	15,125,000	5,200,000
Special Funds	85,000	347,000	1,030,000	830,000	3,310,000	6,555,000
State or Federal Funding	644,458	348,000	1,052,000	5,275,213	7,227,214	0
<b>Total</b>	<b>\$925,573</b>	<b>\$970,000</b>	<b>\$5,695,000</b>	<b>\$7,257,213</b>	<b>\$25,757,214</b>	<b>\$11,755,000</b>

<b>Regional Transportation Program (RTP) Totals</b>						
<b>Expenditures</b>	<b>Prior Years</b>	<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>
Land	0	0	2,000,000	0	0	150,000
Professional Services	925,573	450,000	1,995,000	510,000	5,050,000	0
Construction	0	0	0	4,807,213	4,807,214	0
Utility Relocation	0	0	0	0	0	0
<b>Total</b>	<b>\$925,573</b>	<b>\$450,000</b>	<b>\$3,995,000</b>	<b>\$5,317,213</b>	<b>\$9,857,214</b>	<b>\$150,000</b>

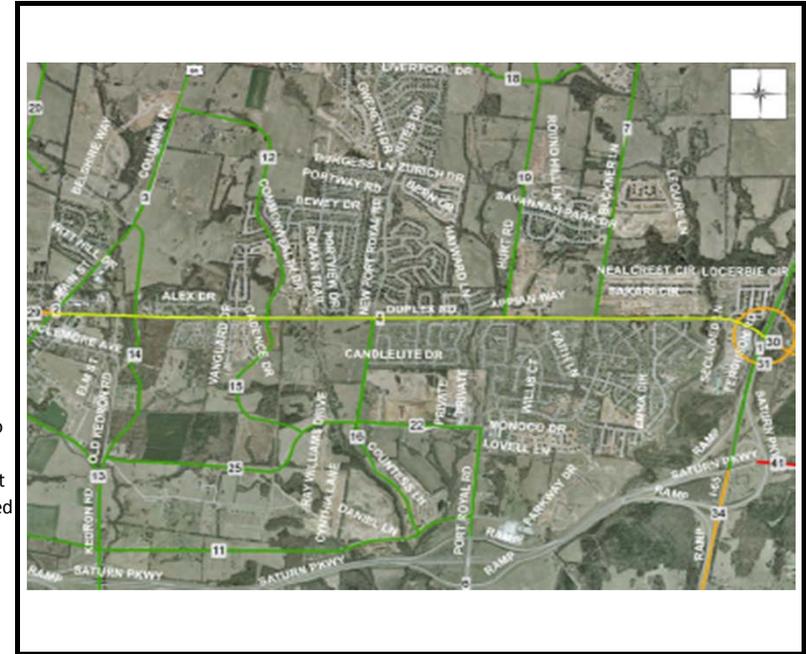
<b>Regional Transportation Program (RTP) Totals</b>						
<b>Funding Source</b>	<b>Prior Years</b>	<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>
General Fund \ Adequate Facilities	196,115	90,000	333,000	42,000	70,000	0
Bond Fund	0	0	2,200,000	0	755,000	150,000
Special Funds	85,000	12,000	410,000	0	1,805,000	0
State or Federal Funding	644,458	348,000	1,052,000	5,275,213	7,227,214	0
<b>Total</b>	<b>\$925,573</b>	<b>\$450,000</b>	<b>\$3,995,000</b>	<b>\$5,317,213</b>	<b>\$9,857,214</b>	<b>\$150,000</b>

<b>Road Improvement Plan (RIP) Totals</b>						
<b>Expenditures</b>	<b>Prior Years</b>	<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>
Land	0	0	0	740,000	555,000	1,000,000
Professional Services	0	520,000	1,700,000	1,200,000	3,305,000	1,550,000
Construction	0	0	0	0	11,240,000	8,700,000
Utility Relocation	0	0	0	0	800,000	355,000
<b>Total</b>	<b>\$0</b>	<b>\$520,000</b>	<b>\$1,700,000</b>	<b>\$1,940,000</b>	<b>\$15,900,000</b>	<b>\$11,605,000</b>

<b>Road Improvement Plan (RIP) Totals</b>						
<b>Funding Source</b>	<b>Prior Years</b>	<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>
General Fund \ Adequate Facilities	0	35,000	35,000	335,000	25,000	0
Bond Fund	0	150,000	1,045,000	775,000	14,370,000	5,050,000
Special Funds	0	335,000	620,000	830,000	1,505,000	6,555,000
State or Federal Funding	0	0	0	0	0	0
<b>Total</b>	<b>\$0</b>	<b>\$520,000</b>	<b>\$1,700,000</b>	<b>\$1,940,000</b>	<b>\$15,900,000</b>	<b>\$11,605,000</b>

**Project Name:** Duplex Road Widening  
**Spring Hill MTP Project Number:** P4  
**Spring Hill CIP Project Number:** RTP1  
**Length:** 3.33 Miles  
**Improvement:** Widen from two to three lanes  
**Project Fund:** General, Bond, State or Federal  
**Estimated Start Date:** 2009  
**Estimated Date of Completion:** 2015

**Description:**  
 Duplex Road serves as a major East-West connector through the City and provides access to numerous residential developments. Although this roadway currently operates at LOS C or better during the peak hour, traffic increases on this roadway are expected to result in LOS D and LOS E. To provide sufficient access to developments, improve safety, and improve traffic operations, Duplex Road should be widened to provide one standard-width travel lane for each direction of travel and a center turn lane with sufficient shoulders. Vertical alignment issues should also be corrected as part of this improvement. Once improved, this roadway is expected to operate at LOS A, LOS B and LOS C in 2030.



Stage	Prior Years	YR 1	YR 2	YR 3	YR 4	YR 5	Totals
		(3) Design FY 2012	(4) Right of Way FY 2013	(5) Construction FY 2014	(5) Construction FY 2015		
Expenditures							
Land	0	0	2,000,000	0	0	0	2,000,000
Professional Services	805,573	390,000	590,000	300,000	300,000	0	2,385,573
Construction	0	0	0	4,807,213	4,807,214	0	9,614,427
Utility Relocation	0	0	0	0	0	0	0
<b>Total</b>	<b>\$805,573</b>	<b>\$390,000</b>	<b>\$2,590,000</b>	<b>\$5,107,213</b>	<b>\$5,107,214</b>	<b>\$0</b>	<b>\$14,000,000</b>

Funding Source	Prior Years	YR 1	YR 2	YR 3	YR 4	YR 5	Totals
		FY 2012	FY 2013	FY 2014	FY 2015	0	
General Fund \ Adequate Facilities	161,115	78,000	78,000	0	0	0	317,115
Bond Fund	0	0	2,200,000	0	0	0	2,200,000
Special Funds	0	0	0	0	0	0	0
State or Federal Funding	644,458	312,000	312,000	5,107,213	5,107,214	0	11,482,885
<b>Total</b>	<b>\$805,573</b>	<b>\$390,000</b>	<b>\$2,590,000</b>	<b>\$5,107,213</b>	<b>\$5,107,214</b>	<b>\$0</b>	<b>\$14,000,000</b>

**Project Development Process Key**

(1) Study  
 (2) Planning

(3) Design  
 (4) Right of Way

(5) Construction

**Project Name:** I-65 Interchange / Buckner Road Extension  
**Spring Hill MTP Project Number:** P9, P10, P31 & P33  
**Spring Hill CIP Project Number:** RTP2  
**Length:** .86 Miles & Interchange  
**Improvement:** Construct Interchange and connector three-lane roadways  
**Project Fund:** General, Bond, Special, State or Federal  
**Estimated Start Date:** 2012  
**Estimated Date of Completion:** 2019



**Description:**  
 Significant development has occurred in the Northern portion of the City in recent years, and the trend is expected to continue. To accommodate the increasing traffic volumes, the proposed project would will extend Buckner Road as a three-lane roadway from the Eastern terminous at Buckner Lane and connect to a new interchange at Interstate 65, which will improve access for the City. Once constructed, this roadway is expected to operate at LOS A in 2030.

Stage	Prior Years	YR 1	YR 2	YR 4	YR 6	YR 8	Totals
		(1) Study	(2) Planning	(3) Design	(4) Right of Way	(5) Construction	
Expenditures		FY 2012	FY 2013	FY 2015	FY 2017	FY 2019	
Land	0	0	0	0	1,200,000	0	1,200,000
Professional Services	120,000	0	480,000	2,100,000		500,000	3,200,000
Construction	0	0	0	0	0	20,000,000	20,000,000
Utility Relocation	0	0	0	0	0	0	0
<b>Total</b>	<b>\$120,000</b>	<b>\$0</b>	<b>\$480,000</b>	<b>\$2,100,000</b>	<b>\$1,200,000</b>	<b>\$20,500,000</b>	<b>\$24,400,000</b>

Funding Source	Prior Years	YR 1	YR 2	YR 4	YR 6	YR 8	Totals
		FY 2012	FY 2013	FY 2015	FY 2017	FY 2019	
General Fund \ Adequate Facilities	35,000	0	120,000	0	0	0	155,000
Bond Fund	0	0	0	525,000	0	1,025,000	1,550,000
Special Funds	85,000	0	360,000	1,575,000	1,200,000	3,075,000	6,295,000
State or Federal Funding	0	0	0		0	16,400,000	16,400,000
<b>Total</b>	<b>\$120,000</b>	<b>\$0</b>	<b>\$480,000</b>	<b>\$2,100,000</b>	<b>\$1,200,000</b>	<b>\$20,500,000</b>	<b>\$24,400,000</b>

**Project Development Process Key**

(1) Study  
 (2) Planning

(3) Design  
 (4) Right of Way

(5) Construction

**Project Name:** Beechcroft Rail Crossing (SR247)  
**Spring Hill MTP Project Number:** P28  
**Spring Hill CIP Project Number:** RTP3  
**Length:** N/A  
**Improvement:** Construct bridge over CSX Railway  
**Project Fund:** General, Bond, State or Federal  
**Estimated Start Date:** 2013  
**Estimated Date of Completion:** 2017

**Description:**  
 The traffic delays caused by the CSX railroad crossing are expected to increase as traffic volumes increase on Beechcroft Road. The proposed project will eliminate this issue and improve safety by providing a bridge on Beechcroft Road over the CSX Railroad.



Stage	Prior Years	YR 1	YR 2	YR 4	YR 5	Totals
		(2) Planning	(3) Design	(4) Right of Way	(5) Construction	
Expenditures		FY 2013	FY 2014	FY 2016	FY 2017	
Land	0	0	0	150,000	0	150,000
Professional Services	0	75,000	210,000	0	25,000	310,000
Construction	0	0	0	0	2,240,000	2,240,000
Utility Relocation	0	0	0	0	240,000	240,000
<b>Total</b>	<b>\$0</b>	<b>\$75,000</b>	<b>\$210,000</b>	<b>\$150,000</b>	<b>\$2,505,000</b>	<b>\$0</b>

Funding Source	Prior Years	YR 1	YR 2	YR 4	YR 5	Totals
		FY 2013	FY 2014	FY 2016	FY 2017	
General Fund \ Adequate Facilities	0	15,000	42,000	0	0	57,000
Bond Fund	0	0	0	150,000	501,000	651,000
Special Funds	0	0	0	0	0	0
State or Federal Funding	0	60,000	168,000	0	2,004,000	2,232,000
<b>Total</b>	<b>\$0</b>	<b>\$75,000</b>	<b>\$210,000</b>	<b>\$150,000</b>	<b>\$2,505,000</b>	<b>\$0</b>

**Project Development Process Key**

(1) Study  
 (2) Planning

(3) Design  
 (4) Right of Way

(5) Construction

**Project Name:** SR-6/US-31 (Main Street) Widening  
**Spring Hill MTP Project Number:** P2 & P3  
**Spring Hill CIP Project Number:** RTP4  
**Length:** 3 Miles  
**Improvement:** Reconstruct Three-lanes in Downtown, Widen to four-lanes North  
**Project Fund:** General, Bond, Special, State or Federal  
**Estimated Start Date:** 2012  
**Estimated Date of Completion:** 2019

**Description:**  
 This project will widen the existing two-lane portion of Main Street from Kedron Road to Miles Johnson Parkway to three-lanes, including streetscape and landscape improvements in downtown Spring Hill. North of Miles Johnson Parkway, this project will provide a wider cross-section consisting of four-lanes and a median with turn lanes at intersections. These improvements will help accommodate the anticipated traffic volumes and address access control issues. Once improved, this roadway will operate at LOS D and LOS C in 2030.



Stage	Prior Years	YR 1	YR 2	YR 3	YR 4	YR 5	Totals
		(1) Study	(2) Planning	(3) Design	(4) Right of Way	(5) Construction	
Expenditures		FY 2012	FY 2013	FY 2015	FY 2017	FY 2019	
Land	0	0	0	0	2,400,000	0	2,400,000
Professional Services	0	60,000	500,000	2,300,000	0	500,000	3,360,000
Construction	0	0	0	0	0	20,440,000	20,440,000
Utility Relocation	0	0	0	0	1,000,000	1,000,000	2,000,000
<b>Total</b>	<b>\$0</b>	<b>\$60,000</b>	<b>\$500,000</b>	<b>\$2,300,000</b>	<b>\$3,400,000</b>	<b>\$21,940,000</b>	<b>\$28,200,000</b>

Funding Source	Prior Years	YR 1	YR 2	YR 3	YR 4	YR 5	Totals
		FY 2012	FY 2013	FY 2015	FY 2017	FY 2019	
General Fund \ Adequate Facilities	0	12,000	50,000	0	0	0	62,000
Bond Fund	0	0	0	230,000	1,700,000	0	1,930,000
Special Funds	0	12,000	50,000	230,000	1,700,000	0	1,992,000
State or Federal Funding	0	36,000	400,000	1,840,000	0	21,940,000	24,216,000
<b>Total</b>	<b>\$0</b>	<b>\$60,000</b>	<b>\$500,000</b>	<b>\$2,300,000</b>	<b>\$3,400,000</b>	<b>\$21,940,000</b>	<b>\$28,200,000</b>

**Project Development Process Key**

(1) Study  
 (2) Planning

(3) Design  
 (4) Right of Way

(5) Construction

**Project Name:** Beechcroft Road Widening (SR 247)  
**Spring Hill MTP Project Number:** P29  
**Spring Hill CIP Project Number:** RTP5  
**Length:** 2.65 Miles  
**Improvement:** Widen from two-lanes to three-lanes  
**Project Fund:** General, Bond, State or Federal  
**Estimated Start Date:** 2013  
**Estimated Date of Completion:** 2021

**Description:**  
 Currently, Beechcroft Road is a narrow two-lane collector road that provides access to residential and commercial properties and connects the City of Spring Hill to Carter's Creek Pike. Based on projected development trends, traffic volumes are expected to increase, and the existing cross-section will no longer be adequate. The proposed project will widen Beechcroft Road to three-lanes, with turn lanes at warranted locations, between Doctor Robertson Road and SR-6/US-31. The project will also connect an offset issue at the intersection of SR-6/US-31, Beechcroft Road and Duplex Road. This segment of Beechcroft Road currently operates at LOS C during the peak hour and will operate at LOS A and LOS B in 2030 once improved.



Stage	Prior Years	YR 1	YR 3	YR 5	YR 7	YR 9	Totals
		(1) Study	(2) Planning	(3) Design	(4) Right of Way	(5) Construction	
Expenditures		FY 2013	FY 2015	FY 2017	FY 2019	FY 2021	
Land	0	0	0	0	3,000,000	0	3,000,000
Professional Services	0	350,000	350,000	1,500,000		400,000	2,600,000
Construction	0	0	0	0	0	12,400,000	12,400,000
Utility Relocation	0	0	0	0	0	1,000,000	1,000,000
<b>Total</b>	<b>\$0</b>	<b>\$350,000</b>	<b>\$350,000</b>	<b>\$1,500,000</b>	<b>\$3,000,000</b>	<b>\$13,800,000</b>	<b>\$19,000,000</b>

Funding Source	Prior Years	YR 1	YR 3	YR 5	YR 7	YR 9	Totals
		FY 2013	FY 2015	FY 2017	FY 2019	FY 2021	
General Fund \ Adequate Facilities	0	70,000	70,000	0	0	0	140,000
Bond Fund	0	0	0	300,000	3,000,000	0	3,300,000
Special Funds	0	0	0	0	0	0	0
State or Federal Funding	0	280,000	280,000	1,200,000	0	13,800,000	15,560,000
<b>Total</b>	<b>\$0</b>	<b>\$350,000</b>	<b>\$350,000</b>	<b>\$1,500,000</b>	<b>\$3,000,000</b>	<b>\$13,800,000</b>	<b>\$19,000,000</b>

**Project Development Process Key**

(1) Study  
 (2) Planning

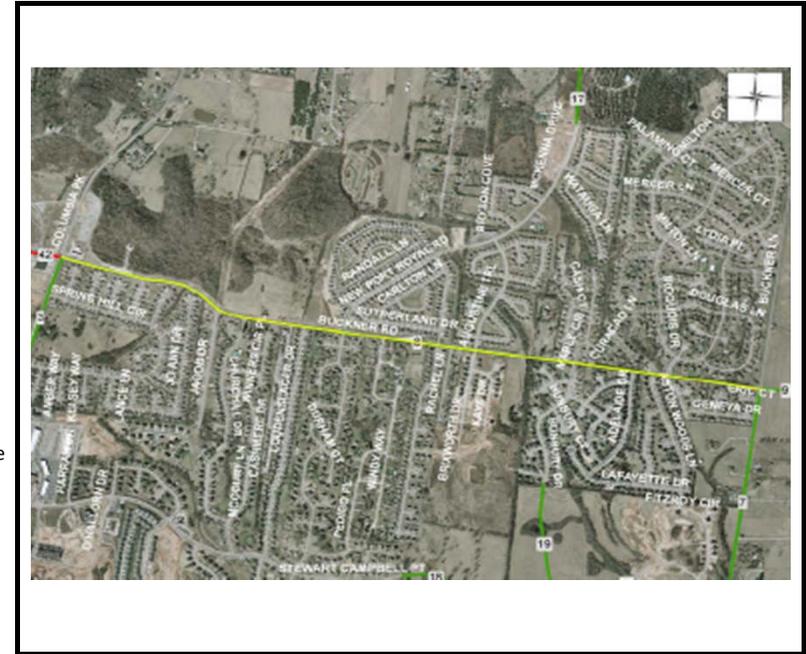
(3) Design  
 (4) Right of Way

(5) Construction

**Project Name:** Buckner Road Widening  
**Spring Hill MTP Project Number:** P8  
**Spring Hill CIP Project Number:** RIP1  
**Length:** 1.94 Miles  
**Improvement:** Widen from two to three lanes  
**Project Fund:** General or Bond  
**Estimated Start Date:** 2012  
**Estimated Date of Completion:** 2019

**Description:**  
 Buckner Road is a collector street that provides access to residential developments. This roadway will serve as a major east-west route through the city. To accommodate the projected traffic volumes, this project will widen Buckner Road from SR-6/US-31 to Buckner Lane to provide a three-lane cross-section. Currently, this segment of Buckner Road operates at LOS D or better during the peak hour. Once improved, it will operate at LOS B and LOS C in 2030.

Further Study must be completed to determine the final improvement (three or four lanes), whether bicycle lanes, sidewalks, and other appurtenances will be required.



Stage	Prior Years	YR 1	YR 2	YR 4	YR 6	YR 8	Totals
		(1) Study	(2) Planning	(3) Design	(4) Right of Way	(5) Construction	
Expenditures		FY 2012	FY 2013	FY 2015	FY 2017	FY 2019	
Land	0	0	0	0	1,000,000	0	1,000,000
Professional Services	0	60,000	250,000	1,100,000	0	590,000	2,000,000
Construction	0	0	0	0	0	10,500,000	10,500,000
Utility Relocation	0	0	0	0	0	500,000	500,000
<b>Total</b>	<b>\$0</b>	<b>\$60,000</b>	<b>\$250,000</b>	<b>\$1,100,000</b>	<b>\$1,000,000</b>	<b>\$11,590,000</b>	<b>\$14,000,000</b>

Funding Source	Prior Years	YR 1	YR 2	YR 4	YR 6	YR 8	Totals
		FY 2012	FY 2013	FY 2015	FY 2017	FY 2019	
General Fund \ Adequate Facilities	0	10,000	0	0	0	0	10,000
Bond Fund	0	50,000	250,000	1,100,000	1,000,000	11,590,000	13,990,000
Special Funds	0	0	0	0	0	0	0
State or Federal Funding	0	0	0	0	0	0	0
<b>Total</b>	<b>\$0</b>	<b>\$60,000</b>	<b>\$250,000</b>	<b>\$1,100,000</b>	<b>\$1,000,000</b>	<b>\$11,590,000</b>	<b>\$14,000,000</b>

**Project Development Process Key**

(1) Study  
 (2) Planning

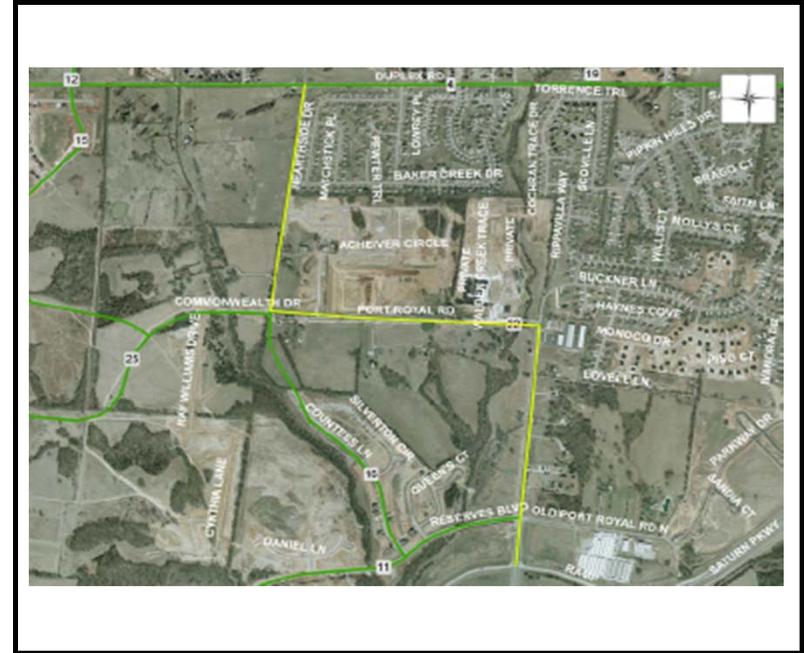
(3) Design  
 (4) Right of Way

(5) Construction

**Project Name:** Port Royal Rd Widening (Saturn Pwy to Duplex Rd)  
**Spring Hill MTP Project Number:** P22  
**Spring Hill CIP Project Number:** RIP2  
**Length:** 1.69  
**Improvement:** Widen from two to three lanes  
**Project Fund:** Bond or Special  
**Estimated Start Date:** 2012  
**Estimated Date of Completion:** 2015

**Description:**  
 Port Royal Road provides a north-south connection through the city and provides access to numerous residential properties. The proposed project will improve the roadway's cross-section to accommodate the projected traffic volumes, and it will improve the roadway's horizontal and vertical alignment. In particular, it will eliminate the two ninety degree turns that are located between Saturn Parkway and Duplex Road. This segment of Port Royal Road currently operates at LOS C or better during the peak hour. Once improved, this segment will operate LOS A in 2030.

Further Study must be completed to determine the final improvement (three or four lanes), whether bicycle lanes, sidewalks, and other appurtenances will be required.



Stage	Prior Years	YR 1	YR 2	YR 3	YR 4	YR 5	Totals
		(2) Planning	(3) Design	(4) Right of Way	(5) Construction		
Expenditures		FY 2012	FY 2013	FY 2014	FY 2015		
Land	0	0	0	500,000	0	0	500,000
Professional Services	0	240,000	950,000		370,000	0	1,560,000
Construction	0	0	0	0	9,240,000	0	9,240,000
Utility Relocation	0	0	0	0	800,000	0	800,000
<b>Total</b>	<b>\$0</b>	<b>\$240,000</b>	<b>\$950,000</b>	<b>\$500,000</b>	<b>\$10,410,000</b>	<b>\$0</b>	<b>\$12,100,000</b>

Funding Source	Prior Years	YR 1	YR 2	YR 3	YR 4	YR 5	Totals
		FY 2012	FY 2013	FY 2014	FY 2015	0	
General Fund \ Adequate Facilities	0	0	0	0	0	0	0
Bond Fund	0	50,000	475,000	250,000	10,410,000	0	11,185,000
Special Funds	0	190,000	475,000	250,000	0	0	915,000
State or Federal Funding	0	0	0	0	0	0	0
<b>Total</b>	<b>\$0</b>	<b>\$240,000</b>	<b>\$950,000</b>	<b>\$500,000</b>	<b>\$10,410,000</b>	<b>\$0</b>	<b>\$12,100,000</b>

**Project Development Process Key**

(1) Study  
 (2) Planning

(3) Design  
 (4) Right of Way

(5) Construction

**Project Name:** Reserves Boulevard & Crossings Circle Extension  
**Spring Hill MTP Project Number:** P11 & P26  
**Spring Hill CIP Project Number:** RIP3  
**Length:** 1.32  
**Improvement:** Construct a new three-lane road  
**Project Fund:** General, Bond or Special  
**Estimated Start Date:** 2012  
**Estimated Date of Completion:** 2016

**Description:**  
 Properties along the North side of Saturn Parkway are expected to develop with residential, retail and institutional health care related uses, including a 24 hr Emergency Room. This project will provide sufficient access to these properties and will accommodate projected traffic volumes by constructing a new three-lane road from SR-6/US-31 to Port Royal Road. In addition to providing access to the properties in this area, the new road will intersect with Kedron Road and Port Royal Road / Reserves Boulevard Connection (P16 in the SH MTP), two north-south routes. The new road is projected to operate at LOS A in 2030.

Coordination with property owners, including further study of potential historic treatments to protect and provide access to existing Spring Hill Battlefield will likely be required.



Stage	Prior Years	YR 1	YR 2	YR 3	YR 4	YR 5	Totals
		(1) Study	(2) Planning	(3) Design	(4) Right of Way	(5) Construction	
Expenditures		FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	
Land	0	0	0	0	425,000	0	425,000
Professional Services	0	170,000	170,000	680,000	0	200,000	1,220,000
Construction	0	0	0	0	0	6,500,000	6,500,000
Utility Relocation	0	0	0	0	0	355,000	355,000
<b>Total</b>	<b>\$0</b>	<b>\$170,000</b>	<b>\$170,000</b>	<b>\$680,000</b>	<b>\$425,000</b>	<b>\$7,055,000</b>	<b>\$8,500,000</b>

Funding Source	Prior Years	YR 1	YR 2	YR 3	YR 4	YR 5	Totals
		FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	
General Fund \ Adequate Facilities	0	25,000	25,000	100,000	0	0	150,000
Bond Fund	0	0	0	0	0	1,000,000	1,000,000
Special Funds	0	145,000	145,000	580,000	425,000	6,055,000	7,350,000
State or Federal Funding	0	0	0	0	0	0	0
<b>Total</b>	<b>\$0</b>	<b>\$170,000</b>	<b>\$170,000</b>	<b>\$680,000</b>	<b>\$425,000</b>	<b>\$7,055,000</b>	<b>\$8,500,000</b>

**Project Development Process Key**

(1) Study  
 (2) Planning

(3) Design  
 (4) Right of Way

(5) Construction

**Project Name:** Buckner Lane Widening  
**Spring Hill MTP Project Number:** P7  
**Spring Hill CIP Project Number:** RIP4  
**Length:** 2.65  
**Improvement:** Widen from Two to Three-lanes  
**Project Fund:** General, Bond or Special  
**Estimated Start Date:** 2013  
**Estimated Date of Completion:** 2018

**Description:**  
 Buckner Lane serves as a North-South connector through the Northern half of the city and provides access to numerous residential development. Properties along the East side of Buckner Lane, as well as a few properties along the West side of Buckner Lane, are primarily undeveloped or are used for agricultural purposes. As indicated by recent developments trends in Spring Hill, these properties are expected to rapidly develop with potential mixed uses. To maintain sufficient traffic operations on Buckner Lane in the future, this road should be widened to provide additional travel lanes. Currently this road operates at LOS C or better during the peak hour. Once improved, it is expected to operate at LOS A, LOS C or LOS D in 2030.

Further Study must be completed to determine the final improvement (three or four lanes), whether bicycle lanes, sidewalks, and other appurtenances will be required.



Stage	Prior Years	YR 1	YR 2	YR 3	YR 4	YR 6	Totals
		(1) Study	(2) Planning	(3) Design	(4) Right of Way	(5) Construction	
Expenditures		FY 2013	FY 2014	FY 2015	FY 2016	FY 2018	
Land	0	0	0	0	1,000,000	0	1,000,000
Professional Services	0	60,000	250,000	1,500,000	0	490,000	2,300,000
Construction	0	0	0	0	0	14,700,000	14,700,000
Utility Relocation	0	0	0	0	0	1,000,000	1,000,000
<b>Total</b>	<b>\$0</b>	<b>\$60,000</b>	<b>\$250,000</b>	<b>\$1,500,000</b>	<b>\$1,000,000</b>	<b>\$16,190,000</b>	<b>\$19,000,000</b>

Funding Source	Prior Years	YR 1	YR 2	YR 3	YR 4	YR 6	Totals
		FY 2013	FY 2014	FY 2015	FY 2016	FY 2018	
General Fund \ Adequate Facilities	0	10,000	25,000	0	0	0	35,000
Bond Fund	0	50,000	225,000	1,500,000	500,000	8,095,000	10,370,000
Special Funds	0	0	0	0	500,000	8,095,000	8,595,000
State or Federal Funding	0	0	0	0	0	0	0
<b>Total</b>	<b>\$0</b>	<b>\$60,000</b>	<b>\$250,000</b>	<b>\$1,500,000</b>	<b>\$1,000,000</b>	<b>\$16,190,000</b>	<b>\$19,000,000</b>

**Project Development Process Key**

(1) Study  
 (2) Planning

(3) Design  
 (4) Right of Way

(5) Construction

**Project Name:** Tom Lunn Rd Extension  
**Spring Hill MTP Project Number:** P27  
**Spring Hill CIP Project Number:** RIP5  
**Length:** .75 miles  
**Improvement:** Construct new three-lane road  
**Project Fund:** Bond or Special  
**Estimated Start Date:** 2012  
**Estimated Date of Completion:** 2015

**Description:**  
 This project will begin at terminus of existing Tom Lunn Road and Port Royal Road and extend east to Rice Road (SH MTP P24). This road connects to John Lunn Road/Royal Park Boulevard (SH MTP P4), which ends at Kedron Road. The extension of Tom Lunn Road will provide an East-West connection from Kedron Road to Rice Road.

Further Study must be completed to determine the final improvement (three or four lanes), whether bicycle lanes, sidewalks, and other appurtenances will be required.



Stage	Prior Years	YR 1	YR 2	YR 3	YR 4	YR 5	Totals
		(2) Planning	(3) Design	(4) Right of Way	(5) Construction		
Expenditures		FY 2012	FY 2013	FY 2014	FY 2015		
Land	0	0	0	240,000	0	0	240,000
Professional Services	0	50,000	210,000	0	100,000	0	360,000
Construction	0	0	0	0	2,000,000	0	2,000,000
Utility Relocation	0	0	0	0	0	0	0
<b>Total</b>	<b>\$0</b>	<b>\$50,000</b>	<b>\$210,000</b>	<b>\$240,000</b>	<b>\$2,100,000</b>	<b>\$0</b>	<b>\$2,600,000</b>

Funding Source	Prior Years	YR 1	YR 2	YR 3	YR 4	YR 5	Totals
		FY 2012	FY 2013	FY 2014	FY 2015	0	
General Fund \ Adequate Facilities	0	0	0	0	0	0	0
Bond Fund	0	50,000	210,000	240,000	1,050,000	0	1,550,000
Special Funds	0	0	0	0	1,050,000	0	1,050,000
State or Federal Funding	0	0	0	0	0	0	0
<b>Total</b>	<b>\$0</b>	<b>\$50,000</b>	<b>\$210,000</b>	<b>\$240,000</b>	<b>\$2,100,000</b>	<b>\$0</b>	<b>\$2,600,000</b>

**Project Development Process Key**

(1) Study  
 (2) Planning

(3) Design  
 (4) Right of Way

(5) Construction

**Road Improvement Plan**

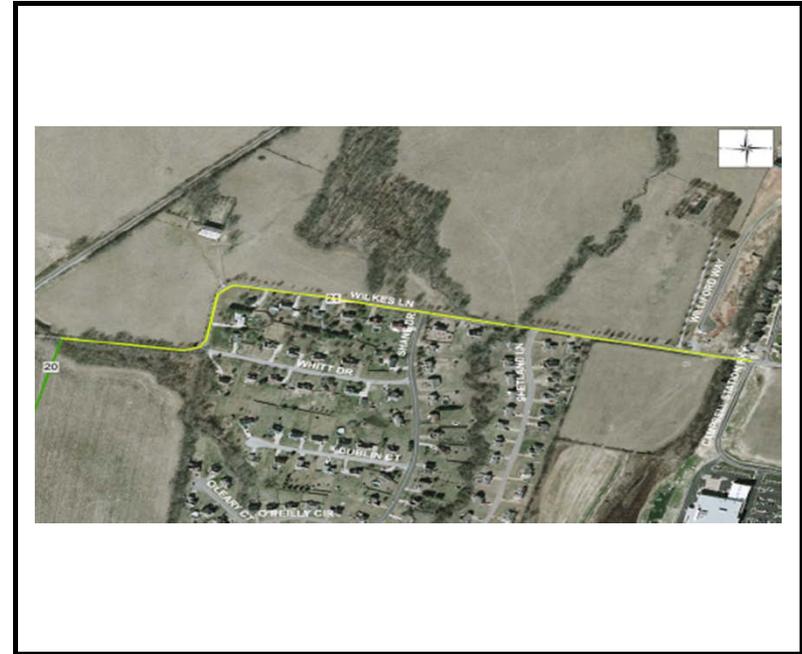
**City of Spring Hill, TN**

**FY 2012 to 2016 CIP**

**Project Name:** Wilkes Lane  
**Spring Hill MTP Project Number:** P21  
**Spring Hill CIP Project Number:** RIP6  
**Length:** .62 miles  
**Improvement:** Widen to provide standard two-lane cross section with turn lanes  
**Project Fund:** General, Bond or Special  
**Estimated Start Date:** 2013  
**Estimated Date of Completion:** 2016

**Description:**  
 This project will improve access to residential and commercial properties along SR-6/US-31. Once constructed, the new roadway will operate at LOS A in 2030.

Further Study must be completed to determine the final improvement, whether bicycle lanes, sidewalks, and other appurtenances will be required.



Stage	Prior Years	YR 1	YR 2	YR 3	YR 4	YR 5	Totals
		(2) Planning	(3) Design	(4) Right of Way	(5) Construction		
Expenditures		FY 2013	FY 2014	FY 2015	FY 2016		
Land	0	0	0	130,000	0	0	130,000
Professional Services	0	60,000	210,000	0	0	0	270,000
Construction	0	0	0	0	2,200,000	0	2,200,000
Utility Relocation	0	0	0	0	0	0	0
<b>Total</b>	<b>\$0</b>	<b>\$60,000</b>	<b>\$210,000</b>	<b>\$130,000</b>	<b>\$2,200,000</b>	<b>\$0</b>	<b>\$2,600,000</b>

Funding Source	Prior Years	YR 1	YR 2	YR 3	YR 4	YR 5	Totals
		FY 2013	FY 2014	FY 2015	FY 2016	0	
General Fund \ Adequate Facilities	0	0	210,000	0	0	0	210,000
Bond Fund	0	60,000	0	100,000	2,200,000	0	2,360,000
Special Funds	0	0	0	30,000	0	0	30,000
State or Federal Funding	0	0	0	0	0	0	0
<b>Total</b>	<b>\$0</b>	<b>\$60,000</b>	<b>\$210,000</b>	<b>\$130,000</b>	<b>\$2,200,000</b>	<b>\$0</b>	<b>\$2,600,000</b>

**Project Development Process Key**

(1) Study  
 (2) Planning

(3) Design  
 (4) Right of Way

(5) Construction

**Project Name:** John Lunn Rd / Royal Park Extension  
**Spring Hill MTP Project Number:** P5  
**Spring Hill CIP Project Number:** RIP7  
**Length:** 1.71 miles  
**Improvement:** Reconstruct to provide three-lane collector  
**Project Fund:** General, Bond or Special  
**Estimated Start Date:** 2014  
**Estimated Date of Completion:** 2019

**Description:**  
 John Lunn Road and Royal Park Boulevard are collector streets that provide an East-West connection between Kedron Road and Port Royal Road, just South of Saturn Parkway. John Lunn Road is very narrow and has horizontal and vertical curve issues. Also, these streets form an offset intersection at Timberline Drive, and it would be desirable to realign the intersection to provide a direct connection to Kedron Road and Port Royal Road. Currently, these roads operate at LOS B or better at the peak hour. Once improved, these roads will operate at LOS A in 2030.

Further Study must be completed to determine the final improvement, whether bicycle lanes, sidewalks, and other appurtenances will be required.



Stage	Prior Years	YR 1	YR 2	YR 3	YR 5	YR 6	Totals
		(1) Study	(2) Planning	(3) Design	(4) Right of Way	(5) Construction	
Expenditures		FY 2014	FY 2015	FY 2016	FY 2018	FY 2019	
Land	0	0	0	0	615,000	0	615,000
Professional Services	0	60,000	175,000	750,000	0	200,000	1,185,000
Construction	0	0	0	0	0	7,400,000	7,400,000
Utility Relocation	0	0	0	0	0	300,000	300,000
<b>Total</b>	<b>\$0</b>	<b>\$60,000</b>	<b>\$175,000</b>	<b>\$750,000</b>	<b>\$615,000</b>	<b>\$7,900,000</b>	<b>\$9,500,000</b>

Funding Source	Prior Years	YR 1	YR 2	YR 3	YR 5	YR 6	Totals
		FY 2014	FY 2015	FY 2016	FY 2018	FY 2019	
General Fund \ Adequate Facilities	0	0	25,000	0	0	0	25,000
Bond Fund	0	60,000	150,000	750,000	115,000	2,400,000	3,475,000
Special Funds	0	0	0	0	500,000	5,500,000	6,000,000
State or Federal Funding	0	0	0	0	0	0	0
<b>Total</b>	<b>\$0</b>	<b>\$60,000</b>	<b>\$175,000</b>	<b>\$750,000</b>	<b>\$615,000</b>	<b>\$7,900,000</b>	<b>\$9,500,000</b>

**Project Development Process Key**

(1) Study  
 (2) Planning

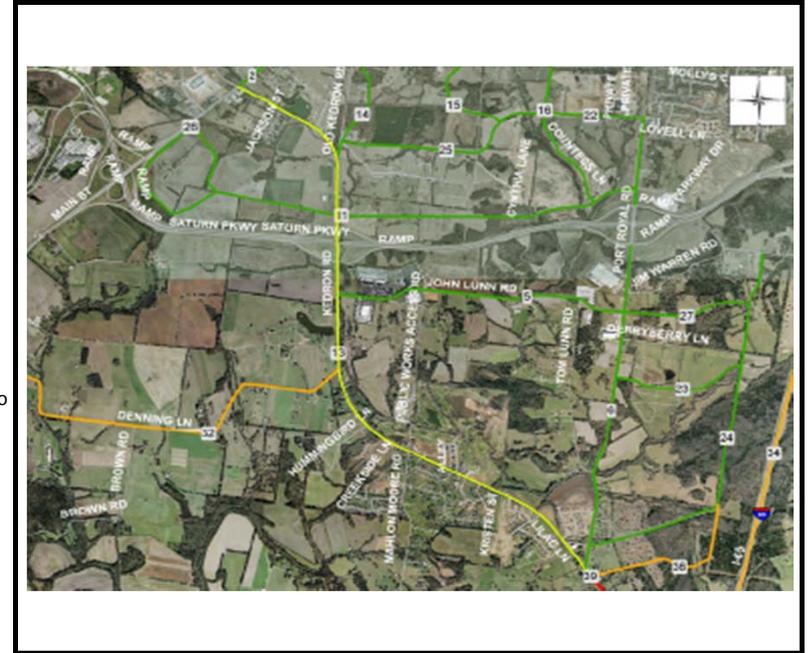
(3) Design  
 (4) Right of Way

(5) Construction

**Project Name:** Kedron Road Widening  
**Spring Hill MTP Project Number:** P13  
**Spring Hill CIP Project Number:** RIP8  
**Length:** 4.12 miles  
**Improvement:** Widen from Two to Three-lanes  
**Project Fund:** Bond  
**Estimated Start Date:** 2015  
**Estimated Date of Completion:** 2022

**Description:**  
 Kedron Road is an important collector that connects SR-6/US-31, Saturn Parkway and Port Royal Road. In the future, it is planned to connect to Interstate 65, with a new interchange. Currently, Kedron Road has two travel lanes, and properties along Kedron Road are primarily zoned for residential uses. This project will widen Kedron Road to three lanes to accommodate the projected traffic volumes. Once improved, this segment of Kedron Road will operate at LOS C, LOS D or LOS E in 2030.

Further Study must be completed to determine the final improvement (three or four lanes), whether bicycle lanes, sidewalks, and other appurtenances will be required.



Stage	Prior Years	YR 1	YR 2	YR 3	YR 4	YR 5	Totals
		(1) Study	(2) Planning	(3) Design	(4) Right of Way	(5) Construction	
Expenditures		FY 2015	FY 2016	FY 2018	FY 2020	FY 2022	
Land	0	0	0	0	1,500,000	0	1,500,000
Professional Services	0	60,000	600,000	2,400,000	0	700,000	3,760,000
Construction	0	0	0	0	0	23,240,000	23,240,000
Utility Relocation	0	0	0	0	0	1,000,000	1,000,000
<b>Total</b>	<b>\$0</b>	<b>\$60,000</b>	<b>\$600,000</b>	<b>\$2,400,000</b>	<b>\$1,500,000</b>	<b>\$24,940,000</b>	<b>\$29,500,000</b>

Funding Source	Prior Years	YR 1	YR 2	YR 3	YR 4	YR 5	Totals
		FY 2015	FY 2016	FY 2018	FY 2020	FY 2022	
General Fund \ Adequate Facilities	0	0	0	0	0	0	0
Bond Fund	0	60,000	600,000	2,400,000	1,500,000	24,940,000	29,500,000
Special Funds	0	0	0	0	0	0	0
State or Federal Funding	0	0	0	0	0	0	0
<b>Total</b>	<b>\$0</b>	<b>\$60,000</b>	<b>\$600,000</b>	<b>\$2,400,000</b>	<b>\$1,500,000</b>	<b>\$24,940,000</b>	<b>\$29,500,000</b>

**Project Development Process Key**

(1) Study  
 (2) Planning

(3) Design  
 (4) Right of Way

(5) Construction