

Supplemental Information on Scenario 5



City of Franklin, TN Capacity Model

Updated for April 10, 2012



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Staff Recommended Scenario Variations



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Scenario 5 has been considered with three variations:

- 5A - Includes South Carothers Parkway (**north** segment) at \$7.6 million; does not include Carlisle Lane Signalization or McEwen Drive Temporary Connector.
- 5B - Includes South Carothers Parkway (**south** segment) at \$9.1 million; does not include Carlisle Lane Signalization or McEwen Drive Temporary Connector.
- 5C - Includes South Carothers Parkway (south segment) at \$9.1 million and McEwen Drive Temporary Connector at \$2.5 million; does not include Carlisle Lane Signalization.
- 5D - Includes South Carothers Parkway (south segment) at \$9.1 million, McEwen Drive Temporary Connector at \$2.5 million and Carlisle Lane Signalization at \$2.2 million.

Scenario 5A



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Scenario 5A						
Staff Project Recommendation						
2012-16 CIP Work Sheet						
Priority	Project Description	2012	2013	2014	2015	2016
Committed						
Project 1	Hillsboro Road	1,000,000	1,000,000	5,000,000	4,000,000	-
Committed						
Project 2	Consolidated Public Works Facility	2,500,000	2,500,000	-	-	-
	Total Committed Projects	3,500,000	3,500,000	5,000,000	4,000,000	-
Priority Projects:						
1	Consolidated Public Works Facility	-	-	-	-	-
	Net Funding Needs	-	-	-	-	-
2	Fire Station Design #7 & #8 Westhaven	-	225,000	-	-	-
	Net Funding Needs	-	-	-	-	-
3	Park @ Harlinsdale Farm Improvements	-	131,300	-	-	-
	Net Funding Needs	-	-	-	-	-
4	McEwen Drive, Wilson Pike to City Limit	-	240,000	-	-	-
	Net Funding Needs	-	240,000	-	-	-
5	McEwen Drive @ Wilson Pike Intersection	-	450,000	-	-	-
	Net Funding Needs	-	-	-	-	-
6	McEwen Drive Cool Springs to Wilson Pike	-	680,000	-	-	-
	Net Funding Needs	-	680,000	-	-	-
7	South Carothers Parkway (north segment)	-	2,585,899	3,000,000	2,050,000	50,000
	Net Funding Needs	-	2,585,899	3,000,000	2,050,000	50,000
8	Century Court/Beasley Drive Connector	5,505	457,000	-	-	-
	Net Funding Needs	5,505	457,000	-	-	-
9	McEwen Drive Temporary Connector	-	-	-	-	-
	Net Funding Needs	-	-	-	-	-
10	Carlisle Lane Signalization	-	-	-	-	-
	Net Funding Needs	-	-	-	-	-
Summary						
	Annual "small project" funding	-	-	-	-	-
	Total Priority Projects	5,505	4,769,199	3,000,000	2,050,000	50,000
	Committed Projects	3,500,000	3,500,000	5,000,000	4,000,000	-
	All Projects Total	3,505,505	8,269,199	8,000,000	6,050,000	50,000
	Reserve Funding	-	-	-	-	-
	Bond Funding Amount	3,505,505	7,462,899	8,000,000	6,050,000	50,000

Scenario 5B



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Scenario 5B						
Staff Project Recommendation						
2012-16 CIP Work Sheet						
Priority	Project Description	2012	2013	2014	2015	2016
Committed						
Project 1	Hillsboro Road	1,000,000	1,000,000	5,000,000	4,000,000	-
Committed						
Project 2	Consolidated Public Works Facility	2,500,000	2,500,000	-	-	-
	Total Committed Projects	3,500,000	3,500,000	5,000,000	4,000,000	-
Priority Projects:						
1	Consolidated Public Works Facility	-	-	-	-	-
	Net Funding Needs	-	-	-	-	-
2	Fire Station Design #7 & #8 Westhaven	-	225,000	-	-	-
	Net Funding Needs	-	-	-	-	-
3	Park @ Harlinsdale Farm Improvements	-	131,300	-	-	-
	Net Funding Needs	-	-	-	-	-
4	McEwen Drive, Wilson Pike to City Limit	-	240,000	-	-	-
	Net Funding Needs	-	240,000	-	-	-
5	McEwen Drive @ Wilson Pike Intersection	-	450,000	-	-	-
	Net Funding Needs	-	-	-	-	-
6	McEwen Drive Cool Springs to Wilson Pike	-	680,000	-	-	-
	Net Funding Needs	-	680,000	-	-	-
7	South Carothers Parkway (south segment)	-	2,700,000	3,000,000	3,000,000	491,809
	Net Funding Needs	-	2,700,000	3,000,000	3,000,000	491,809
8	Century Court/Beasley Drive Connector	5,505	457,000	-	-	-
	Net Funding Needs	5,505	457,000	-	-	-
9	McEwen Drive Temporary Connector	-	-	-	-	-
	Net Funding Needs	-	-	-	-	-
10	Carlisle Lane Signalization	-	-	-	-	-
	Net Funding Needs	-	-	-	-	-
Summary						
	Annual "small project" funding	-	-	-	-	-
	Total Priority Projects	5,505	4,883,300	3,000,000	3,000,000	491,809
	Committed Projects	3,500,000	3,500,000	5,000,000	4,000,000	-
	All Projects Total	3,505,505	8,383,300	8,000,000	7,000,000	491,809
	Reserve Funding	-	-	-	-	-
	Bond Funding Amount	3,505,505	7,577,000	8,000,000	7,000,000	491,809

Scenario 5C



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Scenario 5C						
Staff Project Recommendation						
2012-16 CIP Work Sheet						
Priority	Project Description	2012	2013	2014	2015	2016
Committed						
Project 1	Hillsboro Road	1,000,000	1,000,000	5,000,000	4,000,000	-
Committed						
Project 2	Consolidated Public Works Facility	2,500,000	2,500,000	-	-	-
	Total Committed Projects	3,500,000	3,500,000	5,000,000	4,000,000	-
Priority Projects:						
1	Consolidated Public Works Facility	-	-	-	-	-
	Net Funding Needs	-	-	-	-	-
2	Fire Station Design #7 & #8 Westhaven	-	225,000	-	-	-
	Net Funding Needs	-	-	-	-	-
3	Park @ Harlinsdale Farm Improvements	-	131,300	-	-	-
	Net Funding Needs	-	-	-	-	-
4	McEwen Drive, Wilson Pike to City Limit	-	240,000	-	-	-
	Net Funding Needs	-	240,000	-	-	-
5	McEwen Drive @ Wilson Pike Intersection	-	450,000	-	-	-
	Net Funding Needs	-	-	-	-	-
6	McEwen Drive Cool Springs to Wilson Pike	-	150,000	-	-	-
	Net Funding Needs	-	150,000	-	-	-
7	South Carothers Parkway (south segment)	-	2,700,000	3,000,000	3,000,000	491,809
	Net Funding Needs	-	2,700,000	3,000,000	3,000,000	491,809
8	Century Court/Beasley Drive Connector	5,505	457,000	-	-	-
	Net Funding Needs	5,505	457,000	-	-	-
9	McEwen Drive Temporary Connector	-	257,000	1,728,600	496,400	-
	Net Funding Needs	-	257,000	1,728,600	496,400	-
10	Carlisle Lane Signalization	-	-	-	-	-
	Net Funding Needs	-	-	-	-	-
Summary						
	Annual "small project" funding	-	-	-	-	-
	Total Priority Projects	5,505	4,610,300	4,728,600	3,496,400	491,809
	Committed Projects	3,500,000	3,500,000	5,000,000	4,000,000	-
	All Projects Total	3,505,505	8,110,300	9,728,600	7,496,400	491,809
	Reserve Funding	-	-	-	-	-
	Bond Funding Amount	3,505,505	7,304,000	9,728,600	7,496,400	491,809

Scenario 5D



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Scenario 5D						
Staff Project Recommendation						
CIP Work Sheet						
Priority	Project Description	2012	2013	2014	2015	2016
Committed Project 1	Hillsboro Road	1,000,000	1,000,000	5,000,000	4,000,000	-
Committed Project 2	Consolidated Public Works Facility	2,500,000	2,500,000	-	-	-
	Total Committed Projects	3,500,000	3,500,000	5,000,000	4,000,000	-
Priority Projects:						
1	Consolidated Public Works Facility	-	-	-	-	-
	Net Funding Needs	-	-	-	-	-
2	Fire Station Design #7 & #8 Westhaven	-	225,000	-	-	-
	Net Funding Needs	-	-	-	-	-
3	Park @ Harlinsdale Farm Improvements	-	131,300	-	-	-
	Net Funding Needs	-	-	-	-	-
4	McEwen Drive, Wilson Pike to City Limit	-	240,000	-	-	-
	Net Funding Needs	-	240,000	-	-	-
5	McEwen Drive @ Wilson Pike Intersection	-	450,000	-	-	-
	Net Funding Needs	-	-	-	-	-
6	McEwen Drive Cool Springs to Wilson Pike	-	150,000	-	-	-
	Net Funding Needs	-	150,000	-	-	-
7	South Carothers Parkway (south segment)	-	2,700,000	3,000,000	3,000,000	491,809
	Net Funding Needs	-	2,700,000	3,000,000	3,000,000	491,809
8	Century Court/Beasley Drive Connector	5,505	457,000	-	-	-
	Net Funding Needs	5,505	457,000	-	-	-
9	McEwen Drive Temporary Connector	-	257,000	1,728,600	496,400	-
	Net Funding Needs	-	257,000	1,728,600	496,400	-
10	Carlisle Lane Signalization	24,465	226,925	1,993,182	-	-
	Net Funding Needs	24,465	226,925	1,993,182	-	-
Summary						
	Annual "small project" funding	-	-	-	-	-
	Total Priority Projects	29,970	4,837,225	6,721,782	3,496,400	491,809
	Committed Projects	3,500,000	3,500,000	5,000,000	4,000,000	-
	All Projects Total	3,529,970	8,337,225	11,721,782	7,496,400	491,809
	Reserve Funding	-	-	-	-	-
	Bond Funding Amount	3,529,970	7,530,925	11,721,782	7,496,400	491,809

Scenario Comparisons - *Estimates*



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Scenario 5A	2012	2013	2014	2015	2016
Total Priority Projects	5,505	4,769,199	3,000,000	2,050,000	50,000
Committed Projects	3,500,000	3,500,000	5,000,000	4,000,000	-
All Projects Total	3,505,505	8,269,199	8,000,000	6,050,000	50,000
Bond Funding Amount	3,505,505	7,462,899	8,000,000	6,050,000	50,000
METRICS					
additional debt service(total) =	-	245,385	522,403	560,000	423,500
cumulative new debt service =	-	245,385	767,788	1,327,788	1,751,288
estimated Gen Fund budget =	52,867,500	55,510,875	58,286,419	61,200,740	64,260,777
additional debt service/ Budget =	0.00%	0.44%	1.32%	2.17%	2.73%
existing debt service	5,068,183	5,068,183	5,068,183	5,068,183	5,068,183
existing debt service/Budget =	9.59%	9.13%	8.70%	8.28%	7.89%
existing debt service + committed projects/Budget	9.59%	9.57%	9.12%	8.85%	7.89%
combined debt service/Budget =	9.59%	9.57%	10.01%	10.45%	10.61%

Scenario 5B	2012	2013	2014	2015	2016
Total Priority Projects	5,505	4,883,300	3,000,000	3,000,000	491,809
Committed Projects	3,500,000	3,500,000	5,000,000	4,000,000	-
All Projects Total	3,505,505	8,383,300	8,000,000	7,000,000	491,809
Bond Funding Amount	3,505,505	7,577,000	8,000,000	7,000,000	491,809
METRICS					
additional debt service(total) =	-	245,385	530,390	560,000	490,000
cumulative new debt service =	-	245,385	775,775	1,335,775	1,825,775
estimated Gen Fund budget =	52,867,500	55,510,875	58,286,419	61,200,740	64,260,777
additional debt service/ Budget =	0.00%	0.44%	1.33%	2.18%	2.84%
existing debt service	5,068,183	5,068,183	5,068,183	5,068,183	5,068,183
existing debt service/Budget =	9.59%	9.13%	8.70%	8.28%	7.89%
existing debt service + committed projects/Budget	9.59%	9.57%	9.12%	8.85%	7.89%
combined debt service/Budget =	9.59%	9.57%	10.03%	10.46%	10.73%

Scenario 5C	2012	2013	2014	2015	2016
Total Priority Projects	5,505	4,610,300	4,728,600	3,496,400	491,809
Committed Projects	3,500,000	3,500,000	5,000,000	4,000,000	-
All Projects Total	3,505,505	8,110,300	9,728,600	7,496,400	491,809
Bond Funding Amount	3,505,505	7,304,000	9,728,600	7,496,400	491,809
METRICS					
additional debt service(total) =	-	245,385	511,280	681,002	524,748
cumulative new debt service =	-	245,385	756,665	1,437,667	1,962,415
estimated Gen Fund budget =	52,867,500	55,510,875	58,286,419	61,200,740	64,260,777
additional debt service/ Budget =	0.00%	0.44%	1.30%	2.35%	3.05%
existing debt service	5,068,183	5,068,183	5,068,183	5,068,183	5,068,183
existing debt service/Budget =	9.59%	9.13%	8.70%	8.28%	7.89%
existing debt service + committed	9.59%	9.57%	9.12%	8.85%	7.89%
combined debt service/Budget =	9.59%	9.57%	9.99%	10.63%	10.94%

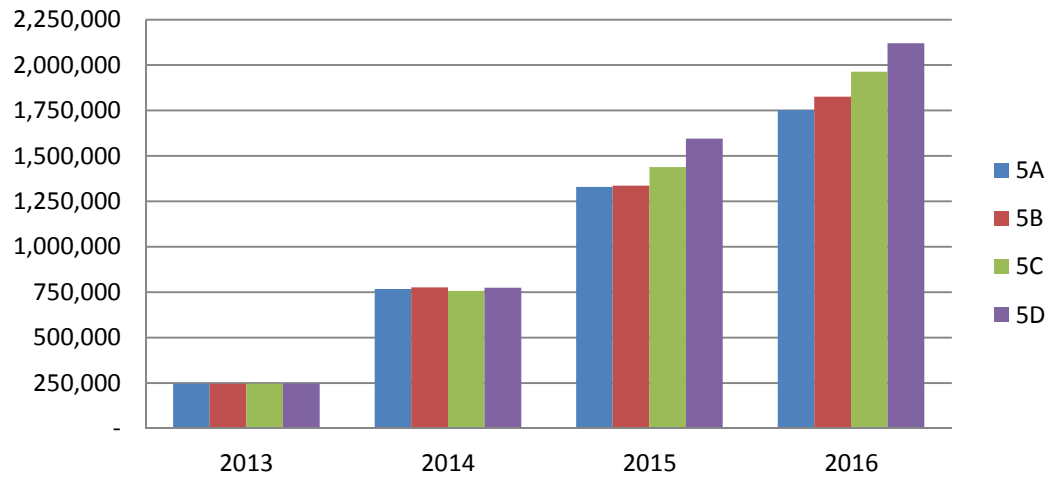
Scenario 5D	2012	2013	2014	2015	2016
Total Priority Projects	29,970	4,837,225	6,721,782	3,496,400	491,809
Committed Projects	3,500,000	3,500,000	5,000,000	4,000,000	-
All Projects Total	3,529,970	8,337,225	11,721,782	7,496,400	491,809
Bond Funding Amount	3,529,970	7,530,925	11,721,782	7,496,400	491,809
METRICS					
additional debt service(total) =	-	247,098	527,165	820,525	524,748
cumulative new debt service =	-	247,098	774,263	1,594,787	2,119,535
estimated Gen Fund budget =	52,867,500	55,510,875	58,286,419	61,200,740	64,260,777
additional debt service/ Budget =	0.00%	0.45%	1.33%	2.61%	3.30%
existing debt service	5,068,183	5,068,183	5,068,183	5,068,183	5,068,183
existing debt service/Budget =	9.59%	9.13%	8.70%	8.28%	7.89%
existing debt service + committed	9.59%	9.57%	9.12%	8.85%	7.89%
combined debt service/Budget =	9.59%	9.58%	10.02%	10.89%	11.19%

Scenario Comparisons

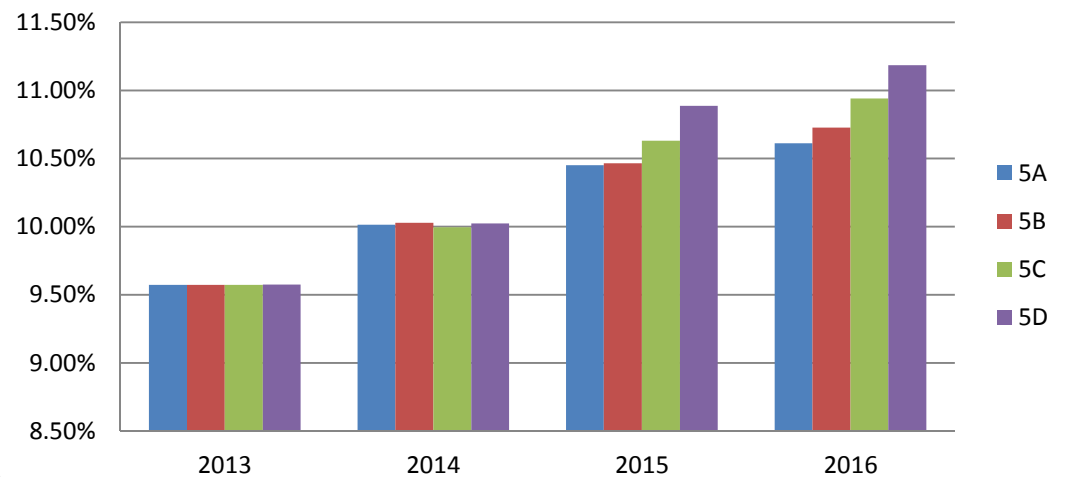


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Cumulative New Debt Service (\$)



All Debt Service/Budget (%)



Scenario Comparisons



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Affordability Matrix - \$52.3 Million Budget (FY 2012)

	General Fund Balance as a % of Operating Revenues	Debt Service as a % of Operating Expenditures	Net Debt per Capita	Per Capita Debt/Per Capita Income	Net Direct Debt as a % of Market Value
5A - S. Carothers (north) @ \$7.6 M; no Carlisle or McEwen Con.	●	● Yrs 2012-2021 Ratio is above policy	●	●	●
5B - S. Carothers (south) @ \$9.1 M; no Carlisle or McEwen Con.	●	● Yrs 2012-2021 Ratio is above policy	●	●	●
5C - S. Carothers (south) @ \$9.1 M & McEwen Con @ \$2.5 M; no Carlisle.	●	● Yrs 2012-2021 Ratio is above policy	●	●	●
5D - S. Carothers (south) @ \$9.1 M & McEwen Con \$2.5 M & Carlisle @ \$2.2 M.	●	● Yrs 2012-2021 Ratio is above policy	●	●	● Yr 2015 ratio is weak

