

Capital Budget and Program

Volume 2 of 5



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John R. Leopold
County Executive

Traffic Control

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Project Class Summary - Project Listing

Council Approved

<i>Project</i>	<i>Project Title</i>	<i>Total</i>	<i>Prior</i>	<i>FY2011</i>	<i>FY2012</i>	<i>FY2013</i>	<i>FY2014</i>	<i>FY2015</i>	<i>FY2016</i>
<i>Project Class: Traffic Control</i>									
H479100	Guardrail	\$400,870	\$100,870	\$0	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000
H479200	Traffic Signal Mod	\$1,911,884	\$586,884	\$200,000	\$225,000	\$225,000	\$225,000	\$225,000	\$225,000
H479300	State Highway Proj	\$801,571	\$301,571	\$0	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000
H479400	New Traffic Signals	\$2,881,222	\$1,156,222	\$225,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000
H479500	Nghborhd Traf Con	\$2,034,180	\$884,180	(\$100,000)	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000
H542100	New Streetlighting	\$1,150,000	\$700,000	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000
<i>Total: Traffic Control</i>		\$9,179,727	\$3,729,727	\$400,000	\$1,010,000	\$1,010,000	\$1,010,000	\$1,010,000	\$1,010,000

Project Class Summary - Funding Detail

Council Approved

<i>Project</i>	<i>Project Title</i>	<i>Total</i>	<i>Prior</i>	<i>FY2011</i>	<i>FY2012</i>	<i>FY2013</i>	<i>FY2014</i>	<i>FY2015</i>	<i>FY2016</i>
<i>Project Class: Traffic Control</i>									
Bonds									
	General County Bonds	\$5,871,775	\$2,021,775	\$425,000	\$685,000	\$685,000	\$685,000	\$685,000	\$685,000
Bonds									
		\$5,871,775	\$2,021,775	\$425,000	\$685,000	\$685,000	\$685,000	\$685,000	\$685,000
PayGo									
	General Fund PayGo	\$3,194,952	\$1,594,952	(\$25,000)	\$325,000	\$325,000	\$325,000	\$325,000	\$325,000
PayGo									
		\$3,194,952	\$1,594,952	(\$25,000)	\$325,000	\$325,000	\$325,000	\$325,000	\$325,000
Grants & Aid									
	Other Fed Grants	\$113,000	\$0	\$113,000	\$0	\$0	\$0	\$0	\$0
	Other State Grants	\$0	\$113,000	(\$113,000)	\$0	\$0	\$0	\$0	\$0
Grants & Aid									
		\$113,000	\$113,000	\$0	\$0	\$0	\$0	\$0	\$0
Traffic Control									
		\$9,179,727	\$3,729,727	\$400,000	\$1,010,000	\$1,010,000	\$1,010,000	\$1,010,000	\$1,010,000

H479100 Guardrail

Class: Traffic Control

FY2011 Council Approved

Description

This project is to install guardrails at potential accident locations for traffic safety and to upgrade guardrail installations that no longer meet safety standards.

This project will require funding beyond the program.

<p><u>Location</u></p> <p>Countywide</p>

Benefit

Increased public safety.

Amendment History

Prior approval has been adjusted to show the closing of jobs on this project. County Council removed \$60k via amendment #41 to Bill 35-08. County Council removed \$45k via amendment #46 to Bill 24-09.

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2011	Capital Program (\$000)					Beyond 6 Years
					FY2012	FY2013	FY2014	FY2015	FY2016	
\$381,276	Construction	\$377,026	\$92,026	\$0	\$57	\$57	\$57	\$57	\$57	
\$24,034	Overhead	\$23,844	\$8,844	\$0	\$3	\$3	\$3	\$3	\$3	
\$405,310	Total	\$400,870	\$100,870	\$0	\$60	\$60	\$60	\$60	\$60	
More (Less) Than Prior Year Program:		(\$4,440)	(\$4,440)	(\$60,000)	\$0	\$0	\$0	\$0	\$60	Multi-Yr

H479100 Guardrail

Class: Traffic Control

FY2011 Council Approved

Project Status

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Construction of guardrail at various sites.
3. Action Required To Complete This Project: Multi-Year

Change from Prior Year

1. Change In Name Or Description: None
2. Change In Total Project Cost: Reduced Funding in FY 11 and Added FY16 Funding
3. Change In Scope: None
4. Change In Timing: None

Estimated Operating Budget Impact: Potential savings/cost avoidance

Initial Total Project Cost Estimate

FY 1999 \$330,000

Financial Activity

Expended	Encumbered	Total	
April 1, 2009	\$14,594	\$14,200	\$28,794
April 1, 2010	\$10,154	\$14,200	\$24,354

Planning Advisory Board Recommendation

PAB recommendation does not fully fund this project.

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2011	Capital Program (\$000)					Beyond 6 Years
					FY2012	FY2013	FY2014	FY2015	FY2016	
\$405,310	General County Bonds	\$400,870	\$100,870	\$0	\$60	\$60	\$60	\$60	\$60	
\$0	General Fund PayGo	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
\$405,310	Total	\$400,870	\$100,870	\$0	\$60	\$60	\$60	\$60	\$60	
More (Less) Than Prior Year Program:		(\$4,440)	(\$4,440)	(\$60,000)	\$0	\$0	\$0	\$0	\$60	Multi-Yr

H479200 Traffic Signal Mod

Class: Traffic Control

FY2011 Council Approved

Description

This project funds upgrading or replacement of traffic control equipment which is obsolete, outdated, or non-maintainable. Also funds the yearly area-wide maintenance contract.

This project will require funding beyond the program.

Location

Countywide

Benefit

Continued safe and efficient operation of County owned traffic signals.

Amendment History

Prior approval has been adjusted to show the combination of H4679, Signal Equipment 98.
 Prior approval has been adjusted to show the closing of jobs on this project.

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2011	Capital Program (\$000)					Beyond 6 Years
					FY2012	FY2013	FY2014	FY2015	FY2016	
\$1,760,566	Construction	\$1,800,566	\$545,566	\$190,000	\$213	\$213	\$213	\$213	\$213	
\$109,193	Overhead	\$111,318	\$41,318	\$10,000	\$12	\$12	\$12	\$12	\$12	
\$1,869,759	Total	\$1,911,884	\$586,884	\$200,000	\$225	\$225	\$225	\$225	\$225	
More (Less) Than Prior Year Program:		\$42,125	(\$157,875)	(\$25,000)	\$0	\$0	\$0	\$0	\$225	Multi-Yr

H479200 Traffic Signal Mod

Class: Traffic Control

FY2011 Council Approved

Project Status

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Modifications of traffic signals and equipment at various locations.
3. Action Required To Complete This Project: Multi-Year

Change from Prior Year

1. Change In Name Or Description: None
2. Change In Total Project Cost: Reduced Funding in FY 11 and Added FY16 Funding
3. Change In Scope: None
4. Change In Timing: None

Estimated Operating Budget Impact: Potential savings/cost avoidance

Initial Total Project Cost Estimate

FY 1999 \$300,000

Financial Activity

	Expended	Encumbered	Total
April 1, 2009	\$372,341	\$146,999	\$519,340
April 1, 2010	\$381,506	\$167,973	\$549,479

Planning Advisory Board Recommendation

The PAB Recommendation is identical to the County Executive's Proposal.

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2011	Capital Program (\$000)					Beyond 6 Years
					FY2012	FY2013	FY2014	FY2015	FY2016	
\$1,869,759	General County Bonds	\$1,911,884	\$586,884	\$200,000	\$225	\$225	\$225	\$225	\$225	
\$0	General Fund PayGo	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
\$1,869,759	Total	\$1,911,884	\$586,884	\$200,000	\$225	\$225	\$225	\$225	\$225	
More (Less) Than Prior Year Program:		\$42,125	(\$157,875)	(\$25,000)	\$0	\$0	\$0	\$0	\$225	Multi-Yr

H479300 State Highway Proj

Class: Traffic Control

FY2011 Council Approved

Description

This project permits the County to participate in the construction of traffic control equipment at State/County intersections. The County share of these construction projects is directly proportional to its ownership of the number of approach roads to the intersections.

The State owns, operates and maintains the traffic signals at State/County intersections and the county pays all energy charges.

This project will require funding beyond the program.

Benefit

Increased public safety.

Amendment History

Prior approval has been adjusted to show the combination of H4680, State Hghwy Proj 98. Prior approval has been adjusted to show the closing of jobs on this project. County Council deleted \$100k of prior approved funds via amendment #21 to Bill 35-06.

Location

Countywide

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2011	Capital Program (\$000)					Beyond 6 Years
					FY2012	FY2013	FY2014	FY2015	FY2016	
\$774,831	Construction	\$753,342	\$278,342	\$0	\$95	\$95	\$95	\$95	\$95	
\$49,357	Overhead	\$48,229	\$23,229	\$0	\$5	\$5	\$5	\$5	\$5	
\$824,188	Total	\$801,571	\$301,571	\$0	\$100	\$100	\$100	\$100	\$100	
More (Less) Than Prior Year Program:		(\$22,617)	(\$22,617)	(\$100,000)	\$0	\$0	\$0	\$0	\$100	Multi-Yr

H479300 State Highway Proj

Class: Traffic Control

FY2011 Council Approved

Project Status

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Construction at various State/County intersections.
3. Action Required To Complete This Project: Multi-Year

Change from Prior Year

1. Change In Name Or Description: None
2. Change In Total Project Cost: Reduced Funding in FY 11 and Added FY16 Funding
3. Change In Scope: None
4. Change In Timing: None

Estimated Operating Budget Impact: Indeterminate

Initial Total Project Cost Estimate

FY 1999 \$640,000

Financial Activity

	Expended	Encumbered	Total
April 1, 2009	\$26,600	\$82,217	\$108,817
April 1, 2010	\$25,636	\$61,693	\$87,330

Planning Advisory Board Recommendation

PAB recommendation does not fully fund this project.

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2011	Capital Program (\$000)					Beyond 6 Years
					FY2012	FY2013	FY2014	FY2015	FY2016	
\$800,000	General County Bonds	\$790,799	\$290,799	\$0	\$100	\$100	\$100	\$100	\$100	
\$24,188	General Fund PayGo	\$10,772	\$10,772	\$0	\$0	\$0	\$0	\$0	\$0	
\$824,188	Total	\$801,571	\$301,571	\$0	\$100	\$100	\$100	\$100	\$100	
More (Less) Than Prior Year Program:		(\$22,617)	(\$22,617)	(\$100,000)	\$0	\$0	\$0	\$0	\$100	Multi-Yr

H479400 New Traffic Signals

Class: Traffic Control

FY2011 Council Approved

Description

This project will fund the construction of new traffic control equipment on County roadways. This project also includes the construction of new Intelligent Transportation Systems (ITS) such as video detection and monitoring, automated count stations and communication systems to coordinate signals.

This project will require funding beyond the program.

Benefit

Increased public safety.

Amendment History

Prior approval was increased by \$183k in Council Bill #75-98. Prior approval has been adjusted to show the combination of H4682, New Traffic Sig 98. Prior approval has been adjusted to show the closing of jobs on this project.

Location

Countywide

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2011	Capital Program (\$000)					Beyond 6 Years
					FY2012	FY2013	FY2014	FY2015	FY2016	
\$220,063	Plans and Engineering	\$230,063	\$140,063	\$10,000	\$16	\$16	\$16	\$16	\$16	
\$12,000	Land	\$13,000	\$7,000	\$1,000	\$1	\$1	\$1	\$1	\$1	
\$2,342,485	Construction	\$2,390,155	\$844,155	\$201,000	\$269	\$269	\$269	\$269	\$269	
\$130,054	Overhead	\$135,004	\$52,004	\$13,000	\$14	\$14	\$14	\$14	\$14	
\$113,000	Other	\$113,000	\$113,000	\$0	\$0	\$0	\$0	\$0	\$0	
\$2,817,602	Total	\$2,881,222	\$1,156,222	\$225,000	\$300	\$300	\$300	\$300	\$300	
More (Less) Than Prior Year Program:		\$63,620	(\$161,380)	(\$75,000)	\$0	\$0	\$0	\$0	\$300	Multi-Yr

H479400 New Traffic Signals

Class: Traffic Control

FY2011 Council Approved

Project Status

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Various Signal Designs as Identified; Implementation of Various ITS Projects including Speed Warning Flashers, Video Monitoring and Detection
3. Action Required To Complete This Project: Multi-Year

Change from Prior Year

1. Change In Name Or Description: None
2. Change In Total Project Cost: Reduced Funding in FY 11 and Added FY16 Funding
3. Change In Scope: None
4. Change In Timing: None

Estimated Operating Budget Impact: Less than \$100,000 per year

Initial Total Project Cost Estimate

FY 1999 \$1,800,000

Financial Activity

Expended	Encumbered	Total	
April 1, 2009	\$560,032	\$194,521	\$754,554
April 1, 2010	\$638,430	\$424,835	\$1,063,265

Planning Advisory Board Recommendation

The PAB Recommendation is identical to the County Executive's Proposal.

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2011	Capital Program (\$000)					Beyond 6 Years
					FY2012	FY2013	FY2014	FY2015	FY2016	
\$2,704,602	General County Bonds	\$2,768,222	\$1,043,222	\$225,000	\$300	\$300	\$300	\$300	\$300	
	Other Fed Grants	\$113,000	\$0	\$113,000	\$0	\$0	\$0	\$0	\$0	
\$113,000	Other State Grants	\$0	\$113,000	(\$113,000)	\$0	\$0	\$0	\$0	\$0	
\$2,817,602	Total	\$2,881,222	\$1,156,222	\$225,000	\$300	\$300	\$300	\$300	\$300	
More (Less) Than Prior Year Program:		\$63,620	(\$161,380)	(\$75,000)	\$0	\$0	\$0	\$0	\$300	Multi-Yr

H479500 Nghbrhd Traf Con

Class: Traffic Control

FY2011

Council Approved

Description

Funds are requested to construct various traffic calming devices on neighborhood streets in order to control traffic speeds. Installation of these devices will be undertaken after discussion with the community. This project has become more popular in communities as new traffic control methods are tested and approved for County use.

This project will require funding beyond the program.

Benefit

Increased public safety.

Amendment History

Prior approval has been adjusted to show the combination of H4677, Nghbrhd Trffc Con 98.
Prior approval has been adjusted to show the closing of jobs on this project.

Location

Countywide

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2011	Capital Program (\$000)					Beyond 6 Years
					FY2012	FY2013	FY2014	FY2015	FY2016	
\$2,031,356	Construction	\$1,931,356	\$836,356	(\$100,000)	\$239	\$239	\$239	\$239	\$239	
\$102,824	Overhead	\$102,824	\$47,824	\$0	\$11	\$11	\$11	\$11	\$11	
\$2,134,180	Total	\$2,034,180	\$884,180	(\$100,000)	\$250	\$250	\$250	\$250	\$250	
More (Less) Than Prior Year Program:		(\$100,000)	\$0	(\$350,000)	\$0	\$0	\$0	\$0	\$250	Multi-Yr

H479500 Nghborhd Traf Con

Class: Traffic Control

FY2011 Council Approved

Project Status

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Construction of various traffic calming devices
3. Action Required To Complete This Project: Multi-Year

Change from Prior Year

1. Change In Name Or Description: None
2. Change In Total Project Cost: Reduced Funding in FY 11 and Added FY16 Funding
3. Change In Scope: None
4. Change In Timing: None

Estimated Operating Budget Impact: Less than \$100,000 per year

Initial Total Project Cost Estimate

FY 1999 \$1,200,000

Financial Activity

	Expended	Encumbered	Total
April 1, 2009	\$266,031	\$299,010	\$565,041
April 1, 2010	\$434,449	\$298,394	\$732,843

Planning Advisory Board Recommendation

The PAB Recommendation is identical to the County Executive's Proposal.

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2011	Capital Program (\$000)					Beyond 6 Years
					FY2012	FY2013	FY2014	FY2015	FY2016	
\$2,134,180	General Fund PayGo	\$2,034,180	\$884,180	(\$100,000)	\$250	\$250	\$250	\$250	\$250	
\$2,134,180	Total	\$2,034,180	\$884,180	(\$100,000)	\$250	\$250	\$250	\$250	\$250	
More (Less) Than Prior Year Program:		(\$100,000)	\$0	(\$350,000)	\$0	\$0	\$0	\$0	\$250	Multi-Yr

H542100 New Streetlighting

Class: Traffic Control

FY2011 Council Approved

Description

This project will be used to fund the installation of new streetlights to improve safety and reduce crime. Streetlights will be installed at locations identified by the Police Department.

This project will require funding beyond the program.

Location

Countywide

Benefit

To improve safety and reduce crime by improving levels of illumination at specific problem locations identified by the Police Department.

Amendment History

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2011	Capital Program (\$000)					Beyond 6 Years
					FY2012	FY2013	FY2014	FY2015	FY2016	
\$1,134,000	Construction	\$1,090,000	\$664,000	\$71,000	\$71	\$71	\$71	\$71	\$71	
\$66,000	Overhead	\$60,000	\$36,000	\$4,000	\$4	\$4	\$4	\$4	\$4	
\$1,200,000	Total	\$1,150,000	\$700,000	\$75,000	\$75	\$75	\$75	\$75	\$75	
More (Less) Than Prior Year Program:		(\$50,000)	\$0	(\$25,000)	(\$25)	(\$25)	(\$25)	(\$25)	\$75	Multi-Yr

H542100 New Streetlighting

Class: Traffic Control

FY2011 Council Approved

Project Status

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Street light installation at various locations.
3. Action Required To Complete This Project: Multi-Year

Change from Prior Year

1. Change in Name or Description: None
2. Change in Total Project Cost: Reduced Annual Request; Added FY16 Funding
3. Change in Scope: None
4. Change in Timing: None

Estimated Operating Budget Impact: Less than \$100,000 per year

Initial Total Project Cost Estimate

FY 2008 \$1,800,000

Financial Activity

	Expended	Encumbered	Total
April 1, 2009	\$228,165	\$363,216	\$591,381
April 1, 2010	\$441,848	\$245,490	\$687,338

Planning Advisory Board Recommendation

The PAB Recommendation is identical to the County Executive's Proposal.

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2011	Capital Program (\$000)					Beyond 6 Years
					FY2012	FY2013	FY2014	FY2015	FY2016	
\$1,200,000	General Fund PayGo	\$1,150,000	\$700,000	\$75,000	\$75	\$75	\$75	\$75	\$75	
\$1,200,000	Total	\$1,150,000	\$700,000	\$75,000	\$75	\$75	\$75	\$75	\$75	
More (Less) Than Prior Year Program:		(\$50,000)	\$0	(\$25,000)	(\$25)	(\$25)	(\$25)	(\$25)	\$75	Multi-Yr