

COMMUNITY INVESTMENT PLAN FOR FISCAL YEARS 2007 TO 2012

Adopted

| | Fiscal Year | | | | | | Prior Allocation | Balance to Complete | Total Project Cost |
|---|------------------|------------------|------------------|------------------|------------------|------------------|--------------------|---------------------|--------------------|
| | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | | | |
| BRIDGES: | | | | | | | | | |
| Babylon Road over Silver Run | \$0 | \$0 | \$0 | \$0 | \$135,000 | \$0 | \$0 | \$847,870 | \$982,870 |
| Bollinger Road over Beaver Run | 90,000 | 0 | 398,000 | 0 | 0 | 0 | 0 | 0 | 488,000 |
| Bridge Inspection and Inventory | 33,000 | 0 | 37,000 | 0 | 40,000 | 0 | 0 | 0 | 110,000 |
| Bridge Maintenance and Structural Repairs | 33,000 | 35,000 | 37,000 | 38,000 | 40,000 | 42,000 | 0 | 0 | 225,000 |
| Cleaning and Painting of Existing Bridge Structural Steel | 33,000 | 35,000 | 37,000 | 38,000 | 40,000 | 42,000 | 0 | 0 | 225,000 |
| Falls Road over Indian Run | 90,000 | 412,000 | 0 | 0 | 0 | 0 | 0 | 0 | 502,000 |
| Grand Valley Road over unnamed stream | 0 | 90,000 | 0 | 403,000 | 0 | 0 | 0 | 0 | 493,000 |
| Greenmount Church Road over East Murphy Run | 187,000 | 0 | 0 | 0 | 0 | 0 | 586,300 | 0 | 773,300 |
| Hughes Shop Road over Bear Branch | 0 | 0 | 0 | 0 | 0 | 145,000 | 0 | 1,401,530 | 1,546,530 |
| McKinstry's Mill Road over Sam's Creek | 0 | 0 | 0 | 0 | 135,000 | 0 | 0 | 780,500 | 915,500 |
| Niner Road over Middle Run | 0 | 0 | 0 | 0 | 120,000 | 0 | 0 | 557,260 | 677,260 |
| Silver Run Valley Road over Big Silver Run | 0 | 204,000 | 0 | 0 | 0 | 0 | 586,300 | 0 | 790,300 |
| BRIDGES TOTAL | \$466,000 | \$776,000 | \$509,000 | \$479,000 | \$510,000 | \$229,000 | \$1,172,600 | \$3,587,160 | \$7,728,760 |
| SOURCES OF FUNDING: | | | | | | | | | |
| Transfer from General Fund | \$99,000 | \$70,000 | \$111,000 | \$76,000 | \$120,000 | \$84,000 | \$0 | \$0 | \$560,000 |
| Bonds | 146,000 | 543,000 | 80,000 | 403,000 | 182,000 | 33,000 | 242,520 | 1,163,240 | 2,792,760 |
| Federal Highway/Bridge | 221,000 | 163,000 | 318,000 | 0 | 208,000 | 112,000 | 930,080 | 2,423,920 | 4,376,000 |
| BRIDGES TOTAL | \$466,000 | \$776,000 | \$509,000 | \$479,000 | \$510,000 | \$229,000 | \$1,172,600 | \$3,587,160 | \$7,728,760 |

Public Works Summary

COMMUNITY INVESTMENT PLAN FOR FISCAL YEARS 2007 TO 2012

| | Fiscal Year | | | | | | Prior Allocation | Balance to Complete | Total Project Cost |
|----------------------------|--------------------|---------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------------|---------------------|
| | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | | | |
| PUBLIC WORKS | | | | | | | | | |
| Roads | \$8,176,000 | \$9,743,400 | \$6,769,600 | \$8,115,700 | \$9,003,600 | \$9,663,800 | \$5,172,140 | \$30,023,434 | \$86,667,674 |
| Bridges | 466,000 | 776,000 | 509,000 | 479,000 | 510,000 | 229,000 | 1,172,600 | 3,587,160 | 7,728,760 |
| PUBLIC WORKS TOTAL | \$8,642,000 | \$10,519,400 | \$7,278,600 | \$8,594,700 | \$9,513,600 | \$9,892,800 | \$6,344,740 | \$33,610,594 | \$94,396,434 |
| SOURCES OF FUNDING | | | | | | | | | |
| Transfer from General Fund | \$132,000 | \$105,000 | \$147,000 | \$114,000 | \$160,000 | \$84,000 | \$0 | \$0 | \$742,000 |
| Property Tax | 1,968,000 | 2,277,000 | 2,608,000 | 2,962,000 | 2,213,000 | 2,390,000 | 0 | 0 | 14,418,000 |
| Bonds | 6,145,000 | 7,798,400 | 4,029,600 | 5,342,700 | 6,756,600 | 7,130,800 | 5,414,660 | 31,186,674 | 73,804,434 |
| Highway Administration | 176,000 | 176,000 | 176,000 | 176,000 | 176,000 | 176,000 | 0 | 0 | 1,056,000 |
| Federal Highway/Bridge | 221,000 | 163,000 | 318,000 | 0 | 208,000 | 112,000 | 930,080 | 2,423,920 | 4,376,000 |
| PUBLIC WORKS TOTAL | \$8,642,000 | \$10,519,400 | \$7,278,600 | \$8,594,700 | \$9,513,600 | \$9,892,800 | \$6,344,740 | \$33,610,594 | \$94,396,434 |

Bollinger Road over Beaver Run

Deborah Effingham, Senior Budget Analyst (410) 386-2082

8239

Functional Classification: Minor Collector

Average Daily Traffic: 1,624

Bridge No.: CL 407

This project, located near the Finksburg area, provides funding to replace the existing Acrow panel truss bridge with a new structure. Several of the bridge supports show section loss, resulting in posted weight limits. Continued deterioration could result in further weight limit restrictions or closure. The new structure type will be determined during the preliminary engineering phase.

| | FY 07 | FY 08 | FY 09 | FY 10 | FY 11 | FY 12 | Prior Allocation | Balance to Complete | Total Project Cost |
|------------------------------------|---------------|----------|----------------|----------|----------|----------|------------------|---------------------|--------------------|
| Engineering/Design | 85,000 | | | | | | | | 85,000 |
| Land Acquisition | 5,000 | | | | | | | | 5,000 |
| Site Work | | | 33,000 | | | | | | 33,000 |
| Construction | | | 329,000 | | | | | | 329,000 |
| Equipment/Furnishings | | | | | | | | | 0 |
| Other | | | 36,000 | | | | | | 36,000 |
| EXPENDITURES | | | | | | | | | |
| TOTAL | 90,000 | 0 | 398,000 | 0 | 0 | 0 | 0 | 0 | 488,000 |
| SOURCES OF FUNDS | | | | | | | | | |
| Transfer from General Fund | | | | | | | | | 0 |
| Bonds | 18,000 | | 80,000 | | | | | | 98,000 |
| Federal Highway/Bridge | 72,000 | | 318,000 | | | | | | 390,000 |
| PROJECTED OPERATING IMPACTS | 0 | 0 | 0 | 0 | 0 | 0 | | | |

Bridge Inspection and Inventory

Deborah Effingham, Senior Budget Analyst (410) 386-2082

9684

This on-going project provides funding for the inspection of fourteen small structures, where the cost of inspection does not qualify for Federal funds. The fourteen small structures are inspected on the same two-year cycle as the 132 major County-owned and maintained structures. This inspection program maintains our compliance with the Federal National Bridge Inspection Program. The inspection process includes biennial field inspections, as well as completion and submission of inspection reports to the County and State. The State Highway Administration is responsible for monitoring compliance with Federal guidelines and the inspections are performed by State Highway Administration Inspectors. Additional funding for inflation has been added to each planned allocation.

| | FY 07 | FY 08 | FY 09 | FY 10 | FY 11 | FY 12 | Prior Allocation | Balance to Complete | Total Project Cost |
|------------------------------------|---------------|----------|---------------|----------|---------------|----------|------------------|---------------------|--------------------|
| Engineering/Design | 33,000 | | 37,000 | | 40,000 | | | | 110,000 |
| Land Acquisition | | | | | | | | | 0 |
| Site Work | | | | | | | | | 0 |
| Construction | | | | | | | | | 0 |
| Equipment/Furnishings | | | | | | | | | 0 |
| Other | | | | | | | | | 0 |
| EXPENDITURES | | | | | | | | | |
| TOTAL | 33,000 | 0 | 37,000 | 0 | 40,000 | 0 | 0 | 0 | 110,000 |
| SOURCES OF FUNDS | | | | | | | | | |
| Transfer from General Fund | 33,000 | | 37,000 | | 40,000 | | | | 110,000 |
| Bonds | | | | | | | | | 0 |
| Federal Highway/Bridge | | | | | | | | | 0 |
| PROJECTED OPERATING IMPACTS | 0 | 0 | 0 | 0 | 0 | 0 | | | |

Cleaning and Painting of Existing Bridge Structural Steel

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9686

This on-going project provides funding for cleaning and painting of existing structural steel. Cleaning and painting slows deterioration and extends the useful life of structural steel. Based on the 2003 bridge inspection reports, the following structures will be evaluated for painting needs.

- CL232 Traceys Mill Road over South Branch Gunpowder Falls
- CL264 Hughes Shop Road over Bear Branch
- CL269 Carrollton Road over West Branch Patapsco River
- CL359 Carrollton Road over East Branch Patapsco River
- CL360 Carrollton Road over Deep Run
- CL343 Kays Mill Road over Beaver Run

| | FY 07 | FY 08 | FY 09 | FY 10 | FY 11 | FY 12 | Prior Allocation | Balance to Complete | Total Project Cost |
|------------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|------------------|---------------------|--------------------|
| Engineering/Design | | | | | | | | | 0 |
| Land Acquisition | | | | | | | | | 0 |
| Site Work | | | | | | | | | 0 |
| Construction | 33,000 | 35,000 | 37,000 | 38,000 | 40,000 | 42,000 | | | 225,000 |
| Equipment/Furnishings | | | | | | | | | 0 |
| Other | | | | | | | | | 0 |
| EXPENDITURES | | | | | | | | | |
| TOTAL | 33,000 | 35,000 | 37,000 | 38,000 | 40,000 | 42,000 | 0 | 0 | 225,000 |
| SOURCES OF FUNDS | | | | | | | | | |
| Transfer from General Fund | 33,000 | 35,000 | 37,000 | 38,000 | 40,000 | 42,000 | | | 225,000 |
| Bonds | | | | | | | | | 0 |
| Federal Highway/Bridge | | | | | | | | | 0 |
| PROJECTED OPERATING IMPACTS | 0 | 0 | 0 | 0 | 0 | 0 | | | |

Falls Road over Indian Run

Deborah Effingham, Senior Budget Analyst (410) 386-2082

8240

Functional Classification: Local

Average Daily Traffic: 1,959

Bridge No.: CL 382

This project, located near the Carroll/Baltimore County line east of Manchester, provides funding to replace the deteriorated small structure. The 2003 bridge inspection indicated the concrete deck is hollow sounding and spalled, the existing traffic barrier system is substandard, and the masonry stone abutments and wingwalls show cracking, bulging, missing mortar, and undermining. The new structure type will be determined during the preliminary engineering phase.

| | FY 07 | FY 08 | FY 09 | FY 10 | FY 11 | FY 12 | Prior Allocation | Balance to Complete | Total Project Cost |
|------------------------------------|---------------|----------------|----------|----------|----------|----------|------------------|---------------------|--------------------|
| Engineering/Design | 85,000 | | | | | | | | 85,000 |
| Land Acquisition | 5,000 | | | | | | | | 5,000 |
| Site Work | | 34,000 | | | | | | | 34,000 |
| Construction | | 340,000 | | | | | | | 340,000 |
| Equipment/Furnishings | | | | | | | | | 0 |
| Other | | 38,000 | | | | | | | 38,000 |
| EXPENDITURES | | | | | | | | | |
| TOTAL | 90,000 | 412,000 | 0 | 0 | 0 | 0 | 0 | 0 | 502,000 |
| SOURCES OF FUNDS | | | | | | | | | |
| Transfer from General Fund | | | | | | | | | 0 |
| Bonds | 90,000 | 412,000 | | | | | | | 502,000 |
| Federal Highway/Bridge | | | | | | | | | 0 |
| PROJECTED OPERATING IMPACTS | 0 | 0 | 0 | 0 | 0 | 0 | | | |

Grand Valley Road over unnamed stream

Deborah Effingham, Senior Budget Analyst (410) 386-2082

Proj. #

Functional Classification: Local

Average Daily Traffic: 430

Bridge No.: CL 394

This project, located in north central Carroll County near the Pennsylvania line, provides planned funding to replace the deteriorated small structure. The 2003 bridge inspection revealed a rapid deterioration of the existing structural steel, which is exhibiting extreme corrosion and many areas of 100% section loss, resulting in weight limit restrictions. Continued deterioration could result in further weight limit restrictions or closure. Heavier cracking of the mortar and missing stones are evident in the stone abutments. The new structure type will be determined during the preliminary engineering phase.

| | FY 07 | FY 08 | FY 09 | FY 10 | FY 11 | FY 12 | Prior Allocation | Balance to Complete | Total Project Cost |
|------------------------------------|----------|---------------|----------|----------------|----------|----------|------------------|---------------------|--------------------|
| Engineering/Design | | 85,000 | | | | | | | 85,000 |
| Land Acquisition | | 5,000 | | | | | | | 5,000 |
| Site Work | | | | 33,000 | | | | | 33,000 |
| Construction | | | | 333,000 | | | | | 333,000 |
| Equipment/Furnishings | | | | | | | | | 0 |
| Other | | | | 37,000 | | | | | 37,000 |
| EXPENDITURES | | | | | | | | | |
| TOTAL | 0 | 90,000 | 0 | 403,000 | 0 | 0 | 0 | 0 | 493,000 |
| SOURCES OF FUNDS | | | | | | | | | |
| Transfer from General Fund | | | | | | | | | 0 |
| Bonds | | 90,000 | | 403,000 | | | | | 493,000 |
| Federal Highway/Bridge | | | | | | | | | 0 |
| PROJECTED OPERATING IMPACTS | 0 | 0 | 0 | 0 | 0 | 0 | | | |

Greenmount Church Road over East Murphy Run

Deborah Effingham, Senior Budget Analyst (410) 386-2082

8031

Functional Classification: Local

Average Daily Traffic:

Bridge No.: CL 385

This project, located near Hampstead, involves the replacement of the temporary acrow panel bridge with a new structure. The temporary acrow panel structure is currently in poor condition with heavy section loss of many of the steel members. The new structure will be designed to carry the current legal loads on a two-lane structure. This project qualifies for federal aid funds that will cover 80 percent of the engineering, inspection and construction costs.

Additional funding is appropriated in FY 07 to address the rising construction costs of today's market.

| | FY 07 | FY 08 | FY 09 | FY 10 | FY 11 | FY 12 | Prior Allocation | Balance to Complete | Total Project Cost |
|------------------------------------|----------------|----------|----------|----------|----------|----------|------------------|---------------------|--------------------|
| Engineering/Design | | | | | | | 120,000 | | 120,000 |
| Land Acquisition | | | | | | | 5,000 | | 5,000 |
| Site Work | | | | | | | 31,850 | | 31,850 |
| Construction | 187,000 | | | | | | 388,500 | | 575,500 |
| Equipment/Furnishings | | | | | | | | | 0 |
| Other | | | | | | | 40,950 | | 40,950 |
| EXPENDITURES | | | | | | | | | |
| TOTAL | 187,000 | 0 | 0 | 0 | 0 | 0 | 586,300 | 0 | 773,300 |
| SOURCES OF FUNDS | | | | | | | | | |
| Transfer from General Fund | | | | | | | | | 0 |
| Bonds | 38,000 | | | | | | 121,260 | | 159,260 |
| Federal Highway/Bridge | 149,000 | | | | | | 465,040 | | 614,040 |
| PROJECTED OPERATING IMPACTS | 0 | 0 | 0 | 0 | 0 | 0 | | | |

Silver Run Valley Road over Big Silver Run

Deborah Effingham, Senior Budget Analyst (410) 386-2082

Proj #

Functional Classification: Local
 Average Daily Traffic: 511
 Bridge No.: CL 273

This project, located in northern Carroll County, involves the replacement of the temporary acrow panel bridge with a new structure. The temporary acrow panel structure is currently in fair condition, with heavy section loss of many of the steel members. The new structure will be designed to carry the current legal loads on a two-lane structure. This project qualifies for federal aid funds that will cover 80 percent of the engineering, inspection and construction costs.

Additional funding is requested in FY 08 to address the rising construction costs of today's market.

| | FY 07 | FY 08 | FY 09 | FY 10 | FY 11 | FY 12 | Prior Allocation | Balance to Complete | Total Project Cost |
|------------------------------------|----------|----------------|----------|----------|----------|----------|------------------|---------------------|--------------------|
| Engineering/Design | | | | | | | 120,000 | | 120,000 |
| Land Acquisition | | | | | | | 5,000 | | 5,000 |
| Site Work | | | | | | | 31,850 | | 31,850 |
| Construction | | 204,000 | | | | | 388,500 | | 592,500 |
| Equipment/Furnishings | | | | | | | | | 0 |
| Other | | | | | | | 40,950 | | 40,950 |
| EXPENDITURES | | | | | | | | | |
| TOTAL | 0 | 204,000 | 0 | 0 | 0 | 0 | 586,300 | 0 | 790,300 |
| SOURCES OF FUNDS | | | | | | | | | |
| Transfer from General Fund | | | | | | | | | 0 |
| Bonds | | 41,000 | | | | | 121,260 | | 162,260 |
| Federal Highway/Bridge | | 163,000 | | | | | 465,040 | | 628,040 |
| PROJECTED OPERATING IMPACTS | 0 | 0 | 0 | 0 | 0 | 0 | | | |