

**D FUND CAPITAL PROJECTS:
Public Works**

Albany County/Town of Coeymans Bridge Replacement

Joint partnership with the Town of Coeymans for the replacement of two Town bridges, along with the replacement of two County bridges. These bridges are programmed for federal funding on CDTC's Transportation Improvement Program (TIP). The two County bridges (Dunbar Hollow over the Hannacrois in Westerlo and Jericho Road over the Dowers Kill in Bethlehem) and one Town bridge (Old Ravena Road South Crossing) over CSX have been completed. The remaining Town bridge (Old Ravena Road North Crossing) over CSX will be replaced by the end of 2009.

Existing Project: Change in schedule and cost

Project Financing (in millions of dollars)

Year	Pre-2008	2008	2009	2010	2011	2012	2013	Total
Appropriation	-	-	-	-	-	-	-	-
County Bonds	0.075	-	-	-	-	-	-	0.075
Federal	6.000		3.510	-	-	-	-	9.510
State	1.126		0.658	-	-	-	-	1.784
Other: Town of Coeymans	0.299		0.219	-	-	-	-	0.518
Total Cost	7.500	-	4.387	-	-	-		11.887

Albany-Shaker/Maxwell Roads Intersection Relocation Project

The intersection of Albany-Shaker Road (CR 151) and Maxwell Road (Town road) in the Town of Colonie is being relocated to the east because of congestion at the Albany-Shaker/Wolf Roads intersection further west. The project is part of the Capital District Transportation Committee, Transportation Improvement Program and is administered by the NYS DOT. The project has been delayed by the U.S. Army Corps of Engineers approval.

Existing Project: Change in schedule and cost

Project Financing (in millions of dollars)

Year	Pre-2008	2008	2009	2010	2011	2012	2013	Total
Appropriation	-	-	-	-	-	-	-	-
County Bonds	0.076	-	0.150	-	-	-	-	0.226
Federal	-	0.442	4.000	-	-	-	-	4.442
State	0.456	0.083	0.750	-	-	-	-	1.289
Other	0.076	0.028	0.700	-	-	-	-	0.804
Total Cost	0.608	0.553	5.600	-	-	-	-	6.761

**D FUND CAPITAL PROJECTS:
Public Works**

Highway Pavement Recycling Projects

Rehabilitation of several lane miles of County highways by recycling pavement, re-establishing sub-base and repaving entire road. This pavement process is a very cost effective method of rehabilitating certain low traffic volume, rural County roads.

Existing Project: Change in schedule

Project Financing (in millions of dollars)

Year	Pre-2008	2008	2009	2010	2011	2012	2013	Total
Appropriation	-	-	-	-	-	-	-	-
County Bonds	-	-	0.750	0.750	0.750	0.750	0.750	3.750
Federal	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-
Total Cost	-	-	0.750	0.750	0.750	0.750	0.750	3.750

CR 53 (Jericho Road) Over the CSX Railroad Bridge Replacement Project

Replacement of a 1,135 feet long x 28 feet wide, steel bridge over the CSX Rail Yards in the Town of Bethlehem. The bridge was built in 1923, and its NYS DOT rating is currently at the minimum acceptable level. The NYS DOT rating is expect to decrease despite continued maintenance and repairs. The bridge is well beyond its useful life.

Amended Project: Change in schedule and cost

Project Financing (in millions of dollars)

Year	Pre-2008	2008	2009	2010	2011	2012	2013	Total
Appropriation	-	-	-	-	-	-	-	-
County Bonds	0.214	0.330	0.410	-	-	-	-	0.954
Federal	0.856	5.280	-	6.560	-	-	-	12.696
State	-	0.990	-	1.230	-	-	-	2.220
Other	-	-	-	-	-	-	-	-
Total Cost	1.070	6.600	0.410	7.790	-	-	-	15.870

CR 203 (Normans/Kill/Johnston Roads) Rehabilitation Project

Rehabilitation of 4.0 miles of CR 203 in the Towns of Guilderland and New Scotland from SR 155 to US 20 (Western Avenue). The project includes pavement reconstruction, installation of new curbing and sidewalks, and improvements to drainage, bicycle and pedestrian facilities.

Existing Project

Project Financing (in millions of dollars)

Year	Pre-2008	2008	2009	2010	2011	2012	2013	Total
Appropriation	-	-	-	-	-	-	-	-
County Bonds	1.296	9.030	-	-	-	-	-	10.326
Federal	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-
Total Cost	1.296	9.030	-	-	-	-	-	10.326

**D FUND CAPITAL PROJECTS:
Public Works**

Helderburg-Hudson Rail Trail

The project would construct a bikeway on the abandoned Canadian Pacific Rail Line which runs from the Village of Voorheesville through the Towns of New Scotland and Bethlehem to the City of Albany. The project includes paving a 10 foot path, improving drainage, installing guide rail, rehabilitating bridges, signs, and constructing parking lots and access ways.

Amended Project: Change in schedule and cost

Project Financing (in millions of dollars)

Year	Pre-2008	2008	2009	2010	2011	2012	2013	Total
Appropriation	-	-	-	-	-	-	-	-
County Bonds	0.532	-	-	0.060	-	-	-	0.592
Federal	-	-	0.426	-	1.942	-	-	2.368
State	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-
Total Cost	0.532	-	0.426	0.060	1.942	-	-	2.960

CR 157, SR 155 Watervliet-Shaker Road (New Karner Road to Sand Creek Road)

This project is Phase 3 of the Watervliet-Shaker Road Realignment Project. The section of Watervliet-Shaker road included in this project extends from New Karner Road to Sand Creek Road. The project includes reconstruction and widening of approximately .75 miles of CR 157 which includes the addition of a turning lane, improvements to drainage and new pavement. The last phase will complete the Albany Shaker Road/Watervliet Shaker Road Airport Improvement started in 2001.

Existing Project: Change in schedule and cost

Project Financing (in millions of dollars)

Year	Pre-2008	2008	2009	2010	2011	2012	2013	Total
Appropriation	-	-	-	-	-	-	-	-
County Bonds	-	0.375	1.070	-	-	-	-	1.445
Federal	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Other	-	-	-	1.430	-	-	-	1.430
Total Cost	-	0.375	1.070	1.430	-	-	-	2.875

**D FUND CAPITAL PROJECTS:
Public Works**

CR 312 (Clarksville Road South) SR 443 to SR 143 Reconstruction Project								
The project includes partial and full depth reconstruction of 5.7 miles of 2-lane road in the Towns of New Scotland, Coeymans, and Westerlo between SR 443 and SR 143. Also includes improvements to open drainage system, culverts, road shoulders, traffic signs, and guide rail.								
Amended Project: Change in schedule and cost								
<i>Project Financing (in millions of dollars)</i>								
Year	Pre-2008	2008	2009	2010	2011	2012	2013	Total
Appropriation	-	-	-	-	-	-	-	-
County Bonds	-	-	6.878	-	-	-	-	6.878
Federal	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-
Total Cost	-	-	6.878	-	-	-	-	6.878

CR 312 (Clarksville South Road) Over Hannacrois Creek Bridge Replacement Project								
Replacement of a 34 feet long x 34 feet wide, twin concrete box culvert over the Hannacrois Creek in the Town of Westerlo. The bridge was built in 1950, and its NYS DOT rating is currently at the minimum acceptable level. The NYS DOT rating is expected to decrease despite continued maintenance and repairs. The bridge is well beyond its useful life.								
Amended Project: Change in cost								
<i>Project Financing (in millions of dollars)</i>								
Year	Pre-2008	2008	2009	2010	2011	2012	2013	Total
Appropriation	-	-	-	-	-	-	-	-
County Bonds	-	0.076	0.532	-	-	-	-	0.608
Federal	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-
Total Cost	-	0.076	0.532	-	-	-	-	0.608

**D FUND CAPITAL PROJECTS:
Public Works**

DPW Energy Efficiency Project								
The project includes replacement of current membrane roof of approximately 31,500 square feet with a new membrane roof. The current roof is over 25 years old and has deteriorated beyond repair. Also, the project will replace 5,700 square feet of existing single pane windows in our administration building and shop with new double pane energy efficient windows.								
Amended Project: Change in cost								
<i>Project Financing (in millions of dollars)</i>								
Year	Pre-2008	2008	2009	2010	2011	2012	2013	Total
Appropriation	-	-	-	-	-	-	-	-
County Bonds	-	-	1.051	-	-	-	-	1.051
Federal	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-
Total Cost	-	-	1.051	-	-	-	-	1.051

CR 156 (Fuller Road) Rehabilitation Project								
Rehabilitation of 1.70 miles of Fuller Road in the Towns of Guilderland and Colonie and the City of Albany from SR 5 (Central Avenue) to US 20 (Western Avenue). The project includes improvements to the existing closed drainage system, rehabilitation of existing concrete roadway and curbing, then an overlay of asphalt concrete on existing concrete. The project would also include improvements to the Washington Avenue/Fuller Road intersection and improve/upgrade existing bicycle and pedestrian facilities.								
Existing Project								
<i>Project Financing (in millions of dollars)</i>								
Year	Pre-2008	2008	2009	2010	2011	2012	2013	Total
Appropriation	-	-	-	-	-	-	-	-
County Bonds	2.006	-	10.032	-	-	-	-	12.038
Federal	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-
Total Cost	2.006	-	10.032	-	-	-	-	12.038

CR 156 (Fuller Road/Washington Avenue Extension) Intersection Project								
Reconstruct the existing intersection by constructing a modern 2-lane roundabout on the existing right-of-way. Reconstruct approaches; install curbs, concrete sidewalks, closed drainage systems, and street lighting. Improve bicycle and pedestrian access and landscaping.								
Existing Project: Change in schedule and cost								
<i>Project Financing (in millions of dollars)</i>								
Year	Pre-2008	2008	2009	2010	2011	2012	2013	Total
Appropriation	-	-	-	-	-	-	-	-
County Bonds	0.876	-	1.994	-	-	-	-	2.870
Federal	-	-	-	2.000	-	-	-	2.000
State	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-
Total Cost	0.876	-	1.994	2.000	-	-	-	4.870

**D FUND CAPITAL PROJECTS:
Public Works**

Grant Hill Road Over the Normans Kill Bridge Replacement Project

Replacement of an open steel grating, 141' two span bridge. NYS DOT rating on this bridge is currently below the acceptable level.

Amended Project: Change in schedule and cost

Project Financing (in millions of dollars)

Year	Pre-2008	2008	2009	2010	2011	2012	2013	Total
Appropriation	-	-	-	-	-	-	-	-
County Bonds	-	0.136	-	0.071	-	-	-	0.207
Federal	-	-	0.544	-	1.142	-	-	1.686
State	-	-	-	-	0.215	-	-	0.215
Other	-	-	-	-	-	-	-	-
Total Cost	-	0.136	0.544	0.071	1.357	-	-	2.108

CR 262 (Middle Road) Rehabilitation Project

The project includes partial full depth reconstruction along the roadway reclamation of approximately 4.6 miles of two lane road in the Town of Knox. Also includes improvements to open drainage system, culverts, road shoulders, traffic signs, and guide rail.

Amended Project: Change in schedule and cost

Project Financing (in millions of dollars)

Year	Pre-2008	2008	2009	2010	2011	2012	2013	Total
Appropriation	-	-	-	-	-	-	-	-
County Bonds	-	-	-	-	5.618	-	-	5.618
Federal	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	5.618	-	-	5.618

**D FUND CAPITAL PROJECTS:
Public Works**

CR 154 (Osborne Road) NY 5 to CR 151 Rehabilitation Project

The project includes milling and replacing of asphalt wearing course for approximately 1.9 miles of two lane road in the Town of Colonie. Also includes improvements to existing drainage structures and extending sidewalk to CR 151. Right-of-way will be required for the project.

Amended Project: Change in cost

Project Financing (in millions of dollars)

Year	Pre-2008	2008	2009	2010	2011	2012	2013	Total
Appropriation	-	-	-	-	-	-	-	-
County Bonds	-	-	0.420	2.625	-	-	-	3.045
Federal	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-
Total Cost	-	-	0.420	2.625	-	-	-	3.045

Pictuay Road Over Coeymans Creek Bridge Replacement Project

Replacement of a 68 feet long x 30 feet wide, pre-stressed concrete T-beam bridge over Coeymans Creek in the Town of Bethlehem. The bridge was built in 1963 and its NYS DOT rating is currently at the minimum acceptable level. The NYS DOT rating is expected to decrease despite continue maintenance repairs. The bridge is well beyond its useful life.

Existing Project: Change in schedule and cost

Project Financing (in millions of dollars)

Year	Pre-2008	2008	2009	2010	2011	2012	2013	Total
Appropriation	-	-	-	-	-	-	-	-
County Bonds	-	0.060	-	0.045	-	-	-	0.105
Federal	-	-	0.240	-	0.720	-	-	0.960
State	-	-	-	-	0.135	-	-	0.135
Other	-	-	-	-	-	-	-	-
Total Cost	-	0.060	0.240	0.045	0.855	-	-	1.200

Tan Hollow Road Over Hannacrois Creek Bridge Replacement Project

Replacement of a 34 feet long x 25 feet wide, reinforced concrete I-beam bridge over the Hannacrois Creek in the Town of Westerlo. The bridge was built in 1952, and its NYS DOT rating is currently at the minimum acceptable level. The NYS DOT rating is expected to decrease despite continued maintenance and repairs. The project also includes the realignment of 200 feet of the approach on each side of the bridge.

Amended Project: Change in cost

Project Financing (in millions of dollars)

Year	Pre-2008	2008	2009	2010	2011	2012	2013	Total
Appropriation	-	-	-	-	-	-	-	-
County Bonds	-	-	0.119	0.793	-	-	-	0.912
Federal	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-
Total Cost	-	-	0.119	0.793	-	-	-	0.912

**D FUND CAPITAL PROJECTS:
Public Works**

CR 153 Old Wolf Road Intersection and Highway Improvement Project

Reconstruct and widen .8 miles of existing two lane road to two 11 feet travel lanes, 12-16 feet left run medians, and 4 ft paved shoulders. Relocate/realign existing 5-legged intersection at Watervliet-Shaker Road to eliminate one leg and improve geometry. Install curbs, concrete sidewalks, closed drainage system and upgrade signs and signals. County share of Old Wolf, Old Niskayuna, Watervliet-Shaker Road NYS DOT Intersection Project.

Amended Project: Change in cost

Project Financing (in millions of dollars)

Year	Pre-2008	2008	2009	2010	2011	2012	2013	Total
Appropriation	-	-	-	-	-	-	-	-
County Bonds	-	-	0.900	3.100	-	-	-	4.000
Federal	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-
Total Cost	-	-	0.900	3.100	-	-	-	4.000

CR 55 (Creble Road) Over Vloman Kill Bridge Replacement Project

Slip line in place of a 45 feet long x 33 feet wide, three corrugated metal pipe bridge over Vloman Kill in the Town of Bethlehem. The bridge was built in 1976 and its NYS DOT rating is currently at the minimum acceptable level. The NYS DOT rating is expected to decrease despite continued maintenance and repairs. The bridge is well beyond its useful life.

Amended Project: Change in cost

Project Financing (in millions of dollars)

Year	Pre-2008	2008	2009	2010	2011	2012	2013	Total
Appropriation	-	-	-	-	-	-	-	-
County Bonds	-	-	-	0.064	0.425	-	-	0.489
Federal	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-
Total Cost	-	-	-	0.064	0.425	-	-	0.489

Groesbeck Road Over Onesquethaw Creek

The project includes replacement of deteriorated wooden deck and bridge rail with pre-cast concrete deck panels and new bridge railing. Also includes minor approach, abutment, and pier work.

Amended Project: Change in cost

Project Financing (in millions of dollars)

Year	Pre-2008	2008	2009	2010	2011	2012	2013	Total
Appropriation	-	-	-	-	-	-	-	-
County Bonds	-	-	-	0.058	0.378	-	-	0.436
Federal	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-
Total Cost	-	-	-	0.058	0.378	-	-	0.436

**D FUND CAPITAL PROJECTS:
Public Works**

CR 108 (Copeland Hill Road) Rehabilitation Project								
The project includes partial full depth reconstruction along with roadway reclamation of approximately 2.45 miles of two lane road in the Town of Coeymans. Also includes improvements to open drainage system, culverts, road shoulders, traffic signs, and guide rails.								
Amended Project: Change in schedule and cost								
<i>Project Financing (in millions of dollars)</i>								
Year	Pre-2008	2008	2009	2010	2011	2012	2013	Total
Appropriation	-	-	-	-	-	-	-	-
County Bonds	-	-	-	-	-	3.150	-	3.150
Federal	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	-	3.150	-	3.150

CR 152 (Old Niskayuna Road) Rehabilitation Project								
The project includes milling and replacing of asphalt wearing course for approximately 3.0 miles of two lane road in the Town of Colonie. Also includes improvements to existing drainage structures, culverts, open drainage ditches, and installation of concrete sidewalk along one side of the entire length of project.								
Amended Project: Change in cost								
<i>Project Financing (in millions of dollars)</i>								
Year	Pre-2008	2008	2009	2010	2011	2012	2013	Total
Appropriation	-	-	-	-	-	-	-	-
County Bonds	-	-	-	0.761	4.988	-	-	5.749
Federal	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-
Total Cost	-	-	-	0.761	4.988	-	-	5.749

CR 354 (Potter Hollow Road) and CR 362 (Scott Patent Road) Rehabilitation Project								
The project includes partial full depth reconstruction along with roadway reclamation of approximately 1.9 miles on CR 354 and 2.1 miles on CR 362 of two lane road in the Town of Rensselaerville. Also includes improvements to open drainage system, culverts, road shoulders, traffic signs, and guide rail.								
Amended Project: Change in schedule and cost								
<i>Project Financing (in millions of dollars)</i>								
Year	Pre-2008	2008	2009	2010	2011	2012	2013	Total
Appropriation	-	-	-	-	-	-	-	-
County Bonds	-	-	-	-	-	-	5.366	5.366
Federal	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	-	-	5.366	5.366

**D FUND CAPITAL PROJECTS:
Public Works**

CR 109 (Lawson Lake Road) Rehabilitation Project								
The project includes partial full depth reconstruction along with roadway reclamation of approximately 3.4 miles of two lane road in the Towns of New Scotland and Coeymans. Also includes improvements to open drainage system, culverts, road shoulders, traffic signs, and guide rail.								
Amended Project								
<i>Project Financing (in millions of dollars)</i>								
Year	Pre-2008	2008	2009	2010	2011	2012	2013	Total
Appropriation	-	-	-	-	-	-	-	-
County Bonds	-	-	-	-	0.684	4.620	-	5.304
Federal	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	0.684	4.620	-	5.304

Vehicle and Truck Replacement								
This project would replace heavy-duty trucks and equipment and light-duty pickup trucks and cars in accordance with our Department Vehicle and Equipment Replacement Plan.								
Amended Project: Change in schedule and cost								
<i>Project Financing (in millions of dollars)</i>								
Year	Pre-2008	2008	2009	2010	2011	2012	2013	Total
Appropriation	-	-	-	-	-	-	-	-
County Bonds	-	-	1.269	-	-	-	-	1.269
Federal	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-
Total Cost	-	-	1.269	-	-	-	-	1.269

Patroon Creek Trail Project								
The Patroon Creek Trail project would be a 6.5 mile pedestrian & bicycle path with off-road and on-road segments which would start at Fuller Road at Rensselaer Lake, follow the Patroon Creek, and end at the Mohawk Hudson Bike Path in the City of Albany. It would connect the Pine Bush area in the Town of Colonie to the Tivoli and Corning Preserves in the City of Albany, and would also connect many residential, commercial, institutional, and recreational facilities in Colonie and Albany. The project would include constructing a 4-meter wide paved path and drainage, and installing guide rail, fencing, and signs. For more information, see the October 2004 CDTC Patroon linkage report study on their website.								
New Project								
<i>Project Financing (in millions of dollars)</i>								
Year	Pre-2008	2008	2009	2010	2011	2012	2013	Total
Appropriation	-	-	-	-	-	-	-	-
County Bonds	-	-	0.823	0.250	2.387	-	-	3.460
Federal	-	-	-	-	-	2.500	-	2.500
State	-	-	-	-	-	0.350	-	0.350
Total Cost	-	-	0.823	0.250	2.387	2.850	-	6.310

D FUND CAPITAL PROJECTS:
Public Works

Public Works Capital Plan Summary								
New Projects	1							
Amended Projects	17							
Existing Projects	8							
Total Projects	26							
<i>Project Financing (in millions of dollars)</i>								
Year	Pre-2008	2008	2009	2010	2011	2012	2013	Total
Appropriation	-	-	-	-	-	-	-	-
County Bonds	5.075	10.007	26.398	8.577	15.230	8.520	6.116	79.923
Federal	6.856	5.722	8.720	8.560	3.804	2.500	-	36.162
State	1.582	1.073	1.408	1.230	0.350	0.350	-	5.993
Other	0.375	0.028	0.919	1.430	-	-	-	2.752
Total Cost	13.888	16.830	37.445	19.797	19.384	11.370	6.116	124.830

G FUND CAPITAL PROJECTS:
Sewer District

North & South Plant Mechanical Fine Screen Replacement								
<p>This project will replace the last two original, thirty four year old mechanical screens (one at each plant) to ensure the continued integrity of the waste water treatment process and avoid a potential violation of the District's SPDES permit. This project will begin in January 2009 and will be completed in June 2010 with a useful life of 30 years. The funding for this project will be financed through bond issue.</p>								
Amended Project: Change in schedule, source of funds and cost								
<i>Project Financing (in millions of dollars)</i>								
Year	Pre 2008	2008	2009	2010	2011	2012	2013	Total
Appropriation	-	-	0.590	0.590	-	-	-	1.180
County Bonds	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	-	-	-	1.180