

New Karner Road (NY 155) From US 20 to NY 5: Corridor Improvements

Project Number: D1103
 Project Status: New Existing 1 Amended

Affiliated Bond Account(s):

Amendment(s):

2023-2027 Push out start date and increase costs.

2024-2028 Increase costs and updated completion date.

The project involves pavement rehabilitation, safety improvements, signal timing updates and addition of complete streets components along New Karner Road (NY 155) from US 20 to Watervliet Shaker Road. Added the inclusion of a potential roundabout or diverging left at the Washington Ave Extension Intersection. and the costs are also included.

	Year	Pre 2023	2023	2024	2025	2026	2027	2028	Total
County		0.460	0.190	7.050					7.700
State Reimbursement									-
Federal Reimbursement		(0.368)	(0.152)	(5.640)					(6.160)
Other									-
Total County Cost		0.092	0.038	1.410	-	-	-	-	1.540

Vehicle and Truck Replacement

Project Number: D1104
 Project Status: New Existing 1 Amended

Affiliated Bond Account(s):

Amendment(s):

2022-2026 Add an additional year and update vehicle costs

2023-2027 Add an additional year and decrease costs

2024-2028 Add additional year to project.

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.

	Year	Pre 2023	2023	2024	2025	2026	2027	2028	Total
County		5.374	1.450	1.450	1.450	1.450	1.450	1.450	14.074
State Reimbursement									-
Federal Reimbursement									-
Other									-
Total County Cost		5.374	1.450	1.450	1.450	1.450	1.450	1.450	14.074

Traffic Sign Compliance Project

Project Number: D1201
 Project Status: New 1 Existing Amended

Affiliated Bond Account(s):

Amendment(s):

2023-2027 Added new end date.

This project will ensure that the County of Albany complies with Federal and State regulations contained in the national Manual on Uniform Traffic Control Devices and the New York State Supplement to the Manual on Uniform Traffic Control Devices, primarily regarding traffic sign retro reflectivity (night-time visibility). All regulatory, warning and guide signs other than street name signs must meet minimum requirements for retro reflectivity as they are replaced. There are close to 8,000 signs on County roadways, in various conditions.

	Year	Pre 2023	2023	2024	2025	2026	2027	2028	Total
County		0.790							0.790
State Reimbursement									-
Federal Reimbursement									-
Other									-
Total County Cost		0.790	-	-	-	-	-	-	0.790

DPW Facilities Assessment/Building/Salt Sheds/Fuel Monitoring System

Project Number: D1501
 Project Status: New 1 Existing Amended
 Affiliated Bond Account(s): HHRA
 Amendment(s):

2023-2027 Added fuel remediation project to this project.

This project is an assessment to determine the feasibility of renovation or replacement of DPW facilities, buildings, salt sheds, and the fuel monitoring system. (Will also explore shared services)

	Year	Pre 2023	2023	2024	2025	2026	2027	2028	Total
County		1.000		0.350	-				1.350
State Reimbursement									-
Federal Reimbursement									-
Other									-
Total County Cost		1.000	-	0.350	-	-	-	-	1.350

CR 404 / CR402 over Eight Mile Creek (BIN3369600) Box Culvert Replacement Project

Project Number: D1802
 Project Status: New 1 Existing Amended
 Affiliated Bond Account(s): HHSB
 Amendment(s):

2023-2027 Decreased costs.

These projects were previously listed separately in the capital plan. They were combined into one project in an effort to save on construction costs. Replacement of two deteriorated Culverts: CR404 between CR10 and Basic Lane and CR402 over 8 Mile Ck (BIN 3369300) in the Town of Westerlo. Minor approach work and new rail will be included in the project.

	Year	Pre 2023	2023	2024	2025	2026	2027	2028	Total
County		1.250	-						1.250
State Reimbursement									-
Federal Reimbursement									-
Other									-
Total County Cost		1.250	-	-	-	-	-	-	1.250

Gifford Hollow Rd. over Tributary to the Switzkill (BIN 3300960)

Project Number: D1804
 Project Status: New 1 Existing Amended
 Affiliated Bond Account(s): HHSB
 Amendment(s):

2022-2026 change construction completion date and construction cost.

Gifford Hollow Rd. over Tributary to the Switzkill Bridge Rehabilitation Project (BIN 3300960). Replacement of a 27' x 18' concrete box culvert located in the Town of Berne. The box culvert was built in 1932 and its NYSDOT rating is approaching the minimum acceptable level. The project also includes minor approach paving on each side of the structure along with new bridge rail.

	Year	Pre 2023	2023	2024	2025	2026	2027	2028	Total
County		0.692							0.692
State Reimbursement									-
Federal Reimbursement									-
Other									-
Total County Cost		0.692	-	-	-	-	-	-	0.692

Knox Cave Rd. Rehabilitation Project

Project Number: D1805
 Project Status: New 1 Existing Amended

Affiliated Bond Account(s): HHSB

Amendment(s):

Amended to include addition of intersection work at Barber's corners and updated construction cost. Revised completion date. Knox Cave Road Rehabilitation Project - CR254-NY157A includes replacing/rehabbing one large culvert. Mill out top and binder course asphalt approximately 4: depth. Recycle in-place base 3" course, sub-base 2"-3" and inject liquid asphalt, grade and compact. Place 2 1/2" binder course and 1 1/2" top course.

	Year	Pre 2023	2023	2024	2025	2026	2027	2028	Total
County		2.392	-						2.392
State Reimbursement									-
Federal Reimbursement									-
Other									-
Total County Cost		2.392	-	-	-	-	-	-	2.392

Krumkill Rd. Truss over Normanskill Bridge

Project Number: D1806
 Project Status: New 1 Existing Amended

Affiliated Bond Account(s): HHSB

Amendment(s):

2022-2026 new construction year and update project costs.
 2023-2027 Increase costs.

Krumkill Rd. Truss over Normanskill Bridge Rehabilitation Project - BIN 3301270 Rehabilitation of a 137' x 29' steel truss structure. The bridge was built in 1939 and has undergone a few repairs over the past years. The bridge will be stripped and repainted along with minor repairs to the truss as part of this project. The bridge is located in the Town of New Scotland.

	Year	Pre 2023	2023	2024	2025	2026	2027	2028	Total
County		0.120	1.553						1.673
State Reimbursement									-
Federal Reimbursement									-
Other									-
Total County Cost		0.120	1.553	-	-	-	-	-	1.673

Old Ravena Rd. over Coeymans Creek/CR 405 over Basic Creek

Project Number: D1807
 Project Status: New 1 Existing Amended

Affiliated Bond Account(s): HHSB

Amendment(s):

2022-2026 reflect updated construction cost.
 2023-2027 Project combined into new project DPW-23-02

These projects were previously separate in the capital plan. They were combined in an effort to save on construction costs. Old Ravena Road over Coeymans Creek (BIN 3301030) and CR 405 over Basic Creek (BIN 3301590) Bridge Rehabilitation Project. Repair/replace existing deteriorated pre-stressed concrete beam structures with galvanized rolled steel beams.

	Year	Pre 2023	2023	2024	2025	2026	2027	2028	Total
County		1.389							1.389
State Reimbursement									-
Federal Reimbursement									-
Other									-
Total County Cost		1.389	-	-	-	-	-	-	1.389

CR311 and CR 303 (Beaver Dam Road) Rehabilitation Project

Project Number: D1901
 Project Status: New 1 Existing Amended

Affiliated Bond Account(s): HHT6

Amendment(s):

This project will rehabilitate 1.7 miles along CR311 from CR303 to NY157 and 2.0 miles along CR303 from CR303 to NY157A in the Towns of New Scotland and Berne. Full Depth Reclamation of 3.7 miles of existing asphalt followed by placing 3" base, 2 1/2" binder and 1 1/2" of top course asphalt over recycled roadway.

	Year	Pre 2023	2023	2024	2025	2026	2027	2028	Total
County		2.600	-						2.600
State Reimbursement									-
Federal Reimbursement									-
Other									-
Total County Cost		2.600	-	-	-	-	-	-	2.600

HHRT Bridge over State RTE 85

Project Number: D1904
 Project Status: New Existing 1 Amended

Affiliated Bond Account(s): HHT6

Amendment(s):

- 2022-2026 new construction completion date
- 2023-2027 Push out construction completion date and increase costs.
- 2024-2028 Amended to increase costs.

Replacement of the existing HHRT Bridge (BIN 7032650) over New Scotland Road (State RTE 85) with a pedestrian structure. The existing girder and floorbeam structure was built approximately in 1912. It is located in the Town of Bethlehem. The bridge is not currently posted as it is used for pedestrian traffic only, however advanced section loss in the many of the steel columns combined with severe impact distortion to two columns makes this bridge a candidate for replacement. The bridge also has substandard vertical clearance of 12'-2", 14' is the required minimum. Emergency repairs were performed in January of 2019 to address structural issues with two support columns.

	Year	Pre 2023	2023	2024	2025	2026	2027	2028	Total
County		2.950	1.016	-					3.966
State Reimbursement			(0.320)						(0.320)
Federal Reimbursement									-
Other									-
Total County Cost		2.950	0.696	-	-	-	-	-	3.646

CR352 over Fox Creek Bridge Replacement Project - BIN-3301400

Project Number: D2003
 Project Status: New Existing 1 Amended

Affiliated Bond Account(s):

Amendment(s):

- 2022-2026 new construction year and updated construction cost
- 2023-2027 Push out construction completion date and increase costs.
- 2024-2028 Amended to increase costs.

This project will replace the existing 40' long x 30' wide Inverset Structure over Fox Creek (BIN 3301400) in the Town of Rensselaerville. Minor approach work and new railing will be included in the project.

	Year	Pre 2023	2023	2024	2025	2026	2027	2028	Total
County		0.180	2.170	-					2.350
State Reimbursement									-
Federal Reimbursement									-
Other									-
Total County Cost		0.180	2.170	-	-	-	-	-	2.350

CR405 over 8 Mile Creek Culvert Replacement

Project Number: D2004
 Project Status: New Existing 1 Amended

Affiliated Bond Account(s):

Amendment(s):

- 2022-2026 New construction year and to update design and construction costs. We applied for Bridge NY
- 2023-2027 Push out start date and increase costs.
- 2024-2028 Push out start date and increase costs.

This project replaces the existing triple, 60 foot long, 4 foot diameter corrugated metal pipe culverts with a single pre-cast concrete box culvert. The project is in the Town of Westerlo. Minor approach work and new railing will be included.

	Year	Pre 2023	2023	2024	2025	2026	2027	2028	Total
County		0.155							0.155
State Reimbursement									-
Federal Reimbursement									-
Other									-
Total County Cost		0.155	-	-	-	-	-	-	0.155

CR 412 Culvert Replacement Project

Project Number: D2005
 Project Status: New 1 Existing Amended

Affiliated Bond Account(s): HHYB

Amendment(s):

- 2022-2026 new construction completion date.
- 2023-2027 Push out end date and increase costs.

This project was previously programmed as two separate projects in the capital plan. They were combined in an effort to save on construction costs. Two Culvert replacement projects on CR412 in the Town of Westerlo were combined into one project. Site 1 is located Just South of the Berne/Westerlo Line and Site 2 is located 0.25miles North of Slade Hill Rd. The existing corrugated metal pipes and reinforced concrete pipe culverts will be replaced with precast concrete box culverts.

	Year	Pre 2023	2023	2024	2025	2026	2027	2028	Total
County		1.200							1.200
State Reimbursement									-
Federal Reimbursement									-
Other									-
Total County Cost		1.200	-	-	-	-	-	-	1.200

Construction New Garage Buildings with Office Space for Various Subdivisions

Project Number: D2204
 Project Status: New Existing 1 Amended

Affiliated Bond Account(s):

Amendment(s):

- 2023-2027 Increase costs and combine with facilites project.
- 2024-2028 Increase costs and expand scope to various substations.

The project description was amended to add money for new and existing highway garages and outbuildings at various subdivisions as well as update the project completion date. This project will construct and provide furnishings for new highway garages and office space at various subdivisions. The existing structures are beyond their useful life. The new structures will be large enough to house our plow trucks and heavy equipment and will save on future energy costs. Deficiencies noted in the “Department of Public Works Facility Assessment” report by C&S Companies in 2016, noted extensive structural, mechanical, and electrical system repairs are needed at various locations. The existing structures, are undersized and deteriorated to the point that rehabilitation is not cost effective.

	Year	Pre 2023	2023	2024	2025	2026	2027	2028	Total
County			10.400	0.350	8.000				18.750
State Reimbursement									-
Federal Reimbursement									-
Other									-
Total County Cost		-	10.400	0.350	8.000	-	-	-	18.750

Various Bridge Deck Replacements

Project Number: D2205
 Project Status: New Existing 1 Amended
 Affiliated Bond Account(s): HHTB
 Amendment(s):
 2023-2027 Decreased design and CI costs, increased construction costs.
 2024-2028 Extend project timeline.

This project will replace the deteriorated wooden bridge decks on three Ohio Truss structures in the Town of New Scotland. The bridges are as follows: BIN 3301340- Old Plank Rd. over Onesquethaw Creek, BIN 3301310 - Onesquethaw Creek Rd. over Onesquethaw Creek and BIN 3301300- Rowe Rd. over Onesquethaw Creek. Minor work will be done on approaches, railings bearings and substructures.

	Year	Pre 2023	2023	2024	2025	2026	2027	2028	Total
County		0.145	1.250	-					1.395
State Reimbursement									-
Federal Reimbursement									-
Other									-
Total County Cost		0.145	1.250	-	-	-	-	-	1.395

Albany County Culvert Replacements and Rehabilitation

Project Number: D2301
 Project Status: New Existing 1 Amended
 Affiliated Bond Account(s):
 Amendment(s):
 2024-2028 Amended to increase costs and push out completion date.

As part of maintenance operations, culverts on County roadways occasionally need to be rehabilitated or replaced. This project involves construction and reconstruction of various culverts in Albany County, including, but not limited to, CR 111 over Unnamed Creek in Coeymans, CR 358 over Unknown Creek in the Town of Rensselaerville, CR 308 over Vlomankill in the Town of New Scotland, CR 411 over Silver Creek, in the Town of Westerlo, CR 53 over Coeymans Creek in the Town of Coeymans and CR 301 over a tributary to the Onesquethaw in the Town of New Scotland. This work also includes minor stream and approach work and installation of new guide rail where needed.

	Year	Pre 2023	2023	2024	2025	2026	2027	2028	Total
County			0.500	5.045	0.500	3.000	0.750		9.795
State Reimbursement									-
Federal Reimbursement									-
Other									-
Total County Cost		-	0.500	5.045	0.500	3.000	0.750	-	9.795

Albany County Bridge Replacements and Rehabilitation

Project Number: D2302
 Project Status: New Existing 1 Amended
 Affiliated Bond Account(s):
 Amendment(s):
 2024-2028 Amended to increase costs and push out completion date.

As part of maintenance operations, bridges on County roadways occasionally need to be rehabilitated or replaced. This project involves construction and reconstruction of various bridges in Albany County, including, but not limited to, CR 352 (Fox Creek Rd.) over Fox Creek in the Town of Rensselaerville (BIN 3301500), CR 2 over Fox Creek in the Town of Berne (BIN 3300860), CR 53 over Onesquethaw Creek in the Town of Bethlehem (BIN 3301020), CR 111 over Hannacroix Creek in the Town of Coeymans (BIN 3301090 & BIN 3301070), CR 106 over Hannacroix Creek in the Town of Coeymans (BIN 3301100), CR 406 over the Basic Creek in the Town of Westerlo (BIN 3301560), CR 201 over Black Creek in the Town of Guilderland (BIN 3301160), CR 357 over 10 Mile Creek in the Town of Rensselaerville (BIN 3301460), CR 102 over Onesquethaw Creek in the Town of Bethlehem (BIN 3301040). This work also includes minor stream and approach work, installation of new guide rail and acquisition of ROW when needed.

	Year	Pre 2023	2023	2024	2025	2026	2027	2028	Total
County			1.000	2.500	5.000	3.500	2.500		14.500
State Reimbursement			(0.570)		(1.805)				(2.375)
Federal Reimbursement									-
Other									-
Total County Cost		-	0.430	2.500	3.195	3.500	2.500	-	12.125

Albany Shaker Road Corridor Enhancements

Project Number: D2303
 Project Status: New 1 Existing Amended

Affiliated Bond Account(s):
 Amendment(s):

This project is part of the 2022-2027 TIP program. It would design the following: safety improvements at the intersection of Albany Shaker Rd. (ASR) and Everett Rd. (CR 155); safety and operational improvements at the intersection of ASR and Osborne Rd., left turn lanes at the Crossings/Emerich Rd. intersection and low cost changes at the Maxwell Rd. roundabout to reduce crashes. In addition, the project would design sidewalks along the corridor where practical and make ADA improvements.

	Year	Pre 2023	2023	2024	2025	2026	2027	2028	Total
County				0.780					0.780
State Reimbursement									-
Federal Reimbursement				(0.624)					(0.624)
Other									-
Total County Cost		-	-	0.156	-	-	-	-	0.156

Improvement and Acquisition of Albany County Recreational Facilities

Project Number: D2304
 Project Status: New Existing 1 Amended

Affiliated Bond Account(s): HHYA
 Amendment(s):

2024-2028 Increase costs

The purpose of the project is to improve and acquire recreational areas and facilities for the residents of Albany County, including, but not limited to the Albany County Rail Trail, Lawson Lake & Ann Lee Pond.

	Year	Pre 2023	2023	2024	2025	2026	2027	2028	Total
County			0.550	12.000		-			12.550
State Reimbursement									-
Federal Reimbursement									-
Other									-
Total County Cost		-	0.550	12.000	-	-	-	-	12.550

Rail Trail Pedestrian Bridge Rehabilitation

Project Number: D2305
 Project Status: New 1 Existing Amended

Affiliated Bond Account(s):
 Amendment(s):

This project will design plans and investigate grant funding to rehabilitate various Albany County Rail Trail Bridges.

	Year	Pre 2023	2023	2024	2025	2026	2027	2028	Total
County						0.250			0.250
State Reimbursement									-
Federal Reimbursement									-
Other									-
Total County Cost		-	-	-	-	0.250	-	-	0.250

Potter Hollow Creek (CR 354) Stream Bank Stabilization

Project Number: D2306

Project Status: 1 New 1 Existing Amended

Affiliated Bond Account(s):

Amendment(s):

This project will design stream bank stabilization along a ¼ mile length of Potter Hollow Creek in order to prevent washout of material behind our bridge wingwall on CR 354 over Potter Hollow Creek, (BIN 3301360). Included in the design will be grant writing to secure funding to construct the project.

	Year	Pre 2023	2023	2024	2025	2026	2027	2028	Total
County			0.250						0.250
State Reimbursement									-
Federal Reimbursement									-
Other									-
Total County Cost		-	0.250	-	-	-	-	-	0.250

DPW Highway and Trail Improvement Projects

Project Number: D2401

Project Status: 1 New Existing Amended

Affiliated Bond Account(s):

Amendment(s):

This project will design and construct various highway and trail improvements. Improvements include but are not limited to repair of slope failures as well as intersection, pedestrian and bicycle safety improvements.

	Year	Pre 2023	2023	2024	2025	2026	2027	2028	Total
County				0.500					0.500
State Reimbursement									-
Federal Reimbursement									-
Other									-
Total County Cost		-	-	0.500	-	-	-	-	0.500

Public Works Capital Plan Summary: All Projects

New Projects: 1

Existing Projects: 13

Amended Projects: 12

Project Financing (in millions of dollars)

	Year	Pre 2023	2023	2024	2025	2026	2027	2028	Total
County		32.815	24.634	31.275	16.200	9.450	5.950	2.700	123.024
State Reimbursement		-	(0.890)	-	(1.805)	-	-	-	(2.695)
Federal Reimbursement		(2.240)	(0.152)	(6.264)	-	-	-	-	(8.656)
Other		-	-	-	-	-	-	-	-
Total County Cost		30.575	23.592	25.011	14.395	9.450	5.950	2.700	111.673