

D - DM Fund Public Works Capital Projects

CR 157, SR 155 Watervliet-Shaker Road (New Karner Road to Sand Creek Road) [Airport Area FGEIS]

Project Number: D0101 **Debt Account:** HHYB

Project Description: This project is Phase 3 of the Watervliet-Shaker Road Realignment Project. The section of Watervliet-Shaker Road (WSR) included in this project extends from New Karner Rd. to Sand Creek Rd. The project includes reconstruction and widening of approximately 0.75 miles of CR157 which could include the addition of a center or two additional lanes (depending on traffic study outcome), a new traffic signal at the intersection of New Karner Rd. and WSR, drainage improvements and new pavement. This last phase will complete the Albany-Shaker Rd/WSR Airport Improvement Project started in 2001.

Amendment(s): 2022-2026 - reflect an updated construction cost and completed SEQR.
 2023-2027 - Add another year and increase costs.
 2024-2028 - Amended to reflect a new construction completion date.
 2025-2029 - Increase cost and push out completion date.

Project Status:	<u> </u> New	<u> </u> Existing	<u> </u> Amended	<u> </u> Continual	<u> </u> 1	<u> </u> Complete		
Authorized Funding	Pre-2025	2025	2026	2027	2028	2029	2030	Total
County	10.072							10.072
State								-
Federal								-
Other								-
Total Project Cost	10.072	-	-	-	-	-	-	10.072

Highway Pavement Recycling Projects

Project Number: D1102 **Debt Account:** HHT8

Project Description: Rehabilitation of several lane miles of County Roadways by Cold in Place Recycling pavement, re-establishing binder course and repaving entire road with 2" of top course asphalt. This pavement process is a very cost effective method of rehabilitating certain low traffic volume, rural County

Amendment(s):

Project Status:	<u> </u> New	<u> </u> Existing	<u> </u> Amended	<u> </u> 1	<u> </u> Continual	<u> </u> Complete		
Authorized Funding	Pre-2025	2025	2026	2027	2028	2029	2030	Total
County	11.950	1.250	1.250	1.250	1.250	1.250	1.250	19.450
NY State								-
Federal								-
Other								-
Total Project Cost	11.950	1.250	1.250	1.250	1.250	1.250	1.250	19.450

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

Project Number: D1103 **Debt Account:** HHT7

Project Description: 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.

Amendment(s): 2023-2027 - Push out start date and increase costs.
 2024-2028 - Increase costs and updated completion date.
 2025-2029 - Push out completion date and increase costs.
 2026-2030 - Amended to update construction completion date and costs.

Project Status:	<u> </u> New	<u> </u> Existing	<u> </u> 1	<u> </u> Amended	<u> </u> Continual	<u> </u> Complete		
Authorized Funding	Pre-2025	2025	2026	2027	2028	2029	2030	Total
County	7.340	8.000	2.000	-				17.340
NY State								-
Federal	(0.422)	(0.664)	(6.254)	(7.250)				(14.590)
Other								-
Total Project Cost	6.918	7.336	(4.254)	(7.250)	-	-	-	2.750

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Vehicle and Truck Replacement

Project Number: D1104 **Debt Account:** HHYB

Project Description: 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.

Amendment(s):

Project Status: **New** **Existing** **Amended** 1 **Continual** **Complete** 1

Authorized Funding	Pre-2025	2025	2026	2027	2028	2029	2030	Total
County	12.498	1.600	1.450	1.450	1.450	1.450	1.450	21.348
NY State								-
Federal								-
Other								-
Total Project Cost	12.498	1.600	1.450	1.450	1.450	1.450	1.450	21.348

Traffic Sign Compliance Project

Project Number: D1201 **Debt Account:** HHSB

Project Description: 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.

Amendment(s):

Project Status: **New** 1 **Existing** **Amended** **Continual** **Complete** 1

Authorized Funding	Pre-2025	2025	2026	2027	2028	2029	2030	Total
County	1.375	-						1.375
NY State								-
Federal								-
Other								-
Total Project Cost	1.375	-	-	-	-	-	-	1.375

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

Project Number: D1501 **Debt Account:** HHT7

Project Description: 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)

Amendment(s): 2023-2027 - Added fuel remediation project to this project.

Project Status: **New** 1 **Existing** **Amended** **Continual** **Complete** 1

Authorized Funding	Pre-2025	2025	2026	2027	2028	2029	2030	Total
County	1.350							1.350
NY State								-
Federal								-
Other								-
Total Project Cost	1.350	-	-	-	-	-	-	1.350

Krumkill Rd. Truss over Normanskill Bridge

Project Number: D1806 **Debt Account:** HHT8

Project Description: 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.

Amendment(s): 2022-2026 - new construction year and update project costs.
2023-2027 - Increase costs.
2025-2029 - Push out completion date.

Project Status: **New** **Existing** **Amended** **Continual** 1 **Complete** 1

Authorized Funding	Pre-2025	2025	2026	2027	2028	2029	2030	Total
County	1.673							1.673
NY State								-
Federal								-
Other								-

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Total Project Cost	1.673	-	-	-	-	-	-	1.673
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HHRT Bridge over State RTE 85

Project Number: D1904 **Debt Account:** HHT8

Project Description: Replacement of the existing HHRT Bridge (BIN 7032650) over New Scotland Road (State RTE 85) with a pedestrian structure. The existing girder and floor beam 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.

Amendment(s): 2022-2026 - new construction completion date
 2023-2027 - Push out construction completion date and increase costs.
 2024-2028 - Amended to increase costs.
 2025-2029 - Push out completion date and increase State funding.

Project Status:		<u> </u> New	<u> </u> Existing	<u> </u> Amended	<u> </u> Continual	<u> 1 </u> Complete			
Authorized Funding		Pre-2025	2025	2026	2027	2028	2029	2030	Total
County		4.166							4.166
NY State			(0.508)						(0.508)
Federal									-
Other			(0.756)						(0.756)
Total Project Cost		4.166	(1.264)	-	-	-	-	-	2.902

CR405 over 8 Mile Creek Culvert Replacement

Project Number: D2004 **Debt Account:** HHYB

Project Description: 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.

Amendment(s): 2022-2026 - New construction year and to update design and construction costs.
 We applied for Bridge NY funding for this project. Funding for Bridge NY expected December 2021.
 2023-2027 - Push out start date and increase costs.
 2024-2028 - Push out start date and increase costs.
 2025-2029 - Push out completion year and increase costs.

Project Status:		<u> </u> New	<u> 1 </u> Existing	<u> </u> Amended	<u> </u> Continual	<u> </u> Complete			
Authorized Funding		Pre-2025	2025	2026	2027	2028	2029	2030	Total
County		1.700							1.700
NY State									-
Federal									-
Other									-
Total Project Cost		1.700	-	-	-	-	-	-	1.700

CR 412 Culvert Replacement Project

Project Number: D2005 **Debt Account:** HHT7

Project Description: 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.

Amendment(s): 2022-2026 - new construction completion date.
 2023-2027 - Push out end date and increase costs.
 2025-2029 - Pushout completion date.

Project Status:		<u> </u> New	<u> </u> Existing	<u> </u> Amended	<u> </u> Continual	<u> 1 </u> Complete			
Authorized Funding		Pre-2025	2025	2026	2027	2028	2029	2030	Total
County		1.200							1.200
NY State									-
Federal									-
Other									-
Total Project Cost		1.200	-	-	-	-	-	-	1.200

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Construction New Garage Buildings with Office Space for Various Subdivisions

Project Number: D2204 **Debt Account:** HHT8

Project Description: The project description was amended to include design and construction of new garage buildings, fueling stations, truck washes, salt sheds, office space and outbuildings at VARIOUS subdivisions as well as update the project costs and completion date. This project will provide site plans, design, construction and furnishings for new highway garages, fueling stations, truck washes, salt sheds, office space and outbuildings 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 both locations. The existing structures, are undersized and deteriorated

Amendment(s): 2023-2027 - Increase costs and combine with facilities project.
 2024-2028 - Increase costs and expand scope to various substations.
 2025-2029 - Expand scope of project and increase costs.
 2026-2030 - Amended to expand scope of project.

Project Status:	<u> </u> New	<u> </u> Existing	<u> 1 </u> Amended	<u> </u> Continual	<u> </u> Complete			
Authorized Funding	Pre-2025	2025	2026	2027	2028	2029	2030	Total
County	13.250		9.000	10.000				32.250
NY State	(0.380)							(0.380)
Federal								-
Other								-
Total Project Cost	12.870	-	9.000	10.000	-	-	-	31.870

Various Bridge Deck Replacements

Project Number: D2205 **Debt Account:** HHYB

Project Description: 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.

Amendment(s): 2023-2027 - Decreased design and CI costs, increased construction costs.
 2024-2028 - Extend project timeline.
 2025-2029 - Pushout completion date.

Project Status:	<u> </u> New	<u> </u> Existing	<u> </u> Amended	<u> </u> Continual	<u> 1 </u> Complete			
Authorized Funding	Pre-2025	2025	2026	2027	2028	2029	2030	Total
County	1.450							1.450
NY State								-
Federal								-
Other								-
Total Project Cost	1.450	-	-	-	-	-	-	1.450

Albany County Culvert Replacements and Rehabilitation

Project Number: D2301 **Debt Account:** HHYB/HHTH

Project Description: 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, as well as development of a county wide culvert inventory. 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.

Amendment(s): 2024-2028 - Amended to increase costs and push out completion date.
 2025-2029 - Amended to expand scope of projects.
 2026-2030 - Amended to reflect new reimbursement year.

Project Status:	<u> </u> New	<u> </u> Existing	<u> </u> Amended	<u> 1 </u> Continual	<u> </u> Complete			
Authorized Funding	Pre-2025	2025	2026	2027	2028	2029	2030	Total
County	5.545	0.500	3.000	0.750				9.795
NY State								-
Federal			(1.250)					(1.250)

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Other									-
Total Project Cost	5.545	0.500	1.750	0.750	-	-	-	-	8.545

Albany County Bridge Replacements and Rehabilitation

Project Number: D2302 **Debt Account:** HHYB/HHTH

Project Description: 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.

Amendment(s): 2024-2028 - Amended to increase costs and push out completion date.
 2025-2029 - Increase cost and update funding schedule.
 2026-2030 - Amended to update funding, reimbursement schedule and projects.

Project Status:	<u> </u> New	<u> </u> Existing	<u> 1 </u>	<u> </u> Amended	<u> </u> Continual	<u> </u> Complete	<u> 1 </u>	
Authorized Funding	Pre-2025	2025	2026	2027	2028	2029	2030	Total
County	3.500	3.000	5.000	4.000	3.600			19.100
NY State		-	(2.473)	(2.375)	(2.375)			(7.223)
Federal								-
Other								-
Total Project Cost	3.500	3.000	2.527	1.625	1.225	-	-	11.877

Albany Shaker Road Corridor Enhancements

Project Number: D2303 **Debt Account:**

Project Description: 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.

Amendment(s): 2025-2029 - Push out completion date.

Project Status:	<u> </u> New	<u> 1 </u> Existing	<u> </u> Amended	<u> </u> Continual	<u> </u> Complete	<u> 1 </u>		
Authorized Funding	Pre-2025	2025	2026	2027	2028	2029	2030	Total
County	0.780	-						0.780
NY State	(0.624)	-						(0.624)
Federal								-
Other								-
Total Project Cost	0.156	-	-	-	-	-	-	0.156

Improvement and Acquisition of Albany County Recreational Facilities

Project Number: D2304 **Debt Account:** HHYA

Project Description: 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.

Amendment(s): 2024-2028 - Increase costs
 2025-2029 - Increase project costs.

Project Status:	<u> </u> New	<u> 1 </u> Existing	<u> </u> Amended	<u> </u> Continual	<u> </u> Complete	<u> 1 </u>		
Authorized Funding	Pre-2025	2025	2026	2027	2028	2029	2030	Total
County	12.550	10.000						22.550
NY State								-
Federal								-
Other		(1.856)						(1.856)
Total Project Cost	12.550	8.144	-	-	-	-	-	20.694

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Rail Trail Pedestrian Bridge Rehabilitation

Project Number: D2305 **Debt Account:** _____

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

Amendment(s): 2025-2029 - Expand scope of project and increase costs.
2026-2030 - Amended to expand scope and increase costs.

Project Status: _____ **New** _____ **Existing** 1 **Amended** _____ **Continual** _____ **Complete** 1

Authorized Funding	Pre-2025	2025	2026	2027	2028	2029	2030	Total
County		0.250	0.500	0.300				1.050
NY State								-
Federal								-
Other								-
Total Project Cost	-	0.250	0.500	0.300	-	-	-	1.050

Potter Hollow Creek (CR 354) Stream Bank Stabilization

Project Number: D2306 **Debt Account:** _____

Project Description: 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.

Amendment(s): 2025-2029 - Pushout completion date and increase costs.

Project Status: _____ **New** 1 **Existing** _____ **Amended** _____ **Continual** _____ **Complete** 1

Authorized Funding	Pre-2025	2025	2026	2027	2028	2029	2030	Total
County	0.250	0.250						0.500
NY State								-
Federal								-
Other								-
Total Project Cost	0.250	0.250	-	-	-	-	-	0.500

DPW Highway and Trail Improvement Projects

Project Number: D2401 **Debt Account:** HHYB

Project Description: 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.

Amendment(s): 2025-2029 - Expand scope of project and increase costs.
2026-2030 - amended to expand scope and costs.

Project Status: _____ **New** _____ **Existing** 1 **Amended** _____ **Continual** _____ **Complete** 1

Authorized Funding	Pre-2025	2025	2026	2027	2028	2029	2030	Total
County	0.500	0.900	0.500					1.900
NY State								-
Federal								-
Other								-
Total Project Cost	0.500	0.900	0.500	-	-	-	-	1.900

Albany Shaker Road Rehabilitation From CR155 to SR7

Project Number: D2501 **Debt Account:** _____

Project Description: This project includes rehabilitation of Albany Shaker Road between Watervliet Shaker Rad and SR7. Pavement rehabilitation, signal upgrades and drainage improvements are included in this project.

Amendment(s): 2026-2030 - amended to push out dates.

Project Status: _____ **New** _____ **Existing** 1 **Amended** _____ **Continual** _____ **Complete** 1

Authorized Funding	Pre-2025	2025	2026	2027	2028	2029	2030	Total
County			0.350	4.000				4.350
NY State								-
Federal								-
Other								-
Total Project Cost	-	-	0.350	4.000	-	-	-	4.350

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Paving - Other than Roadways

Project Number: D2502 **Debt Account:** _____

Project Description: This project will pave County owned parking lots and other County owned areas in need of paving that are not roadways. The project also includes sidewalk and ADA improvements where necessary.

Amendment(s): 2026-2030 - amended push out dates and increase costs.

Project Status: _____ **New** _____ **Existing** _____ **Amended** 1 **Continual** _____ **Complete** 1

Authorized Funding	Pre-2025	2025	2026	2027	2028	2029	2030	Total
County	1.000		0.500					1.500
NY State								-
Federal								-
Other								-
Total Project Cost	1.000	-	0.500	-	-	-	-	1.500

Various Traffic Signal Upgrades

Project Number: D2503 **Debt Account:** _____

Project Description: This project will evaluate existing County owned traffic and pedestrian signals and design, purchase and install any necessary upgrades.

Amendment(s):

Project Status: _____ **New** 1 **Existing** _____ **Amended** _____ **Continual** _____ **Complete** 1

Authorized Funding	Pre-2025	2025	2026	2027	2028	2029	2030	Total
County		0.250						0.250
NY State								-
Federal								-
Other								-
Total Project Cost	-	0.250	-	-	-	-	-	0.250

Public Works Capital Plan Summary of All Projects

Project Status: 0 **New** 7 **Existing** 6 **Amended** 4 **Continual** 5 **Completed**

Authorized Funding	Pre-2025	2025	2026	2027	2028	2029	2030	Total
County	92.149	26.000	23.550	21.750	6.300	2.700	2.700	175.149
NY State	(1.004)	(0.508)	(2.473)	(2.375)	(2.375)	-	-	(8.735)
Federal	(0.422)	(0.664)	(7.504)	(7.250)	-	-	-	(15.840)
Other	-	(2.612)	-	-	-	-	-	(2.612)
Total Project Cost	90.723	22.216	13.573	12.125	3.925	2.700	2.700	###