

DFUND - Public Works

CR 157, SR 155 Watervliet-Shaker Road (New Karner Road to Sand Creek Road) [Airport Area FGEIS]									
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.									
New Project:			Existing Projects:			Amended Projects:			1
Project amended for 2022-2026 - The project was amended to reflect an updated construction cost and completed SEQR.									
Project Financing (in millions of dollars)									
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total	
County Debt (Bonds & BANS)		0.433	5.193					5.626	
State Reimbursement								-	
Federal Reimbursement								-	
Total County Cost	-	0.433	5.193	-		-	-	5.626	
Management & Budget Recommendation:									

CR 9 (Bradt Hollow Road) Over Fox Creek Bridge Replacement Project								
Replacement of a 156 ft. long x 32ft. wide, 3 span pre stressed concrete box beam bridge over Fox Creek in the Town of Berne. The bridge was built in 1985, 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 currently been reduced in lane width due to deteriorated fascia beams.								
New Project:		Existing Projects: 1			Amended Projects:			
Project Financing (in millions of dollars)								
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total
County Debt (Bonds & BANS)	2.342							2.342
State Reimbursement								-
Federal Reimbursement	(1.872)							(1.872)
Total County Cost	0.470	-	-	-	-	-	-	0.470
Management & Budget Recommendation:								

HHRT Phase I Paving Project								
Pave approximately five miles of 10' wide trail using 2" binder course asphalt and 2" top course asphalt. Subbase to be provided and installed by Albany County forces. Also included is installation of three rail wooden fencing, pedestrian fencing and misc. signage. County forces to provide shoulder backup and turf establishment.								
New Project:			Existing Projects: 1			Amended Projects:		
Project Financing (in millions of dollars)								
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total
County Debt (Bonds & BANS)	1.500							1.500
State Reimbursement	(1.003)							(1.003)
Federal Reimbursement								-
Total County Cost	0.497	-	-	-	-	-	-	0.497
Management & Budget Recommendation:								

Highway Pavement Recycling Projects								
Rehabilitation of several lane miles of County roadways 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 roadways.								
New Project:			Existing Projects:			Amended Projects:		
						1		
Project amended in 2022-2026 to add additional year and increase total cost.								
Project Financing (in millions of dollars)								
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total
County Debt (Bonds & BANS)	3.200	0.950	0.950	0.950	0.950	0.950	0.950	8.900
State Reimbursement								-
Federal Reimbursement								-
Total County Cost	3.200	0.950	0.950	0.950	0.950	0.950	0.950	8.900
Management & Budget Recommendation:								

New Karner Road (NY 155) From US 20 to NY 5: Corridor Improvements								
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.								
New Project:		Existing Projects: 1			Amended Projects:			
Project Financing (in millions of dollars)								
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total
County Debt (Bonds & BANS)		0.460		5.061				5.521
State Reimbursement								-
Federal Reimbursement		(0.368)		(4.049)				(4.417)
Total County Cost	-	0.092		1.012	-	-	-	1.104
Management & Budget Recommendation:								

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.								
New Project:			Existing Projects:			Amended Projects: 1		
Project amended in 2022-2026 - to add an additional year and update vehicle costs								
Project Financing (in millions of dollars)								
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total
County Debt (Bonds & BANS)	3.924	1.270	1.450	1.435	1.445	1.305	1.305	12.134
State Reimbursement								-
Federal Reimbursement								-
Total County Cost	3.924	1.270	1.450	1.435	1.445	1.305	1.305	12.134
Management & Budget Recommendation:								

Traffic Sign Compliance Project								
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.								
New Project:		Existing Projects: 1			Amended Projects:			
Project Financing (in millions of dollars)								
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total
County Debt (Bonds & BANS)	0.790							0.790
State Reimbursement								-
Federal Reimbursement								-
Total County Cost	0.790	-	-	-	-	-	-	0.790
Management & Budget Recommendation:								

DPW Facilities Assessment/Building/Salt Sheds/Fuel Monitoring System								
This project is an assessment to determine the feasibility or repair /replacement of DPW facilities, buildings, salt sheds, and the fuel monitoring system. (Will also explore shared services)								
New Project:		Existing Projects: 1			Amended Projects:			
Project Financing (in millions of dollars)								
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total
County Debt (Bonds & BANS)	1.000							1.000
State Reimbursement								-
Federal Reimbursement								-
Total County Cost	1.000	-	-	-	-	-	-	1.000
Management & Budget Recommendation:								

CR 11 Highway Rehabilitation Project								
Rehabilitation of approximately 3/4 miles of CR11 between CR412 and NY85 in the Town of Berne. Work includes rehabilitation of roadway by recycling existing asphalt pavement and repaving with base binder and top course asphalt. Also includes modifications to intersection at NY85, replacement of deteriorated concrete box culvert and upgrades to poorly functioning drainage system. Spot full depth replacement will be required at various locations along roadway. Pavement striping will also be included.								
New Project:		Existing Projects: 1			Amended Projects:			
Project Financing (in millions of dollars)								
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total
County Debt (Bonds & BANS)	1.250							1.250
State Reimbursement								-
Federal Reimbursement								-
Total County Cost	1.250	-	-	-	-	-	-	1.250
Management & Budget Recommendation:								

CR55 (Creble Rd.) over Vlomankill Culvert Project								
CR55 (Creble Rd.) over Vlomankill Culvert Relining Project (BIN 3363610) - Slip line in place, 3 deteriorated corrugated metal pipes built in 1976 145' long x 35' wide. The culverts have deteriorated to the point that rehabilitation or replacement is necessary. The cost to rehabilitate will be 3-4 times less expensive than replacement.								
New Project:			Existing Projects:			Amended Projects:		1
Amended 2022-2026 Plan - to reflect new Construction year.								
Project Financing (in millions of dollars)								
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total
County Debt (Bonds & BANS)					0.100	0.850		0.950
State Reimbursement								-
Federal Reimbursement								-
Total County Cost	-	-	-	-	0.100	0.850	-	0.950
Management & Budget Recommendation:								

CR 404 / CR402 over Eight Mile Creek (BIN3369600) Box Culvert Replacement Project									
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.									
New Project:			Existing Projects:			Amended Projects:			1
Amended 2022-2026 Plan - to reflect new construction completion date.									
Project Financing (in millions of dollars)									
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total	
County Debt (Bonds & BANS)		0.500	0.750					1.250	
State Reimbursement								-	
Federal Reimbursement								-	
Total County Cost	-	0.500	0.750	-	-	-	-	1.250	
Management & Budget Recommendation:									

CR 412 Culvert Replacement Project								
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.								
New Project:			Existing Projects:			Amended Projects: 1		
Project Financing (in millions of dollars)								
Amended 2022-2026 Plan - to reflect new construction end date.								
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total
County Debt (Bonds & BANS)			1.200					1.200
State Reimbursement								-
Federal Reimbursement								-
Total County Cost	-	-	1.200	-	-	-	-	1.200
Management & Budget Recommendation:								

Gifford Hollow Rd. over Tributary to the Switzkill

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 NYS DOT 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. The bridge is beyond its useful life.

New Project:		Existing Projects:			Amended Projects:			1
Amended 2022-2026 - to change construction completion date and construction cost.								
Project Financing (in millions of dollars)								
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total
County Debt (Bonds & BANS)	0.157		0.535					0.692
State Reimbursement								-
Federal Reimbursement								-
Total County Cost	0.157	-	0.535	-	-	-	-	0.692
Management & Budget Recommendation:								

Knox Cave Rd. Rehabilitation Project

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.

New Project:		Existing Projects:			Amended Projects:			
Project Financing (in millions of dollars)								
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total
County Debt (Bonds & BANS)	0.492	1.900						2.392
State Reimbursement								-
Federal Reimbursement								-
Total County Cost	0.492	1.900	-	-	-	-	-	2.392
Management & Budget Recommendation:								

Krumkill Rd. Truss over Normanskill Bridge

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.

New Project:		Existing Projects:			Amended Projects:			1
Project amended 2022-2026 - to reflect new construction year and update project costs.								
Project Financing (in millions of dollars)								
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total
County Debt (Bonds & BANS)			0.120	1.380				1.500
State Reimbursement								-
Federal Reimbursement								-
Total County Cost	-	-	0.120	1.380	-	-	-	1.500
Management & Budget Recommendation:								

Lawson Lake Facility Improvements

This project includes planning, studies, survey, mapping permitting design and construction required to update the infrastructure at Lawson Lake County Park. The project is a follow up to the Lawson Lake County Park Feasibility Study dated September 2016. Provide potable running water and sanitary waste removal systems to park users. No change in funding.

New Project:		Existing Projects:			Amended Projects:			1		
Project Financing (in millions of dollars)										
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total		
County Debt (Bonds & BANS)	0.160	0.700						0.860		
State Reimbursement								-		
Federal Reimbursement								-		
Total County Cost	0.160	0.700	-	-	-	-	-	0.860		
Management & Budget Recommendation:										

Old Ravena Rd. over Coeymans Creek/CR 405 over Basic Creek								
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.								
New Project:			Existing Projects:			Amended Projects:		
						1		
2022-2026 - Amended to reflect updated construction cost.								
Project Financing (in millions of dollars)								
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total
County Debt (Bonds & BANS)			1.800					1.800
State Reimbursement								-
Federal Reimbursement								-
Total County Cost	-	-	1.800	-	-	-	-	1.800
Management & Budget Recommendation:								

CR311 and CR 303 (Beaver Dam Road) Rehabilitation Project								
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.								
New Project:			Existing Projects: 1			Amended Projects:		
Project Financing (in millions of dollars)								
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total
County Debt (Bonds & BANS)	1.750	0.850						2.600
State Reimbursement								-
Federal Reimbursement								-
Total County Cost	1.750	0.850	-	-	-	-	-	2.600
Management & Budget Recommendation:								

357 over Ten Mile Creek Superstructure Replacement								
Superstructure replacement of CR357 over Ten Mile Creek (BIN 3301460). The existing 42' x 33' pre-stressed concrete box beam superstructure with a concrete deck was constructed in 1987. The superstructure is in need of replacement.								
New Project:			Existing Projects:			Amended Projects:		
						1		
Amended 2022-2026 - to reflect new design and construction year.								
Project Financing (in millions of dollars)								
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total
County Debt (Bonds & BANS)				0.150	0.700			0.850
State Reimbursement								-
Federal Reimbursement								-
Total County Cost	-	-	-	0.150	0.700	-		0.850
Management & Budget Recommendation:								

CR403 over Wolf Fly Creek and CR 405 over Basic Creek Superstructure Repl.								
This superstructure replacement project was previously paired in the capital plan with the CR405 superstructure replacement project. The project includes replacing the 33' long x 32 Wide pre-stressed concrete I-beam superstructure on CR403 over Wolf Fly Creek (BIN 3301570).								
New Project:			Existing Projects:			Amended Projects:		1
Amended 2022-2026 Plan - to reflect new project schedule.								
Project Financing (in millions of dollars)								
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total
County Debt (Bonds & BANS)				0.150	0.900			1.050
State Reimbursement								-
Federal Reimbursement								-
Total County Cost	-	-	-	0.150	0.900	-	-	1.050
Management & Budget Recommendation:								

HHRT Bridge over State RTE 85								
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.								
New Project:			Existing Projects:			Amended Projects:		
						1		
Project Amended 2022-2026 Plan to reflect new construction completion date.								
Project Financing (in millions of dollars)								
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total
County Debt (Bonds & BANS)	0.150		2.800					2.950
State Reimbursement								-
Federal Reimbursement								-
Total County Cost	0.150	-	2.800	-	-	-	-	2.950
Management & Budget Recommendation:								

DPW Facilities Improvement Project								
Replacement of mechanical equipment, garage doors, entry doors, carwash updates, plumbing updates, roofing, windows, internet services, and flooring in various DPW subdivisions.								
New Project:			Existing Projects: 1			Amended Projects:		
Project Financing (in millions of dollars)								
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total
County Debt (Bonds & BANS)	0.350							0.350
State Reimbursement								-
Federal Reimbursement								-
Total County Cost	0.350	-	-	-	-	-	-	0.350
Management & Budget Recommendation:								

CR 201 over Black Creek Bridge Replacement								
This project will replace the 28 foot long concrete superstructure bridge over Black Creek in Guilderland. Minor approach work and new railing will be included in the project.								
New Project:			Existing Projects:		1		Amended Projects:	
Project Financing (in millions of dollars)								
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total
County Debt (Bonds & BANS)				0.175	0.900			1.075
State Reimbursement								-
Federal Reimbursement								-
Total County Cost	-	-	-	0.175	0.900	-	-	1.075
Management & Budget Recommendation:								

CR352 over Fox Creek Bridge Replacement Project								
This project will replace the existing 40' long A588 steel bridge over Fox Creek in the Town of Rensselaerville. Minor approach work and new railing will be included in the project.								
New Project:			Existing Projects:			Amended Projects:		
						1		
Amended in 2022-2026 - to reflect new construction year and updated construction cost.								
Project Financing (in millions of dollars)								
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total
County Debt (Bonds & BANS)		0.180	1.800					1.980
State Reimbursement								-
Federal Reimbursement								-
Total County Cost	-	0.180	1.800	-	-	-	-	1.980
Management & Budget Recommendation:								

CR405 over 8 Mile Creek Culvert Replacement								
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.								
New Project:			Existing Projects:			Amended Projects:		
						1		
Amended: This project was amended to reflect a 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.								
Project Financing (in millions of dollars)								
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total
County Debt (Bonds & BANS)		0.155		1.200				1.355
State Reimbursement								-
Federal Reimbursement								-
Total County Cost	-	0.155	-	1.200	-	-	-	1.355
Management & Budget Recommendation:								

DPW Fuel Remediation Project								
Project involves the remediation of a fuel leak at the Voorheesville DPW facility.								
New Project:			Existing Project:		1	Amended Project:		
Project Financing (in millions of dollars)								
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total
County Debt (Bonds & BANS)				0.350				0.350
State Reimbursement								-
Federal Reimbursement								-
Total County Cost	-	-	-	0.350	-	-	-	0.350
Management & Budget Recommendation:								

CR 102 over Onesquethaw Creek Bridge Rehabilitation								
This project will rehabilitate the 66’L x 26’W, concrete filled stone arch bridge, BIN 3301040, built in 1934 in the Town of Bethlehem. Minor approach, substructure, and railing work will also be performed.								
New Project:		1	Existing Projects:			Amended Projects:		
Project Financing (in millions of dollars)								
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total
County Debt (Bonds & BANS)				0.160	0.840			1.000
State Reimbursement								-
Federal Reimbursement								-
Total County Cost	-	-	-	0.160	0.840	-	-	1.000
Management & Budget Recommendation:								

CR 111 over Unnamed Stream Culvert Replacement								
This project will replace the existing three barrel corrugated metal pipe culverts with a 3 sided concrete box culvert in the Town of Coeymans. Hydraulic capacity will be improved, alleviating flooding potential. Mi-nor approach work and new railing will be included in the project.								
New Project:		1	Existing Projects:			Amended Projects:		
Project Financing (in millions of dollars)								
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total
County Debt (Bonds & BANS)				0.160	0.840			1.000
State Reimbursement								-
Federal Reimbursement								-
Total County Cost	-	-	-	0.160	0.840	-	-	1.000
Management & Budget Recommendation:								

CR 352 (Fox Creek Rd.) over Fox Creek								
This project will replace the 32'L x 24'W Inverset Structure, BIN 3301500, built in 1990 in the Town of Rensselaerville. Minor approach and railing work will also be performed.								
New Project:		1	Existing Projects:			Amended Projects:		
Project Financing (in millions of dollars)								
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total
County Debt (Bonds & BANS)				0.160	1.840			2.000
State Reimbursement								-
Federal Reimbursement								-
Total County Cost	-	-	-	0.160	1.840	-	-	2.000
Management & Budget Recommendation:								

Construction New Garage Buildings with Office Space for Various Subdivisions								
This project will construct new garages and office space at our Knox and Coeymans subdivisions. The ex-isting 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, me-mechanical, and electrical system repairs are needed at both locations. The existing structures, are undersized and deteriorated to the point that rehabilitation is not cost effective.								
New Project:		1	Existing Projects:			Amended Projects:		
Project Financing (in millions of dollars)								
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total
County Debt (Bonds & BANS)			5.000					5.000
State Reimbursement								-
Federal Reimbursement								-
Total County Cost	-	-	5.000	-	-	-	-	5.000
Management & Budget Recommendation:								

Various Bridge Deck Replacements								
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. The existing bridge dimensions are as follows: L 65' W 12', L 47' W 14' and L 68' W 12' respectively. Minor work will be done on approaches, railings bearings and substructures.								
New Project:		1	Existing Projects:			Amended Projects:		
Project Financing (in millions of dollars)								
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total
County Debt (Bonds & BANS)			0.200	0.350				0.550
State Reimbursement								-
Federal Reimbursement								-
Total County Cost	-	-	0.200	0.350	-	-	-	0.550
Management & Budget Recommendation:								

Public Works Capital Plan Summary: All Projects								
New Projects:	5							
Existing Projects:	12							
Amended Projects:	14							
Project Financing (in millions of dollars)								
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total
County Debt (Bonds & BANS)	17.065	7.398	21.798	11.681	8.515	3.105	2.255	71.817
State Reimbursement	(1.003)	-	-	-	-	-	-	(1.003)
Federal Reimbursement	(1.872)	(0.368)	-	(4.049)	-	-	-	(6.289)
Total County Cost	14.190	7.030	21.798	7.632	8.515	3.105	2.255	64.525