



FY2021 Annual Work Plan

(Unified Planning Work Program - UPWP)

Approved Mid-year Adjustment –1/20/2021

Legend:

Decrease in Funding	
New Land Use Project/Increase in Funding	
New Transportation Project/Increase in Funding	
Pending or General Question	
Red Text Indicates Changes to Project Title/Description/Deliverable	

	A	B	C	D	E	F	G	I	AC
1	Unified Planning Work Program FY2021 - Adopted May 20, 2020 - Mid-Year Adjustment Approved 1/20/2021								
2	Task #		Municipality or Partner Agency	Staff Lead	Staff Support	Task Description	Task Deliverable(s)	End Month/Year	TOTAL \$ CCRPC Staff
3	1.0	ECONOMIC OPPORTUNITY							
5	1.1	Land Use and Redevelopment							
6	1.1.3	Brownfields 2018 Petroleum	Regional	Dan	Taylor	Implement a multi-year Brownfields Petroleum Assessment grant to aid municipalities and private citizens to conduct environmental assessments and clean up planning to enable redevelopment of contaminated or potentially contaminated properties.	1. Manage contractors performing Site Assessments and Cleanup Plans for select properties.	ongoing	\$ 7,430
7	1.1.4	Brownfields 2018 Hazardous	Regional	Dan	Taylor	Implement a multi-year Brownfields Hazardous Materials Assessment grant to aid municipalities and private citizens to conduct environmental assessments and clean up planning to enable redevelopment of contaminated or potentially contaminated properties.	1. Manage contractors performing Site Assessments and Cleanup Plans for select properties.	ongoing	\$ -
8	1.2	Tourism							
9	1.2.1	Byway Coordination & Technical Assistance	Lake Champlain Byway, 3-county region	Dan	Pam	Provide coordination and technical assistance to the County's eight byway member municipalities [Milton, Colchester, Essex Junction, Burlington, South Burlington, Shelburne and Charlotte] to implement related projects and participate in broader, regional efforts via coordination with the Lake Champlain Byway Council which oversees management of the three-county Byway.	1. Participation at meetings of Lake Champlain Byway Council, VDTM Byway marketing and related meetings. 2. Project identification and grant writing with member municipalities. 3. Maintenance of and improvements to Byway website, exploration and/creation of Byway website mobile site/app and fielding Byway inquiries. 4. Integration of Byway Corridor Management Plan objectives into updates ECOS Plan.	ongoing	\$ 1,854
10	1.3	Economic Advancement							
11	1.3.1	EDA Planning - CEDS	Regional	Taylor	Regina, Charlie	Administration and delivery of a 4 region (Chittenden, Addison, Rutland and Central Vermont) Comprehensive Economic Development Strategy (CEDS) with a EDA grant.	1. Develop a CEDS Strategy Committee. 2. Regional economic profile and strategies. 3. Public engagement. 4. Develop CEDS and Evaluation Framework. 5. Economic Trends and Statewide CEDS coronavirus appendix. 6. Grant administration.	9/22	\$ 13,558
12	2.0	PLANNED GROWTH							
13	2.1	Land Use and Development							
14	2.1.1	Municipal Plan Development Assistance	Regional	Taylor	Regina, Melanie	Provide municipal planning and technical assistance for Comprehensive Plans in accordance with the ACCD contract. Also assist municipalities with state designations, ERAF, flood resiliency and the Maintain/Evolve/Transform concept.	1. Use VAPDA developed forms, checklists, and standard procedures in municipal consultations and town plan approvals. 2. Conduct mid-term Plan implementation reviews. 3. Complete formal municipal plan reviews and CCRPC Board approval for Westford, Underhill, and as requested. 4. Municipalities provided assistance with state designation renewal requirements, and ERAF requirements. 5. Help interested communities use the Maintain/Evolve/ Transform (MET) process and develop an implementation program. 6. Help DHCD identify municipalities ready for state designation programs and help organize outreach events. 7. Write Buel's Gore Plan if requested.	ongoing	\$ 14,385
15	2.1.3	Municipal Plan Implementation Assistance	Regional	Regina	Taylor, Charlie	Local technical assistance and plan implementation activities not directly funded in other tasks.	1. May include: development review, draft bylaws, reports/research, build-out analysis, etc. 2. Annual report on assistance provided sent to VAPDA & DHCD on or before Sept. 30.	ongoing	\$ 44,005
16	2.1.3.21	South Burlington Interim Zoning Assistance	South Burlington	Regina	Taylor, Melanie, Charlie	Assist the City with Interim Zoning plans and studies.	1. Final natural resources bylaws. 2. Open space/rural conservation mapping. 3. Review economic analysis. 4. Review Inclusionary Zoning draft. 5. Draft River Corridor bylaw language.	7/20	\$ 216
17	2.1.3.22	Bolton Valley CDBG	Bolton	Sai	Regina	Assist Bolton with administration of a Community Development Block Grant for community water and sewer system improvements (grant), and resort facility upgrades (loan) at Bolton Valley.	1. Help administer grant.	12/21	\$ 15,787
18	2.1.3.25	Milton Planning & Zoning Assistance	Milton	Regina		Assist the Town with Planning Director gap assistance; and an analysis of the Unified Development Regulations.	1. Help manage Planning Office while Town hired new Planning Director. 2. Review Unified Development Regulations for potential improvements. 3. Assist the Town in amending the UDRs.	6/21	\$ 17,006
19	2.1.3.26	Bolton Municipal Planning/Zoning Assistance	Bolton	Taylor	Regina	The Town of Bolton seeks CCRPC staff expertise and technical assistance to continue updating our Municipal Plan and zoning bylaws in FY 2021, and to update the town's inventory of stale (2016) data on the condition of our municipal infrastructure for capital planning.	Assist Bolton with zoning amendments, and Plan updates as requested. Note the capital infrastructure data described here will be covered through transportation technical assistance.	6/21	\$ 3,262
20	2.1.3.27	Essex Junction Village Land Development Code Rewrite and Update	Essex Junction	Taylor	Regina	Rewrite of the Village of Essex Junction Land Development Code. The new Code will not only be updated in terms of regulatory requirements but also include specific reference to the Design Five Corners Initiative which has been endorsed by the Village Trustees after community engagement through charrettes and group meetings.	1. Assist Essex Junction with updating the Land Development Code to incorporate the Design Five Corners Initiative.	6/22	\$ 17,006
21	2.1.3.28	Huntington Water/Wastewater Planning	Huntington	Taylor	Regina	Assist the PC and SLB with water/wastewater services in the village areas.	1. Assist Huntington in establishing a workplan for Village wastewater/water. 2. Assist in grant writing and administration of funding including the awarded MPG.	6/22	\$ 11,280
22	2.1.3.29	South Burlington Planning Technical Assistance	South Burlington	Regina	Taylor, Melanie	This project would reserve CCRPC staff time to provide support for selected planning & land use projects. Specific projects will be drawn from the Department's and Planning Commission' work plan, and may include direct technical assistance in developing planning & GIS projects, and/or project management of consultant projects identified by the City. May include working directly with City committees under the overall direction of the Planning & Zoning Department.	Assist South Burlington on specific land use tasks as requested and mutually agreed upon to include floodplain zoning regulation assistance, and draft of an Energy Plan/Climate Action Plan.	6/21	\$ 28,563
23	2.1.3.31	Hinesburg Visuals for Zoning Bylaws (pending)	Hinesburg	Regina	Emma	Create illustrations of the town's architectural and streetscape design standards to provide clarity for growth in the village area and bolster public confidence in development outcomes.	CCRPC would need to respond to a RFP if and when released. If awarded contract, will create illustrations to supplement Hinesburg's zoning regulations.	2/21	\$ -
24	2.1.3.32	Westford Water/Wastewater Planning	Westford	Taylor	Regina	Westford is actively working to secure funding for a village wastewater system; and redevelopment of a property adjacent to the Town Office in the Village.	1. Assist Westford in grant writing and administration of funding. 2. Other assistance as requested.	12/22	\$ 17,748
25									

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1	Unified Planning Work Program FY2021 - Adopted May 20, 2020 - Mid-Year Adjustment Approved 1/20/2021																	
2	TRANSPORTATION PROGRAM										CARRY OVER	PLANNING PROGRAM						GRAND TOTAL
3	Task #	Trans. Related staff cost	Planning Related staff costs	Trans. Consultants Regionally Matched	Funding Source	Consultant Costs Match with Local Funding	GMT	Trans. Direct Expense	inkind	TOTAL NEW Transportation BUDGET FY21	Total Carryover from FY20	Fed/State/Muni Contract - Staff Costs	ACCD - Staff Costs	Muni - Staff Costs	Muni Contribution	Planning Direct Costs	Total Planning FY21	GRAND TOTAL
5	1.0																	
6	1.1																	
7	1.1.3		\$ 7,430		EPA					\$ -		\$4,094	\$3,336			\$10,000	\$17,430	\$17,430
8	1.1.4		\$ -		EPA					\$ -		\$0	\$0			\$0	\$0	\$0
9	1.2																	
10	1.2.1	\$ 1,854	\$ -		PL				\$ -	\$ 1,854								\$1,854
11	1.3																	
12	1.3.1				EDA							\$13,558	\$0			\$227,700	\$241,258	\$241,258
13	2.0																	
14	2.1																	
15	2.1.1		\$ 14,385		ACCD					\$ -			\$14,385				\$14,385	\$14,385
16	2.1.3		\$ 44,005		ACCD					\$ -			\$44,005				\$44,005	\$44,005
17	2.1.3.21		\$ 216		MUNI							\$ -	\$216				\$216	\$216
18	2.1.3.22		\$ 15,787		MUNI							\$15,787	\$0				\$15,787	\$15,787
19	2.1.3.25		\$ 17,006		MUNI							\$ 7,500	\$9,506				\$17,006	\$17,006
20	2.1.3.26		\$ 3,262		MUNI							\$ 1,650	\$1,612				\$3,262	\$3,262
21	2.1.3.27		\$ 17,006		MUNI							\$ 7,500	\$9,506				\$17,006	\$17,006
22	2.1.3.28		\$ 11,280		MUNI							\$ 5,000	\$6,280				\$11,280	\$11,280
23	2.1.3.29		\$ 28,563		MUNI							\$ 14,000	\$14,563				\$28,563	\$28,563
24	2.1.3.31		\$ -		MUNI							\$ -	\$0				\$0	\$0
25	2.1.3.32		\$ 17,748		MUNI							\$ 3,000	\$14,748				\$17,748	\$17,748

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26	2.1.3.33	Northwest RPC Assistance on VCDP Grant	Northwest RPC	Taylor	Regina	Professional planning assistance to Northwest Regional Planning Commission on a Vermont Community Development Program grant.	Provide grant writing assistance and grant management activities related to Vermont Community Development Program (VCDP) grants.	9/20	\$ 2,922
27	2.1.3.34	Act 171 Forest Integrity	Regional	Taylor	Regina	Providing professional guidance, expert advice, and the most recent forest integrity mapping and modeling resources to municipalities that are essential for effective planning for development and conservation of forests in accordance with Act 171.	1. Assist Shelburne with Town Plan and/or bylaw language. 2. Provide 1 to 2 page written report outlining municipality served and services provided.	6/21	\$ 2,435
28	2.1.3.35	Richmond Technical Assistance	Richmond	Taylor	Regina	Assist the Town with development review while they have a staff gap.	1. Provide development review assistance. 2. Staff the DRB.	1/21	\$ 12,661
29	2.1.3.36	St. George Zoning Assistance	St. George	Regina	Taylor	Assist the Town with development review while they have a staff gap.	1. Provide development review and zoning administration assistance. 2. Staff the DRB.	3/21	\$ 7,936
30	2.1.3.37	Shelburne Zoning Assistance	Shelburne	Dan	Regina, Taylor	Assist the Town with development review while they have a staff gap.	1. Provide development review assistance. 2. Staff the DRB.	3/21	\$ 22,862
31	2.1.4	Regional and State Issues	Regional	Regina	Melanie, Taylor, Dan	Work with DHCD and RPCs statewide on issues of statewide interest.	1. Review and comment on proposed Act 250 legislation. 2. Assist VPA with statutory amendment recommendations for Plan elements and goals. 3. Other issues as may arise. 4. ACCD FY21 Deliverables	ongoing	\$ 56,071
32	2.1.5	Regional Housing Conversation	Regional	Regina	Melanie, Taylor, Emma	Follow-up on how to attract tech industry and young families summary report by continued participation in the Building Homes Together campaign, and help identify how we can build more housing to meet the needs. Convene affordable housing committees in the region to share ideas, expand our knowledge and coordinate policies and activities with each other and the CCRPC.	1. Consider a deeper analysis into any topics resulting from the statewide housing needs assessment (expected to be released in March 2020). 2. Convene municipal housing committee members for peer exchange on housing tools. 3. Provide municipal assistance on housing tools as requested. 4. Produce annual Building Homes Together campaign results. 5. Participation in statewide housing conversations.	ongoing	\$ 24,357
33	2.2	Energy and Climate							
34	2.2.2	Regional Transportation Energy Planning and Transportation Electrification Support	VEIC	Melanie	Charlie, Eleni, Regina, Marshall, Bryan	This task includes CCRPC staff activities on transportation energy planning and fleet electrification support. It also includes VEIC's support for local and regional energy planning and plug-in electric vehicle (EV) market transformation in Chittenden County. Significant advances have occurred in EV technology over the past several years VEIC has partnered with CCRPC to support energy efficiency, clean transportation and energy planning in the region. For FY2021 VEIC proposes the following activities in support of the ECOS plan's clean energy goals: Municipal energy planning assistance; Consumer engagement and marketing programs to support electric vehicle adoption; Workplace and multifamily charging infrastructure resources and development.	CCRPC activities could include: 1) Participation in events/activities with partners to advance electric vehicle use in the county; 2) Hosting up to 2 regional energy forums for energy committees and municipal staff/officials to connect with TDM partners and energy partners/utilities; and 3) Participation in VTrans' working groups, steering committees, and/or advisory committees and providing assistance in outreach to local officials and the public on environmental policy issues. By September 30, 2021, submit a short list of tasks completed to VTrans as related to environmental planning and policy activities. VEIC activities/deliverables could include: Municipal fleet EV assessments examining opportunities to integrate EVs into local government operations; Presentations to municipal entities on EV technology and charging opportunities; On-call support for regional energy modeling analysis; Technical assistance on EV charging siting and funding opportunities; Local EV demonstration events; Metrics on EV ownership in Chittenden County; EV charging implementation policies and procedures for multifamily developments; and Technical support for installing EV charging at multifamily housing in the region.	6/21	\$ 19,860
35	2.2.2.1	Property Transportation Plan: Reduce transportation emissions in commercial and affordable multi-unit sectors	Burlington	Bryan	Melanie	Burlington Electric Department (BED) and the Burlington 2030 District (BTW 2030) are seeking to reduce vehicle miles travelled and transportation emissions in Burlington's commercial and affordable multiunit sectors via the development and implementation of customized Property Transportation Plans (PTP). Through extensive stakeholder engagement, including transportation survey administration and analysis, the PTP will seek to engage a range of commercial and affordable multi-unit property owners/managers and ultimately develop customized transportation demand management-related recommendations and opportunities that reduce transportation emissions and VMT of building occupants, including owners, employees, or tenants. <i>Note - the total request is for \$10,000 FY21 + \$10,000 FY22.</i>	The proposed project will develop a Property Transportation Plan (PTP) template - replicable by other municipalities and/or organizations -- and ultimately provide 10 new Property Transportation Plans (PTP) to Burlington 2030 District property owners over the course of two years. During FY21, BED and BTW 2030 will develop five customized Property Transportation Plans for five unique properties.	6/21	\$ 9,059
36	2.2.6	Energy Plan Implementation	BRC	Melanie		Implementation of local and regional energy plans. Work will involve support for municipal and local energy committee efforts to achieve objectives for promoting energy efficiency consistent with Efficiency Vermont's mission.	1. Build RPC capacity and knowledge to serve as a "first line of support" for local energy groups. 2. Thermal efficiency activities. 3. Electric Efficiency Activities.	12/20	\$ 9,795
37	2.3	Transportation and Land Use							
38	2.3.1	Act 250/Section 248 Review - Non-Transportation	Regional	Taylor	Regina, Melanie	Review Act 250 major applications and Section 248 applications with hearings (or potential applications) in relation to the regional plan. Report on the number of applications commented on, providing more detail about those involving substantive comment, using attached form for reporting.	1. Provide letters (and potentially participate in hearings) on Act 250 & Section 248 applications that go to hearing. 2. Provide year-end report to DHCD.	ongoing	\$ 13,969
39	2.3.1.2	Act 250/Section 248 Review - Transportation	Regional	Jason	Sai, Eleni	Conduct reviews of Act 250 applications (focusing on Criterion 5) and Traffic Impact Studies, and work with Act 250 to better incorporate TDM and other non-motorized mitigations into the process. Provide technical assistance to the District Commission coordinators as needed.	1) Provide letters (and potentially participate in hearings) on Act 250 & Section 248 applications that go to hearing; and 2) Maintain Act 250 database transportation mitigation conditions.	ongoing	\$ 11,551
40	2.3.2	Transportation Advisory Committee (TAC)	Regional	Bryan	Christine, Eleni	Administration of and participation in Transportation Advisory Committee (TAC) meetings.	1) Development of TAC agendas and meeting notes; 2) Facilitation of meetings as necessary; and 3) Participation of staff in TAC meetings.	ongoing	\$ 26,658

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26	2.1.3.33		\$ 2,922		Northwest RPC							\$ -	\$2,922				\$2,922	\$2,922
27			\$ 2,435									\$ 695	\$1,740				\$2,435	\$2,435
28			\$ 12,661									\$ 6,500	\$6,161				\$12,661	\$12,661
29			\$ 7,936									\$ 3,500	\$4,436				\$7,936	\$7,936
30			\$ 22,862									\$ 12,000	\$10,862				\$22,862	\$22,862
31			\$ 56,071		ACCD								\$56,071				\$56,071	\$56,071
32	2.1.5		\$ 24,357		ACCD					\$ -			\$24,357				\$24,357	\$24,357
33	2.2									\$ -								
34	2.2.2	\$ 19,860	\$ -	\$ -	PL	\$ 37,900				\$ 57,760								\$57,760
35	2.2.2.1	\$ 9,059			PL	\$ 10,000				\$ 19,059	\$ -							\$19,059
36	2.2.6		\$ 9,795		VEIC					\$ -		\$8,277	\$1,518				\$9,795	\$9,795
37	2.30									\$ -								
38	2.3.1		\$ 13,969		ACCD					\$ -			\$13,969				\$13,969	\$13,969
39	2.3.1.2	\$ 11,551			PL				\$ -	\$ 11,551								\$11,551
40	2.3.2	\$ 26,658			PL				\$ 2,666	\$ 26,658								\$26,658

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3	Task #		Municipality or Partner Agency	Staff Lead	Staff Support	Task Description	Task Deliverable(s)	End Month/Year	TOTAL \$ CCRPC Staff
41	2.3.2.3	Transportation Policy Planning	Regional	Charlie	Eleni, Jason, Christine	Monitor national, state, regional and local transportation policy development and assist in implementation efforts as appropriate.	1) Maintain an ongoing summary of policy efforts; 2) Implementation of policy objectives; 3) Provide comments on state policies/plans developed by VTrans, as appropriate; 4) Coordinate with VTrans and FHWA on transportation performance measures and targets; and 5) Work with VTrans to revise the existing LOS Policy and develop a new Congestion Policy for urban areas in the county.	ongoing	\$ 22,094
42	2.3.3	Transportation Demand Management (TDM)	Regional	Bryan		Managing regional TDM initiatives and projects in coordination with partners.	1) Coordinate/manage regional TDM projects and initiatives; and 2) Partner coordination with CarShare VT, Local Motion, CATMA, and other partners.	ongoing	\$ 17,097
43	2.3.3.1	CATMA Regional Mobility Management Center & ETC Network Expansion	CATMA	Bryan		CATMA will plan and formalize its service as a Regional Mobility Management Center, while continuing to expand its growing Employee Transportation Coordinator Network (ETCN) and Membership. Establishing CATMA as a Regional Mobility Management Center is a key goal in the 3-Year Strategic Business Plan (2020-2023). CATMA will build on its success as a regional comprehensive TDM resource for businesses, developers and municipalities and increase TDM awareness, ensuring that consistent TDM resources are available, while fostering cooperative, efficient and cost-effective transportation/ parking opportunities.	1) Assess and revitalize a business outreach and marketing plan, including identifying targeted audiences who can benefit from joining CATMA as a Member or ETC Network, and assessing our CATMA brand. 2) Meet with potential clients or projects on TDM opportunities, including collaborative solutions. 3) Continue increasing participation in ETC Network and strengthen its resources, tools and networking capabilities by enrolling 10 new businesses in some TDM capacity (ETC Network or CATMA Member); hosting 2 ETC Events for Members; evaluating design of Network program, including conducting a survey and/or focus group of Network members and strengthen Network based on this data collection; produce quarterly ETC Newsletters; planning and producing a redesign of CATMA ETC Toolkit. 4) CATMA Membership Recruitment and Retainment: evaluate and develop new membership structure with an effective TDM service that supports a sustainable business model; promote membership to clients to invest, commit and sustain TDM at their work site or development.. 5) support member and non-member commuter tabling opportunities. 6) Enhance and market CATMA website as a transportation resource. 7) Strengthen awareness of CATMA as a one-stop information resource and referral for commuters. 8) Respond and support commuters with trip planning assistance. 9) Lead a quarterly regional TDM Partner Network, tag team w/ ETC Network events. 10) Facilitate, plan and develop transition of Greenride Bikeshare to an Electric-Assist bikeshare system. 11) Explore micromobility opportunities, including pilot programs in our region (i.e. e-scooters, on-demand shuttles). 11) Seek, support and coordinate more efficient use of surface and structure parking to CATMA members and/or external interests. 12) Develop data indicators and reports by utilizing data collect to direct more strategic investments, improve system and program performance and provide a better commuter experience.	6/21	\$ -
44	2.3.3.2	CarShare Vermont: Park It Pledge (PIP), Community-Supported Shared Mobility, and Universal Carsharing	CarShare Vermont	Bryan		1) CarShare Vermont has conducted four successful Park It Pledge (PIP) campaigns since 2013, and recruited over 150 households to park a personal vehicle for a sustained period of time (usually 2-3 months) and adopt more efficient and sustainable transportation practices. CarShare Vermont would like to make the PIP a permanent program offering for the community and expose dozens more households to a car-free or car-light lifestyle and stimulate long-term behavior change. 2) Develop new community-supported carsharing/mobility models which can overcome current gaps in viability, and research potential demand for them in order to help extend sustainable transportation options to a broader group of people in more suburban and rural contexts. This would be the initial research phase of a potentially multi-year effort leading to a pilot project next year. 3) The proposed project aims to better understand the mobility needs of community members with disabilities and research the feasibility of improving the accessibility of the CarShare fleet, such as adding a wheelchair accessible vehicle (which several of our peers have successfully done with philanthropic support) or providing adaptive equipment in select vehicles. CarShare Vermont staff would conduct the research, including interviews with peer organizations and local agencies, and conducting focus groups with potential users.	1) Continuation of a successful grassroots outreach campaign that informs hundreds of residents about available transportation options and their benefits; Participation by at least 25 households in a Park It Pledge where they commit to shedding a personal vehicle for three months and adopting more sustainable modes; About 10% of households will permanently shed a vehicle by the end of the pledge. 2) Development of new, hopefully viable models for community-supported carsharing outside of CarShare Vermont's core service area; identify solutions for barriers to sharing vehicles among smaller groups—financial, insurance, technological, geographic, etc.; and identify interested communities, developments, organizations, or municipalities in piloting a community-supported shared mobility model among residents. 3) Develop better understanding of mobility gaps for people with disabilities living and/or working in Burlington; determine feasibility of making CarShare Vermont's vehicles and service more accessible to people with disabilities; identify potential locations for shared accessible vehicles; and research funding opportunities to support efforts to improve accessibility of CarShare Vermont for people with disabilities.	6/20	\$ -
45	2.3.3.3	Local Motion Regional Walk-Bike Planning & Technical Assistance (FY21)	Local Motion	Bryan		WALK-BIKE PLANNING & TECHNICAL ASSISTANCE: Work with municipalities across Chittenden County to incorporate bike and pedestrian design and policy as part of transportation and land use plans and projects, as well as take advantage of opportunities for short-term, on the ground improvements for walking and biking through the coordination of pop-up demos and other related assistance. BIKE COMMUTER TRAINING & SUPPORT: provide bicycling training and consulting through a series of workshops, personalized demonstrations, and other assistance for people using bikes for transportation via workplaces and community centers, and helping employers identify strategies and programs for encouraging walking and biking to work. CULTIVATE LEARNING NETWORKS TO PROMOTE WALKING AND BIKING: Raise the profile of walking and biking, emphasize the connections between active transportation and community/economic vitality through a coordinated event and public education series, and bring together professionals in the field to learn from one another and forge partnerships across the region. CONTRACT ADMIN & COORDINATION: Manage contract and coordinate with CCRPC and other partners.	1) Participate in monthly Transportation Advisory Committee meetings and provide feedback and input on at least 1 major project that has a regional impact. 2) Sit on at least 2 project advisory committees. Provide feedback on at least 5 project designs or plans. Provide at least 10 hours of technical assistance to 2 municipalities outside the most populated areas of Chittenden County for any type of technical assistance listed under the specific task. 3) Identify at least 3 potential demonstration project locations in Chittenden County. Collaborate with municipalities and/or advocacy partners to identify and develop concepts for at least 2 feasible projects. Advise on design and support execution of at least 2 projects using our demonstration project support trailer. Develop and offer trainings and/or resources to support the implementation of successful pop-up demonstrations more widely. 4) Attend at least 10 walk-bike committee meetings in various communities and provide support via technical presentations and other requested services. 5) Compile and make available baseline bike count data on at least 10 sites throughout the county. 6) Offer at least 20 bike commuter workshops with a total of at least 400 participants, and survey all participants regarding their behavior change. 7) Conduct at least 100 e-bike demonstrations.	6/21	\$ -

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41	2.3.2.3	\$ 22,094			PL				\$ -	\$ 22,094	\$ -							\$22,094
42	2.3.3	\$ 17,097			PL/FTA				\$ -	\$ 17,097								\$17,097
43	2.3.3.1	\$ -			PL	\$ 58,000			\$ -	\$ 58,000	\$ 3,630							\$61,630
44	2.3.3.2	\$ -			PL	\$ 28,100			\$ -	\$ 28,100	\$ 2,571							\$30,671
45	2.3.3.3	\$ -			PL	\$ 80,000			\$ -	\$ 80,000	\$ -							\$80,000

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46	2.3.3.4	Way to Go! Challenge	Regional	Bryan	Emma	Way to Go! (WTG) encourages Vermonters to find and use more efficient transportation options to meet their mobility needs. Its purpose is to help lower emissions, conserve energy, and save transportation dollars through reduced single occupancy vehicle (SOV) use. This year, the program will continue to focus on schools to explore new mobility opportunities for students, parents, teachers, and administrators.	Initiate, plan, host and conclude the statewide FY21 Way to Go! program/event in partnership with VTrans. Provide a Way to Go! report to Vtrans.	6/21	\$ -
47	2.3.3.5.1	Way to Go Challenge (Statewide - Go Vermont Funding)	Statewide	Bryan	Emma	Way to Go! (WTG) encourages Vermonters to find and use more efficient transportation options to meet their mobility needs. Its purpose is to help lower emissions, conserve energy, and save transportation dollars through reduced single occupancy vehicle (SOV) use. This year, the program will continue to focus on schools to explore new mobility opportunities for students, parents, teachers, and administrators.	Initiate, plan, host and conclude the statewide FY21 Way to Go! program/event in partnership with VTrans. Provide a Way to Go! report to Vtrans.	6/21	\$ -
48	2.3.3.6	MTI Grant: Greenride bikeshare e-bikes and expansion	Statewide	Bryan		In November (2020) the CCRPC was awarded a VTrans Mobility Transportation Innovation (MTI) Grant to support Greenride Bikeshare expansion and fleet replacement with electric assist bicycles. The grant could also potentially serve as a match for a previously awarded VTrans Bike/Ped Grant to South Burlington to purchase additional bike racks and station signs to double the number of stations in the system.	We will work with bikeshare partners to determine specific deliverables associated with the grant.	6/21	\$ 2,959
49	2.3.4	Transit Oriented Development (TOD) Public Transportation Planning Assistance	Regional	Marshall	Eleni	Staff coordination and technical assistance for TOD and Public Transportation related projects.	1) Staff will continue to coordinate with GMT and other partners in the implementation of all elements of Public Transit Planning in the county; including transit studies for the communities of Jeffersonville, Underhill, and Cambridge (tristown) as well as Shelburne; 2) Schedule and facilitate the quarterly meetings of the regional E&D (Elderly and Disabled) Committee in collaboration with GMT; 3) Facilitate the development of Regional E&D Committee work plans, goals and objectives. 4) Help VTrans with centralized tracking of some E&D basic information; 5) Facilitate E&D Ridership Survey follow ups; and 6) Assist VTrans with organizing the annual E&D Summit.	ongoing	\$ 29,570
50	2.3.4.1	Transit Service & Operations Planning (GMT)	Regional	Marshall	Eleni	Transit Planning conducted by GMT in Chittenden County.	1) Service Planning: Route Analysis, Automate Vehicle Location Technology, Comprehensive Service Guidelines Policy & Document, Farebox & Ridership Data Management, Communication, Driver Scheduling, Transportation Working Groups. 2) Capital Projects Planning: Bus Stop Audit, Bus Stop Placement Guidelines, Vehicle Replacement & Infrastructure Planning. 3) NTD reporting: FTA reporting, annual requirement; 4) Ridecheck: Annual survey of boardings/deboardings; and 4) Special Planning Projects: Artistic Wayfinding & Marketing, Integration with Regional Transportation Partners, Technological Service Enhancements, Service Equity, New Service Analysis. GMT Planning Staff in collaboration with CCRPC staff will be working with the communities of Jeffersonville, Underhill, and Cambridge to assess different options for a mid-day trip as well as a toolkit for potential microtransit options. GMT and CCRPC staff will also prepare a transit study for Shelburne that will do the following: 1) identify community goals and problems associated with transit accessibility and service, 2) generate, evaluate, and prioritize alternative solutions, and 3) propose a plan for implementation.	6/21	\$ -
51	2.3.4.16	Neighbor Rides Senior & Persons with Disabilities Ride Share Program (FY21) & Elderly and Disabled Transit Service Review (Phase 2)	United Way of Northwest Vermont	Marshall	Charlie, Eleni	The proposed project to evaluate Chittenden County's volunteer driver program is a result of the deep stakeholder engagement effort we completed in 2019 with the Chittenden County Elderly and Persons with Disability (E&D) partners. The goal is to identify opportunities to improve the current volunteer driver program supporting SSTA's paratransit services while also exploring opportunities for greater collaboration among the community-based volunteer driver programs. If successful in our planning efforts, this project will deliver a strategy to increase Chittenden County's volunteer driver utilization and build partnerships between the various volunteer driver programs to more effectively meet our community's mobility need. Work with partners to determine how to better organize a more efficient and effective E&D Transit Service in Chittenden County and implement program improvements from 2019 research.	1) Map out Neighbor Rides existing volunteer driver program and process. 2) Evaluate Neighbor Rides program performance through stakeholder feedback (SSTA, GMT, E&D Partners) and performance metrics. Explore current and future program needs. 3) Research community-based volunteer driver programs like Age Well, Hinesburg Rides (no longer operating), Vermont Association for the Blind and Visually Impaired, etc. 4) Identify opportunities for improvement to the Neighbor Rides volunteer driver program in alignment with stakeholder needs and existing community-based programs. 5) Refine and prioritize opportunities for improvement. 6) Develop project scope of work to implementing program changes, if necessary and draft program performance measurements for on-going assessment. 7) Work with partners to implement E&D program recommendations to improve services in Chittenden County.	6/21	\$ 9,382
52	2.3.4.22	Kimball Ave / Kennedy Drive / Old Farm Road / Tilley Drive / VT 116 Transportation Needs Analysis (Phase 2)	South Burlington	Christine	Eleni	Phase 2 continues in FY 19 and FY20 as alternatives are evaluated to address long-term, multi-modal transportation needs to accommodate anticipated significant development in this area.	Phase 2: Preferred Alternative, 2035 Area Plan.		\$ 6,595
53	2.3.4.30	City Center Parking & Movement Plan (Phase 1) So. Burlington	So. Burlington	Christine		The project would get the City started into how manage parking and movement of people (employees, especially) in City Center. Building on the broad Transportation Demand Management option report from 2015, this would begin to establish what the City will need to do both physically and systematically to manage parking and maximize efficiency in the coming years as City Center builds out.	Specific short, medium, and long-term programmatic recommendations (e.g.: establishment of a special maintenance district, paid parking deployment and enforcement structure, etc.). Specific short, medium and long-term infrastructure needs (public parking areas, TDM systems etc.). Public outreach materials - summary report of findings	6/20	\$ 1,979
54	2.3.4.34	Intermodal Facilities and Official Map (Williston)	Williston	Marshall & Taylor	Pam, Sai, Regina, Eleni	The proposed project will: 1) Investigate where inter-modal transportation facilities would best be located in Williston and what types of needs each facility would address, and would also involve a prioritization process considering needs, opportunities, costs and feasibility; and 2) Work with town staff and citizens to develop a draft Official Map for Williston to be used within the town's regulatory framework when determining the location, type, and extent of desired street, sidewalk, multi-use path, and trail facilities.	1) Prioritization matrix for local intermodal facility sites; and 2) Draft Official Map for Williston.	12/20	\$ 22,331
55	2.3.4.36	E&D, ADA & Medicaid Call Center Feasibility Study - Deferred to FY22	Regional	Marshall	Charlie, Eleni	Coordinate with GMT and SSTA to evaluate the feasibility to consolidate the call center operations for Elderly and Disable (E&D), ADA, and Medicaid transportation. Both GMT and SSTA expressed their support for this project	Feasibility analysis report on possible consolidation of the call center.	6/22	\$ -

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46	2.3.3.4	\$ -		\$ 40,000	PL				\$ -	\$ 40,000	\$ 1,350							\$41,350
47	2.3.3.5.1			\$ 40,000	Go Vermont					\$ 40,000								\$40,000
48	2.3.3.6		\$ 2,959		VTrans/MT1?				\$ -	\$ -	\$ -	\$2,959				\$0	\$2,959	\$2,959
49	2.3.4	\$ 29,570			PL/FTA				\$ -	\$ 29,570								\$29,570
50	2.3.4.1	\$ -			PL/FTA		\$ 402,340		\$ -	\$ 402,340	\$ 78,488							\$480,828
51	2.3.4.16	\$ 9,382			PL	\$ 47,000				\$ 56,382								\$56,382
52	2.3.4.22	\$ 6,595			PL				\$ 330	\$ 6,595	\$ 530							\$7,125
53	2.3.4.30	\$ 1,979			PL					\$ 1,979	\$ -							\$1,979
54	2.3.4.34	\$ 22,331			PL	\$ -				\$ 22,331	\$ -							\$22,331
55	2.3.4.36	\$ -			PL					\$ -	\$ -							\$0

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3	2.3.4.37	Winooski Parking Inventory, Analysis, and Management Plan	Winooski	Jason	Sai, Chris	The City of Winooski seeks assistance through consultants, CCRPC staff, or both; for continuing efforts of the 2017 Downtown Parking Plan and develop a parking needs inventory and analysis, and management plan. This effort will support future updates to the parking ordinance (Chapter 15 of the Municipal Code) and land development regulations, and include recommendations for enforcement, expansion of metered parking, and other parking management initiatives. Specific focus will be on Main Street, East Allen Street, Malletts Bay Avenue, Weaver Street, and Spring Street, but outcomes should be transferrable throughout the City. This is not proposed as a multi-year effort.	1) Specific data related to existing parking inventory, future parking inventory, and the impacts proposed infrastructural changes and redevelopment of properties will have on parking needs/demand; 2) Recommended actions for the City to implement regarding parking management, enforcement, and needs in the public inventory. 3) Recommendations on opportunities for shared use parking either in public or private facilities and how these facilities may be effectively managed. 4) Recommendations for alternative transportation options in-lieu of parking in appropriate locations.	6/21	\$ 18,137
56	2.3.4.38	Form-Based Code for Williston's Growth Center	Williston	Taylor	Regina, Christine, Jason	This is a single-year effort to develop a form-based code for Williston's state-designated Growth Center. This project will include an assessment of the challenges and opportunities presented by pending transportation improvements in the Growth Center, will encompass all aspects of public, stakeholder, and Town official input, and will result in a regulating plan and form-based land development code for the Growth Center that prescribes the location and design of new transportation infrastructure while addressing the site plan and structure requirements for new development there.	A regulating plan and form-based code, covering new vehicle, bicycle, and pedestrian infrastructure and land development stand architectural standards for the lands of Williston currently within the state-designated Growth Center. The plan and code will be in a form that is ready for Planning Commission and Selectboard hearings and adoption.	6/22	\$ 34,698
57	2.3.6	Technical Assistance to Advance ECOS/MTP/TIP Implementation - Local, Regional & State	Local/Regional/State	Eleni	All Trans Staff	Provide transportation technical assistance to Chittenden County municipalities for plans, projects and initiatives at the local level that help advance the Metropolitan Transportation Plan (MTP), Transportation Improvement Program (TIP) as well as the ECOS Strategies. Municipal technical assistance includes but not limited to: complete streets evaluation, traffic calming measures, traffic control warrants, speed studies, autonomous vehicle feasibility studies, etc. Provide transportation technical assistance to advance the implementation of State & Regional level ECOS/MTP and TIP projects and initiatives.	Delivery of transportation technical assistance to municipalities either with in-house staff or through consultants. Deliverables could include: speed studies; signal warrants; stop sign warrants; intersection capacity (LOS) analysis; sight distance studies; etc. At a regional and state level deliverables include: 1) Provide technical assistance to state and regional partners on a variety of transportation issues; 2) Assist with TPI meeting coordination and attend TPI meetings; 3) Participation in VTrans and FHWA recommended training; 4) Participation in various Legislative studies, task forces, councils, committees and state planning processes; modal plans; and other federal and state planning efforts; 5) Assist VTrans with municipal and public outreach and coordination for specific projects and initiatives; 6) Prepare the SFY 2020 TPI/VAPDA Performance Report that includes transportation performance measures; and 7) Participate in Transportation flood resilience planning activities and workshops;	Ongoing	\$ 142,528
58	2.3.6.7	Update to So. Burlington Transportation Impact Fee Ordinance	South Burlington	Eleni	Sai	The City's Impact Fee Ordinance pertaining to transportation has not been updated since 2009. This project will update the Ordinance to account for non-vehicle projects more fully and to point to the CIP as the project list for future improvements.	Updated traffic impact fee ordinance for South Burlington	6/21	\$ -
59	2.3.6.14	Transportation Impact Fee Study (Winooski)	Winooski	Marshall	Jason	Through this Transportation Impact Fee Study we will evaluate and provide the future foundation for infrastructure costs that may be attributed to growth and development. Additionally, this study will provide a regional assessment of what the market can bear, point to the City's Capital Improvement Plan's projects as the funding options for future fee revenues, and propose an ordinance for consideration by the City Council.	Finalized transportation impact fee proposal for consideration by the City Council.	6/21	\$ 4,213
60	2.3.6.18	North Williston Road Traffic Calming Evaluation -Williston	Williston	Jason	Sai, Chris	The North Williston Rd Scoping study was completed in 2017, with the preferred alternatives being implemented in stages as funding is available. Phase I of the traffic calming measures were installed in 2018. This study will evaluate the Phase I traffic calming measures before continuing to Phase II of the installation of additional measures.	A report evaluating the Phase I traffic calming measures for the North Williston Road.	6/21	\$ 7,848
61	2.3.6.19	Regional Ash Tree Inventory in Public ROWs	Regional	Dan	Pam, Regina	Regional ROW Ash Tree Inventory in preparation for development of Emerald Ash Borer Infestation Response Plans for participating municipalities.	Ash Tree Inventories for participating municipalities.	6/21	\$ 16,560
62	2.3.6.20	City of Burlington School District (BSD) School Travel Plan and Traffic Control Plan.	Burlington	Jason	Sai, Melanie, Bryan	Complete a School Travel Plan and Traffic Control Plan for all elementary, middle, and high schools in the Burlington School District. Follow guidance from the MUTCD Part 7 and Safe Routes to Schools Program.	A traffic control plan and map for each school in the Burlington School District.	6/21	\$ 27,409
63	2.3.6.21	South Winooski Avenue Signal Timing Review	Burlington	Sai	Jason	The City of Burlington is preparing to reassign the travel lanes along the 4-lane section of South Winooski Avenue, between Pearl St and Main St. The new configuration will include bike lanes and travel lanes in both directions and a center turn lane/turn pockets at intersections. A design engineer will be hired in 2020 to design the new roadway configuration and traffic signal changes. The City is requesting CCRPC staff assistance to review the proposed signal changes, associated turn lane assignments, and traffic assumptions for these changes.	Results of the CCRPC Staff review of lane re-assignments and signal timing changes.	9/20	\$ 501
64	2.3.6.22	Development of Performance Parameters for the Shelburne Street Roundabout	Burlington	Jason	Sai, Chris	The Shelburne Street Roundabout is anticipated to go to construction in 2021. The construction phase is anticipated to last 2-3 years. We are requesting assistance in the development of performance parameters which DPW staff will use to monitor and measure the success of the new roundabout. These metrics will help City staff identify any design deficiencies and determine the need for immediate or future improvements.	Performance measures for the Shelburne Street Roundabout in Burlington.	6/21	\$ 6,775
65	2.3.6.23	Huntington Bridge Improvement & Maintenance Plan	Huntington	Sai	Jason	Develop a Capital Plan for repair and maintenance of Huntington's 30 bridges & major culverts to guide ongoing maintenance and repair or replacement of necessary elements. Significant weather events have caused extensive river migration & erosion, thus impacting the stability & adequacy of river crossings since the previous bridge improvement plan from the early 2000s.	Final Bridge Improvement Report & Capital/Maintenance Plan	6/21	\$ 7,467
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	2.3.4.37	\$ 18,137		\$ -	PL	\$ 59,995				\$ 78,132	\$ -							\$78,132
56	2.3.4.38	\$ 34,698		\$ -	PL	\$ 112,440				\$ 147,138	\$ -							\$147,138
57	2.3.6	\$ 142,528		\$ 27,798	PL				\$ -	\$ 170,326	\$ -							\$170,326
58	2.3.6.7	\$ -			PL					\$ -	\$ 10,418							\$10,418
59	2.3.6.14	\$ 4,213			PL					\$ 4,213	\$ 8,543							\$12,756
60	2.3.6.18	\$ 7,848			PL	\$ -				\$ 7,848	\$ -							\$7,848
61	2.3.6.19	\$ 16,560			PL				\$ -	\$ 16,560								\$16,560
62	2.3.6.20	\$ 27,409			PL	\$ 40,000				\$ 67,409								\$67,409
63	2.3.6.21	\$ 501			PL	\$ -				\$ 501								\$501
64	2.3.6.22	\$ 6,775			PL	\$ -				\$ 6,775								\$6,775
65	2.3.6.23	\$ 7,467			PL	\$ 40,000				\$ 47,467								\$47,467
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67	2.3.6.24	Jericho Official Map - On-hold	Jericho	Melanie	Bryan	The map will focus on increasing multi-modal connections between Riverside and Jericho Corners village centers, with the Commercial District in between. Developing a road network, multiuse trails, a park and ride, and other infrastructure improvements off and along RT 15. The project will include paths and trails to connect areas of Town, including schools and village centers, as already identified in the 2015 Bike and Pedestrian Master Plan.	Draft Official Map for Jericho.	6/22	\$ 1,455
68	2.3.6.25	Williston Crosswalk Analysis	Williston	Sai	Chris	Crosswalk analysis for Upper Old Stage Road crossing Mountain View	Results of the Crosswalk Analysis.	6/21	\$ 3,236
69	2.3.7	Bike Ped Planning - Local and Regional	Local/Regional	Bryan	Marshall	Assist VTrans and other state and regional partners with planning efforts related to walking and biking as needed. Provide advice/assistance to municipal planning efforts related to walking and biking.	1) Implementation of a comprehensive regional bike/ped planning program; 2) Participate in VTrans' On-Road Bicycle Facilities Plan and other initiatives as necessary; 3) Review and comment on work products generated by VTrans; 4) Staff will continue to assist Safe Routes to School, as needed, with general outreach, participation in School Travel Plan working groups, and support for data collection and monitoring; and 5) Implementation of a comprehensive local bike/ped planning program.	ongoing	\$ 45,428
70	2.3.7.4	Close the Gaps in Regional Bike Facilities	Regional	Bryan	Pam	This effort by CCRPC staff will focus on identifying proposed off-road transportation links that can be used to close existing gaps of on-road bike and ped facilities in order to enhance network connectivity and improve safety of bicyclists and pedestrians.	Maps of regional off-road paths that could be used to close the gaps for the on-road bike network.	6/21	\$ 14,812
71	2.3.7.5	Richmond Bike/Ped Master Plan	Richmond	Bryan	Marshall	Richmond seeks to create a master plan to guide the establishment of a full-fledged Complete Streets network. Project goals include identifying existing connections that can be incorporated into the future network, analyzing Town roads to determine their respective potential to be upgraded to accommodate multimodal traffic, and drafting conceptual designs for the adaptation of roads.	Richmond Bike/Ped Master Plan and Report.	6/21	\$ 15,074
72	2.3.7.6	South Burlington Bike/Ped Mapping Phase II - In-house staff assistance. Consultant assistance deferred to FY22.	South Burlington	Chris	Pam	The City & CCRPC recently completed a mapping inventory of the city's bicycle path segments, including type, side of the street, and location of existing & anticipated connections. Phase II of this project would add data fields and catalogue existing conditions in preparation for future infrastructure improvement projects. Specifically, data fields and field assessment of bridge condition, recreation pathwidth and condition, and street/path integration would be collected.	Addition of data fields to the GIS mapping completed this past year and field assessment of condition of recreation path bridges and recreation path segments, including width of paths and wooden bridge condition.	6/22	\$ 6,801
73	2.3.7.7	Shelburne Bicycling and Pedestrian Connectivity Study - Deferred to FY22	Shelburne	Jason	Marshall, Pam, Bryan	The Town of Shelburne seeks CCRPC and consultant assistance preparing a Bicycling and Pedestrian Connectivity Study. The study would 1) identify community goals and problems associated with bicycling/pedestrian connectivity, 2) generate, evaluate, and prioritize alternative solutions, and 3) propose a plan for implementation, including a town wide map and conceptual project schedule.	An implementable plan to improve bike and ped connectivity in Shelburne.	6/22	\$ 10,267
74	2.3.7.8	Pilot Mobility Audit - Old North End	Old Spokes Home	Bryan	Jason	Complete a neighborhood mobility audit to identify transportation investments that will improve pedestrian, bicycle, and transit access for traditionally underserved residents within Burlington's Old North End (ONE) to area jobs and essential services. This effort will be based on the methodology used in the Livable Polk Initiative of the Polk Transportation Planning Organization (FL) to establish a unified approach for analyzing access to essential services and create indices to assist in the evaluation of each neighborhood's overall mobility, including the assessment of opportunities to walk, bike, or take transit and gaps and barriers that may hinder walking, biking, or accessing transit. The project will include surveys/interviews/focus groups with traditionally underserved populations in the ONE to understand their specific experiences, needs, and barriers.	The project's outcome will be to recommend strategies to enhance walking, biking, and transit connections to area jobs and essential services (e.g., shopping, educational centers, medical care facilities, etc.) at a neighborhood level, as well as suggestions on how to involve and engage traditionally underserved populations in planning projects.	6/21	\$ 13,755
75	2.3.7.9	CCRPC Bicycle Count Program Evaluation and Data Analysis	UVM TRC	Bryan	Chris, Jason, Marshall	This is a collaborative project between the UVM TRC and the CCRPC. This project will: 1) determine the progress that has been made on the Active Transportation Plan since its adoption in 2017 and update the priority recommendation; and 2) develop a comprehensive bicycle count program for the CCRPC that over time will assist in bicycle planning in the future.	1) Updated 2017 Active Transportation Plan priority recommendations. 2) CCRPC bicycle count program.	6/21	\$ 18,544
76	2.3.8.24	Bikeway Connectivity, Pedestrian Safety, and Stormwater Management in the Old North End - Burl	Burlington	Bryan	Marshall	This project should evaluate options for low-stress bikeways that will connect the Battery Park shared use path, the Old North End Neighborhood Greenway, and the upcoming Lakeview Terrace and Depot Street Neighborhood Greenways. This may include options through Battery Park and on adjacent roadways, which could include but may not be limited to North Avenue, North Street, Front Street, Park Street, and Summer Street.	Report detailing the various options evaluated and the preferred alternative for low-stress bikeways in the Old North End.	6/20	\$ 11,837
77	2.3.8.25	River Road/Pleasant Valley Road Bicyclist Accommodation and Pavement Analysis (Underhill)	Underhill	Marshall	Sai, Eleni	The project will identify safety improvements for bicyclists and motorists who use River Road and Pleasant Valley Road, which tend to be high-traffic and high-speed roads, particularly during commute times. Inadequate, crumbling shoulders on these roadways create safety conflicts between bicyclists and motorists. Moreover, prior to 2018 resurfacing, the pavement was compromised with deep and persistent rutting creating an additional hazardous condition for bicyclists. The abbreviated lifespan of area resurfacing projects is taken to be an indication of a roadway subbase issue. The goals of this study would be to evaluate and recommend improvements for bicyclists and the roadway. Evaluation to include consideration of utilization of Irish Settlement Road (as opposed to Pleasant Valley Road) as the primary means for bicyclists reaching points north (Cambridge, Lamoille Rail Trail, etc.) of Underhill Center.	Report with recommended roadway cross-section that includes safe facilities for bicyclists. Condition of the base/sub-base of the roadway will also be investigated.	3/21	\$ 10,554

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67	2.3.6.24	\$ 1,455			PL	\$ -				\$ 1,455								\$1,455
68	2.3.6.25	\$ 3,236			PL	\$ -				\$ 3,236								\$3,236
69	2.3.7	\$ 45,428			PL				\$ -	\$ 45,428								\$45,428
70	2.3.7.4	\$ 14,812			PL				\$ -	\$ 14,812								\$14,812
71	2.3.7.5	\$ 15,074			PL	\$ 40,000			\$ -	\$ 55,074								\$55,074
72	2.3.7.6	\$ 6,801			PL	\$ -			\$ -	\$ 6,801								\$6,801
73	2.3.7.7	\$ 10,267			PL	\$ -			\$ -	\$ 10,267								\$10,267
74	2.3.7.8	\$ 13,755			PL	\$ 10,000			\$ -	\$ 23,755								\$23,755
75	2.3.7.9	\$ 18,544			PL	\$ 57,000			\$ -	\$ 75,544								\$75,544
76	2.3.8.24	\$ 11,837			PL	\$ -				\$ 11,837	\$4,030							\$15,867
77	2.3.8.25	\$ 10,554			PL	\$ -				\$ 10,554	\$14,827							\$25,381

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78	2.3.9	Intermodal Transportation Planning (Air, Rail, Ferry, Park and Ride, Freight)	Regional	Eleni	Marshall, Charlie	Coordinate intermodal transportation planning in the county, including surface transportation connections for passengers and freight to air, rail, ferry, and park and ride facilities.	1) Facilitation of and participation in state and regional intermodal planning activities, including: Rail, Park & Ride and Freight projects/initiatives; 2) Coordination with the Burlington International Airport; and 3) Participate in the development of the State Freight and Rail Plans. Participation might include: attending working groups, steering committees, and/or advisory committees, assisting with outreach to local officials and the public, providing data, reviewing and commenting on document drafts and dissemination of information to TACs and the public.	ongoing	\$ 39,773
79	2.3.9.2	Exit 17 Park & Ride Supplemental Evaluation	VTrans			This study is a supplement to the Grand Isle County Park & Ride Scoping Study completed recently by the Northwest RPC and VTrans. The evaluation will focus on traffic and safety analyses of a potential state-owned and operated Park & Ride site at Jasper Mine Road in Colchester (Exit 17). The study will also include coordination with Colchester and Milton on this potential Park & Ride.	1) Results of the traffic and safety analyses; and 2) Outcomes of the municipal outreach.	3/21	\$ -
80	2.3.10	ITS (Intelligent Transportation Systems) & TSM (Transportation System Management)	Regional	Sai	Jason, Eleni	Implement the 2016 Regional ITS Plan recommendations by enhancing capacity of the existing transportation network through signal optimization for selected high-volume corridors.	Conduct signal optimization for selected corridors as necessary. Participate in the VTrans managed project to upgrade traffic signal and communications infrastructure for 17 intersections on US7 (Shelburne Road).	ongoing	\$ 16,966
81	2.3.10.2	Real Time Traffic Information (separate grant)	Regional	Sai	Eleni	In close coordination with the VTrans, the CCRPC will plan, design and implement advanced traffic monitoring systems (ATMS) for five corridors in the county to collect travel times and average vehicle speeds through anonymously tracking Bluetooth (BT) devices carried by motorists (cell phones) and vehicles.	Deployment of BT monitoring devices in five Chittenden County corridors to collect real time speed and travel time information which will be utilized by the VTrans ATMS and TIS systems through the State Traffic Operations Center (TOC).	6/22	\$ 9,377
82	2.3.13	Corridor Planning & Coordination for Implementation Plan Advancement	Local/Regional	Eleni	Sai	Participate in VTrans' Transportation Corridor Management Planning efforts. Coordinate with Municipalities, VTrans (as appropriate) and other stakeholders to advance corridor implementation plans and continue advancement of local and regional corridor studies.	1) Coordination with municipalities, modal partners, VTrans and other stakeholders regarding implementation of local and regional corridor plans; and 2) Participation in VTrans' Transportation Corridor Management Planning efforts.	ongoing	\$ 10,322
83	2.3.13.3	Burlington Winooski Avenue Corridor Study - Phase 3	Burlington	Bryan	Eleni	During Phase 2, a comprehensive multimodal transportation plan was developed for Winooski Avenue in Burlington from Riverside Ave to Howard St, that addresses safety, capacity, and connectivity for all modes. During Phase 3, a comprehensive Parking Management Plan for North Winooski Ave/Old North End will be conducted and based on the outcomes of this effort, short-term recommendations developed for the corridor. The majority of Phase 3 will occur in FY22.	Results of the parking management plan that will inform the short-term term multimodal improvements for North Winooski Avenue.	6/22	\$ 11,626
84	2.3.13.4	Chittenden County I-89 2050 Study (Regional)	Regional	Eleni, Charlie	Jason, Sai, Regina	This is the second year of a multiyear study. The broad intent of this study is to assess the safety, capacity, resiliency and other needs of Interstate 89 and all interchanges in Chittenden County; identify existing and future multimodal needs; develop and evaluate improvements strategies; examine transportation and land use impacts of possible new or expanded interchanges; determine asset management/maintenance needs; and develop an implementation plan for making investments.	Short and long term improvement plan for the I-89 Corridor and Interchanges in Chittenden County.	12/21	\$ 70,140
85	2.3.13.5	Chittenden County I-89 2050 Study (VTrans Funding)	VTrans	Eleni, Charlie	Jason, Sai	This is the second year of a multiyear study. The broad intent of this study is to assess the safety, capacity, resiliency and other needs of Interstate 89 and all interchanges in Chittenden County; identify existing and future multimodal needs; develop and evaluate improvements strategies; examine transportation and land use impacts of possible new or expanded interchanges; determine asset management/maintenance needs; and develop an implementation plan for making investments.	Short and long term improvement plan for the I-89 Corridor and Interchanges in Chittenden County.	12/21	\$ -
86	2.3.13.6	Bridge Street (Richmond) Complete Streets Corridor Study	Richmond	Jason	Sai, Bryan	The Bridge Street Complete Streets Corridor Study is the planning portion of a project to upgrade Bridge Street—the primary social, commercial, and transportation node of the Town located in the heart of Richmond Village—into a Complete Street. This study will build on a feasibility study conducted in 2010, and examine new commercial/residential developments in the Railroad Street/Jolina court area, bike/ped connectivity on the east side of Bridge Street between Route 2 and Jolina Court as well as the Bridge Street/Cochran Road/Huntington Road intersection, and the upzoning in zoning districts along the Bridge Street corridor leading to more density.	A comprehensive implementation plan for Bridge Street that provides short and long term multimodal improvements for the corridor, conceptual plans and cost estimates needed to implement the improvements.	6/21	\$ 23,978
87	2.3.16	Scoping Studies (Local and Regional)	Local/Regional	Eleni		Continued advancement of local and regional scoping studies.	Coordination with municipalities, VTrans and other stakeholders regarding implementation of local and regional scoping studies.	ongoing	\$ 12,276
88	2.3.16.17	Lower Village Supplemental Scoping (Huntington)	Huntington	Jason		This supplemental scoping will build on previous work completed in 2016 to address pedestrian, bicycle, bus, truck and vehicular traffic in Huntington's Lower Village. This study will develop conceptual alternatives endorsed by the Selectboard that address safety, mobility, stormwater and other identified issues in the study area.	Preferred alternative endorsed by the town Selectboard for the Huntington Lower Village.	6/21	\$ 2,003
89	2.3.16.18	Multiuse Path Connecting Williston to South Burlington - Supplemental Scoping	South Burlington/Williston	Christine		Conduct a detailed evaluation of the obstacles of the preferred alternative, identified in the 2006 & 2010 Scoping Studies, for a multiuse path connecting Williston and South Burlington over Muddy Brook. This study will focus on the alignment along Marshall Ave and will include evaluation of impacts on wetlands, right-of-way and archaeological sensitive areas, and permitting, among others.	Revised scoping report with detailed information on wetlands, right-of-way, historic, archaeological, permitting, and other identified issues.	12/20	\$ 2,771
90	2.3.16.19	Queen City Park Road Sidewalk Scoping	Burlington/South Burlington	Christine	Sai	Queen City Park Road is split between South Burlington and Burlington and connects residential, recreation and commercial land uses. Presently, sidewalk exists on the south side of QCP, but a large ~700 ft gap is missing from the Champlain Water District to Central Avenue. Central Avenue is home to South Burlington's Red Rocks Park and its Red Rocks residential neighborhood.	Final scoping report with a preferred sidewalk alternative.	6/22	\$ 9,296

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78	2.3.9	\$ 39,773			PL				\$ -	\$ 39,773	\$ -							\$39,773
79	2.3.9.2	\$ -		\$ 13,000	VTRANS CMAQ					\$ 13,000	\$ -							\$13,000
80	2.3.10	\$ 16,966			PL				\$ -	\$ 16,966	\$ -							\$16,966
81	2.3.10.2		\$ 9,377		FHWA				\$ -	\$ -	\$ -	\$9,377				\$40,000	\$49,377	\$49,377
82	2.3.13	\$ 10,322			PL				\$ -	\$ 10,322								\$10,322
83	2.3.13.3	\$ 11,626			PL	\$ -			\$ -	\$ 11,626	\$ 20,000							\$31,626
84	2.3.13.4	70,140		\$ 380,073	PL				\$ 13,506	\$ 450,213	\$ 87,554							\$537,767
85	2.3.13.5			\$ 55,000	FAFF					\$ 55,000	\$ -							\$55,000
86	2.3.13.6	\$ 23,978		\$ -	PL	\$ 40,000				\$ 63,978	\$ -							\$63,978
87	2.3.16	\$ 12,276			PL				\$ -	\$ 12,276								\$12,276
88	2.3.16.17	\$ 2,003			PL					\$ 2,003	\$ 1,769							\$3,772
89	2.3.16.18	\$ 2,771		\$ -	PL				\$ -	\$ 2,771	\$ 1,020							\$3,791
90	2.3.16.19	\$ 9,296		\$ 25,000	PL				\$ -	\$ 34,296	\$ 40,000							\$74,296

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91	2.3.16.21	Colchester Avenue Protected Bike Lanes and East Avenue Intersection Improvements (Burlington)	Burlington	Jason	Marshall	This is a scoping study to investigate safety issues at the Colchester Ave/East Ave intersection (High Crash Location) and develop alternatives to address these issues as well as investigate the feasibility of protected bike lanes along Colchester Avenue and other improvements to provide for safe travel of pedestrians and bicyclists at this intersection.	A report summarizing the scoping process and identifying preferred alternatives.	6/21	\$ 12,135
92	2.3.16.22	Tanglewood Drive Shared-Use Path and Stormwater Scoping Project-Essex	Essex	Bryan	Chris	This study will include scoping for a multiuse path and stormwater improvements along Tanglewood Drive. The Tanglewood Drive neighborhood currently lacks adequate infrastructure for bicyclists and pedestrians. Moreover, the roadway's 40-ft cross section contributes to significant stormwater runoff into a gully located at the end of Fern Hollow Road, which has caused significant erosion and has contributed to an increase in the sediment load to the Alder Brook watershed. This study will seek to identify alternatives to enhance safety for bicyclists and pedestrians, while also identifying opportunities to reduce the stormwater runoff from the transportation system.	A scoping report that identifies preferred alternatives for a pedestrian/bicycle facility and stormwater treatments, including conceptual plans and planning level cost estimates of the alternatives.	6/21	\$ 1,578
93	2.3.16.23	Richmond Road Intersection Scoping - Hinesburg	Hinesburg	Jason	Marshall	Conceptual plans to modify the intersection of Richmond Road, North Road, and Texas Hill Road, and reclaim the curved roadway and associated parking area to serve as public space. Existing GMT transit stop to be retained. Possible public space opportunities could include a playground with benches and tree plantings for an underserved part of the community, and a terrific terminus for the future Richmond Road sidewalk (per 2016 CCRPC-funded feasibility study). Project elements: a local concerns meeting, design options by a landscape architect, a follow up public meeting to present options, a final report, and a cost estimate.	1) Community involvement to spur engagement and understanding of needed safety and public space improvements; 2) Final report assessing alternatives – both for intersection redesign and for public space improvements; 3) Conceptual plans; and 4) Planning level cost estimates.	9/20	\$ 4,313
94	2.3.16.24	Jericho Riverside Village Sidewalk Scoping Study	Jericho	Christine	Marshall	Sidewalk scoping to close the network gaps around the Riverside village triangle.	A report summarizing the scoping process and identifying the preferred alternative.	6/21	\$ 15,790
95	2.3.16.25	Jericho Bolger Hill Road Supplemental Scoping	Jericho	Christine	Dan	This project builds on a feasibility study that investigated drainage issues and evaluated improvement options for Bolger Hill in Jericho. This subsequent study will further evaluate the preferred option by conducting a survey, investigating impacts to environmental resources, and drafting conceptual plans to more accurately develop cost estimates for stormwater improvements at Bolger Hill.	A supplemental scoping report with updated information on the feasibility of the preferred alternative and updated implementation costs.	6/21	\$ 8,994
96	2.3.16.26	South Burlington Multi-site Intersection Scoping	South Burlington	Sai	Jason	This project would evaluate alternatives for 2-3 roadway intersections that the City has identified as being likely candidates for upgrades in the coming years due to city objectives and/or new development. Evaluation could include examining options for signals vs roundabouts, and how to appropriately balance the needs of trucks, cars, bicycles, and pedestrians based on land uses, site conditions, and overall city transportation goals. Candidate intersections would be determined at the start of the project, but could include locations such as Old Farm Road / Kimball Ave; Spear Street / Quarry Hill Road; Hinesburg Road / Meadowland Dr (in coordination with the Agency of Transportation); and Swift Street / Spear Street.	Conceptual plans and preliminary cost estimates for evaluated intersection(s).	6/21	\$ 8,630
97	2.3.16.27	Williston Route 2A Connector Path Scoping Study	Williston	Christine	Sai	Scoping study to evaluate and identify the preferred alignment for a path connection along Beaudry Lane to Route 2A, then parallel to Route 2A to the Vermont State Employee's Credit Union. This path once constructed will connect Essex to Taft Corners.	Scoping report detailing the process and indicating the preferred alternative.	6/21	\$ 12,897
98	2.3.18	Transportation Model - Ongoing Upgrades and Model Runs	Regional	Jason	Eleni/Sai	1. Enhancements and updates to the travel demand model; 2.On-call assistance from RSG on modeling issues and projects.	1) Updated travel demand model as needed; and 2) Model runs upon request from VTrans and municipalities for projects not included in the UPWP.	ongoing	\$ 3,128
99	2.3.19	Transportation Improvement Program (TIP)	Regional	Christine		Process amendments for the current TIP and develop the new FY2021-2024 TIP. Complete the 2021 Capital Program prioritization. Review progress of planned and scoped projects in the county. Continue to participate in the development and testing of the new VTrans project prioritization methodology (VSP2). Review and provide input on VTrans' New Project Summaries (NPS) for asset management projects.	1) TIP amendments as needed; 2) CCRPC staff will provide VTrans regional priorities for transportation projects based upon a list provided by VTrans; 3) Develop FY2021-2024 TIP; 4) Aid in facilitation of STIP hearing; 5) Test new VTrans prioritization methodology and provide feedback; 6) Develop the FY20 Annual Listing of Projects obligating Federal Funds; 7) Provide VTrans with regional and local input on draft NPS.	ongoing	\$ 29,416
100	2.3.21	Transportation DIRECT COSTS	Regional	Forest		Purchase of direct cost eligible transportation program services and goods such as training, travel, work shop expenses, traffic counter equipment, etc.	1. Acquisition of transportation program direct cost services and goods.	ongoing	\$ -
101	2.4	Transportation Implementation							
102	2.4.2	Municipal Project Management Services (Separate Grants)	Various municipalities	Sai		Project management services for various municipalities. MPM manages and coordinates all project activities and monitor all aspects of project development on behalf of the Municipality while acting as liaison between the Municipality, VTrans, consultants and/or contractors as necessary.	See deliverables for individual MPM Projects.	ongoing	\$ -
103	2.4.2.3	Municipal Project Management Services - Underhill	Underhill	Sai		CCRPC staff acts as a Municipal Project Manager (MPM) for the VT Route 15 sidewalk design and construction project in Underhill which is 80% funded through a VTrans Bicycle and Pedestrian grant award.	Activities include, but not limited to the following: review and monitor a master schedule, permits and approvals; assist the municipality in all right-of-way clearance; coordinate with utility companies; participate in public and stakeholder outreach; review invoices for accuracy and completeness; and provide regular progress reports to Municipality and VTrans.	6/21	\$ 3,751
104	2.4.2.4	Municipal Project Management Services - Hinesburg	Hinesburg	Sai		CCRPC staff acts as a Municipal Project Manager (MPM) for the Village South Sidewalk design and construction project in Hinesburg which is 80% funded through a VTrans Bicycle and Pedestrian grant award.	Activities include, but not limited to the following: review and monitor a master schedule, permits and approvals; assist the municipality in all right-of-way clearance; coordinate with utility companies; participate in public and stakeholder outreach; review invoices for accuracy and completeness; and provide regular progress reports to Municipality and VTrans.	12/22	\$ 5,626

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91	2.3.16.21	\$ 12,135		\$ -	PL	\$0			\$ -	\$ 12,135	\$ 34,788							\$46,923
92	2.3.16.22	\$ 1,578		\$ -	PL	\$0			\$ -	\$ 1,578	\$ 25,023							\$26,601
93	2.3.16.23	\$ 4,313		\$ -	PL	\$0			\$ -	\$ 4,313	\$ 6,792							\$11,105
94	2.3.16.24	\$ 15,790		\$ -	PL	\$44,200			\$ -	\$ 59,990								\$59,990
95	2.3.16.25	\$ 8,994		\$ -	PL	\$20,000			\$ -	\$ 28,994								\$28,994
96	2.3.16.26	\$ 8,630		\$ -	PL	\$20,000			\$ -	\$ 28,630								\$28,630
97	2.3.16.27	\$ 12,897		\$ -	PL	\$33,000			\$ -	\$ 45,897								\$45,897
98	2.3.18	\$ 3,128			PL				\$ -	\$ 3,128	\$ 15,680							\$18,808
99	2.3.19	\$ 29,416			PL				\$ 1,471	\$ 29,416								\$29,416
100	2.3.21	\$ -			PL			\$ 25,000	\$ -	\$ 25,000								\$25,000
101	2.4																	
102	2.4.2		\$ -		MUNI					\$ -		\$0					\$0	\$0
103			\$ 3,751		MUNI					\$ -		\$3,751					\$3,751	\$3,751
104			\$ 5,626		MUNI					\$ -		\$5,626					\$5,626	\$5,626

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105	2.4.2.5	Municipal Project Management Services - Shelburne	Shelburne	Sai		CCRPC staff acts as a Municipal Project Manager (MPM) for the Irish Hill Road sidewalk and Pedestrian Bridge design and construction project in Shelburne which is 80% funded through a VTrans Bicycle and Pedestrian grant award.	Activities include, but not limited to the following: review and monitor a master schedule, permits and approvals; assist the municipality in all right-of-way clearance; coordinate with utility companies; participate in public and stakeholder outreach; review invoices for accuracy and completeness; and provide regular progress reports to Municipality and VTrans.	12/22	\$ 9,377
106	3.0	MITIGATION & WATER QUALITY							
107	3.1	Hazard & Natural Resource Protection							
108	3.1.5	604(B) Water Quality Project	Regional	Dan		Annual small water quality grant with slightly different focus from year to year.	1. In consultation with Grantee's Basin Planners, identify and conduct data-entry of one or more existing river corridor or stormwater master plans for which prioritized projects are not yet incorporated into the Watershed Projects Database; 2. Conduct outreach and obtain municipal support to support reclassification of surface waters to Class B(1) or Class A(1) for specific designated uses; or, support reclassification of wetlands to Class 1 under the Vermont Wetland Rules; or, support designation of one surface water as an Outstanding Resource Water pursuant to 10 VSA 1242; or 3. Support water quality monitoring activities, including the municipal awareness of testing results, and how these results are used to support tactical basin plan development. Current contract runs through August 2020, but we anticipate another contract will follow.	8/21	\$ 3,429
109	3.1.6	All Hazards Mitigation Plan Update pending	Regional	Dan	Pam	Support work of the consultant to ensure re-adoption of County and individual municipal All Hazards Mitigation Plans by February 2022.	1. Support consultant as requested	2/22	\$ 5,752
110	3.2	Stormwater/Non-point Source Program							
111	3.2.2	Water Quality - Non-transportation	Regional	Dan	Regina, Charlie	Monitoring of and reporting to municipalities on impacts of Act 138, Water Quality financing mechanisms, Lake Champlain TMDL, etc.	1. Participation in meetings, monitoring and reporting on policies and programs. 2. Participation in meetings and discussion to facilitate desired partnerships between RPCs, municipalities and non-profits related to Water Quality improvements.	ongoing	\$ 25,860
112	3.2.2.1	Regional Stormwater Education Program (RSEP) & Chittenden County Stream Team (CCST)	Regional	Dan		Serve as Lead Agency to implement programs described in an MOU between CCRPC and twelve MS-4 (Municipal Separate Storm Sewer Systems) permittees in County to meet a portion of permit obligations.	1. Provide technical assistance to MS4 Subcommittee of the Clean Water Advisory Committee. 2. Manage subcontractor(s) selected to implement social marketing campaign to assure permittee compliance with Minimum Measure #1, Public Education and Outreach. 3. Manage subcontractor(s) selected to implement programming to assure permittee compliance with Minimum Measure #2, Public Involvement and Participation.	ongoing	\$ 4,763
113	3.2.2.5	Water Quality - Basin Planning & Outreach	Regional	Dan		Non-transportation related TMDL assistance to municipalities. Education and training on best practices. Involvement in basin planning processes, including consideration of municipal projects and priorities.	1. Provide technical assistance to Clean Water Advisory Committee. 2. Serve as grant administrator on behalf of VAPDA for its umbrella grant with VT-DEC concerning outreach on Vermont Clean Water Act. 3. Conduct outreach efforts to municipalities to encourage adoption of programs and policies to improve water quality. 4. Participate with VT-DEC staff on development of and implementation of Tactical Basin Plans (Lamoille, Winooski and Northern Direct-to-Lake) and facilitate municipal review and input and municipal prioritization of projects. Current contract ends 9/20; and anticipate another contract following that.	9/21	\$ 29,616
114	3.2.3	Water Quality - Transportation (Regional)	Regional	Chris	Charlie, Dan, Eleni, Regina, Pam	General CCRPC staff activities assisting municipalities and participating in VTrans and DEC transportation related, stormwater and other clean water initiatives. Consultant assistance in developing conceptual plans and cost estimates for Road Erosion Inventory (REI) sites for Municipal Roads General Permit (MRGP) compliance. Conceptual plans would contain geographic locations, extent, and detailed schematics or examples of various stormwater mitigation infrastructure techniques that will assist in meeting MRGP standards and mitigate roadway stormwater erosion. On call assistance for small water quality projects.	1) Provide assistance, education and training to municipalities related to transportation/stormwater issues; 2) Participation in Clean Water initiatives; 3) Assist towns with road erosion inventories (REI) and prioritization for MRGP compliance; 4) Update REIs based on work conducted by municipalities and upload data to the state's portal; and 5) Continue to develop conceptual plans and budgets for REI sites for Chittenden County municipalities.	ongoing	\$ 88,310
115	3.2.3.20	Water Quality - Transportation (Local Projects)	Individual Municipalities	Chris	Dan	Conduct scoping and provide technical assistance for non-MRGP transportation related water quality municipal projects.	Conceptual plans that address stormwater/transportation issues on municipal roads.	ongoing	\$ 769
116	3.2.3.22	Right-of-Way Condition Inventory for Stormwater Retrofit Feasibility - Phase 1 (Burl)	Burlington	Dan	Marshall	This project would cover Phase 1 (Wards 5 & 6) of a multi-year effort to create a comprehensive condition inventory of the City's right-of-way, to determine the feasibility of implementing stormwater retrofits to treat and manage stormwater runoff from City streets. This inventory would allow Burlington's Stormwater Program to coordinate, plan, and execute retrofits ahead of other City transportation and asset management projects. This data will further allow us to be nimble in implementing the City's Integrated Plan.	1) Interactive base map of existing data using ArcGIS Online. 2) Determine areas for initial utility assessment and collection of GPS points, highlight areas for assessment in AGOL, confirm locations with Burlington DPW. 3) Complete initial review of available data bases including but not limited to ANR Resource Atlas and VT Hazardous Sites to identify potential contamination concerns at assessment locations. 4) Initial utility assessment (via DigSafe), collection of GPS points for assessment locations. 5) Conduct or coordinate soil augers - to include observations on soil conditions, infiltration testing, documentation of depth to GW or bedrock (where applicable). 6) Compile data into an interactive map using ArcGIS Online. 7) Draft and final map tool approved by Burlington DPW.	6/21	\$ 1,321

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105			\$ 9,377		MUNI					\$ -		\$9,377					\$9,377	\$9,377
106	3.0																	
107	3.1																	
108	3.1.5		\$ 3,429		ANR					\$ -		\$3,636					\$3,636	\$3,636
109	3.1.6		\$ 5,752		DEMHS					\$ -		\$5,752					\$5,752	\$5,752
110	3.2									\$ -								
111	3.2.2		\$ 25,860		ACCD					\$ -			\$25,860				\$25,860	\$25,860
112	3.2.2.1		\$ 4,763		MUNI					\$ -		\$4,763	\$0				\$4,763	\$4,763
113	3.2.2.5		\$ 29,616		ANR					\$ -		\$29,616	\$0			\$220,384	\$250,000	\$250,000
114	3.2.3	\$ 88,310		\$ 20,000	PL					\$ 108,310	\$ 18,805							\$127,115
115	3.2.3.20	\$ 769	\$ -		PL					\$ 769	\$ -							\$769
116	3.2.3.22	\$ 1,321	\$ -		PL	\$ -				\$ 1,321	\$ 47,164							\$48,485

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3									
117	3.2.3.22	Right-of-Way Condition Inventory for Stormwater Retrofit Feasibility – Phase 2 (Burlington) - Deferred to FY22	Burlington	Dan		This multi-year project began in FY20 to create a comprehensive condition inventory of the City's right-of-way, to determine the feasibility of implementing stormwater retrofits to treat and manage stormwater runoff from City streets. Phase 2 will include an inventory in Wards 2 and 3, while Phase 1 included an inventory of Wards 5 and 6.	1) Interactive base map of existing data using ArcGIS Online. 2) Determine areas for initial utility assessment and collection of GPS points, highlight areas for assessment in AGOL, confirm locations with Burlington DPW. 3) Complete initial review of available data bases including but not limited to ANR Resource Atlas and VT Hazardous Sites to identify potential contamination concerns at assessment locations. 4) Initial utility assessment (via DigSafe), collection of GPS points for assessment locations. 5) Conduct or coordinate soil augers - to include observations on soil conditions, infiltration testing, documentation of depth to GW or bedrock (where applicable). 6) Compile data into an interactive map using ArcGIS Online. 7) Draft and final map tool approved by Burlington DPW.	6/22	\$ -
118	3.2.3.23	Essex Stormwater CCTV Inspection	Essex Town	Chris		The Town doesn't have a complete assessment of the condition of old metal and aluminum pipes in the Town. The areas selected above were constructed between the 1960s and 1980s and consist of the pipes originally installed while the development was constructed. The areas selected are rated and based on known deficiencies and maintenance and repair records. It is imperative that the Town understand the condition of the pipes for future financial planning. The project consists of hiring a consultant to use a camera to televise the pipes in the project location and to generate a condition assessment report that the Town will then use to create a stormwater infrastructure replacement plan, to be used in both operational and capital infrastructure planning.	Condition assessment and digital video in PACP protocol for the stormwater pipes in the selected areas in the town.	6/21	\$ 2,334
119	3.2.3.24	Essex Jct Stormwater CCTV Inspection	Essex Junction	Chris		The Village has determined the need for an assessment of the condition of the stormwater pipes in our MS4 permitted area. The areas selected have not been televised, are known to have some developing deficiencies, recent problems or concerning repair records. The project would consist of hiring a consultant to televise the stormwater pipes in the selected areas and create a condition assessment report in PACP standards. The Village would then use the assessment to guide future stormwater improvement project planning including a schedule for replacement of deficient pipes as part of capital and operational planning.	Condition assessment and digital video in PACP protocol for the stormwater pipes in the selected areas in the Village.	6/21	\$ 2,334
120	3.2.3.25	Town of Williston Phosphorus Control Plan	Williston	Dan		The Town of Williston is requesting funding to hire a consultant to prepare the initial (first phase) town-wide Phosphorus Control Plan (PCP). The main component of such a Plan will be to identify eligible opportunities for reductions in the amount of phosphorus discharging to Lake Champlain and her tributaries. At a minimum, the PCP shall be designed to achieve a level of phosphorus reduction equivalent to the reduction targets required for Williston's developed lands as put forth in the Lake Champlain TMDL.	Development of a final, approved by the town, Phosphorus Control Plan (PCP)	6/21	\$ 1,703
121	3.2.3.26	City of Winooski Phosphorus Control Plan (Phase 2)	Winooski	Dan	Sai	MS4 communities within the Lake Champlain Basin are required to complete a Phosphorus Control Plan for developed lands within their municipality. The City of Winooski received UPWP support in FY20 to develop a plan for the City to achieve phosphorus reduction targets for the City's impervious transportation network. Phase 2 of this project will support the final phase of PCP work, including supplemental assessment work, project ranking and finalizing the full PCP report for DEC submission (4/1/21 deadline).	Development of a final, approved by the City, Phosphorus Control Plan (PCP)	6/21	\$ 2,367
122	3.2.3.27	Inspection and Inventory of Existing Stormwater System (Winooski)	Winooski	Chris		The proposed work includes inspection, condition assessment and updating GIS layers for the City's stormwater drainage system within the roadway network. The data will be used to better manage the City's transportation capital planning program and support water quality improvement planning. The work should include visual inspection using zoom camera technology. Results would be analyzed to determine replacement, rehabilitation, or maintenance needs. Deliverables would also include updated GIS layers with physical asset details and condition data.	Condition assessment, digital video inspection data, and updated GIS layers for stormwater pipes inspected in the City.	12/20	\$ 622
123	3.2.3.32	Colchester Phase 2 Stormwater Condition Assessment	Colchester	Chris	Sai	The Town completed Phase 1 of this assessment with FY19 UPWP funds, observing with zoom camera technology the town's stormwater structures and developing a new capital investment program. Approximately 35% of the stormwater system was in need of maintenance and/or unable to be properly assessed as part of that project using the zoom camera technology. During Phase 2, needed maintenance will be addressed (outside of UPWP funding) and the remaining portions of the system will be inventoried using the appropriate camera technology. This will allow the full and comprehensive development of a capital program that includes all public infrastructure, and allow the stormwater utility to prioritize needed investments and look towards an overall asset management program.	Deliverables for Phase 2 include: Videos of each pipe segment viewed; revised report on system needs; revised and updated GIS layer of stormwater system; and revised 20-year capital plan.	6/21	\$ 778
124	3.2.3.33	Huntington MRGP Implementation Plan	Huntington	Chris	Dan, Sai	Develop a comprehensive 10-year plan to improve all hydrologically connected road segments which do not currently meet MRGP standards, and develop a general maintenance and Capital Plan to use as a guideline for maintaining road segments to standards.	MRGP Implementation Plan and Ongoing Maintenance Plan.	6/21	\$ 778
125	3.2.3.34	Milton Phosphorus Control Plan	Milton	Dan	Sai	The Town of Milton is requesting funding to hire a consultant to prepare the initial town-wide Phosphorus Control Plan (PCP). The Town completed a Stormwater Master Plan on October 31, 2019, which identifies 15 high-priority projects, provided 30% conceptual design plans, and included phosphorus loading and removal estimates. The PCP will be designed to achieve a level of phosphorus decrease equivalent to the reduction targets required for Milton's developed lands as put forth in the Lake Champlain TMDL.	Development of a final Phosphorus Control Plan (PCP)	6/21	\$ 2,843

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117	3.2.3.22	\$ -	\$ -		PL	\$ -				\$ -								\$0
118	3.2.3.23	\$ 2,334	\$ -		PL	\$ -				\$ 2,334	\$ 32,050							\$34,384
119	3.2.3.24	\$ 2,334	\$ -		PL	\$ -				\$ 2,334	\$ 33,350							\$35,684
120	3.2.3.25	\$ 1,703	\$ -		PL	\$ -				\$ 1,703	\$ 30,294							\$31,997
121	3.2.3.26	\$ 2,367	\$ -		PL	\$ 30,000				\$ 32,367								\$32,367
122	3.2.3.27	\$ 622	\$ -		PL	\$ -	\$ -			\$ 622	\$ 9,607							\$10,229
123	3.2.3.32	\$ 778	\$ -		PL	\$ 97,068				\$ 97,846								\$97,846
124	3.2.3.33	\$ 778	\$ -		PL	\$ 12,500				\$ 13,278								\$13,278
125	3.2.3.34	\$ 2,843	\$ -		PL	\$ 40,000				\$ 42,843								\$42,843

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3	3.2.3.35	Shelburne Phosphorus Control Plan	Shelburne	Dan	Sai	This scope of work covers coordination, analysis, mapping, and reporting to provide the Town of Shelburne with an understanding of the Town's existing and future credits toward municipal phosphorus (P) loading and reductions targets per the Vermont Department of Environmental Conservation (VTDEC) Lake Champlain P TMDL and MS4 permit. The Town is already working with a consultant on the Town's P baseload calculation and initial estimates of existing P reduction credits. This grant request will cover additional work to develop estimates of future P reduction credits, a draft Phosphorus Control Plan (PCP) for ANR review and comment, and a final PCP responsive to ANR feedback.	Development of a final Phosphorus Control Plan (PCP)	6/21	\$ 2,655
126	3.2.9	Vermont Municipal Clean Streets Phosphorus Credit Project	DEC	Dan		The CCRPC will serve as the fiscal agent for a cooperative project between several municipalities, the Vermont DEC and the US Geological Survey to implement the Vermont Municipal Clean Streets Phosphorus Credit Project, which will serve to reduce phosphorus, sediment and other pollutants from urban streets in Barre City, Burlington, Essex Jct., Essex, Montpelier, St Albans City, Shelburne, South Burlington, and Winooski, serving the dual purpose of protecting the State's water quality and supporting the Grantee's goal to assist its partner municipalities and contribute to efforts that result in the development and implementation of plans that support sustainable development and improve the region's quality of life and environment.	* assess 400 acres (410 road miles) for street stormwater pollution and will gather new information on nutrient and sediment sources contributing to street runoff * characterize the level of total phosphorus (TP), total nitrogen (TN), and total organic carbon (TOC) in municipal street solids found in each of the above named regions. * craft 9 Clean Street Municipal Plans that will provide guidance to municipalities on nutrient sources, recommended best management practices to efficiently and effectively reduce those sources and will result in the following two credit incentive programs to maximize efforts to manage nutrients and sediments on municipal curbed streets: (1) An individual municipal interim phosphorus credit, based on all relevant post-2010 street best management practices employed by the municipality, which will be incorporated into any required municipal phosphorus control targets for existing municipal separate storm sewer system (MS4) permittees. (2) A long-term phosphorus credit and plan incorporated into the required MS4 Phosphorus Control Plans (PCPs) for enhanced (post 2017) street cleaning practices that are adopted/implemented by the municipality based on recommendations of this study. * develop cumulative nutrient and sediment load-reduction credits for street cleaning and other street cleaning methods (SCMs) in order to help cities and towns meet the Lake Champlain Total Maximum Daily Load (TMDL) phosphorus reduction requirements, municipal separate storm sewer system (MS4) regulations, and reduce sediment in stormwater runoff to eleven impaired watersheds. * provide a detailed urban forest cover analysis for the street corridors being cleaned and will assure that the results of this project and any ancillary products created (maps, model scenarios, load reduction estimates, and database) will be documented as a USGS report, data release, or journal article.	9/20	\$ 667
127	3.2.10	WQ Project Development: Direct-to-Lake and Lamoille Basins	DEC	Dan		Through a subgrant from Northwest RPC, this funding will support efforts to pursue water quality improvement projects that will restore and protect Vermont's waters from nutrient loading and sediment pollution in the Lamoille River (Basin7), and the Northern Lake Champlain (Basin 5).	Development of 1-3 projects in Chittenden County with details on potential water quality benefits, potential resource or permitting constraints, and recommend next steps to bring projects to final design and construction.	6/21	\$ 3,810
128	3.2.11	Project Scoping for 3+ Acre Parcels	WCA	Dan		Through a subcontract from Watershed Consulting Associates (WCA), CCRPC staff will assist WCA by working with municipalities and private landowners to develop partnerships to comply with the stormwater general permit requirements for parcels with 3 or more acres of impervious cover. Several sites within Chittenden County will be selected for 30% design that contain 3+ impervious acreage sites. Proposed designs will maximize phosphorus reductions in a cost-effective manner, prioritize infiltration practices where feasible, and incorporate green stormwater infrastructure (GSI). These practices will involve management of additional non-jurisdictional impervious cover abutting the regulated 3-acre sites. As part of the development of these designs, public-private partnerships (P3) will be created to improve water quality locally and across the basin.	A summary of the process and methods used to arrive at the selected municipalities and priority sites including WCA recommendations for an implementation schedule. A brief narrative describing the proposed stormwater treatment practices and anticipated benefits to water quality and hydraulics at each project location will be included.	6/21	\$ 476
129	3.2.16	WQ Project Development: Direct-to-Lake Basin	DEC	Dan		Through a subgrant from Northwest RPC, this funding will support efforts to pursue water quality improvement projects that will restore and protect Vermont's waters from nutrient loading and sediment pollution in the Northern Lake Champlain (Basin 5).	Development of 1-3 projects in Chittenden County with details on potential water quality benefits, potential resource or permitting constraints, and recommend next steps to bring projects to final design and construction.	6/21	\$ 2,858
130	3.2.17	Clean Water Service Provider Start-up	DEC	Dan		Through a subgrant from Northwest RPC, this funding will support efforts to pursue water quality improvement projects that will restore and protect Vermont's waters from nutrient loading and sediment pollution in the Northern Lake Champlain (Basin 5).	Development of 1-3 projects in Chittenden County with details on potential water quality benefits, potential resource or permitting constraints, and recommend next steps to bring projects to final design and construction.	6/22	\$ 3,522
131	3.3.1.8	Design Implementation Block Grant - Winooski Elm Street Outfall Design	DEC	Dan		This project will result in a Final Design for improvements to an existing outfall which is currently experiencing severe erosion. This will enable the City to better obtain grant funds for Construction of this improvement which will help the City meet the requirements of its Stormwater Management Plan.	1.Final Design of SW Outfall improvements 2.Cost Estimates for same 3.Local, state or federal permits as needed	12/20	\$ 1,905
132	3.3.1.9	DI Block Grant - Jericho Center Circle SW Design	DEC	Dan		This project will result in a Final Design for two stormwater infiltration Best Management Practices to treat stormwater from several roads as it enters the Jericho Center Circle town green. This will enable the Town to better obtain grant funds for construction of these needed stormwater treatment practices. This project will be coordinated with 2.3.16.25.	1.Final Design of SW Infiltration Basins 2.Cost Estimates for same 3.Local, state or federal permits as needed	6/21	\$ 1,905
133									

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126	3.2.3.35	\$ 2,655	\$ -		PL	\$ 30,000				\$ 32,655								\$32,655
127	3.2.9		\$ 667		ANR							\$ 667				\$0	\$667	\$667
128	3.2.10		\$ 3,810		ANR							\$ 3,810					\$3,810	\$3,810
129	3.2.11		\$ 476		ANR/WCA							\$ 476					\$476	\$476
130	3.2.16		\$ 2,858		ANR							\$ 2,858					\$2,858	\$2,858
131	3.2.17		\$ 3,522		ANR							\$ 3,522				\$20,000	\$23,522	\$23,522
132	3.3.1.8		\$ 1,905		ANR							\$ 1,905				\$8,000	\$9,905	\$9,905
133	3.3.1.9		\$ 1,905		ANR							\$ 1,905				\$17,888	\$19,793	\$19,793

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134	3.3.3.1	DI Block Grant - Shelburne Boulder Hill (pending)	DEC	Dan		This project will result in a Conceptual Design to retrofit the existing Boulder Hill Drive development stormwater pond (M12). The purpose of the retrofit is to increase volume for the Munroe Brook flow restoration plan and improve the design for water quality for phosphorus control plan benefit. This will enable the Town to better obtain grant funds for Final Design and ultimately, construction of this project.	1. Conceptual Design of SW Pond Retrofit 2. Rough Cost Estimates for same 3. Determination of needed permits	12/21	\$ 3,239
135	3.3.3.2	DI Block Grant - TBD	DEC	Dan		The CCRPC anticipates acting as an administrator on one or more future DIBG grants on behalf of our municipalities.	TBD		\$ -
136	3.3.2	Grants in Aid Pilot Program	DEC	Chris	Dan	The purpose of the Grants in Aid Pilot Program is to provide funding for municipalities to implement Best Management Practices (BMPs) on municipal roads to address water quality issues ahead of the forthcoming DEC Municipal Roads General Permit (MRGP). The CCRPC will assist Chittenden County municipalities that apply and receive Grants in Aid funds in FY20.	CCRPC assistance might include but not limited to: 1. Provide maps and road erosion inventory data on municipally owned hydrologically connected roads; 2. Assist municipalities to select priority project locations and BMPs to bring road segments into full compliance with MRGP standards; 3. Attend pre-construction site visits and hold post-construction meetings to document completed conditions; and 4. Coordinate with NRPC who serves as the grant program administrator.	12/21	\$ 10,191
137	4.0	RURAL INVESTMENT							
138	4.1	Habitat Preservation							
139	5.0	HEALTH & SAFETY							
140	5.1	Safety - Transportation							
141	5.1.1	Traffic Alert Program	Regional	Emma		Coordinate contracting process with consultant; monitor and assist with issues and challenges.	Implementation of summer/fall 2019 and spring 2020 Traffic Alert Program.	ongoing	\$ 16,037
142	5.1.2	Transportation Safety	Regional	Sai	Eleni	Enhance travel safety in the County by assisting municipalities with safety reviews on local streets. Work with VTrans, the VHSA and the SHSP consultant to determine strategies and identify regional needs based on data. Work with VHSA to distribute information and data to the public on important transportation safety issues as identified by the data. Coordinate with VTrans in their ongoing safety programs including participation in RSARs, SLRS and HSIP programs. Conduct safety studies for municipalities. Participate in the Vermont Highway Safety Alliance (VHSA).	1) Participation in VHSA's task forces, events and initiatives; 2) Staff will coordinate all aspects of Road Safety Audit Reviews with VTrans and municipal staff, review supplement crash data provided by VTrans, and solicit local input; and 3) Participate in up to three meetings with the VHSA, Strategic Highway Safety Plan (SHSP) consultant, and stakeholders for preparation of the 2021-2025 SHSP; and 4) Coordinate with VTrans on safety programs and projects in Chittenden County.	ongoing	\$ 6,215
143	5.2	Safety/Emergency Management							
144	5.2.1	Emergency Management Planning Grant (EMPG)	Regional	Christine	Pam, Dan, Regina	Provide planning, technical assistance and recovery efforts to towns, and assist the state. Offer trainings and support.	1. Local Planning: update LEMPS annually. 2. Technical Assistance and Education: two EMD roundtables, trainings, grant writing, ERAF assistance, monthly conference calls, etc. 3. Statewide Emergency Response: SEOC trainings, after action meetings, participation in state level exercises.	9/20	\$ 68,768
145	5.2.1.7	Local Government Expense Reimbursement (LGER)	Regional	Christine	Pam, Dan, Regina	Provide assistance to units of local government on the requirements for grant eligibility of Coronavirus Relief Funds under Act 137 of 2020.	1. Development of regional training materials. 2. Delivery of a regional application training session. 3. Development and updates to FAQs. 4. Delivery of technical assistance to units of local government that aids entities to consider expenses they may have incurred, identify which expenses might be eligible, submit an LGER application, and begin documenting actual costs incurred.	12/20	\$ 10,922
146	5.2.4	Local Emergency Planning Committee (LEPC)	Regional	Christine	Regina	Manage listserv, agenda, presentations, and meetings; Supplemental LEPC grant to develop an Emergency Response Plan.	1. Handle all administrative aspects of committee meetings and activities. 2. Solicit presentations from state/local and national orgs. 3. Communicate all relevant information, resources and training opportunities. 4. Host trainings and meetings. Develop an emergency response plan that will compile regionwide information on risks and emergency management capabilities to provide useful information to local governments, emergency services, emergency management directors, mutual aid systems and other allied agencies.	ongoing	\$ 7,072
147	5.2.5	EMPG - Supplemental	Regional	Christine	Pam, Dan, Regina, Chris	1. In response to remote work, education, health care, and other needs prompted by the COVID-19 response and pandemic state of emergency, CCRPC is assisting the Vermont Public Service Department (PSD) to identify locations with free public Wi-Fi access to the internet that could be available inside cars parked outside of buildings. 2. COVID-19/post-pandemic-related planning efforts. 3. COVID Response information sharing.	1. Identify up to 5 sites per town and assess the functionality of existing public hot spots (signal strength, speed, coverage, ease of login, accessibility, if they are open or locked). 2. CCRPC will work with Williston on planning support for post pandemic planning, public health and safety planning and continuity of operations planning. 3. COVID Response information sharing between VEM and municipalities and other partners.	9/21	\$ 4,220
148	5.2.7	DEMHS - Response & Recovery MOU	Regional	Christine	Dan, Pam	This MOU ensures that RPC staff are 'on call' and available to assist the State if and when needed for natural or man made incidents or disasters. This might involve acting as a local liaison with our member municipalities, contacting them to learn the extent of any damage that might have occurred, and what help, if any, they may need in managing the situation both during the initial response phase of an incident, and also in the recovery phase afterward.	When needed, staff will contact municipal officials on several occasions to check in, and then to summarize and communicate this information and local needs to appropriate State officials.	as needed	\$ -
149	5.3	Health							
150	5.3.1	Regional Prevention Partnership	Regional	Melanie	Forest	Assist area organizations with preventing and reducing drug and alcohol use and abuse in the region.	1. Contract with area organizations to complete drug and alcohol prevention and reduction activities.	TBD	\$ 7,258

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134	3.3.3.1		\$ 3,239		ANR							\$ 3,239					\$3,239	\$3,239
135	3.3.3.2		\$ -		ANR							\$ -					\$0	\$0
136	3.3.2		\$ 10,191		ANR					\$ -		\$10,191					\$10,191	\$10,191
137	4.0																	
138	4.1																	
139	5.0																	
140	5.1																	
141	5.1.1	\$ 16,037	\$ -		PL				\$ -	\$ 16,037								\$16,037
142	5.1.2	\$ 6,215	\$ -		PL				\$ -	\$ 6,215								\$6,215
143	5.2																	
144	5.2.1		\$ 68,768		DEMHS					\$ -		\$68,768	\$0				\$68,768	\$68,768
145	5.2.1.7		\$ 10,922		?							\$10,922	\$0				\$10,922	\$10,922
146	5.2.4		\$ 7,072		DEMHS					\$ -		\$7,072	\$0			\$500	\$7,572	\$7,572
147	5.2.5		\$ 4,220		DEMHS					\$ -		\$4,220	\$0				\$4,220	\$4,220
148	5.2.7		\$ -		DEMHS					\$ -		\$0	\$0				\$0	\$0
149	5.3																	
150	5.3.1		\$ 7,258		VDH					\$ -		\$7,258				\$53,392	\$60,650	\$60,650

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151	5.3.5	Alcohol Mapping for BPHC	Burlington	Melanie	Forest	Develop an online map for Burlington Partnership for a Healthy Community.	1. Produce an online map showing alcohol, tobacco and cannabis retail locations in Burlington.	6/21	\$ 475
152	5.3.6	Prevention Center of Excellence (pending)	Regional	Melanie	Forest	Assist area organizations with preventing and reducing drug and alcohol use and abuse in the region.	TBD		\$ 2,622
153	6.0	EDUCATION							
154	7.0	FINANCE AND GOVERNANCE							
155	7.1	Coordinated Data & GIS Programming							
156	7.1.1.2	Online mapping & data	Regional	Pam	Melanie	To provide new and maintain existing online resource mapping tools. Work to present the 2018 ECOS Plan in a more user friendly format.	1. Continue to refine ChittendenCountyVT online map (ECOS plan) and other online maps. 2. Work with VCGI to update our data in ESRI's World Topographic Map. 3. Develop additional online maps as requested. 4. ECOS Plan regional analysis, data in an online format.	Ongoing	\$ 54,811
157	7.1.1.3	Municipal Technology Hosting	Colchester, Winooski	Pam		Provide GIS mapping services for integration into Colchester's online permitting software and Winooski's asset management software.	Update and maintain online map services for Colchester and Winooski.	Ongoing	\$ 2,885
158	7.1.1.4	Transportation Resiliency Planning & Mapping	Regional	Pam	Jason	Following implementation of TRPT in several watersheds over the last few years, the next stage of resiliency planning is moving towards integrating the results of the regional analysis and TRPT into town and regional transportation planning efforts including, but not limited to, hazard mitigation planning, capital planning, adopted town plans and regional transportation plans. In addition to the TRPT, the Statewide Flood Vulnerability Assessment and ANR River Corridor analysis could be used to support this planning.	Finalize web-based maps for the selected watersheds that identify road segments, bridges and culverts that are vulnerable to flood and erosion damages and also identify mitigation options for critical locations. By February 28, 2021 submit to VTrans a report that lists and describes the status of work supported by this task. For example: Town of XX All Hazard Mitigation Plan, Resiliency Chapter within the Regional Plan, grant application for Town of YY Pre-Disaster Mitigation Program.	6/20	\$ 5,889
159	7.1.1.7	Vermont Municipal Bond Bank GIS Tool	Regional	Pam	Regina	The Vermont Municipal Bond Bank (d/b/a Vermont Bond Bank) has requested assistance in developing an online, interactive and public facing GIS tool so decision makers can access their data on capital investments and projects.	1. Develop GIS dataset of Bond locations using spreadsheet provided by the Bond Bank. 2. Incorporate developed data into a GIS application. 3. Incorporate additional data sets as requested and if accessible by CCRPC. 4. Develop a customized Dashboard and HUB site (or equivalent) to display the Bond Bank data, including widgets. 5. Along with the Bond Bank, investigate options for long-term hosting and maintenance of the site.	12/20	\$ 2,885
160	7.1.2	Data Development & Maintenance & GIS Programming	Regional	Pam/Chris	Melanie, Marshall, Sai, Taylor, Jason	Continue to develop and maintain the GIS data library and provide GIS services and assistance. Continue to collect transportation data including infrastructure inventories, traffic, bike/ped, park & ride, and other counts (as requested by municipalities and stated in the TPI Guidance). Collect and report data on the following programs: Town Highway Major Collector (HPMS) and Model Inventory of Roadway Elements (MIRE).	1) Update of Housing points data; 2) Update of Commercial/Industrial Sites data; 3) Update bike/ped data; 4) Update of infrastructure inventories (culverts, signs, sidewalks, etc.); 5) Updates to municipal zoning and regional future land use data as needed; and submit updates to VCGI annually; 6) Update of TIP GIS data and maps; 7) Updates and/or data development as needed or requested; 8) Conduct traffic counts as requested by municipalities and provide all relevant traffic data to VTrans by the required deadline; 9) Report highway improvement data for TH Major Collectors (HPMS) and MIRE data to VTrans at the end of each calendar year; 10) Collect and provide Bike, Pedestrian and Park & Ride count data to VTrans, based on the latest TPI Guidance; 11) Update vtculvert.org and provide annual summary of bridge & culvert inventories to VTrans as directed by TPI Guidance; 12) Update data for inclusion in ESRI's World Topographic Basemap; 13) Review 2020 Census materials as needed; 14) GIS services (maps, data, technical assistance) to member municipalities, state agencies, regional partners and general public as requested.	ongoing	\$ 307,040
161	7.1.3	VT Online Bridge & Culvert Inventory Tool (VTCulverts)	Regional	Pam		Continue to maintain, enhance and provide technical assistance for user's of the VOBICIT program (www.vtculverts.org).	1. Work with project partners to continue to improve and enhance the VOBICIT website. 2. Provide technical support to users of the website. 3. Provide Training to municipal staff (public works, road foremen) on using VOBICIT. 4. Input updated bridge and culvert inventories into vtculverts.	ongoing	\$ 3,847
162	7.2	Coordinated County Performance Monitoring							
163	7.2.1	ECOS Annual Report: Non-Transportation	Regional	Melanie	Emma	Orchestrate the creation of 2020 ECOS Annual Report including the development of an online indicator system.	1. Update online indicators. 2. 2020 accomplishments of partners in implementing ECOS Plan. 3. 2020 ECOS Annual Report. 3. Provide annual reporting to DHCD (9/30).	ongoing	\$ 11,765
164	7.2.2	ECOS Annual Report: Transportation	Regional	Melanie	Eleni, Emma	Orchestrate the creation of 2020 ECOS Annual Report including the development of an online indicator system.	1. Update indicators. 2. Draft of online indicators website. 3. 2020 accomplishments of partners in implementing ECOS Plan. 4. 2020 ECOS Annual Report.	ongoing	\$ 7,042
165	7.2.4	ECOS Plan Updates	Regional	Regina	Melanie, Emma, Dan, Taylor	No updates anticipated this fiscal year; however Staff will begin preparing for the 2023 Plan update.	Prepare the workplan schedule and begin planning for the 2023 Plan update.	6/23	\$ 8,615
166	7.2.5	ECOS MTP Plan Update - Transportation	Regional	Eleni	Jason, Christine, Pam, Melanie	No updates anticipated this fiscal year; however Staff will begin preparing for the 2023 Plan update.	Prepare the workplan schedule and begin planning for the 2023 Plan update.	6/23	\$ 4,854
167	7.3	Education & Outreach							
168	7.3.1	Municipal Training: Non-Transportation	Regional	Taylor	Regina	Provide municipal trainings on potential topics as described in FY21 ACCD contract.	1. Conduct at least two training sessions to promote statewide awareness with participant surveys. 2. Report on training needs received on survey forms or municipal consultations. 3. Publicize and assist as needed to deliver statewide training requested by DHCD in our region.	ongoing	\$ 5,005
169	7.3.2	Municipal Training: Transportation	Regional	Chris	Bryan	Deliver regular trainings on a variety of transportation topics using statewide training modules where applicable. Training topics may include: Highway Foremen's Meetings, complete streets, stormwater management, etc.	1. Host at least one road foremen meetings. 2. Present specific topics or other information (e.g., complete streets, road and bridge standards, etc.) to municipalities as needed. 3. Education and outreach events as requested.	ongoing	\$ 3,134

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151	5.3.5		\$ 475										\$475				\$475	\$475
152	5.3.6		\$ 2,622									\$3,000					\$3,000	\$3,000
153	6.0																	
154	7.0																	
155	7.1																	
156	7.1.1.2	\$ 54,811	\$ -		PL			\$ -	\$ -	\$ 54,811								\$54,811
157	7.1.1.3		\$ 2,885		MUNI					\$ -		\$4,000					\$4,000	\$4,000
158	7.1.1.4	\$ 5,889	\$ -	\$ -	PL			\$ -	\$ -	\$ 5,889	\$ 1,750							\$7,639
159	7.1.1.7		\$ 2,885							\$ -		\$6,000					\$6,000	\$6,000
160	7.1.2	\$ 307,040	\$ -		PL			\$ 13,500	\$ -	\$ 320,540								\$320,540
161	7.1.3	\$ 3,847	\$ -	\$ 3,000	SPR			\$ 2,000	\$ -	\$ 8,847								\$8,847
162	7.2																	
163	7.2.1		\$ 11,765		ACCD					\$ -		\$11,765					\$11,765	\$11,765
164	7.2.2	\$ 7,042	\$ -		PL				\$ -	\$ 7,042							\$0	\$7,042
165	7.2.4		\$ 8,615		ACCD					\$ -		\$8,615					\$8,615	\$8,615
166	7.2.5	\$ 4,854	\$ -		PL				\$ -	\$ 4,854								\$4,854
167	7.3																	
168	7.3.1		\$ 5,005		ACCD					\$ -		\$5,005					\$5,005	\$5,005
169	7.3.2	\$ 3,134	\$ -		PL				\$ -	\$ 3,134								\$3,134

	A	B	C	D	E	F	G	I	AC
3	Task #		Municipality or Partner Agency	Staff Lead	Staff Support	Task Description	Task Deliverable(s)	End Month/Year	TOTAL \$ CCRPC Staff
170	7.3.3.1	Community Outreach & Partnerships: Non-Transportation	Regional	Charlie	Regina, Emma	Participate in member, legislative and partner outreach to achieve the partnerships necessary to realize the ECOS Plan goals not related to transportation.	Non-transportation related: 1. Ongoing outreach to community through web, notices and newsletter. 2. Continue and build partnerships with ECOS Partners to further ECOS Plan strategy implementation. 3. Monitor and participate as needed in policy and legislative discussions.	ongoing	\$ 90,432
171	7.3.3.2	Community Outreach & Partnerships: Transportation	Regional	Charlie	Eleni, Emma	Participate in member, legislative and partner outreach to reinforce partnerships necessary to realize the ECOS/MTP transportation goals. Work with municipalities and partners to develop a transportation program that meets the ECOS/MTP goals.	Transportation-related: 1. Ongoing outreach to community through web, notices and newsletter. 2. Continue and build partnerships with ECOS Partners to further MTP implementation. 3. Monitor and participate as needed in policy and legislative discussions. 4. Outreach to municipalities on projects and needs as part of the UPWP development.	ongoing	\$ 84,995
172	7.4	Regional or Shared Services							
173	7.4.1	Regional or Shared Services	Regional	Charlie	Emma, Regina	Provide staff support to municipally requested assistance on potential shared services.	Facilitate regional dispatch implementation process as needed, primarily as Assistant Secretary to the CCPSA board.	ongoing	\$ 9,926
174	8.0	EQUITY & ENGAGEMENT							
175	8.1	Equity & Engagement Programming and Planning							
176	8.1.1	Title VI and Public Participation Plan	Regional	Emma	Bryan, Eleni	Continue to implement Title VI strategy and the Public Participation Plan (PPP) including the advancement of new forms of engagement as detailed in the PPP such as small engagement grants to target special interest constituencies for key regional transportation projects. Consider hosting a training workshop for municipal staff and consultants.	1. Reporting and implementation of Title VI program outreach. 2. Implementation of PPP. 3. Hire special interest constituencies as needed. 4. Update PPP elements as needed.	ongoing	\$ 74,342
177	8.1.2	COVID-19 Impact on Racial Health Disparities	Regional	Charlie	Forest			ongoing	\$ 1,204
178									
179									\$ 2,272,168
180									

	AD	AE	AF	AG	AH	AI	AJ	AK	AM	BC	BD	BJ	BK	BL	BM	BN	BO	BP
3	Task #	Trans. Related staff cost	Planning Related staff costs	Trans. Consultants Regionally Matched	Funding Source	Consultant Costs Match with Local Funding	GMT	Trans. Direct Expense	inkind	TOTAL NEW Transportation BUDGET FY21	Total Carryover from FY20	Fed/State/Muni Contract - Staff Costs	ACCD - Staff Costs	Muni - Staff Costs	Muni Contribution	Planning Direct Costs	Total Planning FY21	GRAND TOTAL
170	7.3.3.1		\$ 90,432		ACCD					\$ -			\$82,432			\$8,000	\$90,432	\$90,432
171	7.3.3.2	\$ 84,995	\$ -		PL				\$ -	\$ 84,995								\$84,995
172	7.4																	
173	7.4.1		\$ 9,926		ACCD					\$ -			\$9,926	\$0		\$0	\$9,926	\$9,926
174	8.0																	
175	8.1																	
176	8.1.1	\$ 74,342	\$ -	\$ 20,000	PL				\$ -	\$ 94,342								\$94,342
177	8.1.2		\$ 1,204		DOH					\$ -		\$1,204				\$78,796	\$80,000	\$80,000
178																		
179		\$ 1,566,980	\$ 691,630	\$ 623,871		\$ 987,203	\$ 402,340	\$ 40,500	\$ 17,973	\$ 3,620,894	\$ 530,033	\$ 317,730	\$ 384,273	\$ -	\$ -	\$ 605,864	\$1,307,866	\$5,458,793
180																		

PROJECTED RESOURCES

Funding Source	Federal Share	State Match	Local/Other Match*	Total Funding
Consolidated PL	\$ 2,795,128	\$ 253,482	\$ 473,410	\$ 3,522,020
VTrans CMAQ	\$ 13,000			\$ 13,000
SPR - Go Vermont	\$ 32,000	\$ 8,000		\$ 40,000
SPR - VTCULVERTS	\$ 7,077	\$ 1,769		\$ 8,847
FAFF - (I-89 study)	\$ 49,500	\$ 5,500		\$ 55,000
Subtotal New Funds:	\$ 2,896,705	\$ 268,751	\$ 473,410	\$ 3,638,867
FY20 C/O - FAFF	\$ -	\$ -		\$ -
Consolidated PL	\$ 424,026	\$ 24,518	\$ 81,489	\$ 530,033
TOTAL Carrover:	\$ 424,026	\$ 24,518	\$ 81,489	\$ 530,033
TOTAL FUNDING	\$ 3,320,732	\$ 293,269	\$ 554,899	\$ 4,168,900

* includes matching funds from local communities & GMT sources.
At mid-year adjustment, carryover funds are included in total new funds.

PROJECTED TRANSPORTATION EXPENDITURES

CCRPC Staff	\$ 1,584,953		
Direct Expenses	\$ 40,500		
GMT	\$ 402,340		\$ 4,168,900
Regionally Matched Consultants	\$ 623,871		\$ 4,168,900
Locally Matched Consultants	\$ 987,203		\$ -
C./O from FY20(inc. in consultant costs)	\$ 530,033		
TOTAL PROJECTED EXPENDITURES	\$ 4,168,900		