



# FY2021 Annual Work Plan

*(Unified Planning Work Program - UPWP)*

## DRAFT Mid-year Adjustment – 12/29/2020

### 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	AB	AC
3	Task #		Municipality or Partner Agency	Staff Lead	Staff Support	Task Description	Task Deliverable(s)	End Month/Year	Direct CCRPC Staff	TOTAL \$ CCRPC Staff
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	\$ 5,169	\$ 9,407
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.		\$ 3,634	\$ 6,613
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	\$ 1,091	\$ 1,985
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	\$ 12,304	\$ 22,393
55	2.3.4.36	E&D, ADA & Medicaid Call Center Feasibility Study - <b>Deferred to FY22</b>	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	\$ -	\$ -
56	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	\$ 9,993	\$ 18,187
57	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	\$ 19,117	\$ 34,794
58	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 <b>technical assistance to municipalities</b> 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 <b>regional and state level deliverables</b> 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	\$ 78,528	\$ 142,920
59	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	\$ -	\$ -



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60	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	\$ 2,321	\$ 4,224
61	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	\$ 4,324	\$ 7,869
62	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	\$ 9,124	\$ 16,606
63	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	\$ 15,101	\$ 27,484
64	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	\$ 276	\$ 502
65	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	\$ 3,733	\$ 6,794
66	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	\$ 4,114	\$ 7,488
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	\$ 802	\$ 1,460
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	\$ 1,783	\$ 3,245
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	\$ 25,029	\$ 45,553
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	\$ 8,161	\$ 14,853
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	\$ 8,305	\$ 15,115



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72	2.3.7.6	South Burlington Bike/Ped Mapping Phase II - <b>In-house staff assistance. Consultant assistance deferred to FY22.</b>	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	\$ 3,747	\$ 6,820
73	2.3.7.7	Shelburne Bicycling and Pedestrian Connectivity Study - <b>Deferred to FY22</b>	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	\$ 5,657	\$ 10,296
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	\$ 7,579	\$ 13,793
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	\$ 10,217	\$ 18,595
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	\$ 6,522	\$ 11,870
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	\$ 5,815	\$ 10,583
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	\$ 21,913	\$ 39,882
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	\$ 9,348	\$ 17,013



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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	\$ 5,166	\$ 9,403
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	\$ 5,687	\$ 10,351
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. <b>The majority of Phase 3 will occur in FY22.</b>	Results of the parking management plan that will inform the short-term term multimodal improvements for North Winooski Avenue.	6/22	\$ 6,406	\$ 11,658
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	\$ 38,644	\$ 70,333
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	\$ 13,211	\$ 24,044
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	\$ 6,764	\$ 12,310
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	\$ 1,103	\$ 2,008
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	\$ 1,527	\$ 2,779
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 QCPR, 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	\$ 5,122	\$ 9,321
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	\$ 6,686	\$ 12,168









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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	\$ 5,166	\$ 9,403
106	3.0	<b>MITIGATION &amp; WATER QUALITY</b>								
107	3.1	<b>Hazard &amp; Natural Resource Protection</b>								
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	\$ 1,889	\$ 3,439
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	\$ 3,169	\$ 5,768
110	3.2	<b>Stormwater/Non-point Source Program</b>								
111	3.2.2	Water Quality - Non-transportation	Regional	Dan	Regina, Charlie	Monitoring of and reporting to munis 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	\$ 14,248	\$ 25,931
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	\$ 2,624	\$ 4,776
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	\$ 16,318	\$ 29,698
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	\$ 48,656	\$ 88,554
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	\$ 424	\$ 771



















	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
144	5.2.1		\$ 68,958		DEMHS					\$ -		\$68,958	\$0				\$68,958	\$68,958
145	5.2.1.7		\$ 10,952		?							\$10,952	\$0				\$10,952	\$10,952
146	5.2.4		\$ 7,091		DEMHS					\$ -		\$7,091	\$0			\$500	\$7,591	\$7,591
147	5.2.5		\$ 4,232		DEMHS					\$ -		\$4,232	\$0				\$4,232	\$4,232
148	5.2.7		\$ -		DEMHS					\$ -		\$0	\$0				\$0	\$0
149	5.3																	
150	5.3.1		\$ 7,278		VDH					\$ -		\$7,278				\$53,392	\$60,670	\$60,670
151	5.3.5		\$ 476										\$476				\$476	\$476
152	5.3.6		\$ 2,630									\$3,000					\$3,000	\$3,000
153	6.0																	
154	7.0																	
155	7.1																	
156	7.1.1.2	\$ 54,962	\$ -		PL				\$ -	\$ 54,962								\$54,962
157	7.1.1.3		\$ 2,893		MUNI					\$ -		\$4,000					\$4,000	\$4,000
158	7.1.1.4	\$ 5,905	\$ -	\$ -	PL			\$ -	\$ -	\$ 5,905	\$ 1,750							\$7,655
159	7.1.1.7		\$ 2,893							\$ -		\$6,000					\$6,000	\$6,000



