

## **FY2019 ANNUAL REPORT**

### **Underhill**

The Chittenden County Regional Planning Commission (CCRPC) is a political subdivision of the State created by the municipalities of Chittenden County in 1966 for the development of policies, plans and programs that address regional issues and opportunities in Chittenden County. Its vision is to be a pre-eminent, integrated regional organization that plans for healthy, vibrant communities, economic development, and efficient transportation of people and goods while improving the region's livability. The CCRPC serves as the region's federally designated metropolitan planning organization (MPO) and is responsible for comprehensive and collaborative transportation planning involving municipalities, state and federal agencies and other key stakeholders in Chittenden County. The CCRPC works to ensure implementation of the regional transportation plan and provides technical and planning assistance to its member municipalities and the Vermont Agency of Transportation (VTrans).

The CCRPC is governed by a 29-member board consisting of one representative from each of the County's 19 municipalities; transportation representatives from VTrans, Green Mountain Transit (GMT), Federal Highway Administration (FHWA), Federal Transit Administration (FTA), Burlington International Airport (BIA), and a rail industry representative; and, at-large members representing the interests of agriculture, environmental conservation, business, and housing/socio-economic. The legislative body of each Chittenden County municipality selects its own representative and alternate. The full CCRPC selects the at-large representatives.

The CCRPC appreciates the continued opportunity to work with its municipal members to plan appropriately for the region's future to protect and improve the special quality of life that is shared throughout Chittenden County. In FY19, the CCRPC invested more than \$5.7 million in regional land use, transportation, emergency management, energy, natural resources, public engagement, training, and technical assistance. The program leverages more than \$5.2 million in Federal and State investment with \$245,000 in municipal dues and another \$227,000 in local match for specific projects—an 11:1 return on local investment.

Underhill representatives to the CCRPC Board and other committees in FY19 were:

- CCRPC Representative: Brian Bigelow | CCRPC Alternate: Kurt Johnson
- Transportation Advisory Committee (TAC): Brian Bigelow
- Planning Advisory Committee (PAC): Andrew Strniste
- Clean Water Advisory Committee (CWAC): Brian Bigelow

Specific activities the CCRPC is engaged in with Underhill, as well as CCRPC's regional activities, are discussed in the following sections.

## UNDERHILL ACTIVITIES

In FY2019, the CCRPC provided direct assistance to Underhill on the following projects and initiatives:

- **Municipal Project Management:** CCRPC continues to serve as the Municipal Project Manager for the VT 15/Underhill Flats sidewalk project. CCRPC staff reviewed easements and deeds, edited valuation worksheets, evaluated right-of-way plans, addressed stormwater concerns, provided assistance with a wetlands delineation permit application and reviewed consultant invoices.
- **Municipal Plan Development Assistance:** CCRPC staff provided assistance with amendments to the Underhill Town Plan and reviewed all requirements needed to ensure renewal of the Underhill Center Village Center designation.
- **Geographic Information Systems:** CCRPC developed maps for the Local Emergency Operations Plan as well as provided maps for the municipal plan. CCRPC staff proposed revisions to Census statistical boundaries that will be used to tabulate data for the 2020 Census, the American Community Survey, and the economic census.
- **Emergency Management – LEMP:** CCRPC staff offered assistance with preparation of the annual Local Emergency Management Plan (LEMP), formerly known as the Local Emergency Operations Plan (LEOP), to ensure that Underhill is prepared in the event of a disaster.
- **Municipal Infrastructure Inventories:** CCRPC staff updated the VTCulvert database with Underhill culvert data provided by Underhill's CAD consultant.
- **Municipal Roads General Permit (MRGP) Compliance, Water Quality Planning Assistance and Associated Stormwater Projects:**
  - Conceptual plans were developed for high priority road erosion sites on Westman Road and Bear Town Road for a total of \$5,000. Subsequently, concept plans developed for Bear Town Road were used to obtain a VTrans Better Roads Category B FY20 grant totaling \$16,269.
  - Using funds from VDEC's Clean Water Block Grant program, the CCRPC secured funds for and administered a sub-grant to the Town for construction of a large raingarden at the Town office to treat stormwater from the roof and parking lot. The rain garden will be constructed in fall 2019.
- **Traffic Counts:** The CCRPC conducted four roadway AADT (Annual Average Daily Traffic) counts in support of Underhill's transportation projects and studies (<http://vtrans.ms2soft.com/>).
- **Technical Assistance:** CCRPC staff provided a variety of technical assistance to the Town, including:
  - Assisted the Jericho-Underhill Fire Department with a mapping request;
  - Provided energy planning support to the Underhill Planning Commission.

## Underhill Projects in the Transportation Improvement Program (TIP)

The TIP (<http://www.ccrpcvt.org/our-work/our-plans/transportation-improvement-program/>) is a prioritized, multi-year list of transportation projects in Chittenden County. To receive federal transportation funds, each transportation project, program or operation must be authorized through the TIP. Underhill projects included in the TIP are listed below. These projects are also identified in the FY2019 Vermont Agency of Transportation Capital Program for design or construction.

- **VT15/Underhill Flats Sidewalk:** 2013 Bike/Ped Grant of \$342,022 for the construction of 2,640 feet of sidewalk along VT 15 from Park St to Dumas. Sidewalk to be constructed in 2019.
- **VT15 Paving:** The entire length of VT15 in Underhill will be repaved as part of two separate projects: Essex-Underhill, a \$6.24 million project, will begin in 2019; and, Underhill-Cambridge, a \$10.96 million project, will begin in 2020.

## FY2020 CCRPC Work Program

Project Name	Brief Description	Total Budget
River Road/Pleasant Valley Road Bicyclist Accommodation and Pavement Analysis	This project will identify safety improvements for bicyclists and motorists who use River Road and Pleasant Valley Road and will also include a pavement analysis to address crumbling shoulders and deep and persistent rutting.	\$50,000 budget which includes a local match of \$10,000

## REGIONAL ACTIVITIES

- **ECOS Plan Implementation:** CCRPC continues to implement its [2018 Chittenden County ECOS Plan](#) which combines the regional plan, comprehensive economic development strategy, and metropolitan transportation plan, as reflected in this report. The [2018 ECOS Annual Report](#) is a summary that highlights regional accomplishments, trends, and high priority actions. (<http://www.ecosproject.com/annual-report/2018-annual-report>) In addition, the ECOS Scorecard hosts the ECOS Partners' shared measurement and indicator system that monitors how Chittenden County is doing relative to achieving our shared ECOS goals. (<https://app.resultsscorecard.com/Scorecard/Embed/8502>)
- **Legislative Forum:** The CCRPC hosted the 2018 Legislative Breakfast in December as a forum for a short and focused conversation with local legislators and municipal representatives on key issues and topics important to area municipalities for the 2019-2020 legislative session, including: housing, water quality, employment and Act 250. (<http://www.ccrpcvt.org/about-us/commission/policies-positions/>)
- **Building Homes Together:** 2018 was the third year of the Building Homes Together campaign, initiated by the CCRPC, Champlain Housing Trust and Housing Vermont in 2016. The campaign's

goal is to increase the production of housing in Chittenden County, setting a target of 3,500 new homes created over the next five years, with 700 of them permanently affordable. Three years into the five-year campaign, 2,273 homes have been built and the region is on track to reach 3,500 new homes by 2021. However, we continue to fall short on the affordable housing goal. (<http://www.ecosproject.com/building-homes-together>)

- **Public Health:** The CCRPC supports and serves on the Chittenden County Opioid Alliance (CCOA, <http://www.ccoavt.org>) together with other dedicated stakeholders including local non-profit agencies, state and local government, United Way of Northwest Vermont, UVM Medical Center, Vermont Department of Health, business leaders and community members in Chittenden County. CCRPC also served as the lead agency for the Regional Prevention Partnership (<http://www.healthvermont.gov/alcohol-drug-abuse/programs-services/prevention-programs>). Accomplishments include expansion of drug take-back locations, promoting drug take-back days, fake ID enforcement, and community education about substance use prevention.
- **Emergency Management:** In addition to facilitating Local Emergency Planning Committee meetings (LEPC 1, <http://www.ccrpcvt.org/about-us/committees/local-emergency-planning-committee/>), the CCRPC participated in a variety of emergency management-related workshops and exercises to enhance resilience to disasters in our region. The CCRPC also served as the local liaison between municipalities and the state to collect damage assessment information after significant storm events, helped with emergency preparedness for hazardous materials incidents, collected information from each municipality on annual implementation of hazard mitigation activities and worked with municipalities to complete Local Emergency Management Plans.
- **Regional Energy Planning:** Following the adoption of the Regional Energy Plan in June 2018 as part of the ECOS Plan (<http://www.ccrpcvt.org/our-work/our-plans/regional-energy-plan/>), the CCRPC continued to conduct outreach with municipal Energy Committees/Planning Commissions, municipal legislative bodies and State agencies to assist with the development of local energy plans and support the State's Comprehensive Energy Plan. CCRPC has provided 5 municipalities with a positive determination of energy compliance in FY18. The CCRPC participated in Drive Electric Vermont meetings, commented on Public Utility Commission proceedings, and provided support to municipalities with the Electric Vehicle Supply Equipment (EVSE) grant program.
- **Education & Training:** The CCRPC participated in and hosted the following trainings: Act 174 Training Assistance, Local Emergency Management Plan training, Chittenden County Road Foreman workshop, Bluetooth Advanced Traffic Management System workshop and Regional Housing Convenings. The CCRPC also continued to host the 12-month webinar series from the Association of Pedestrian and Bicycling Professionals for municipalities and regional partners.
- **Lake Champlain Byway:** Chittenden County includes eight of the Byway's 22 communities: Milton, Colchester, Winooski, Essex Junction, Burlington, South Burlington, Shelburne and Charlotte. CCRPC staff maintained the Byway website ([www.lakechamplainbyway.com](http://www.lakechamplainbyway.com)) including this helpful Interactive Map (<http://map.ccrpcvt.org/lcbyway/>) and mobile Story App (<https://lcbyway.oncell.com/en/index.html>)

- **Clean Water:** The CCRPC maintains its commitment to clean water initiatives throughout our region so all residents have access to clean drinking water; to strengthen our region's recreation and tourism industry; and to become more resilient to significant storm events. The CCRPC continued to host the Clean Water Advisory Committee and the MS-4 Sub-Committee (<https://www.ccrpcvt.org/about-us/committees/clean-water-advisory-committee/>), provided guidance for the Vermont Clean Water Fund, assisted municipalities with stormwater master plans, supported education programs such as the Rethink Runoff Stream Team (<http://rethinkrunoff.org/the-stream-team/>), and participated in water quality-focused policy discussions around adequate funding and clean water service providers in 2019.
- **Municipal Roads General Permit (MRGP) Compliance and Water Quality Planning Assistance:** The CCRPC assisted member municipalities by conducting Road Erosion Inventories (REIs) and developing conceptual plans to address road erosion issues to meet MRGP requirements. For an interactive dashboard of the REI progress visit <https://map.ccrpcvt.org/reidashboard/>. CCRPC staff assisted municipalities with **Better Roads** grants and **Grants-in-Aid** projects to address road erosion issues. The CCRPC also provided funding to municipalities for scoping/conceptual plan development for non-MRGP related stormwater issues on local roads.
- **Transportation Demand Management:** In partnership with VTrans, CCRPC staff continued the **Way to Go! Challenge** ([www.waytogovt.org](http://www.waytogovt.org)) as a school-focused K-12 program to encourage sustainable transportation and demonstrate the environmental and financial benefits of non-single occupant vehicle travel. The CCRPC also continued to collaborate with regional TDM partners to evaluate strategies and policies to encourage sustainable modes of transportation such as walking, biking, ride-sharing, vanpooling, transit, bike-sharing and car-sharing. TDM partners include: the Chittenden Area Transportation Management Association (CATMA), CarShare VT, Green Mountain Transit (GMT), Local Motion, Greenride Bikeshare, Go! Vermont/VTrans, and United Way.
- **Elderly and Disabled (E&D) Transit Service Review:** The CCRPC, Green Mountain Transit (GMT) and United Way have been working together to evaluate Chittenden County's E&D Transportation Program. The goal of this initiative is to expand the understanding of the E&D program among stakeholders and identify opportunities for improvement. Recommendations will be completed in the fall of 2019.
- **Neighbor Rides:** Since Spring 2013, the CCRPC has been investing in Neighbor Rides to improve the integration of volunteer drivers into SSTA's services and increase access to transportation for seniors and persons with disabilities by offering a lower-cost mode of transportation. (<http://www.unitedwaynwvt.org/Neighbor-Rides>)
- **Active Transportation Planning:** The CCRPC completed an analysis of Greenride Bikeshare's ([www.greenridebikeshare.com](http://www.greenridebikeshare.com)) first year data and made recommendations for system expansion, and worked with TDM partners and local municipalities to plan Greenride's expansion and fleet conversion to electric assist bicycles (<https://www.ccrpcvt.org/regional-mobility-analysis-and-recommendations/>). The CCRPC provided walk/bike recommendations on local and state paving plans; assisted municipalities with state bike/ped grant applications; developed model bike parking ordinances for municipalities; planned and hosted (with VTrans) two walk/bike events as the Vermont Chapter of the Association of Pedestrian and Bicycle

Professionals; promoted TDM strategies to municipalities and businesses; compiled Complete Streets data for Chittenden County municipalities; and, with Local Motion, conducted bike/ped counts on paths, bike lanes and roadways. (<http://www.ccrpcvt.org/our-work/our-plans/regional-bikeped-plan/>)

- **Chittenden County Transportation Survey:** Since 2000, the CCRPC has regularly assessed the public's attitudes on transportation related issues. In 2018, the CCRPC worked with a consultant to replicate the previous survey versions to note any historical attitudinal shifts. The purpose of the survey is to objectively measure public opinion regarding performance of the region's transportation system and identify strategies to address existing and future deficiencies. (<https://www.ccrpcvt.org/wp-content/uploads/2018/11/2018-Transportation-Survey-Report.pdf>).
- **Diversity & Equity:** The CCRPC continues to use the **2014 Public Participation Plan (PPP)** to guide our focus on diversity and equity in all projects. A PPP update is planned in FY21 to ensure everyone understands our role and responsibilities to engage the public and encourage participation, with a special emphasis toward reaching traditionally underserved and underrepresented populations in the county, including people/households with limited English proficiency, people of color, people with disabilities, low-income households, new Americans, seniors, and youth. In FY19, the CCRPC participated in the Refugee and Immigrant Service Provider Network, developed Equity Impact Worksheets for transportation projects, participated in public engagement webinars, completed our Title VI Report for VTrans/FHWA, and participated in an implicit bias training. (<http://www.ccrpcvt.org/our-work/our-plans/public-participation-plan/>)
- **Regional Technical Assistance:** This includes, but is not limited to, municipal technical assistance for various transportation issues, GIS mapping, model municipal plans, bylaw and ordinance revisions, Act 250/Section 248 application reviews, grant administration and grant application assistance, build-out analyses, orthoimagery acquisition, and improving the VT Online Bridge and Culvert Inventory Tool (<http://www.vtculverts.org/>).
- **Advanced Traffic Monitoring System (ATMS) using Bluetooth Technology:** The CCRPC and VTrans deployed corridor-level Bluetooth devices along the following five corridors in Chittenden County: US 2 at Exit 14; VT 289, Susie Wilson Road and VT 15; VT 2A and US 2 north of Exit 12; I-89 Exit 17 area; and I-89 Exit 16 area. This system provides the ability to monitor vehicle travel times and average travel speeds on these corridors to help address congestion issues and improve incident response (crashes, signal failures, etc.), thereby enhancing safety and mobility, and reducing congestion. This data will be utilized by the VTrans Advanced Transportation Management System (ATMS) and Traveler Information System (TIS) for 511.
- **Chittenden County I-89 Study:** The goal of this multi-year study (<http://www.ccrpcvt.org/our-work/transportation/chittenden-county-i-89-2050-study>) is to assess capacity, safety, resiliency and other issues of the I-89 corridor and its existing interchanges within Chittenden County; and to develop a comprehensive, multimodal plan for interstate and interchange investments that accommodates anticipated growth through 2050 and best aligns with the Vision that will be articulated by a broad and diverse group of stakeholders and the public.

- **Regional Dispatch Implementation Study:** The CCRPC continues to support the Chittenden County Public Safety Authority (CCPSA) formed by the following municipalities in 2018 (Burlington, Colchester, Milton, South Burlington, Williston, Winooski) to implement a plan for a consolidated regional dispatch center for police, fire and rescue agencies.  
(<http://www.ccrpcvt.org/our-work/emergency-management/regional-dispatch/>).

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For further information about the CCRPC, please visit <http://www.ccrpcvt.org/> or contact CCRPC Executive Director, Charlie Baker: [cbaker@ccrpcvt.org](mailto:cbaker@ccrpcvt.org), 802-846-4490 ext. \*23.