# VT 117 and Skunk Hollow Road Intersection Scoping Study

LOCAL CONCERNS MEETING

February 15, 2018

# Agenda

- Project Team
- About the Project
- Existing Conditions
- Public Input
- Next Steps



# Meet the Project Team

#### **Town of Jericho**

Todd Odit, Town Administrator

#### **Chittenden County Regional Planning Commission**

- Sai Sarapelli, P.E., Project Manager
- Peter Keating, Senior Transportation Planner
- Eleni Churchill, Transportation Program Manager

#### Vermont Agency of Transportation

- Patti Coburn, Senior Project Manager
- Mario Dupigny-Giroux, Traffic Safety Engineer
- Dick Hosking, District 5 Project Manager

#### VHB

- David Saladino, P.E., AICP, Project Manager
- Scott Burbank, P.E., Structures Engineer
- Dan Peck P.E., Senior Transportation Engineer
- **Erica Quallen, E.I.T**, Transportation Engineer

# Project Schedule

- Project Kick-Off Meeting
- Existing Conditions Assessment
- Local Concerns Meeting
- Alternatives Assessment
- Alternatives Presentation
- Final Scoping Report

Completed (12/19/17) Underway **Tonight** April – May June July / August

### Project Background

- Purpose : To identify a preferred alternative to improve safety and mobility at the intersection.
- VT 117 from Skunk Hollow Road south is a designated **High Crash Location** segment
- Approximately 1,000 vehicles pass through this intersection during morning and evening rush hours.
- 2015 Jericho Transportation Plan recommended improvements be investigated in the **near term**
- Roadway reclamation project along VT 117
   scheduled for 2018-2019 construction.



Three-way intersection of VT Route 117 & Skunk Hollow Road:

- Unsignalized, Stop-Controlled approach on Skunk Hollow Road
- Culvert & Unnamed Tributary
   located immediately east of
   intersection
- Skewed Alignment and Steep
   Grades on Skunk Hollow
  - 40° approach angle
  - 9% approach slope

Insufficient Sight Distance turning
 onto and off Skunk Hollow



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### VT 117

- 50 mph posted Speed Limit
- **5,600** vehicles per day

#### **Skunk Hollow Road**

- 35 mph posted Speed Limit
- 2,400 vehicles per day

#### Traffic Data

- Collected January 31, 2018
- Heavy commute flows to/from Williston/Essex



### **Bicycle Accommodations**

- VT 117 is identified as "High Use/Priority" in the VTrans Bicycle Corridor Priority Map
- VT 117 is identified as a "High Priority / High Feasibility" proposed facility in the CCRPC Active Transportation Plan.



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### Safety Assessment

 VT 117 from Skunk Hollow Road south is a designated High Crash Location segment

15 reported crashes in 5 years;
4 injuries and no fatalities



### Natural Resources

- R, T, E Species
- Flood Hazard Zone
- Wetlands, River Corridor at culvert outfall



- Protected Land (Conservation Easement)
- 2017 Tax Parcel Boundary

Floodplain

# Your Thoughts?



Realignment?





### Next Steps

Alternatives Assessment

April – May

Alternatives Presentation

June

Final Scoping Report
July / August

## **Stay Connected**



https://www.ccrpcvt.org/our-work/transportation/currentprojects/scoping/skunk-hollow-route-117-intersection-scoping-study/



#### VT 117-Skunk Hollow Road Intersection Scoping Study - Existing Conditions

