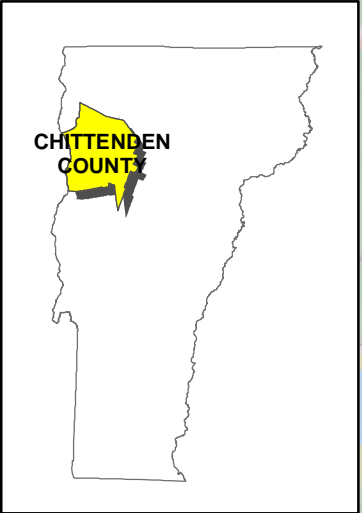
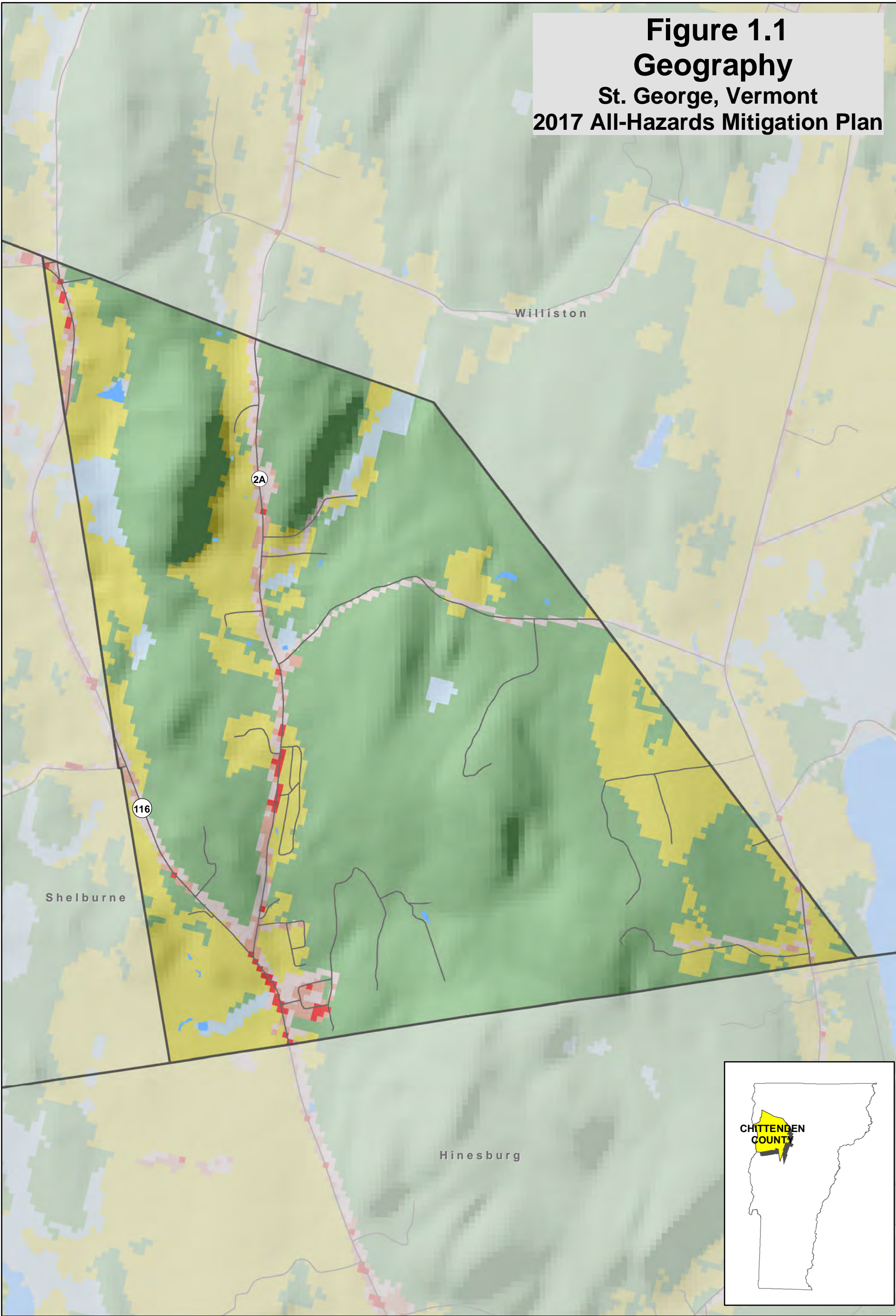






Figure 1.1
Geography
St. George, Vermont
2017 All-Hazards Mitigation Plan



Land Cover

- | | |
|---|---|
|  Developed, Open Space |  Barren Land |
|  Developed, Low Intensity |  Forest |
|  Developed, Medium Intensity |  Pasture/Crops |
|  Developed, High Intensity |  Wetlands |

DATA SOURCES:
Land Cover - NLCD, 2011
Hillshade - VCGI

0 0.175 0.35 0.7 Miles

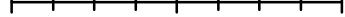
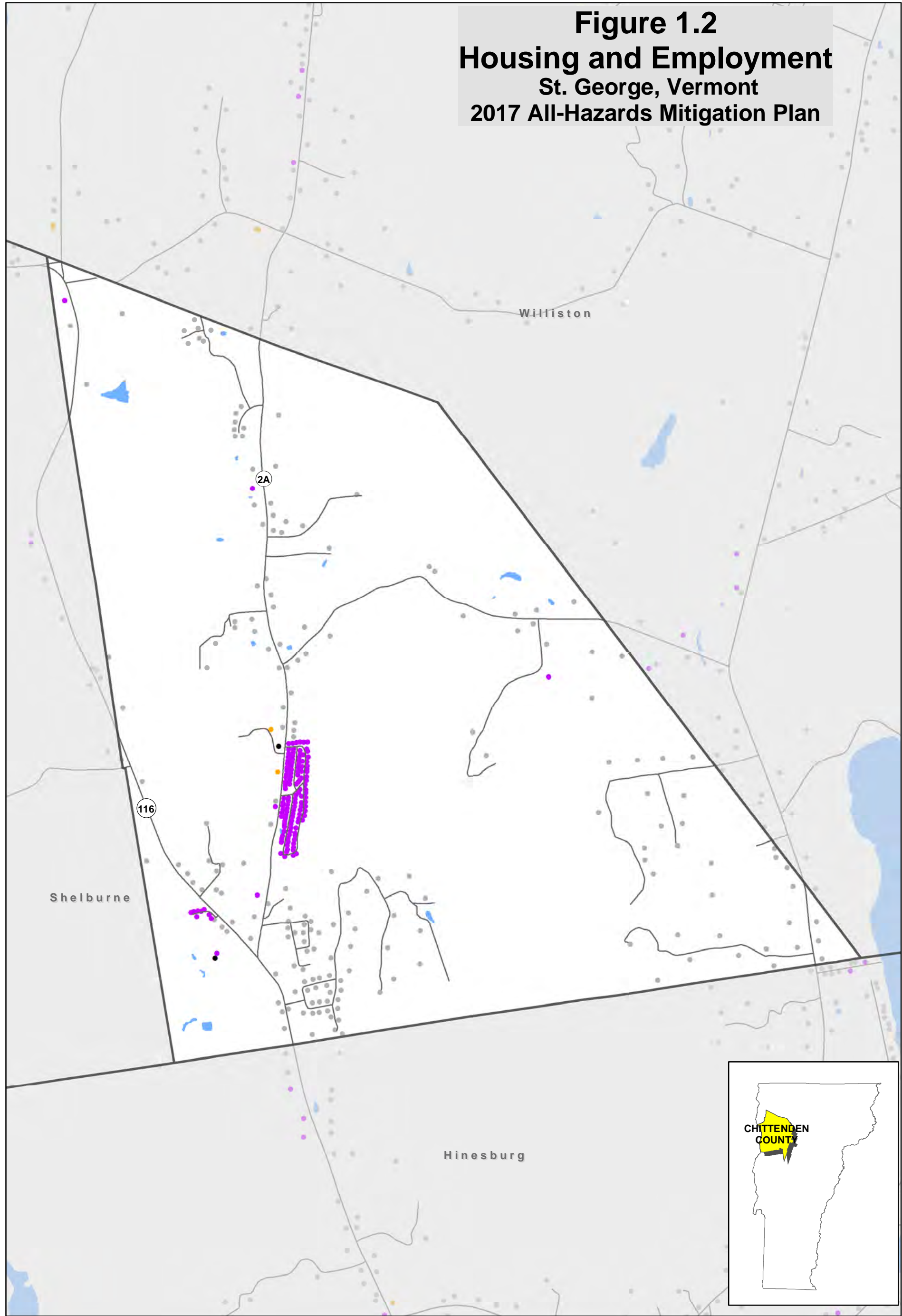


Figure 1.2
Housing and Employment
St. George, Vermont
2017 All-Hazards Mitigation Plan



Housing

- Mobile Home
- Multi-family
- Single Family
- ◆ Congregate Housing*

● Employment Locations

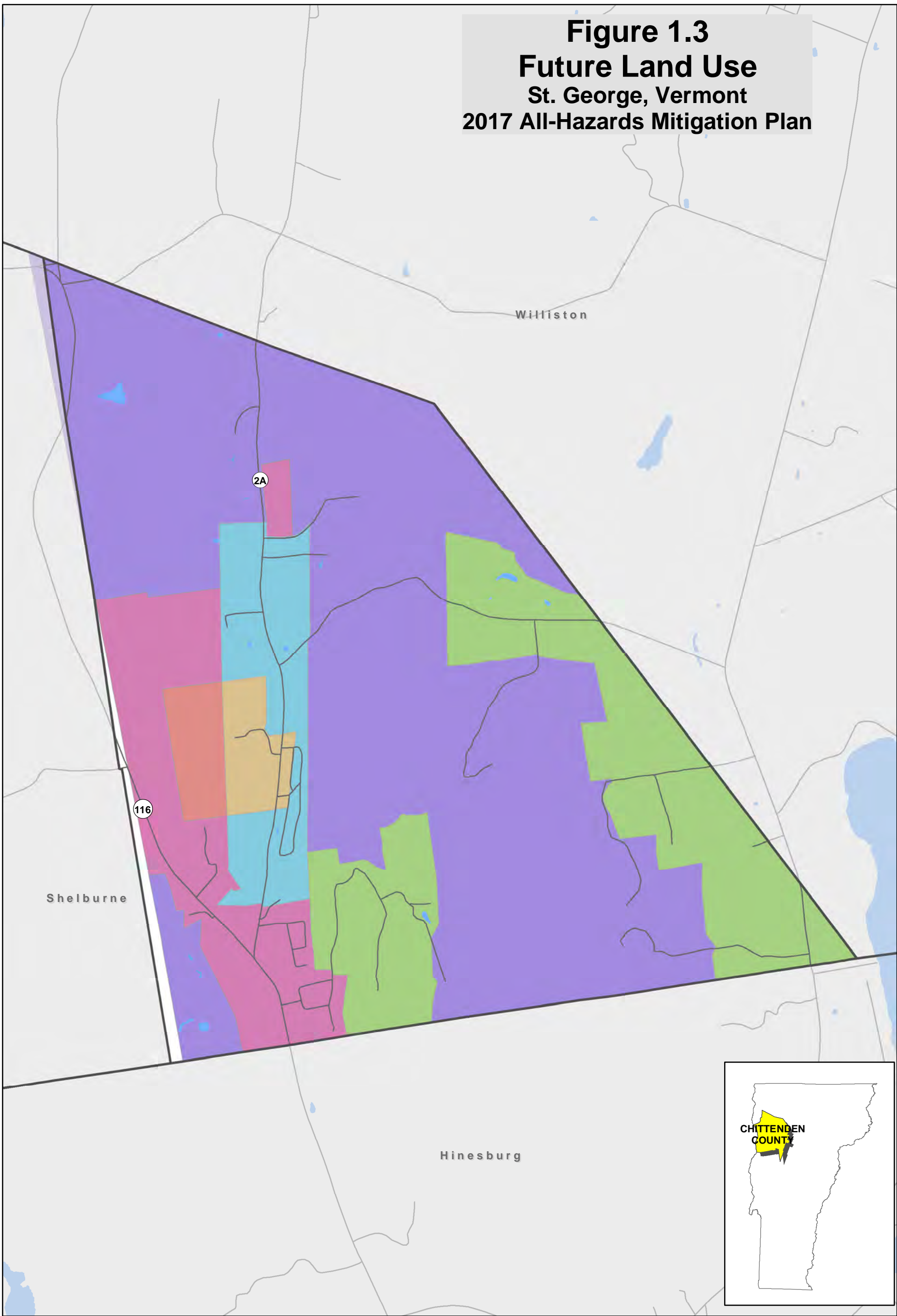
*Congregate Housing includes:
Nursing Homes, Assisted Living
Residence, Therapeutic Community
Residence, and Level III Residential
Care Homes.

DATA SOURCES:
Mobile Home, Multi-family, Single-family- E911,2017
Employment Locations -CCRPC, 2013
Congregate Housing-VT Dept. Aging, Independent Living, 2015

0 0.15 0.3 0.6 Miles



Figure 1.3
Future Land Use
St. George, Vermont
2017 All-Hazards Mitigation Plan



Zoning District

- Low Density Residential
- Medium Density Residential
- Rural Development

- Village Center
- Village Center Reserve
- Village Neighborhood



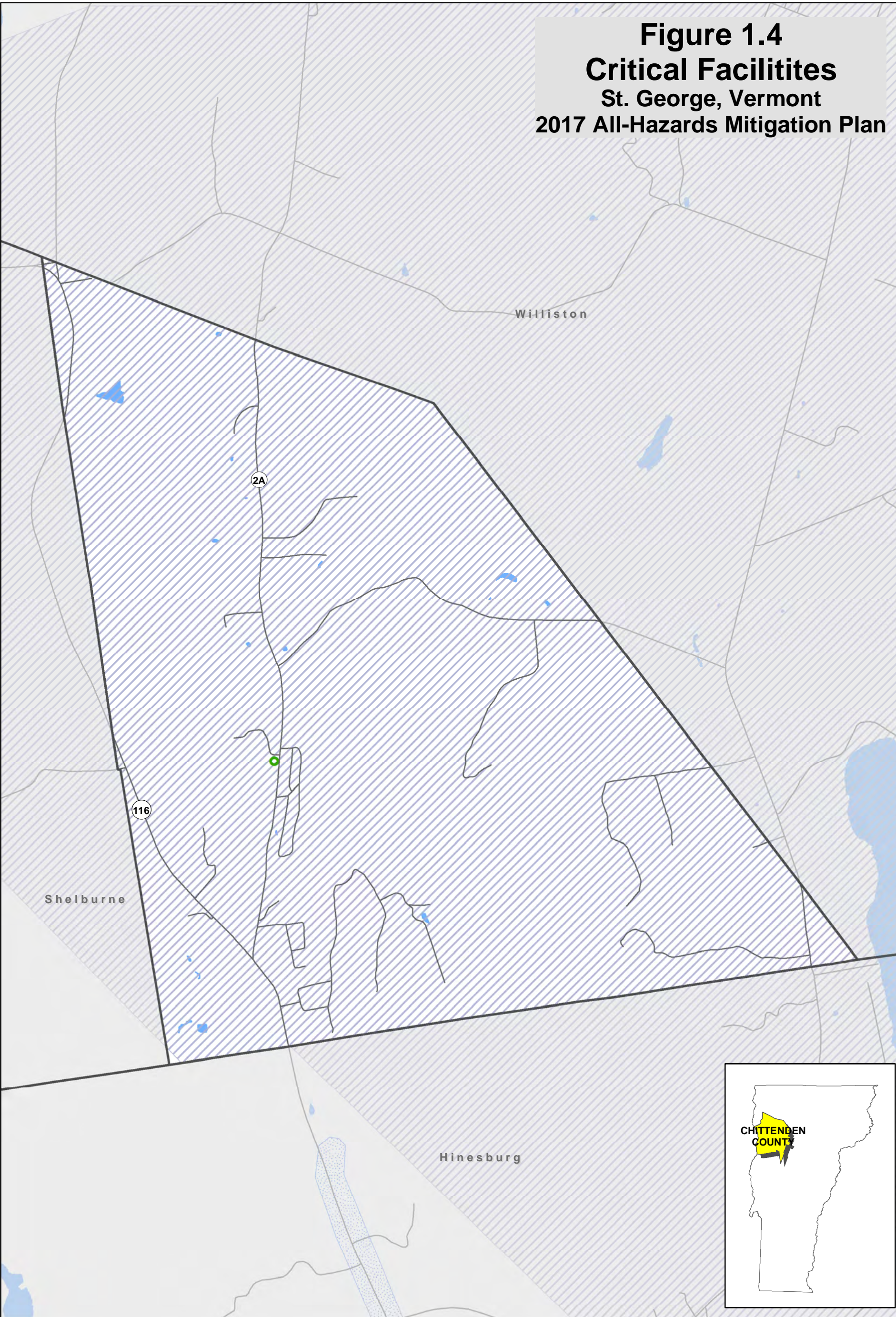
DATA SOURCES:
Zoning, 2011

0 0.15 0.3 0.6 Miles



Document Path: D:\Projects\16\AHMP\Final_Towns\FutureLandUse\FutureLandUse_StGeorge_20161003.mxd

Figure 1.4
Critical Facilities
St. George, Vermont
2017 All-Hazards Mitigation Plan



School	Fire	Electric Utility Burlington Electric Dept. Green Mountain Power Vermont Electric Co-op
College / University	Emergency Shelter	
Law Enforcement	Water and Wastewater Treatment Facility	
Municipal Office	Vermont Gas Service Area	
EMS	Sewer Service Area	
	Water Service Area	

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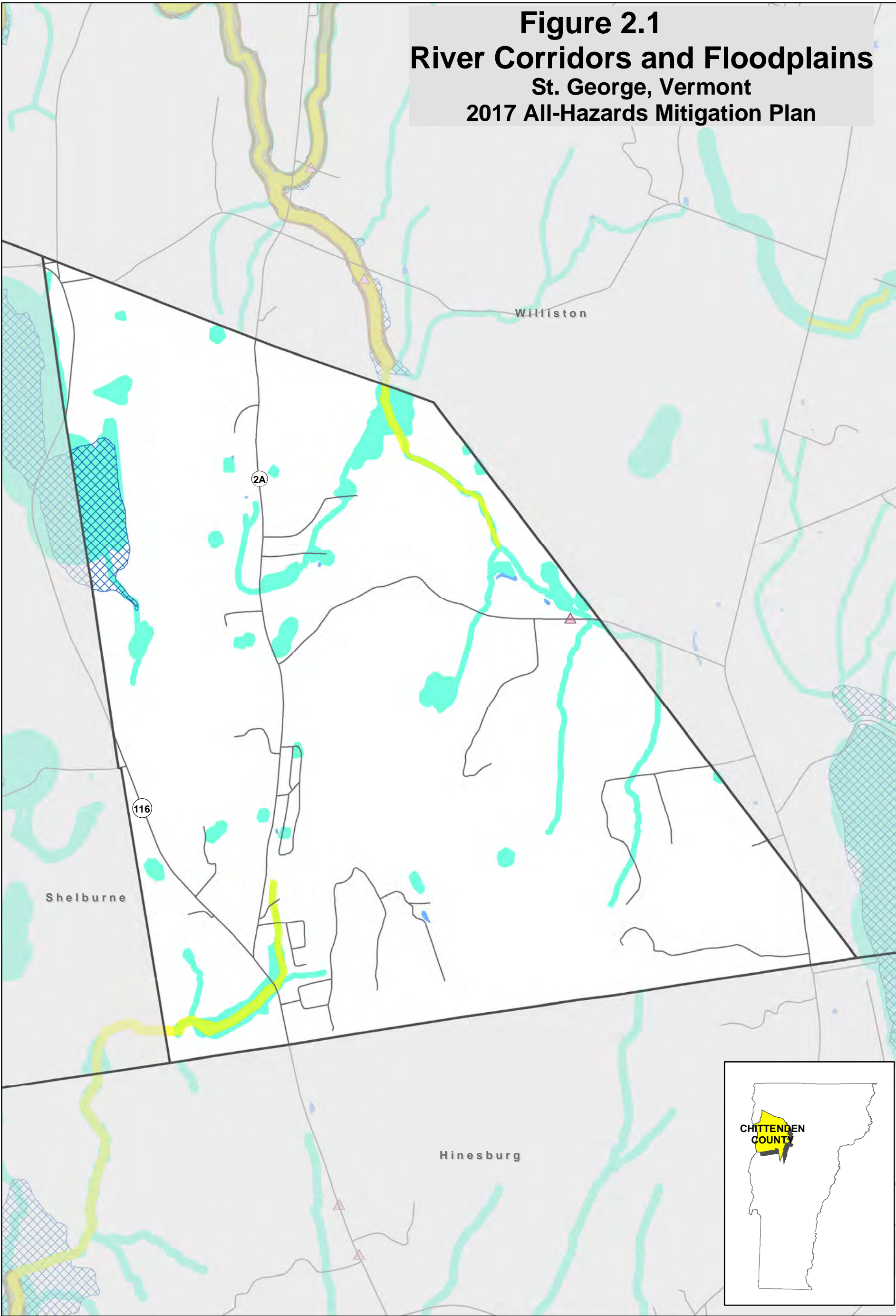
DATA SOURCES:
Schools, Law Enforcement, Municipal Office, EMS, Fire, Wastewater Facility - Critical Facilities, 2014, CCRPC
Electric Utility Franchise Areas - VCGI
Vermont Gas data - VT Gas 2016
Water Service Area- CCRPC, 2016
Sewer Service Area-CCRPC, 2012

0 0.15 0.3 0.6 Miles

N

Document Path: D:\Projects\16\AHMP\Final_Towns\CriticalFacilities\CriticalFacilitiesPortrait_20161003.mxd

Figure 2.1
River Corridors and Floodplains
St. George, Vermont
2017 All-Hazards Mitigation Plan



National Inventory of Dams

DamStatus

- In Service
- Breached

Geomorphically Incompatible Culvert

Compatibi

- Mostly Incompatible*
- Fully Incompatible**

River Corridor Protection Area

ANR River Corridor - January 2015

*Mostly incompatible 5<GC<10
% Bankfull Width + Approach Angle scores < 2 - Structure mostly incompatible with current form and process, with a moderate to high risk of structure failure. Re-design and replacement planning should be initiated to improve geomorphic compatibility.

**Fully incompatible 0<GC<5
% Bankfull Width + Approach Angle scores < 2 AND Sediment Continuity + Erosion and Armoring scores < 2 - Structure fully incompatible with channel and high risk of failure. Re-design and replacement should be performed as soon as possible to improve geomorphic compatibility.

Digital Flood Insurance Rate Map

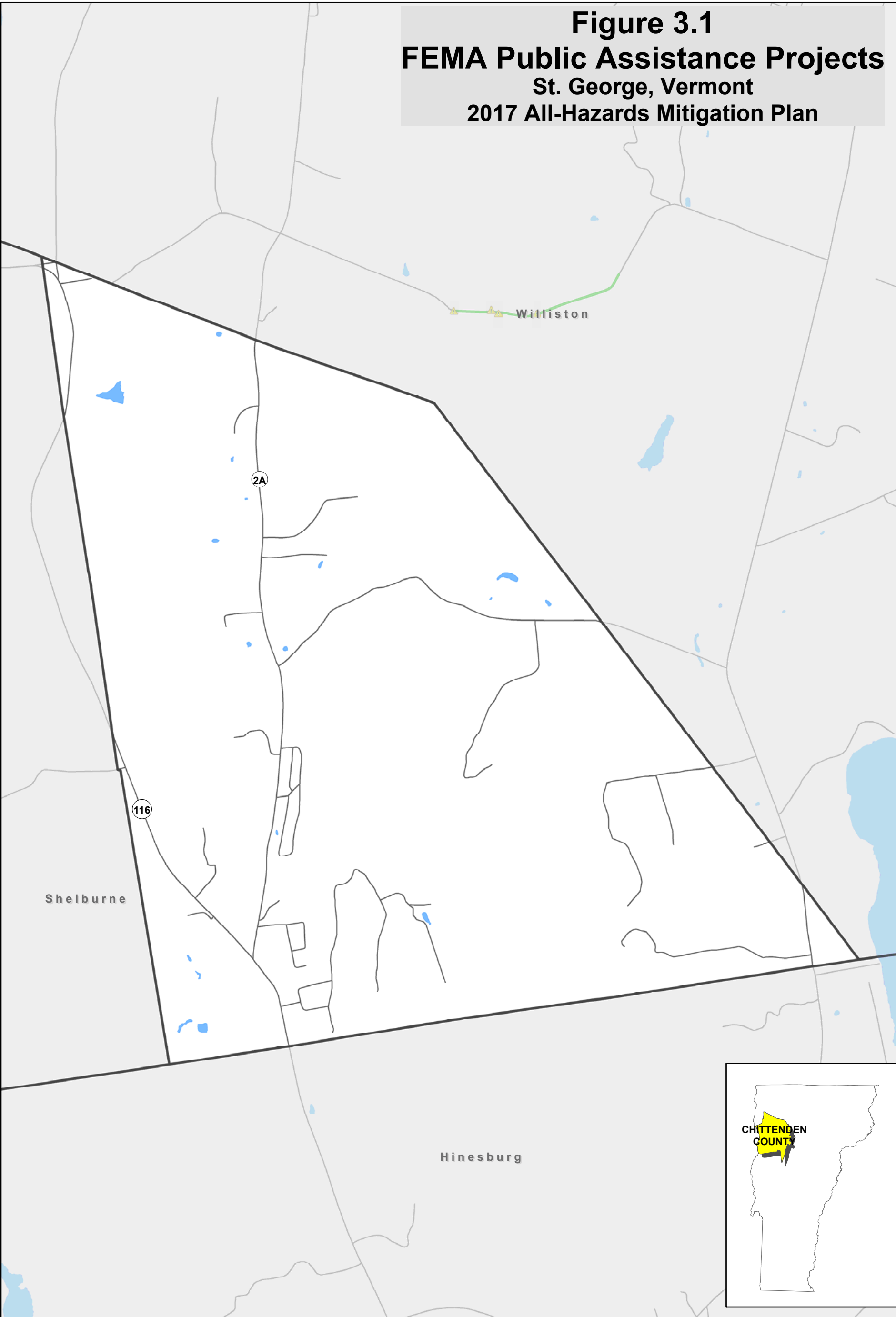
- Special Flood Hazard Area (100 Year Floodplain)
- View individual Municipal Regs for detail

DATA SOURCES:
Dams data from US Army Corps of Engineers; Insufficient structures derived from ANR geomorphology inventories. River Corridor Protection Area equals a rivers meander belt (also known as Fluvial Erosion Hazard Area). River Corridor equals a rivers meander belt plus buffer extension. See Floodready.vermont.gov for more detail
FEMA DFIRM - developed in 2011 by FEMA consultant
Municipal Water Protection Buffers & Setbacks derived from municipal zoning regulations.

0 0.175 0.35 0.7 Miles

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Figure 3.1
FEMA Public Assistance Projects
St. George, Vermont
2017 All-Hazards Mitigation Plan



Public Assistance Category			
	Debris Removal		Water Control Facilities (Stormwater Management)
	Debris Removal		Protective Measures
	Roads & Bridges		Public Buildings
	Roads & Bridges		Public Utilities
	Recreational or Other		
	Recreational or Other		

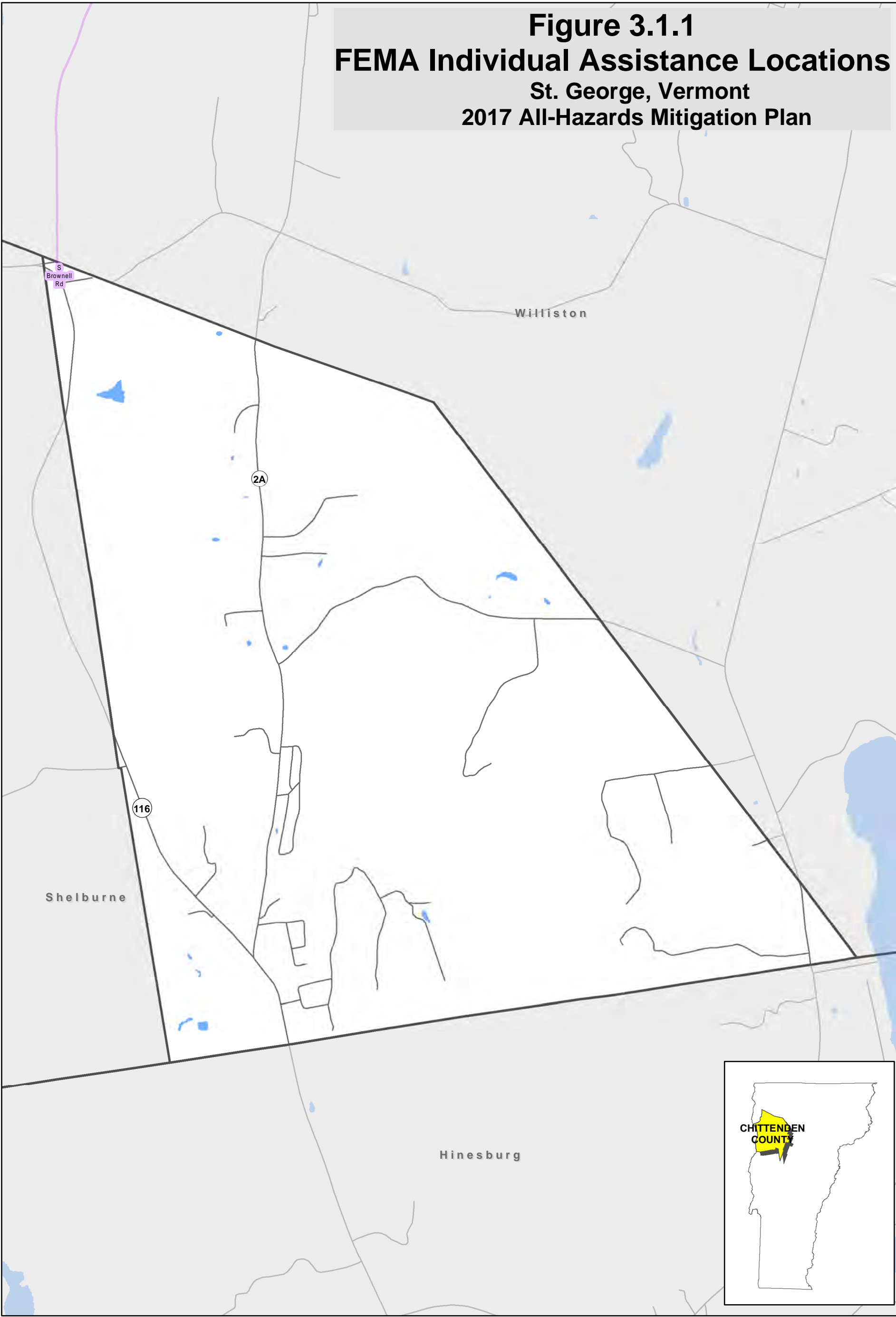
Note*: Some Debris removal and protective measures locations are shown at the location of the municipal office. This indicates assistance was at various locations throughout the municipality not that damages were incurred at the office.

Data Sources:
Public Assistance Project Locations-FEMA, 2015

00.150.30.6 Miles

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Figure 3.1.1
FEMA Individual Assistance Locations
St. George, Vermont
2017 All-Hazards Mitigation Plan



Number of Claims

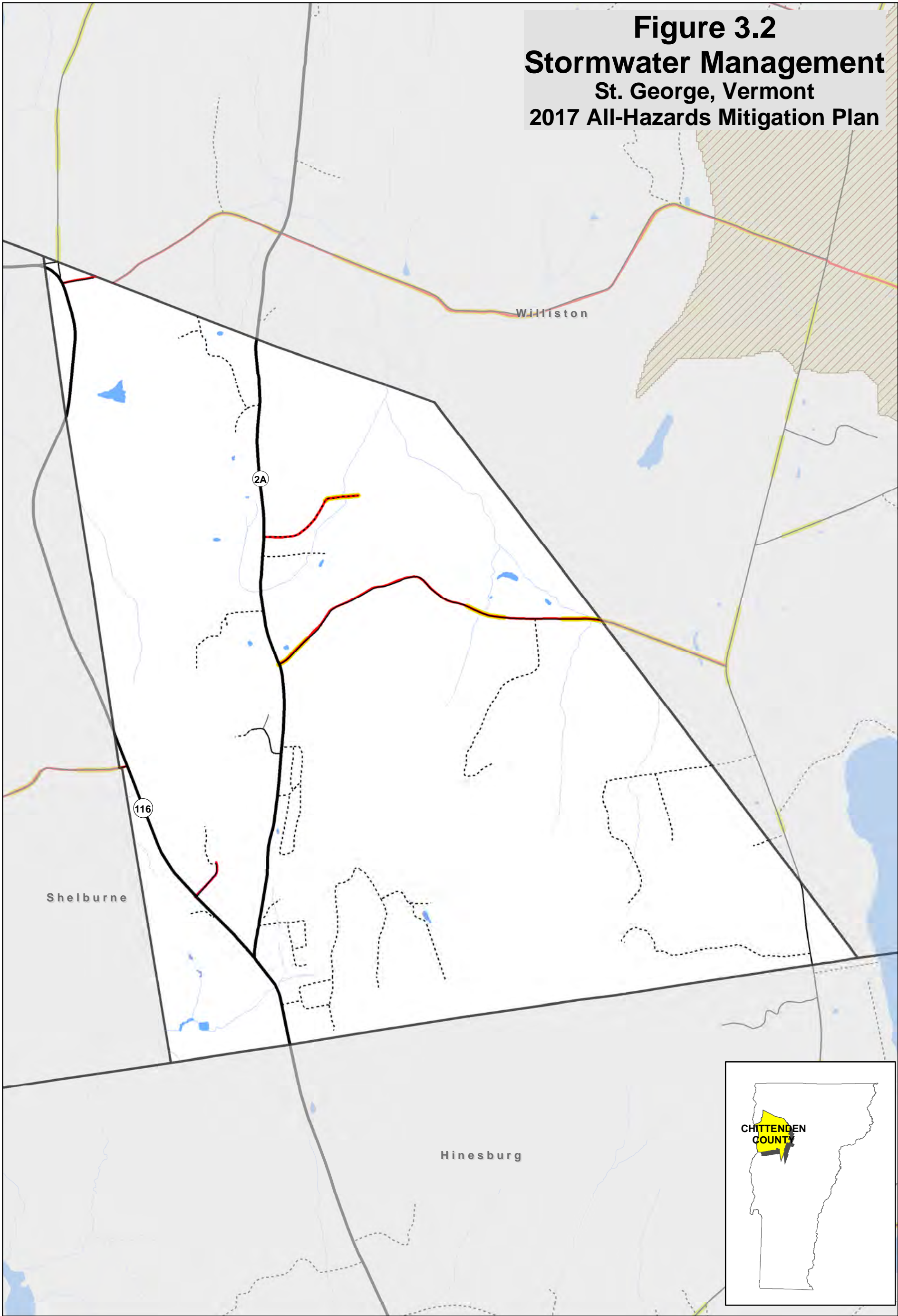
June 2011 Disaster	September 2011 Disaster
1 - 2	1 - 2
3 - 4	3 - 4
5 - 6	

DATA SOURCES:
Individual Assistance Claims Locations-FEMA, 2015

0 0.15 0.3 0.6 Miles



Figure 3.2
Stormwater Management
St. George, Vermont
2017 All-Hazards Mitigation Plan



Road Class

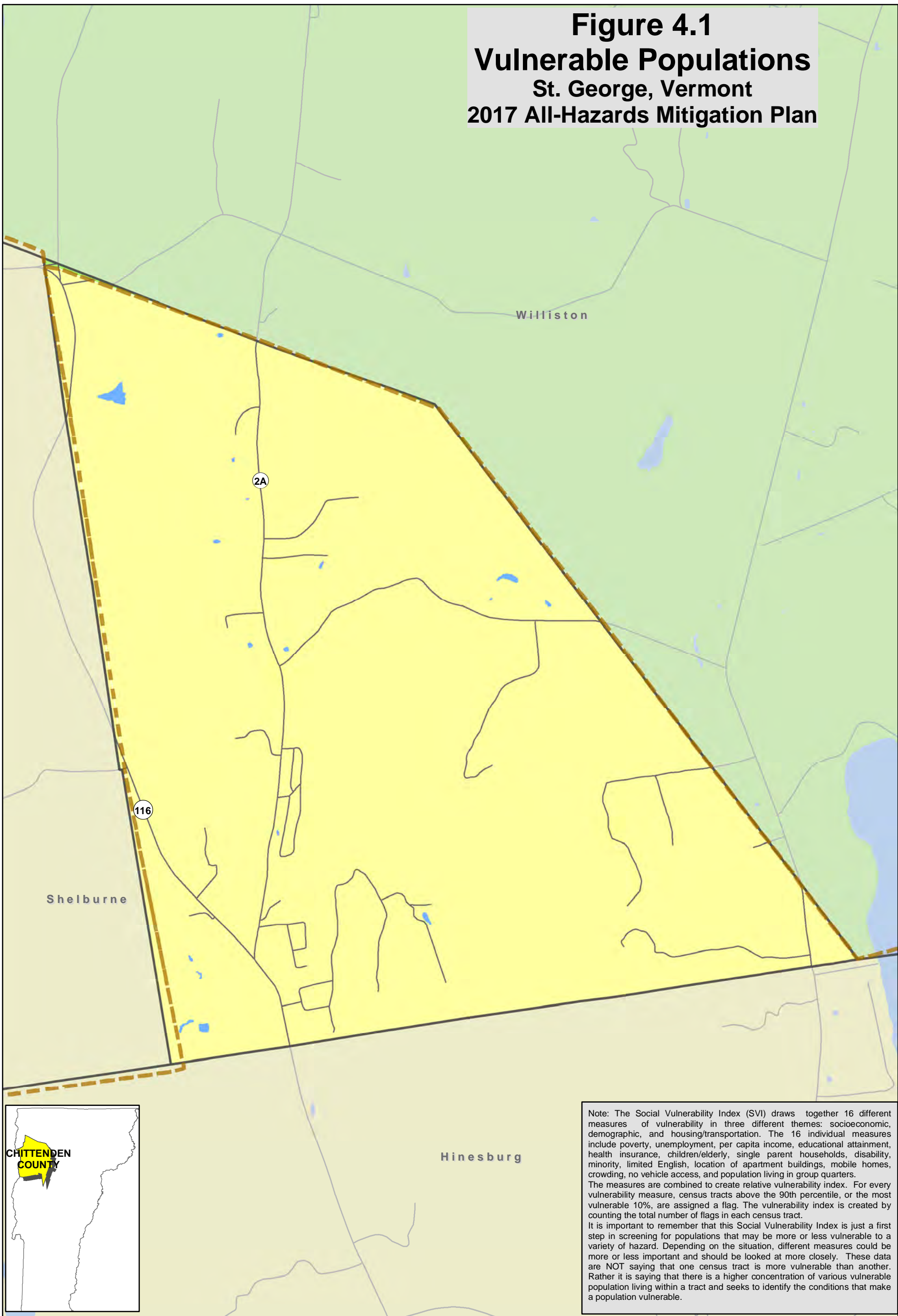
- | | |
|-----------------|---|
| — Paved Road | — Gravel or Class 4 Road |
| — State Highway | — Hydrologically Connected Road Segment |
| — Town Highway | — Stream Centerline |
| ----- Private | Stormwater Impaired Watershed |








DATA SOURCES:
Hydrologically Connected Roads - ANR, 2016
Paved, Gravel & Class 4 Roads - VTrans
MS4 area - ANR
Priority Surface Waters - 2014 List of Priority Surface Waters; ANR
E911 Road Data-March 2017

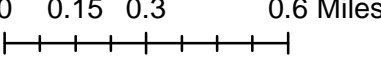
0 0.15 0.3 0.6 Miles




Figure 4.1
Vulnerable Populations
St. George, Vermont
2017 All-Hazards Mitigation Plan




Social Vulnerability Index	 2	**Westford, Underhill, and Bolton are contained within one census tract. St. George and Hinesburg share the same census tract boundary. Huntington and Buels Gore also consist of one tract. All the other municipalities are broken down by one or more tracts. More urban communities have many more tracts as the optimal population for tract is 4,000 people. The minimum population threshold is 1,200 and the maximum is 8,000.	DATA SOURCES: Social Vulnerability Index, VDH, 2015 Census Tracts, US Census
Score by Census Tract	 3		
 0	 4 - 5		
 1	 6 - 10		
 Census Tract Boundary**			



0 0.15 0.3 0.6 Miles



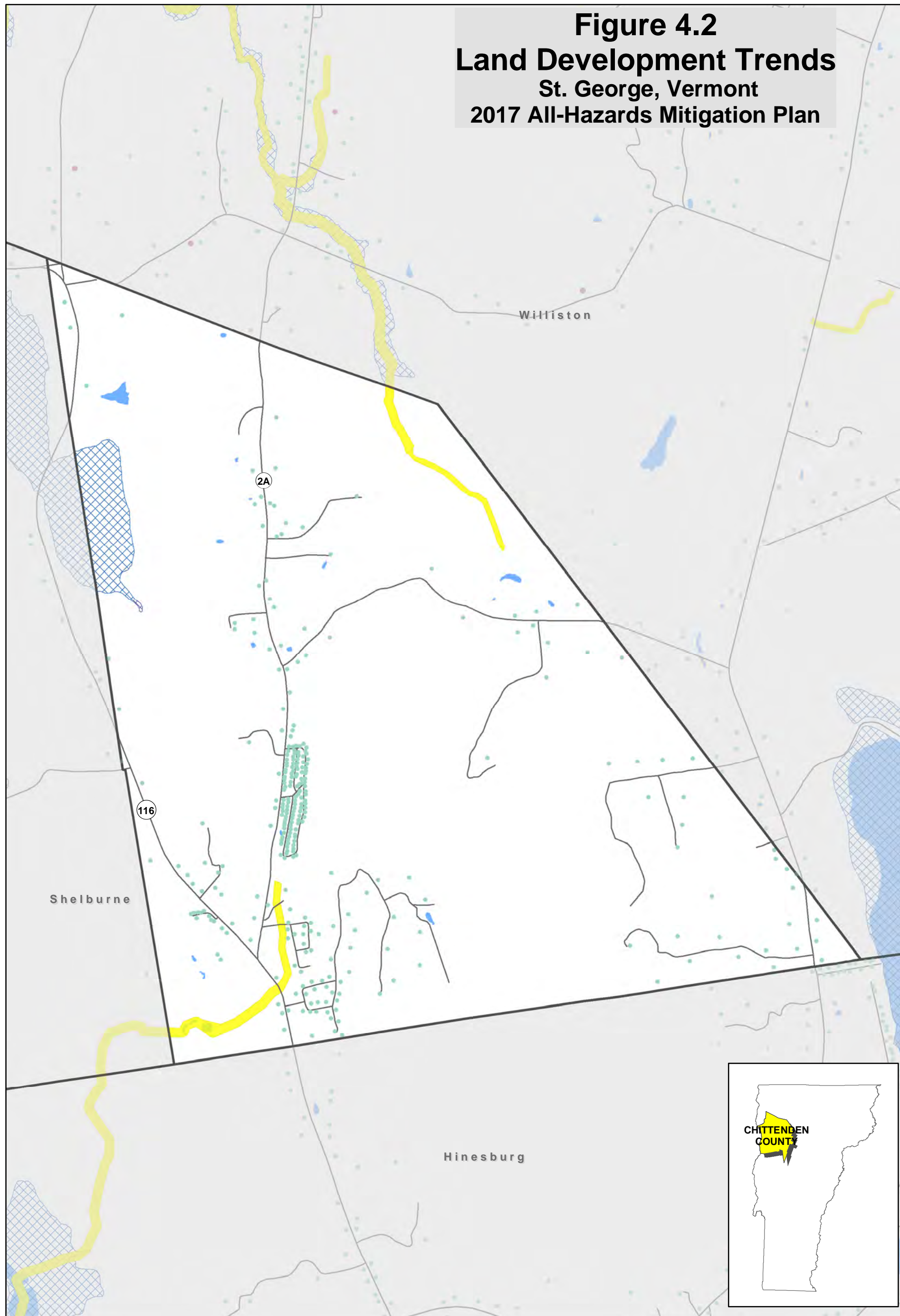
N



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Figure 4.2
Land Development Trends
St. George, Vermont
2017 All-Hazards Mitigation Plan



Year Built for Residential and Non-residential Development

- Built 2010 or earlier
- Built 2011-2014
- ▨ Special Flood Hazard Area (100 Year Floodplain)
- River Corridor Protection Area (FEH)

Note: This map does not reflect all development within the town and is only as good as the development activity reports CCRPC receives. See Figure 1.2 Housing and Employment for a comprehensive map of residential and commercial structures.

DATA SOURCES:
Housing Units - CCRPC, 2014
CI Data-CCRPC, 2014
Special Flood Hazard Area - developed in 2011 by FEMA
River Corridor equals a rivers meander belt plus buffer extension.
See Floodready.vermont.gov for more detail

0 0.15 0.3 0.6 Miles

