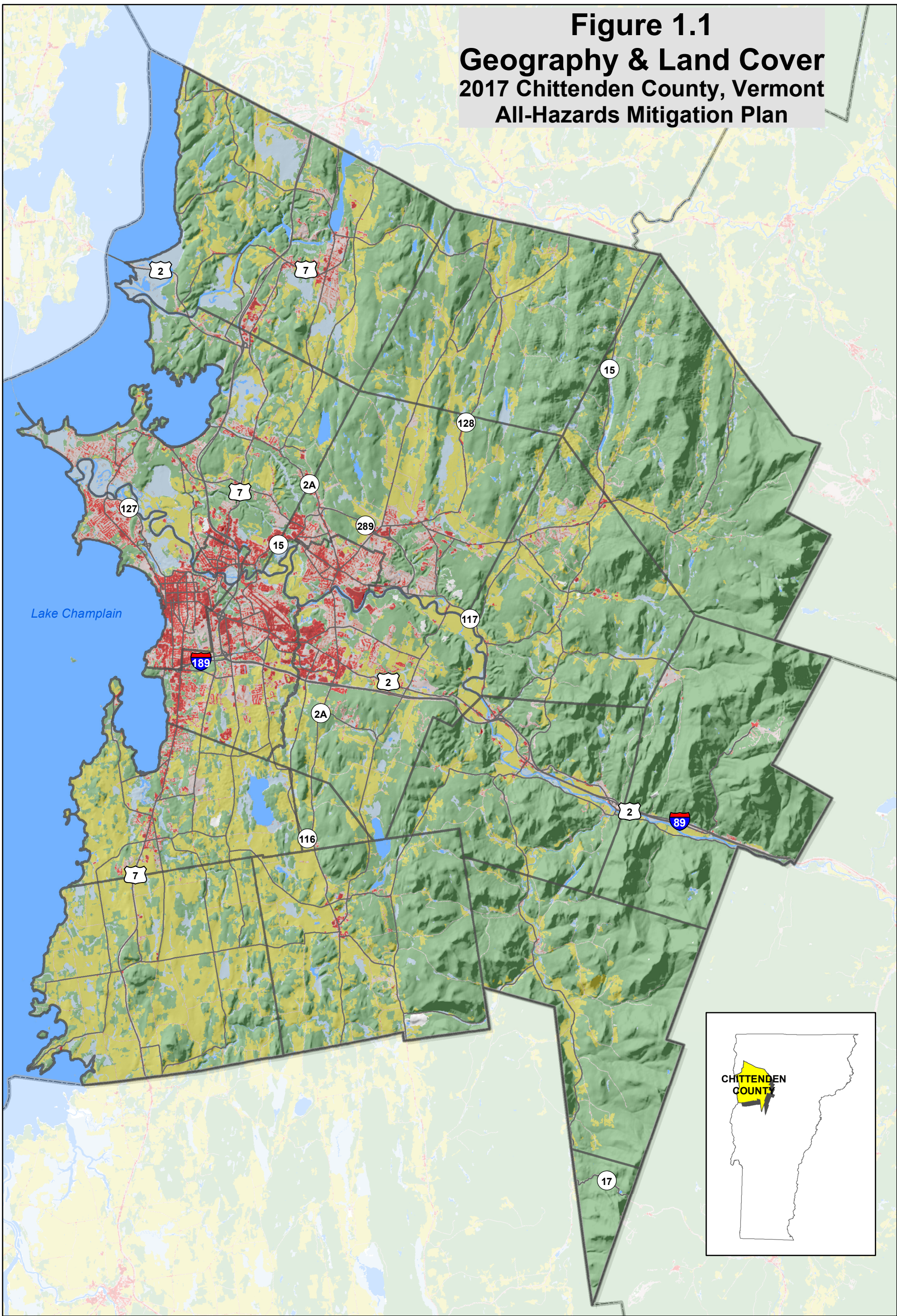


Figure 1.1
Geography & Land Cover
2017 Chittenden County, Vermont
All-Hazards Mitigation Plan



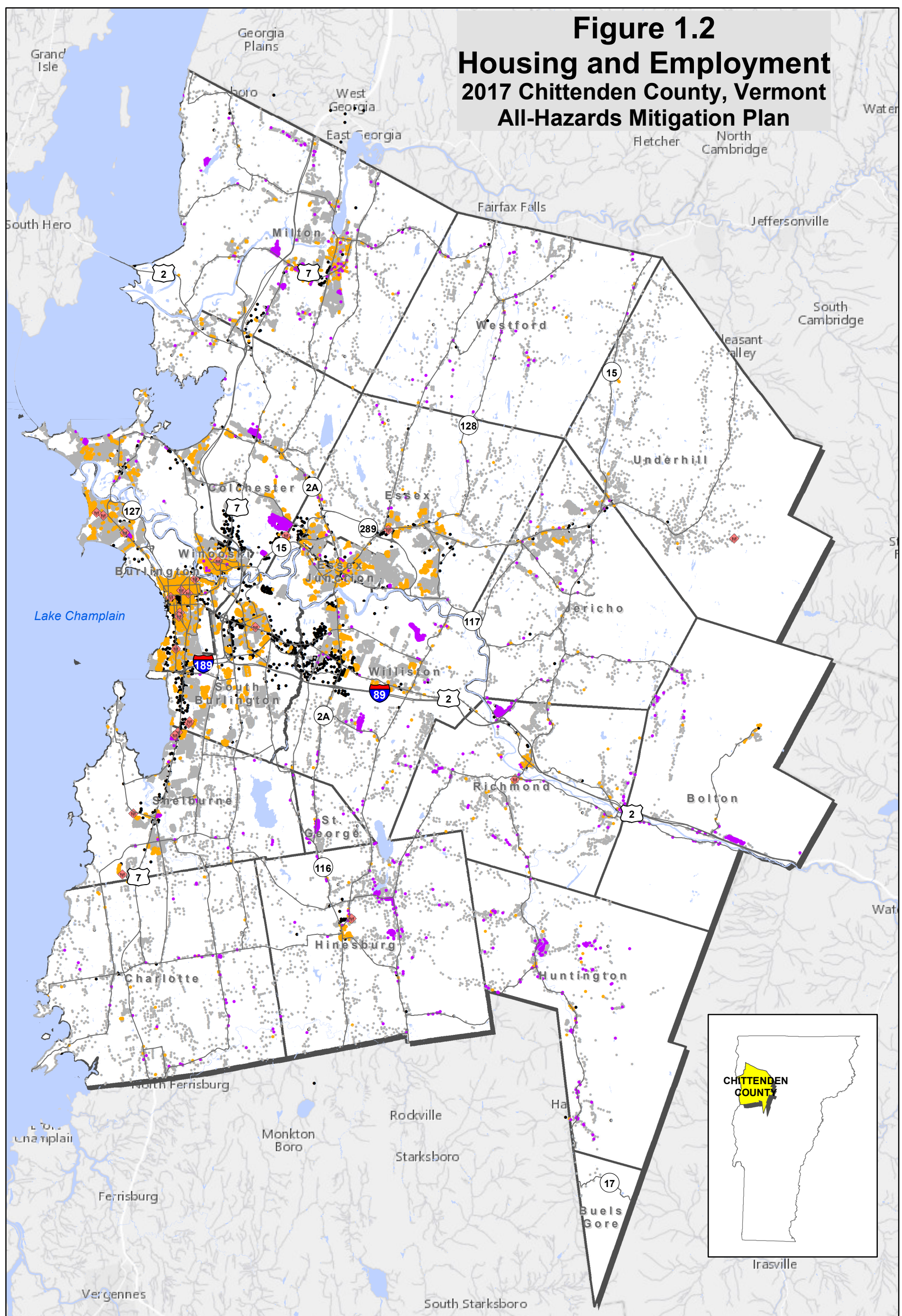
Land Cover

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

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



Figure 1.2
Housing and Employment
2017 Chittenden County, Vermont
All-Hazards Mitigation Plan



Housing

- Mobile Home
- Multi-family
- Single Family

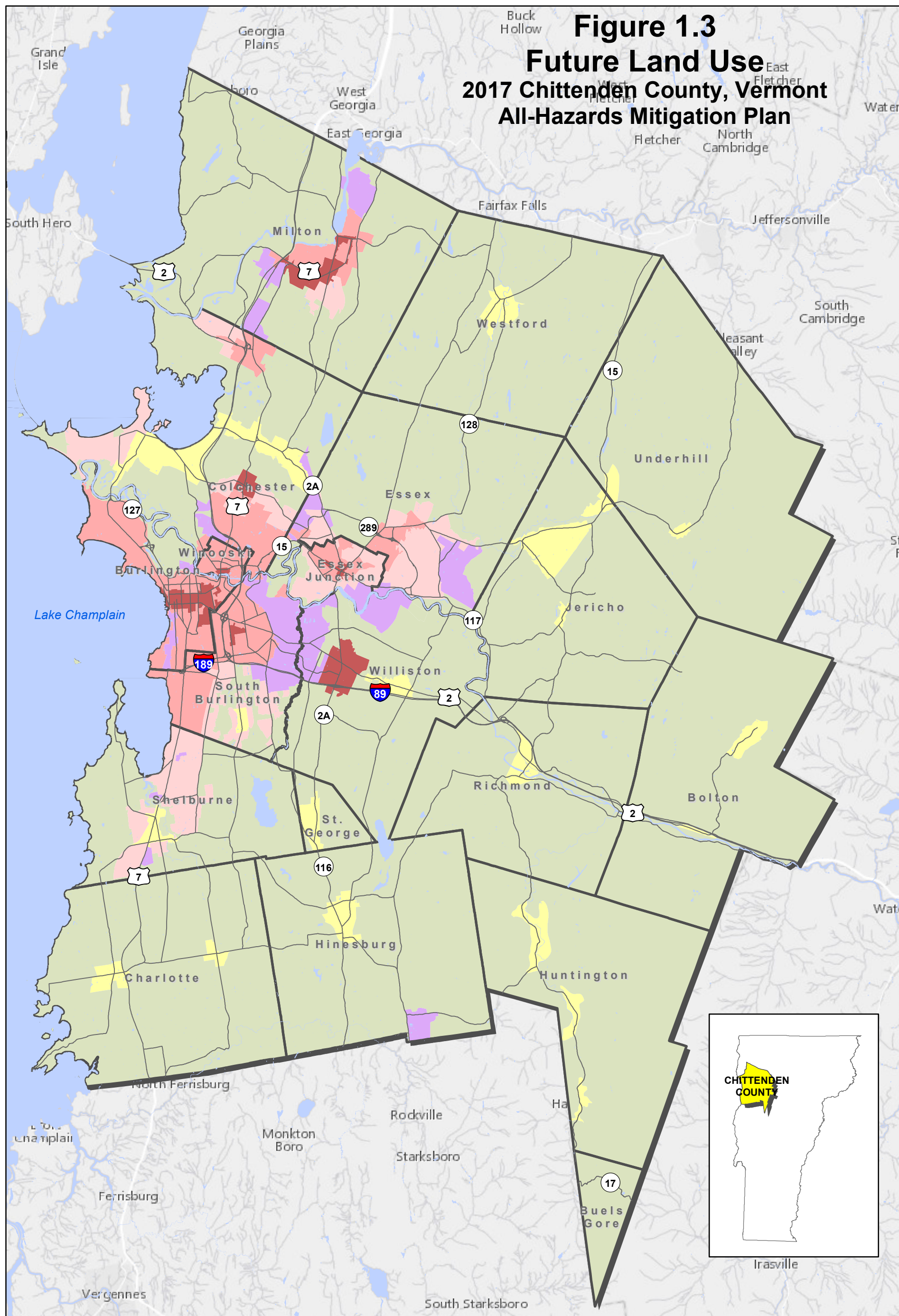


- Congregate Housing*
- Employment Locations

*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, 2015
Employment Locations - CCRPC, 2013
Congregate Housing-VT Dept. Aging, Independent Living, 2015

Figure 1.3
Future Land Use
2017 Chittenden County, Vermont
All-Hazards Mitigation Plan



**Chittenden County ECOS Plan
Regional Planning Areas**

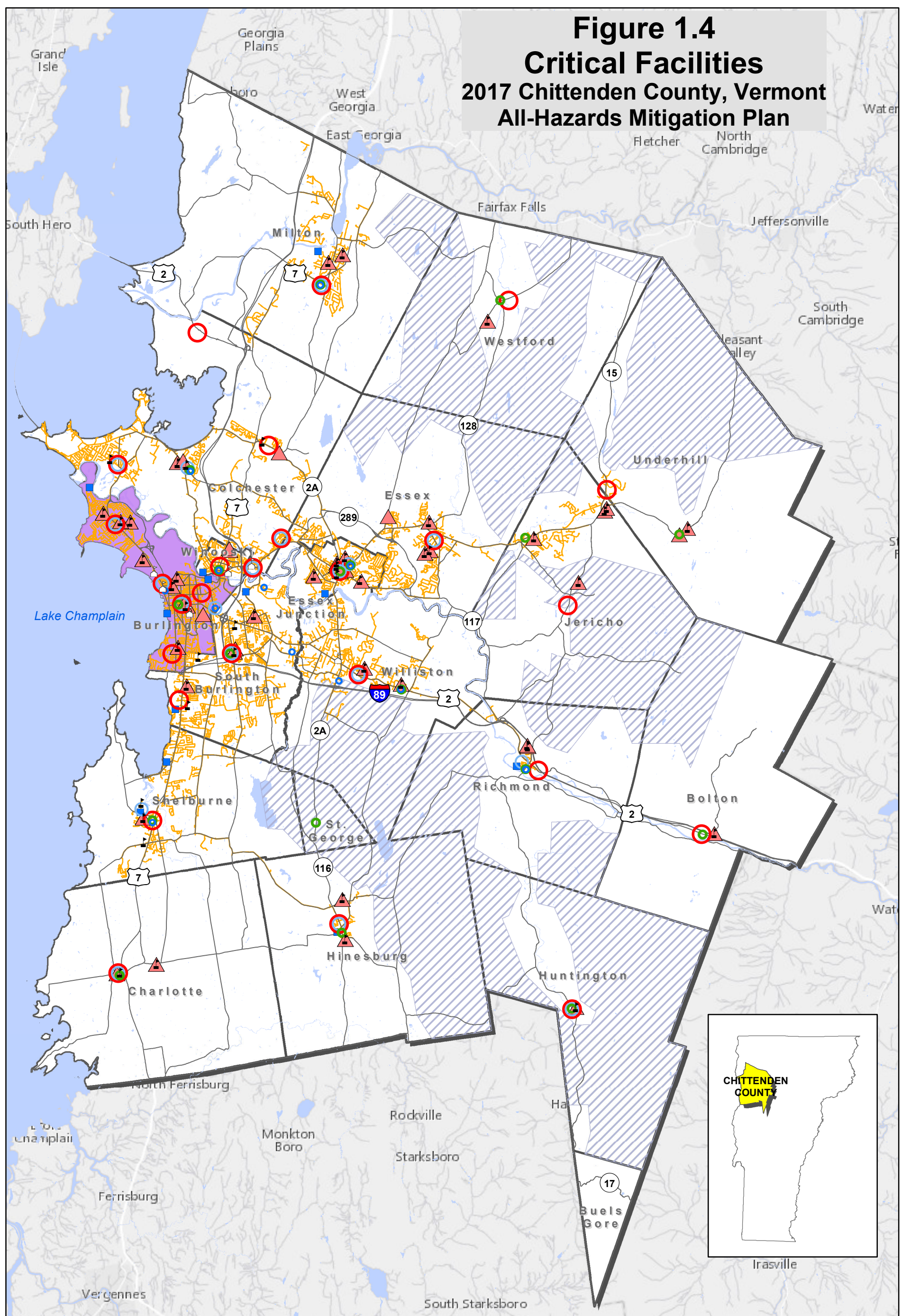
- | | |
|------------|----------|
| Center | Rural |
| Enterprise | Suburban |
| Metro | Village |

DATA SOURCES:
Planning Areas-CCRPC, 2013

0 2.5 5 10 Miles



Figure 1.4
Critical Facilities
2017 Chittenden County, Vermont
All-Hazards Mitigation Plan



- | | |
|----------------------|---|
| School | EMS |
| College / University | Fire |
| Law Enforcement | Emergency Shelter |
| Municipal Office | Water and Wastewater Treatment Facility |
| | Vermont Gas Service Area |

- Electric Utility**
- | | |
|--|---------------------------|
| | Burlington Electric Dept. |
| | Green Mountain Power |
| | Vermont Electric Co-op |

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

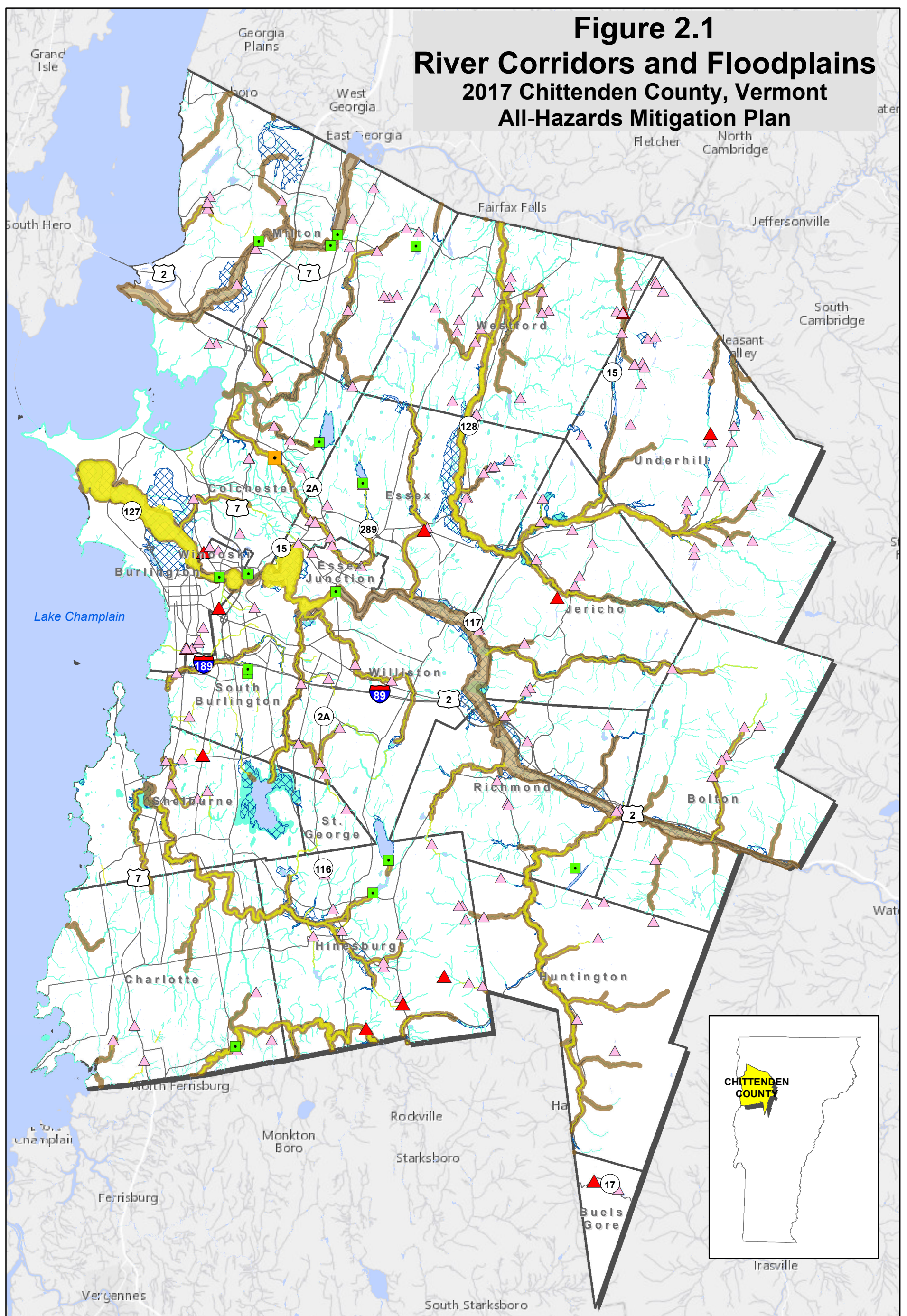
0 2.5 5 10 Miles

Document Path: D:\Projects\16\AHMP\Final_County\CriticalFacilities_20160922.mxd

River Corridors and Floodplains

2017 Chittenden County, Vermont

All-Hazards Mitigation Plan



National Inventory of Dams

-  In Service
- Breached

Geomorphically Incompatible Culvert

- Mostly Incompatible*
 Fully Incompatible**

*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.

River Corridor Protection Area

ANR River Corridor - January 2015

FEMA DFIRM

-  Special Flood Hazard Area (100 Year Floodplain)

Approximate Municipal Water Protection Buffers

[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 2.5 5 10 Miles

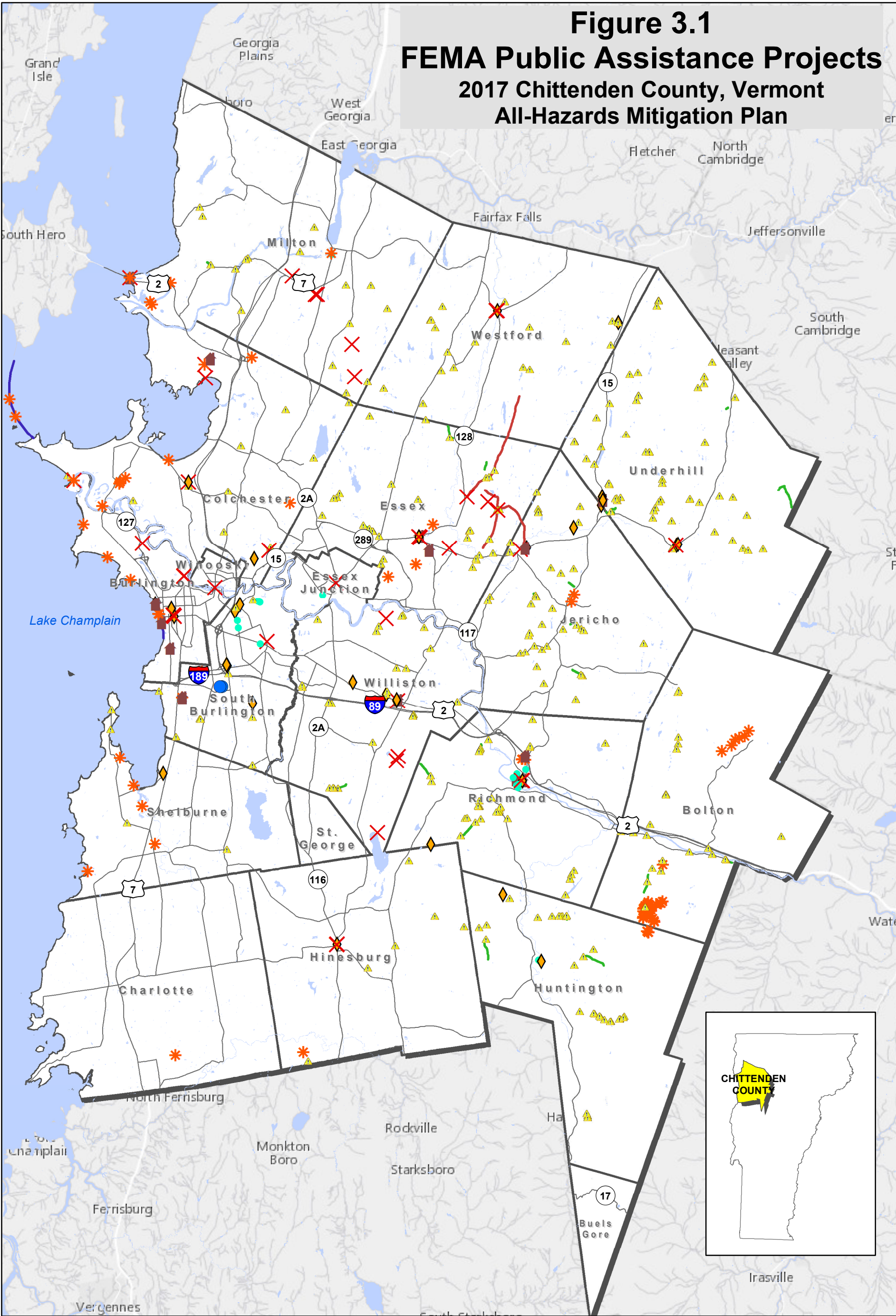
Document Path: D:\Projects\16\AHMP\Final County\RiverCorridor 20160922.mxd

Figure 3.1

FEMA Public Assistance Projects

2017 Chittenden County, Vermont

All-Hazards Mitigation Plan



Public Assistance Category

- Debris Removal*
- Debris Removal*
- Roads & Bridges
- Roads & Bridges
- Recreational or Other
- Recreational or Other

- Water Control Facilities (Stormwater Management)
- Protective Measures*
- Public Buildings
- Public Utilities

DATA SOURCES:
Public Assistance Project Locations-FEMA, 2015

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.

02.5510 Miles

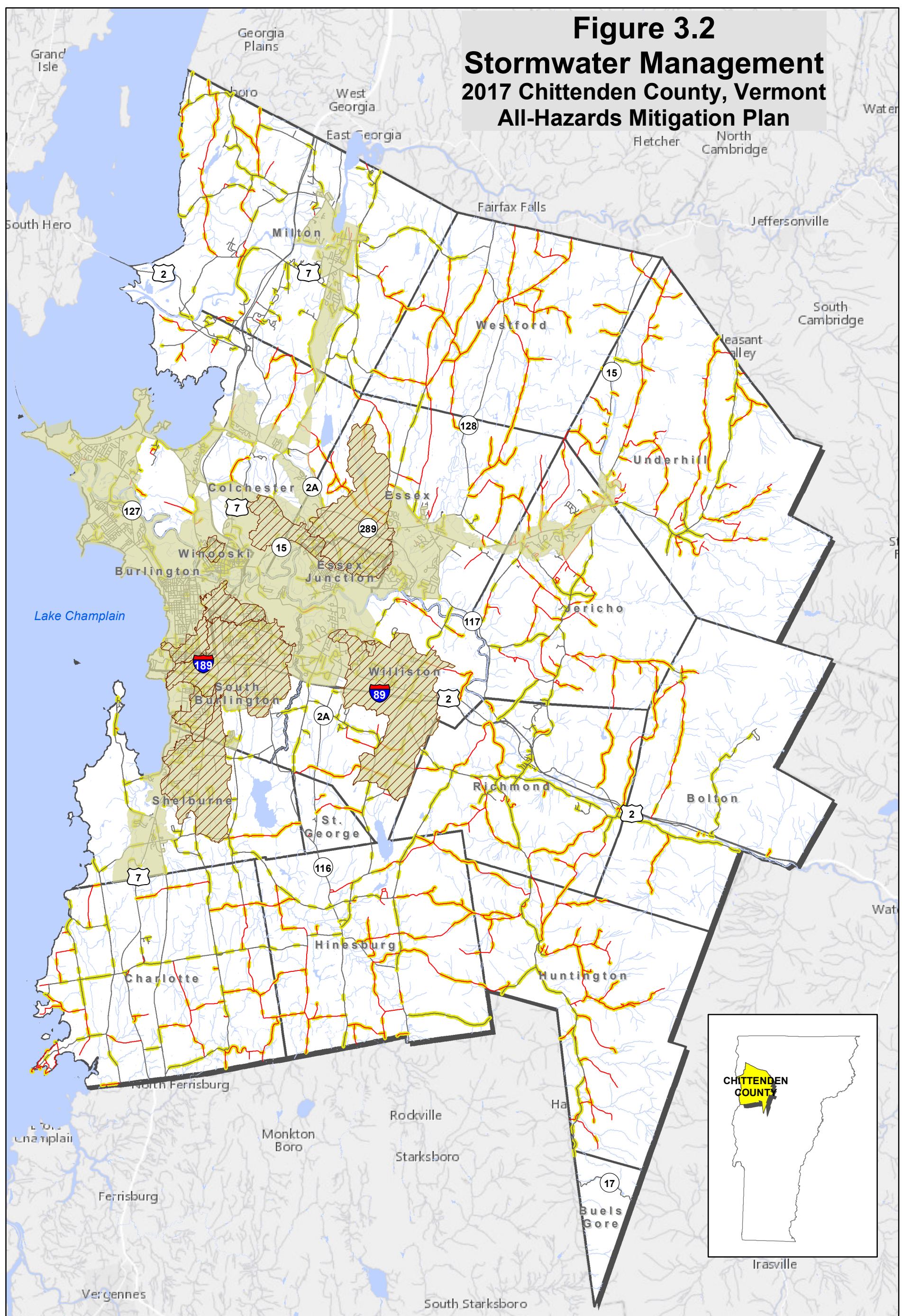
50

CHITTENDEN COUNTY RPC

Communities Planning Together

Document Path: D:\Projects\16\AHMP\Final_County\Public Assistance\Projects\No ANR_20160926.mxd

Figure 3.2
Stormwater Management
2017 Chittenden County, Vermont
All-Hazards Mitigation Plan



- Paved Road
- Gravel or Class 4 Road
- Hydrologically Connected Road Segment
- Stormwater Impaired Watershed
- Municipal Separate Storm Sewer System General Permit

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

0 2.5 5 10 Miles

Document Path: D:\Projects\16\AHMP\Final_County\Stormwater_20160923.mxd

Figure 4.2

Land Development Trends

2017 Chittenden County, Vermont

All-Hazards Mitigation Plan

