

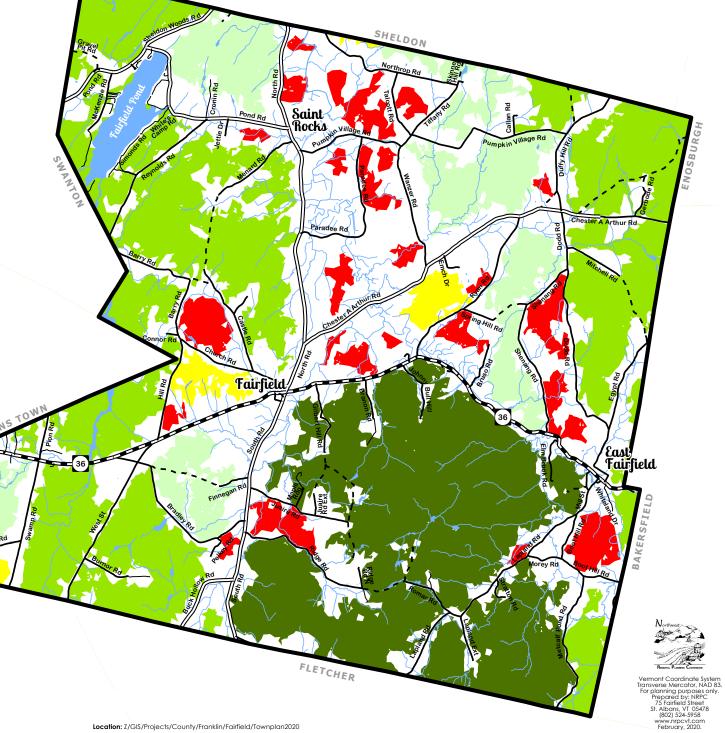
HABITAT BLOCKS



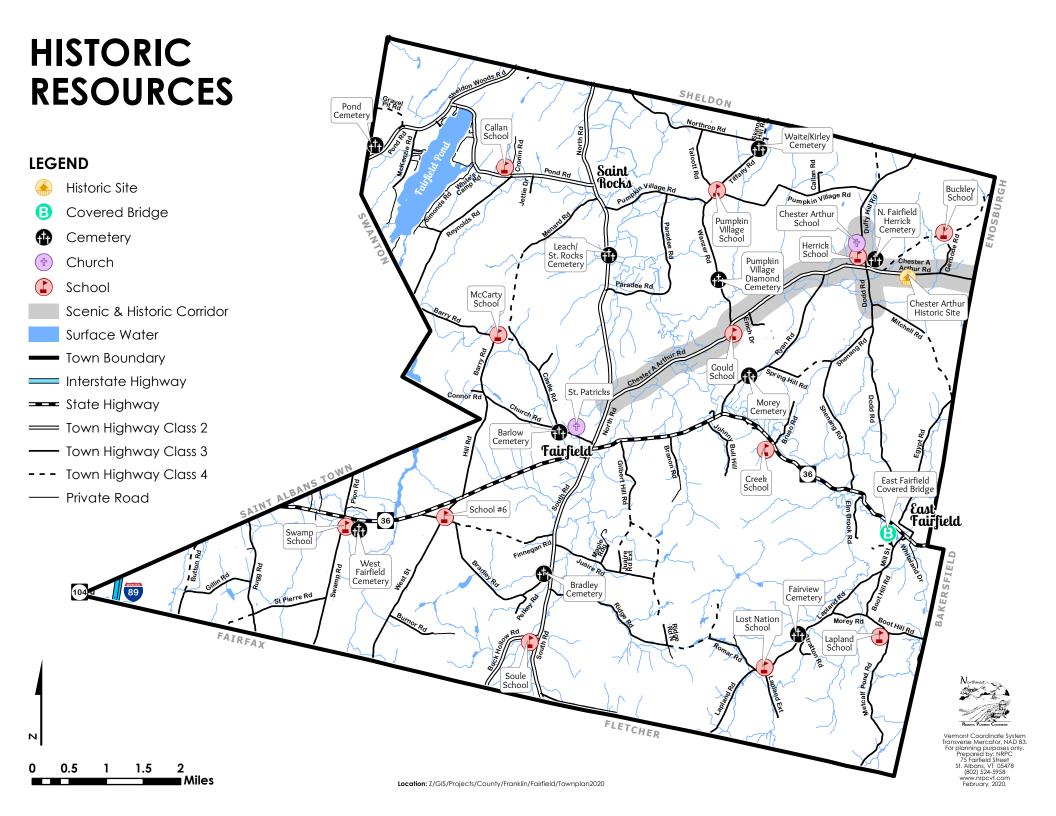
Town Highway Class 3

Town Highway Class 4

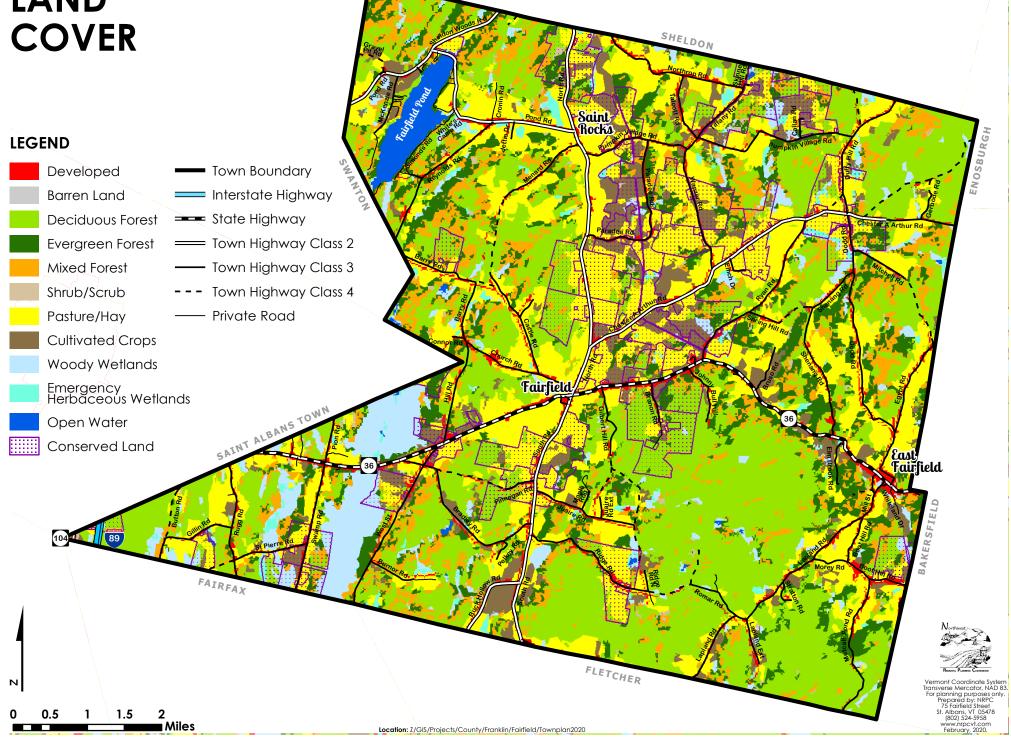
Private Road

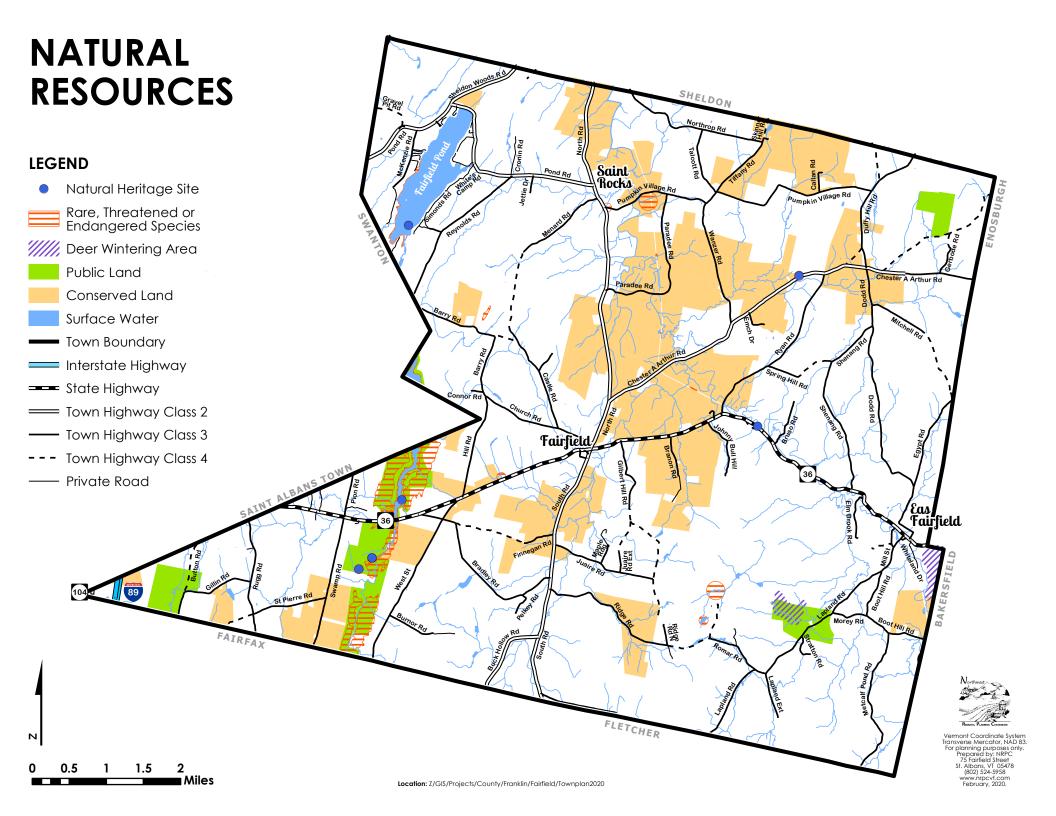


Location: Z/GIS/Projects/County/Franklin/Fairfield/Townplan2020



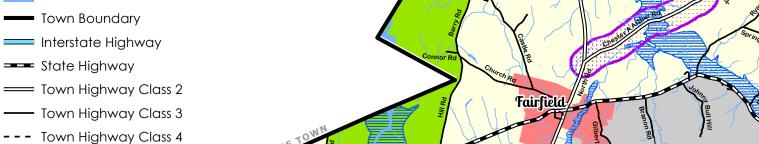
LAND

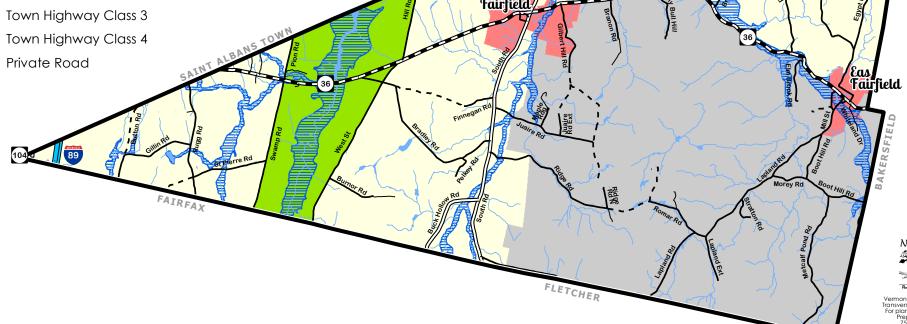




PROPOSED LAND USE LEGEND Village District Agricultural/Rural Residential District Fairfield Pond & Swamp District **Uplands District** Chester A. Arthur Historic Overlay District Flood Hazard Area Overlay Surface Water Town Boundary Interstate Highway **State Highway** = Town Highway Class 2

1.5

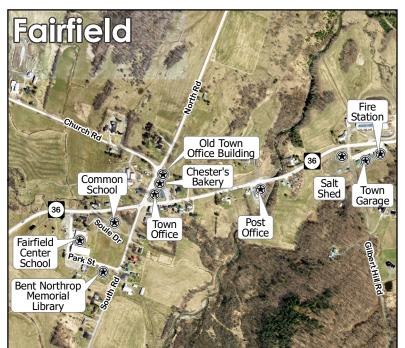




Location: Z/GIS/Projects/County/Franklin/Fairfield/Townplan2020

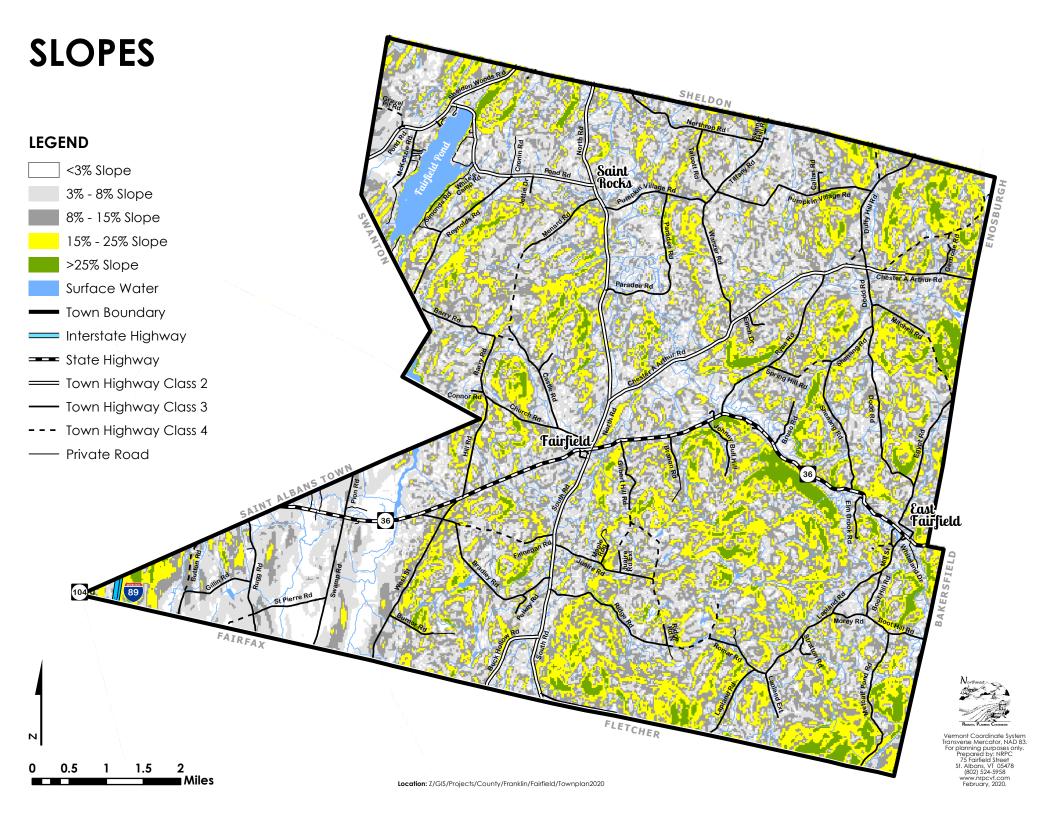
Vermont Coordinate System Transverse Mercator, NAD 83. For planning purposes only. Prepared by: NRPC 75 Fairfield Street St. Albans, VT 0.0478 (802) 524-5958 www.nrpcvt.com February, 2020.

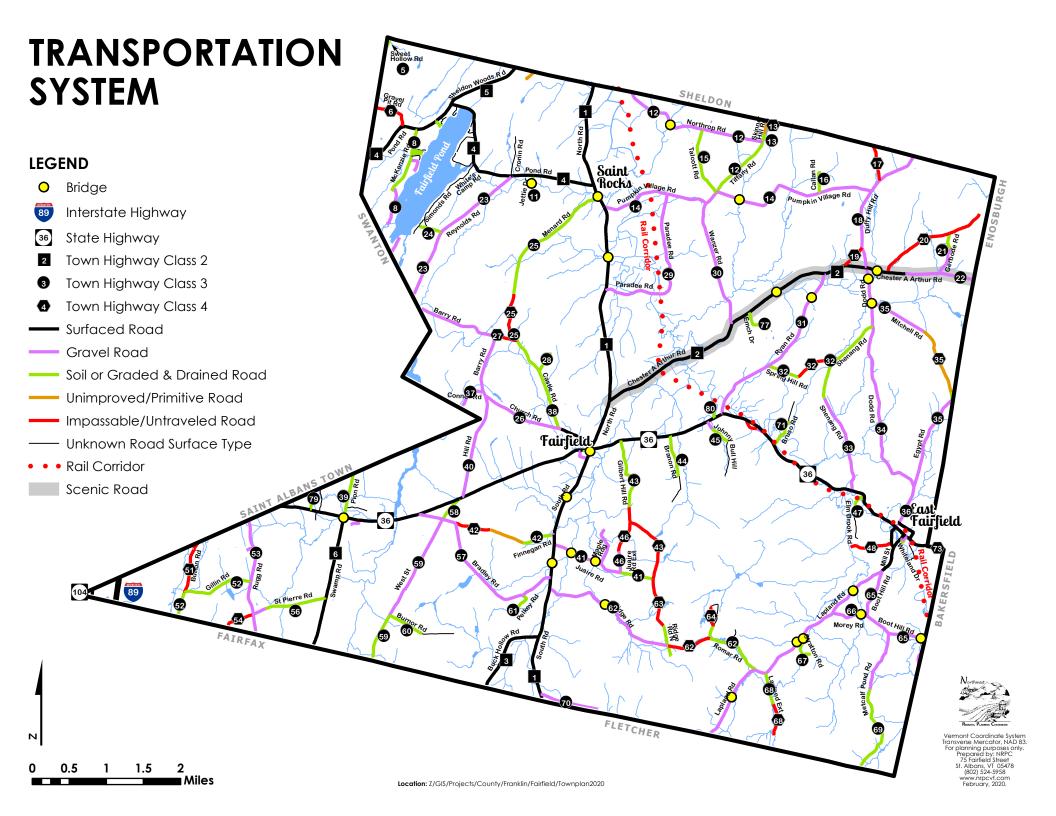
PUBLIC FACILITIES

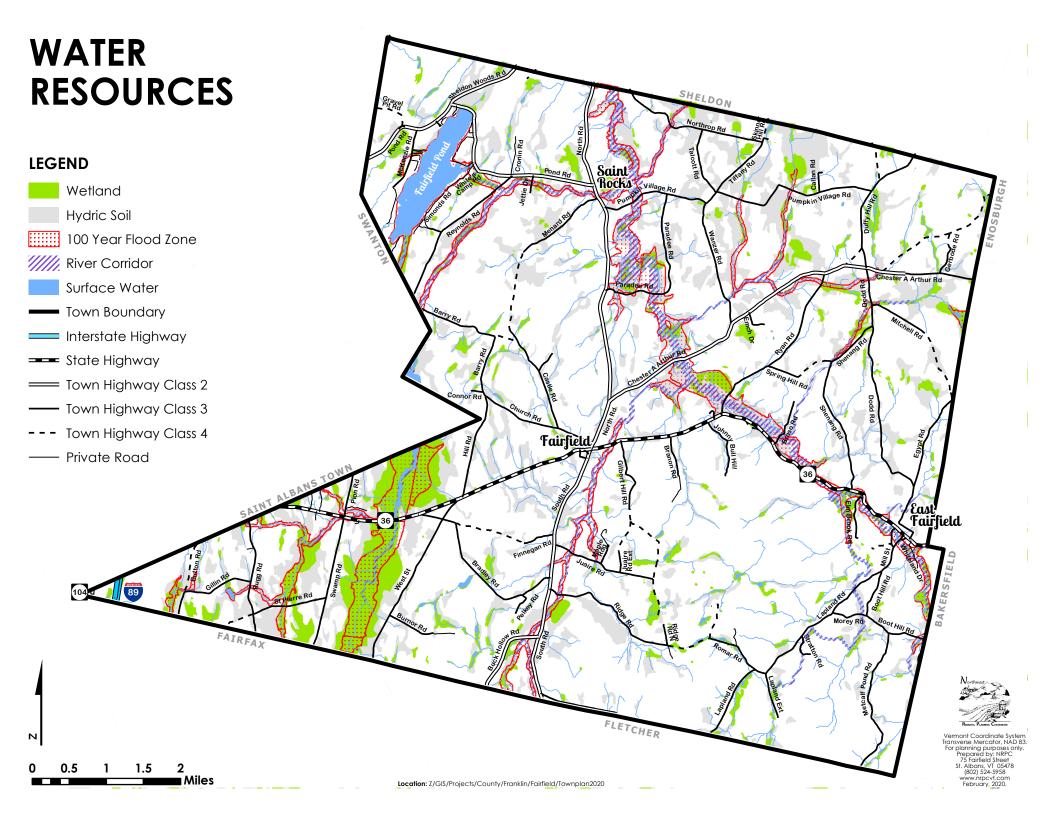


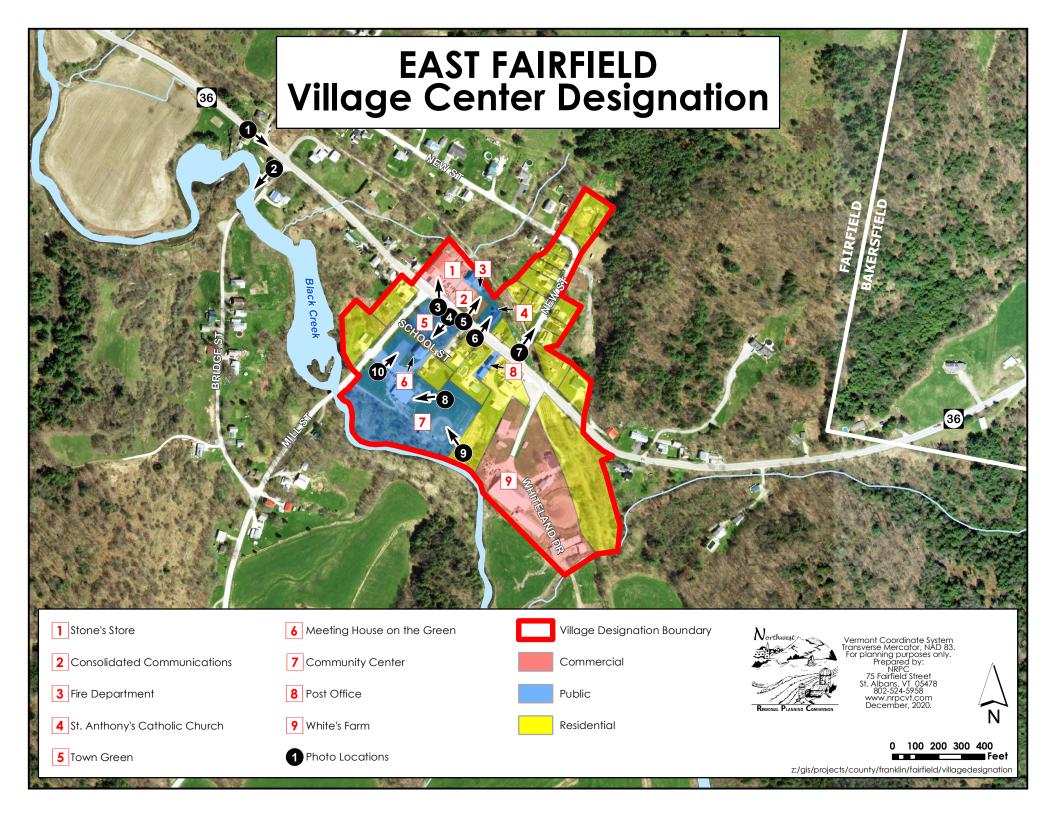


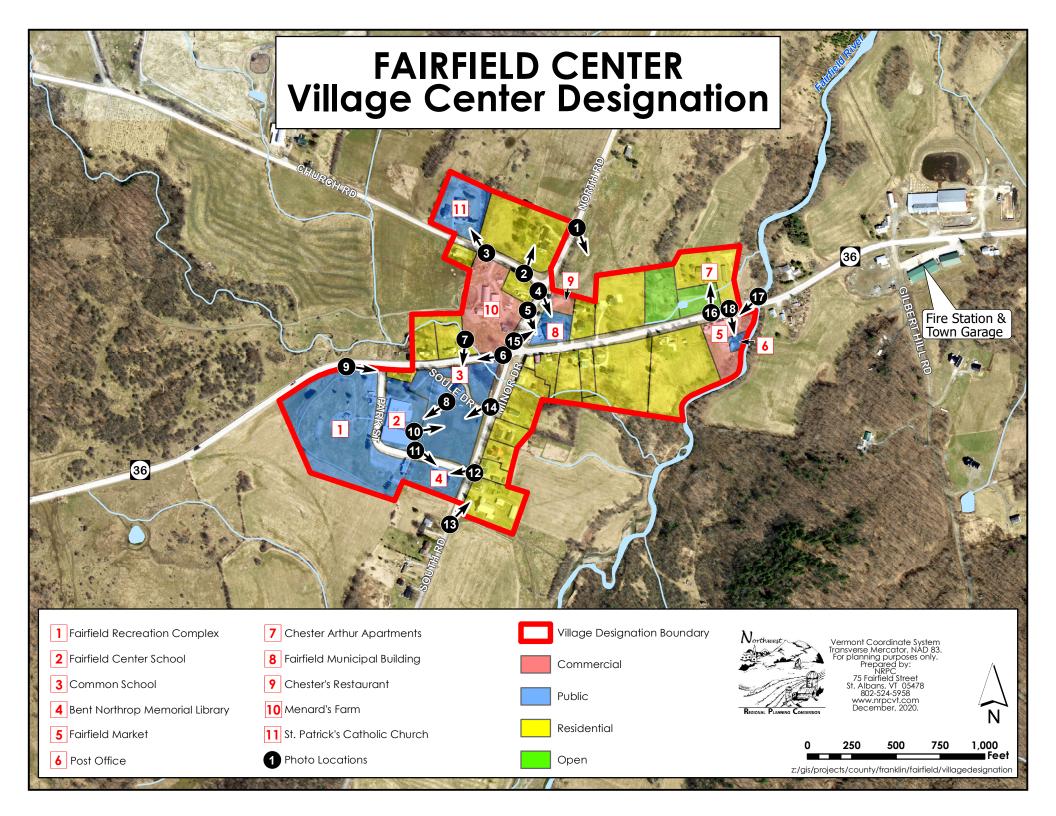
SEPTIC SOILS **LEGEND** Saint Rocks village, Well Suited Soils Moderately Suited Soils Marginally Suited Soils Unsuited or Unrated Soils Surface Water Town Boundary Interstate Highway **State Highway** = Town Highway Class 2 Town Highway Class 3 Town Highway Class 4 Fairfield Private Road East Fairfield Vermont Coordinate System Transverse Mercator, NAD 83. For planning purposes only. Prepared by: NRPC 75 Fairfield Street St. Albans, VT 05478 (802) 524-5958 www.nrpcvt.com February, 2020. 1.5 Location: Z/GIS/Projects/County/Franklin/Fairfield/Townplan2020











Utility Service Areas

Fairfield, Vermont **Act 174 The Energy Development** Improvement Act of 2016

This map and the corresponding data is intended to be used to inform energy planning efforts by municipalities and regions. This may also be used for conceptual planning or initial site identification by those interested in developing renewable energy infrastructure. The maps do NOT take the place of site-specific investigation for a proposed facility and cannot be used of as "siting maps."



Legend

Utility Service Area Features





Substation

Map C.1

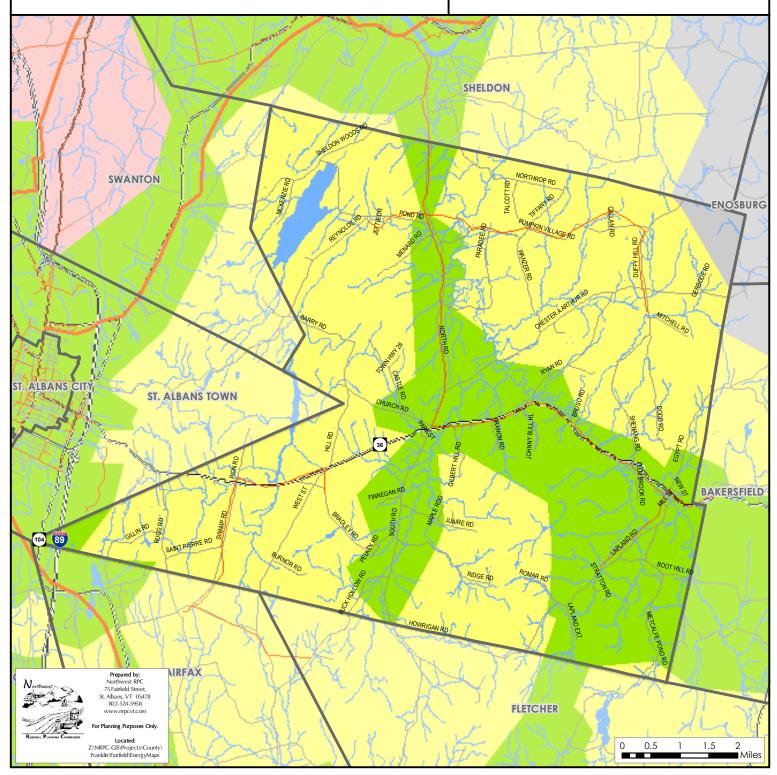
Swanton Village Electric

3 Phase Power Line

Transmission Line

Enosburg Falls Electric

Vermont Electric Co-op

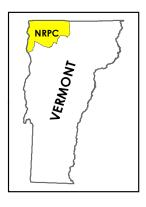


Transmission & 3 Phase **Power Infrastructure**

Fairfield, Vermont **Act 174** The Energy Development Improvement Act of 2016

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Legend

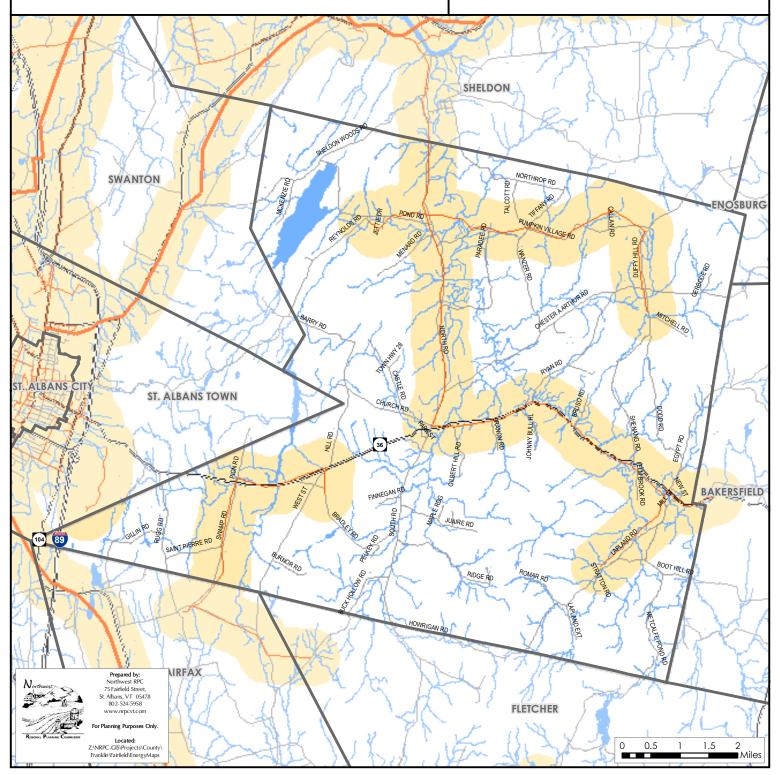
Substation

3 Phase Power Line

Transmission Line

1/2 Mile Buffer (3 Phase Power Line & Transmission Line)

Map C.2



Existing Generation Facilities

Fairfield, Vermont **Act 174** The Energy Development Improvement Act of 2016

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Legend

Biomass Facility

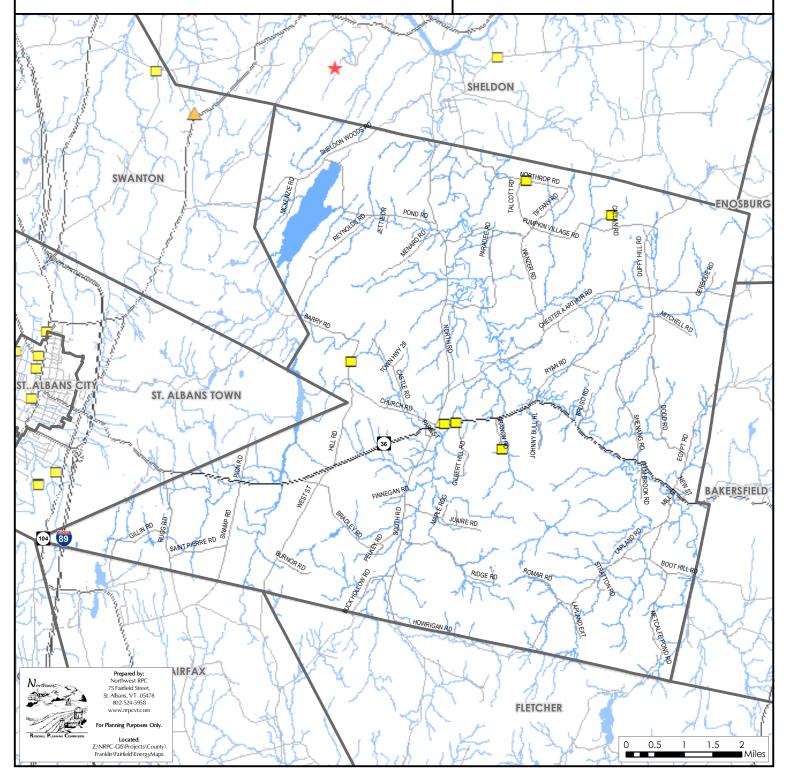
Hydro Facility

Note: Only generators 15kW are shown on the map. A full list of all generators is available.

Map C.3

Solar Facility

Wind Facility



Solar

Fairfield, Vermont **Act 174 The Energy Development** Improvement Act of 2016

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Legend

Substation

3 Phase Power Line

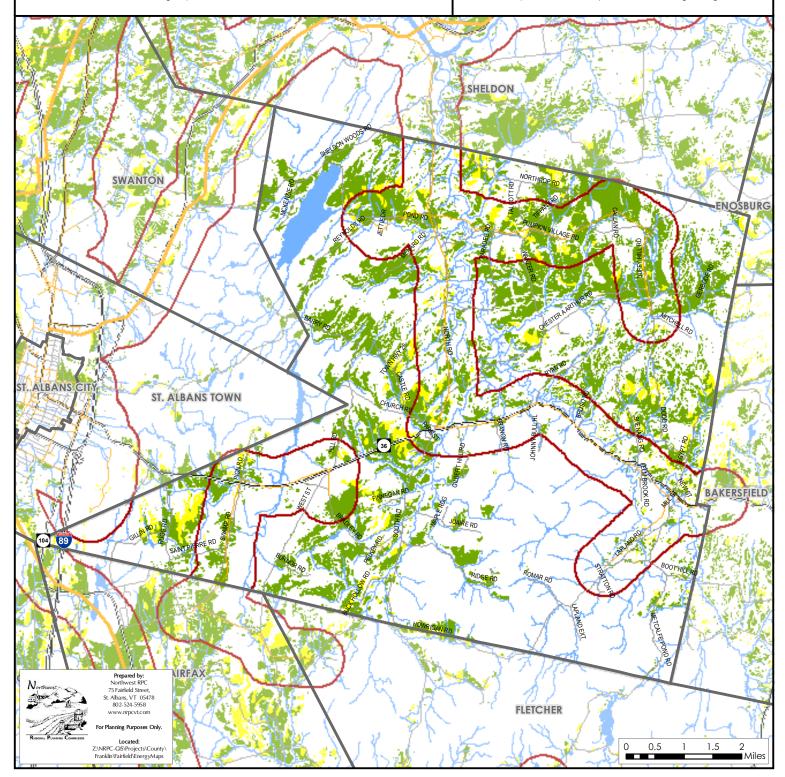
Transmission Line

1/2 Mile Buffer (3 Phase Power Line & Transmission Line)

Map C.4

Prime Solar/No Known Constraints

Base Solar/Possible Constraints

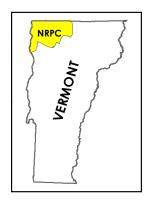


Wind

Fairfield, Vermont **Act 174** The Energy Development Improvement Act of 2016

This map and the corresponding data is intended to be used to inform energy planning efforts by municipalities and regions. This may efforts by frioricipalines and regions. This may also be used for conceptual planning or initial site identification by those interested in developing renewable energy infrastructure. The maps do NOT take the place of site-specific investigation for a proposed facility and cannot be used of as "siting maps."





Legend

Substation

3 Phase Power Line Transmission Line

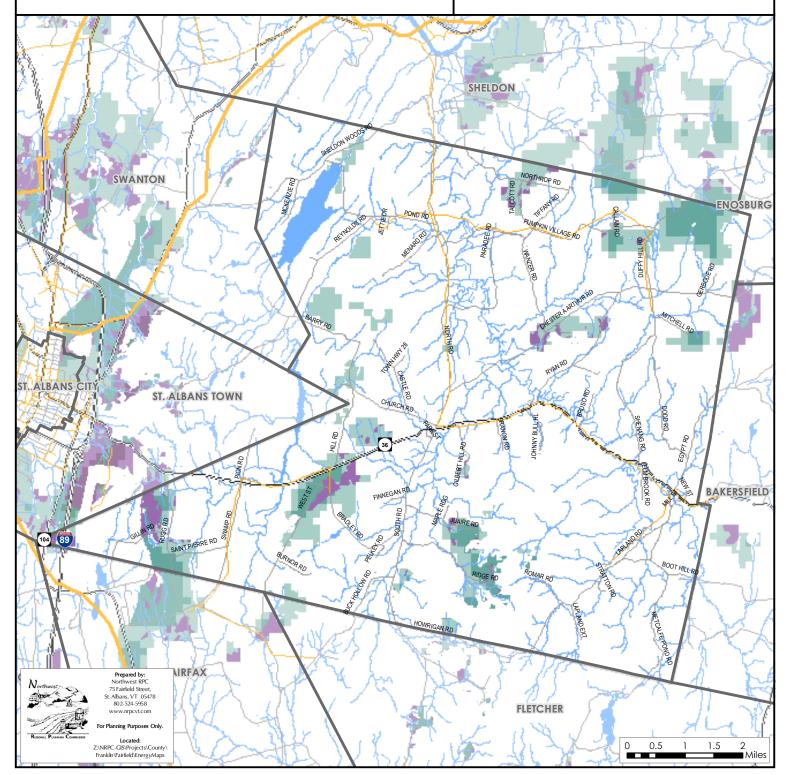
Prime Wind

Areas of high wind potential and no known constraints. Darker areas have higher wind speeds.



Areas of high wind potential and a presence of possible constraints. Darker areas have higher wind speeds.

Map C.5



Hydro

Fairfield, Vermont **Act 174** The Energy Development **Improvement Act of 2016**

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Legend

Substation



Transmission Line

Designated Outstanding Resource Water

Known Constraint - Designated National Wild & Scenic River

Possible Constraint -Stressed or Impaired Water

Possible Constraint - RINAs

Potential Hydroelectric Facility

< 50 kW Capacity



High Hazard with < 50 kW Capacity

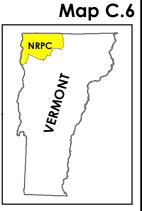
High Hazard with > 50 kW Capacity

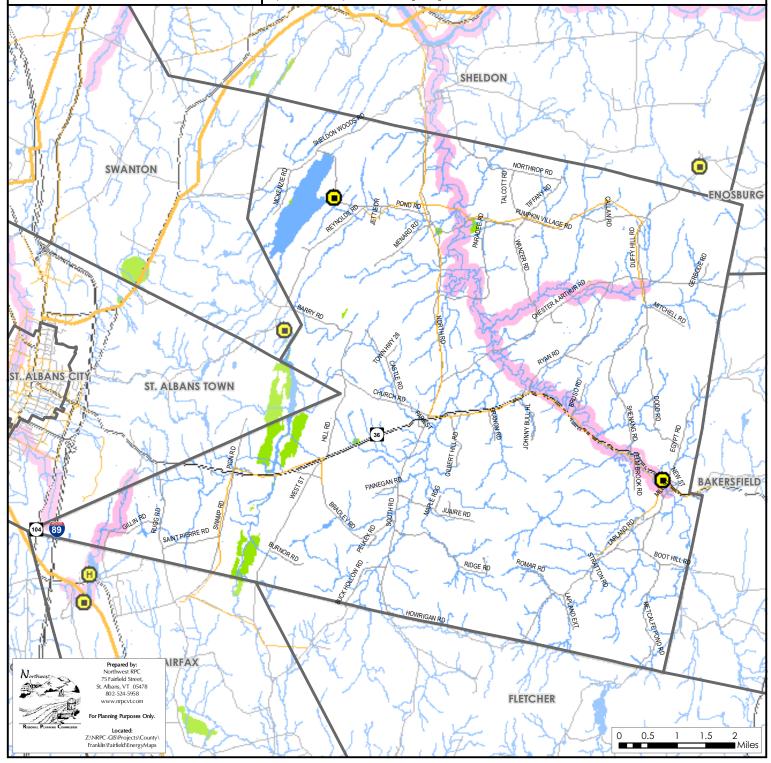
Operating Hydroelectric Facility



Dam not on National Wild and Scenic River

Dam on National Wild and Scenic River



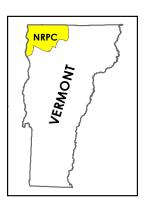


Woody Biomass

Fairfield, Vermont **Act 174 The Energy Development** Improvement Act of 2016

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Legend

Biomass System



Cow Power



Substation



3 Phase Power Line Transmission Line



Prime Woody Biomass/No Known Constraints

Map C.7



Base Woody Biomass/Possible Constraints

