**Somers**

The rural town of Somers is located in the northeast corner of the Capitol Region, along the Massachusetts border. The Town has a population of about 10,800, and covers a land area of 28.3 square miles. Elevation ranges from about 250 feet on the western side of town to over 900 feet in the hills on the eastern side. Somers lies in the Scantic River Watershed. Its major watercourses include the Scantic River and Abbey, Gillette, Gulf, Shady, Thrasher, Watchaug and Wrights Brooks, as well as Woods Stream. The main transportation routes through town are north-south state routes 83 and 186, and east-west route 190. Somers hosts the State of Connecticut Osborn and Northern Correctional Facilities. Principal industries are agriculture and diversified industry.

**Goals, Objectives and Strategies**

*Goal: Reduce the loss of life and property and economic consequences as a result of natural disasters*

**Objective 1:**
Reduce the likelihood of flooding.

**Strategies:**

1. **Implement the recommendations of the Somers Floodplain Management Study.**
   - **Lead:** Floodplain Manager, Planning, Engineering, Public Works, Administration
   - **Priority:** Medium

2. **Continue to use the Floodplain Management Study as a resource in determining the potential impacts of proposed development.**
   - **Lead:** Floodplain Manager, Planning & Zoning, Engineering
   - **Priority:** Medium

3. **Work with the YWCA and DEP to improve the Camp Road dam, regardless of ownership.**
   - **Lead:** Public Works, Administration
   - **Priority:** Medium

4. **Improve artificial drainage system through continued lining of older culverts to increase flow capacity.**
   - **Lead:** Public Works, Administration
   - **Priority:** Medium

5. **Investigate participation in FEMA’s Community Rating System program.**
   - **Lead:** Emergency Management, Planning, Administration
   - **Priority:** Medium

**Objective 2:**
Reduce the likelihood of damage from wind and severe storms.
Strategies:
2.1 Continue preventive tree maintenance.
   Lead: Public Works, Tree Warden
   Priority: Medium

2.2 Encourage new developments housing special needs populations to include generators for sheltering on site.
   Lead: Planning, Building
   Priority: Medium

2.3 Increase sheltering capacity and educate residents on emergency sheltering.
   Lead: Emergency Management
   Priority: Medium

Objective 3:
Reduce the likelihood of damage from forest fires.

Strategies:
3.1 Implement regulations requiring installation of dry hydrants and cisterns in new developments.
   Lead: Planning, Fire
   Priority: Medium
Map 44: Somers Critical Facilities and Population Density

Persons per Square Mile by Census Block

- Hazardous Materials
- Hospitals & Medical Facilities
- Emergency Management Centers
- Fire Stations
- Police Stations
- Rivers and Streams
- Freeways
- Major Arterials
- Minor Arterials
- Waterbodies
  - Less than 800
  - 801 - 1600
  - 1601 - 3200
  - More than 3200

Data Sources: Connecticut Department of Environmental Protection, Flood Zones, Dams, Repetitive Loss Data, Town Boundaries, Hydrography and Streams; Connecticut Department of Transportation
Projection: Connecticut State Plane 1983 feet
For Planning and Analysis Use Only
Prepared: Spring 2007
Map 45: Somers Repetitive Flood Loss Claims, Dams, Flood Zones and Open Space

Data Sources: Connecticut Department of Environmental Protection, Flood Zones, Dams, Repetitive Loss Data, Town Boundaries, Hydrography and Streams; Connecticut Department of Transportation
Projection: Connecticut State Plane 1983 feet
For Planning and Analysis Use Only
Prepared: Spring 2007

Legend:
- Dams w/ At Least Moderate Risk
- Freeways
- Major Arterials
- Minor Arterials
- Rivers and Streams
- 2 - 4 Repetitive Loss Claims
- 5 - 9 Repetitive Loss Claims
- 10 - 17 Repetitive Loss Claims
- 18 - 44 Repetitive Loss Claims
- 100 Year Flood Zone
- 500 Year Flood Zone
- Waterbodies
- Private Ownership Open Space
- Municipal OS & Rec Property

Scale: 0.1 Mile

Mile

Enfield
Somers
Ellington
Stafford
South Windsor

South Windsor is a suburban community northeast of Hartford. It encompasses roughly 28 square miles, with a population of about 26,000. The varied topography of South Windsor contributes to three watersheds; primarily to the main stem of the Connecticut River Watershed, but also to the Scantic River in the north and the Hockanum River to the east. The Connecticut River flows along the western boundary. Other major watercourses include the Podunk and Scantic Rivers and Averys, Bancroft, Dry, Newberry and Waples Brooks. Interstate 291 travels through the southwestern corner of South Windsor; other major transportation routes include state routes 5, 30, 74 and 194. Principal industries include commercial and institution food distributors, fuel cell power plants, machine and equipment design and manufacture among others. South Windsor also has significant retail development located in the southeast corner of town, around the Buckland Hills regional mall, and at the Shops at Evergreen Walk.

Goals, Objectives and Strategies

Goal: Minimize loss of life and property and economic disruption resulting from natural disasters

Objective 1:
Ensure dams and detention basins are in good repair.

Strategies:
1.1 Assess and make recommendations on public and private structures including, but not limited to, Avery Heights dam, dam at Lake St., dam at Veteran's Park off Parkview Dr., and Dzen's dam.

Lead: Public Works, Administration
Priority: Medium

1.2 Prioritize recommended measures and work with property owners to implement.

Lead: Public Works, Administration
Priority: Medium

Objective 2:
Improve communication capabilities to inform resident population.

Strategies:
2.1 Purchase and implement call-back number communication system, which will enable the Town to broadcast.

Lead: Emergency Management, Administration
Priority: Medium

Objective 3:
Ensure the protection of private properties at greatest risk.

Strategies:
3.1 Investigate participating in FEMA’s Community Rating System.
   Lead: Planning, Administration
   Priority: Medium

Goal: Reduce time required to restore commercial power

Objective 1:
Improve tree limb maintenance to reduce number/area of power outages.

Strategies:
1.1 Inventory trees in the town right-of-way, and develop maintenance plan.
   Lead: Public Works
   Priority: Medium

1.2 Continue to contract out tree maintenance work.
   Lead: Public Works, Administration
   Priority: Medium

Objective 2:
Improve communication and coordination with electric utility.

Strategies:
2.1 Continue to meet with CL&P representatives to address problems including the implementation of a lock out/tag out system.
   Lead: Public Works, Administration, Emergency Management
   Priority: High

2.2 Continue regional efforts to improve communications with CL&P.
   Lead: Public Works, Administration, Emergency Management
   Priority: Medium

Goal: Minimize losses to existing and future structures from severe weather

Objective 1:
Use land use regulations to reduce risk.

Strategies:
1.1 Continue to enforce regulations requiring the dedication of open space in new developments.
   Lead: Planning
   Priority: High

1.2 Continue to enforce wetlands regulations.
   Lead: Inland Wetlands Commission, Wetlands Agent
Priority: High

Objective 2:
Review and improve enforcement of building codes.

Strategies:
2.1 Ensure that privately owned and installed generators are installed correctly.
   Lead: Building
   Priority: Medium

2.2 Begin requiring senior housing developments to install some kind of generator to power at least a communal space.
   Lead: Planning, Building
   Priority: Medium

Objective 3:
Improve communication with property owners on measures they can take to reduce their losses from severe weather.

Strategies:
3.1 Use municipal website to educate residents on emergency preparedness.
   Lead: Emergency Management, Administration
   Priority: Medium

3.2 Continue to maintain special needs population list.
   Lead: Emergency Management
   Priority: Medium
Map 46: South Windsor Critical Facilities and Population Density

Persons per Square Mile by Census Block

Data Sources: Connecticut Department of Environmental Protection, Flood Zones, Dams, Repetitive Loss Data, Town Boundaries, Hydrography and Streams; Connecticut Department of Transportation
Projection: Connecticut State Plane 1983 feet
For Planning and Analysis Use Only
Prepared: Spring 2007
Map 47: South Windsor Repetitive Flood Loss Claims, Dams, Flood Zones, Open Space

Data Sources: Connecticut Department of Environmental Protection, Flood Zones, Dams, Repetitive Loss Data, Town Boundaries, Hydrography and Streams; Connecticut Department of Transportation
Projection: Connecticut State Plane 1983 feet
For Planning and Analysis Use Only
Prepared: Spring 2007
**Suffield**

Suffield is a rural community located along the Massachusetts border. It encompasses about 42.2 square miles and has a population of about 15,100. Suffield’s land area contributes to three watersheds: the Farmington River Watershed to the west, the Stony Brook Watershed centrally and the main stem of the Connecticut River Watershed to the east. The Connecticut River runs the length of the eastern boundary of Town. Other major watercourses include Clay, Deep, Fourmile, Mountain Brook, Muddy, Philo, Rawlins and Stony Brooks. State routes 75, 168, 187 and 190 provide major transportation routes through town. Agriculture, manufacture of ice cream, gas, small tools, and warehousing are the principal industries. Part of Bradley International Airport and the North Central Connecticut Correctional facility are also located in Suffield.

**Goals, Objectives and Strategies**

*Goal: Protect life and property and minimize economic losses from winter storms*

**Objective 1:**
Improve the ability of public works and residents to prepare and respond to severe weather.

**Objective 2:**
Reduce the amount of debris and loss of power from severe winter storms through preventative tree maintenance.

*Goal: Protect life and property and minimize road blockages from flooding*

**Objective 1:**
Reduce the likelihood of flooding by improving existing natural and artificial drainage systems.

**Objective 2:**
Reduce flood threats to existing properties.

**Objective 3:**
Improve maintenance of waterways and structures.

*Goal: Protect life and property and minimize electrical disruptions from tornado/high winds*

**Objective 1:**
Reduce the amount of debris and loss of power from server storms through preventative tree maintenance.
Map 48: Suffield Critical Facilities and Population Density

Data Sources:
- Connecticut Department of Environmental Protection, Flood Zones, Dams, Repetitive Loss Data, Town Boundaries, Hydrography and Streams
- Connecticut Department of Transportation

Projection: Connecticut State Plane 1983 feet

For Planning and Analysis Use Only
Prepared: Spring 2007

Persons per Square Mile by Census Block

- Hazardous Materials
- Hospitals & Medical Facilities
- Emergency Management Centers
- Fire Stations
- Police Stations

- Freeways
- Major Arterials
- Minor Arterials
- Waterbodies
- Less than 800
- 801 - 1600
- 1601 - 3200
- More than 3200
Tolland

Tolland is a rural community located in the eastern portion the Capitol Region. The town has a land area of 39.7 square miles and an estimated population of 14,600. Tolland’s elevation ranges from about 500 to over 1,000 feet above sea level. Its land area contributes primarily to the Willimantic River Watershed to the east, but also to the Hockanum River Watershed to the west. The Willimantic River forms the eastern boundary of Tolland, and numerous smaller watercourses flow through town, including Browns, Chapin Meadow, Charter, Clark, Clough, Green, Grover, Labonte, Polk, Spice, Sucker, and West Brooks, as well as the Skungamaug River. Interstate 84 travels east-west through Tolland. Other main state highways include routes 30, 74 and 195. Principal industry in Tolland includes manufacturing and professional services.

Goals, Objectives and Strategies

Goal: Identify areas and measures that would benefit from pre-disaster planning (Wind)

Objective 1:
Reduce conflicts between existing and utility wires and trees.

Strategies:
1.1 Increase funding for preventive tree maintenance.
   Lead: Public Works, Administration
   Priority: Medium

1.2 Maintain agreements with private contractors for emergency tree service work.
   Lead: Public Works, Administration
   Priority: Medium

Objective 2:
Provide back-up power for all critical facilities/infrastructure.

Strategies:
2.1 Work with CREPC to identify possible funding for generator acquisition.
   Lead: Emergency Management, Police, Fire
   Priority: Medium

Objective 3:
Ensure safe and adequate means for traveling throughout town.

Strategies:
3.1 Purchase additional signs, barricades and related supplies for road closures and alternate-route marking.
   Lead: Fire, Emergency Management, Public Works
   Priority: Medium
3.2 Continue good communications with public safety officials in adjacent communities.

Lead: Emergency Management, Police
Priority: Medium

Goal: Identify areas and measures that would benefit from pre-disaster planning (Flood)

Objective 1:
Improve reliability of access to Fire Station 340.

Strategies:
1.1 Analyze and make recommendations to improve Gehring Road crossing of Spice Brook.

Lead: Engineering, Public Works
Priority: Medium

1.2 Implement recommendations of above study.

Lead: Engineering, Public Works, Administration
Priority: Medium

Objective 2:
Improve drainage in Industrial Park.

Strategies:
2.1 Analyze and make recommendations to improve natural and artificial drainage in Industrial Park and Gages Brook.

Lead: Engineering, Public Works, Administration
Priority: Medium

2.2 Implement recommendations of above study.

Lead: Engineering, Public Works, Administration
Priority: Medium

Objective 3:
Ensure safety of Depot/South River Road bridge over the Willimantic River.

Strategies:
3.1 Monitor CT DOT studies of Willimantic River.

Lead: Engineering, Public Works
Priority: High

3.2 Inspect and evaluate the center pier and make recommendations for its improvement and/or maintenance.

Lead: Engineering, Public Works, Administration
3.3 Implement recommendations of above analysis.

**Priority:** High

**Lead:** Engineering, Public Works, Administration

**Objective 4:**
Prevent increased flooding as a result of future development.

**Strategies:**

4.1 Implement Low Impact Development regulations.

**Lead:** Planning & Zoning

**Priority:** High

4.2 Educate commissioners, developers and the community on Low Impact Development.

**Lead:** Planning & Zoning

**Priority:** Medium

4.3 Continue erosion and sedimentation control enforcement.

**Lead:** Zoning Enforcement

**Priority:** Medium

**Objective 5:**
Ensure protection of private property.

**Strategies:**

5.1 Raise awareness in the community of the National Flood Insurance Program.

**Lead:** Emergency Management, Planning

**Priority:** Medium

5.2 Investigate participation in the Community Rating System program.

**Lead:** Planning, Emergency Management, Administration

**Priority:** Medium

5.3 Identify private bridges that may need repair, and reach out to owners to determine best means of evaluating and implementing necessary upgrades.

**Lead:** Engineering, Public Works, Administration

**Priority:** Medium

5.4 Investigate purchase of campground located on Shenipsit Lake Rd.

**Lead:** Planning, Administration

**Priority:** Medium
Goal: Reduce Identify areas and measures that would benefit from pre-disaster planning (Storms)

Objective 1:
Develop network/measures to evacuate citizens to shelters

**Strategies:**

1.1 Develop and maintain list of special needs populations.
   
   Lead: Human Services
   
   Priority: High

1.2 Use town website to communicate emergency planning information to residents.
   
   Lead: Emergency Management
   
   Priority: Medium

Goal: Identify areas and measures that would benefit from pre-disaster planning (Forest Fires)

Objective 1:
Reduce potential losses as a result of fires.

**Strategies:**

1.1 Develop a system for servicing/dredging fire ponds and dry hydrants periodically.

   Lead: Public Works, Fire
   
   Priority: Medium
Map 50: Tolland Critical Facilities and Population Density

Data Sources: Connecticut Department of Environmental Protection, Flood Zones, Dams, Repetitive Loss Data, Town Boundaries, Hydrography and Streams; Connecticut Department of Transportation
Projection: Connecticut State Plane 1983 feet
For Planning and Analysis Use Only
Prepared: Spring 2007
Map 51: Tolland Repetitive Flood Loss Claims, Dams, Flood Zones and Open Space

Data Sources: Connecticut Department of Environmental Protection, Flood Zones, Dams, Repetitive Loss Data, Town Boundaries, Hydrography and Streams; Connecticut Department of Transportation
Projection: Connecticut State Plane 1983 feet
For Planning and Analysis Use Only
Prepared: Spring 2007