

Town of Salem Mitigation Current Projects

project type

Mitigation - Infrastructure

project name

department

Total cost

Land Purchase Water Treatment Plant

\$350,000.00

Project Description

The parcel is located directly behind the Canobie Lake Water Treatment Facility. The present site of the plant does not allow for a major expansion of the facility, particularly from wetland limitations. With no other options for vacant land at this site available, this parcels is necessary for any major upgrade and expansion (projected for 2008).

Project Application

3	3	3	3	3	3	3	21	Total
Social	Tech	Admin	Politic	Legal	Econ	Environ		
2	3	3	3	3	1	3	18	39
disaster	contribute	environment	regulations	historic	goals	implemented		

Drainage Master Plan

Public Works

\$125,000.00

Project Description

The last drainage plan was developed in 1988. This has been the overall guide for improvements to the Town's storm water infrastructure. Since that time development impacts have altered the factors affecting the original assumptions for the 1988 plan. This project is an update pf the plan and an itemization of the improvements necessary to current drainage issues in Town. The Town of Salem, located in Rockingham County of southeastern New Hampshire, contains one of the most developed flood-prone areas in the State. Much of the commercial area is located in the floodplain of the Spicket River. The Town has been included in three Federal disaster declarations resulting from flooding in April 1987, October 1996, and June 1998. In 1999, Salem became a Federal Emergency Management Agency (FEMA) Project Impact community.

Project Application

The plan update will provide specific projects and guidance for the implementation of drainage improvements to actively mitigate flood hazards. The plan will be use to guide the drainage infrastructure improvements in the Town Capital Improvements Program.

3	3	2	2	3	3	3	19	Total
Social	Tech	Admin	Politic	Legal	Econ	Environ		
3	3	3	3	3	2	3	19	38
disaster	contribute	environment	regulations	historic	goals	implemented		

project type

Prevention - Administration

project name

department

Total cost

Emergency Management Drills (Table Top)

Public Safety

\$0.00

Project Description

This program is designed to train Emergency Operations Center personnel in their duties and responsibilities during disaster situations.

Project Application

3	3	3	3	3	3	3		21	Total	42
Social	Tech	Admin	Politic	Legal	Econ	Environ				
3	3	3	3	3	3	3	3	21		
disaster	contribute	environment	regulations	historic	goals	implemented				

CBRNE Training Program

Public Safety

\$0.00

Project Description

This plan prepares emergency first responders to recognize, mitigate and document emergency responses to chemical, biological, radiation or nuclear explosion events.

Project Application

This plan is a controlled document.

3	3	3	3	3	2	2		19	Total	37
Social	Tech	Admin	Politic	Legal	Econ	Environ				
3	3	2	3	1	3	3		18		
disaster	contribute	environment	regulations	historic	goals	implemented				

GASB 34 Project

Finance

\$0.00

Project Description

Establishing compliance with GASB 34 requirements by creating the necessary inventories and administrative systems to properly document, evaluate and value Town assets as applicable.

Project Application

The knowledge of assets and their value is an integral component to determine the impacts of disasters by understanding the value of potential losses.

2	3	3	2	3	3	2		18	Total	35
Social	Tech	Admin	Politic	Legal	Econ	Environ				
2	3	2	3	2	3	2		17		
disaster	contribute	environment	regulations	historic	goals	implemented				

NIMS Certification

Public Safety

\$0.00

Project Description

This project is designed to have all Town of Salem, NH emergency response personnel (fire, police, and public works) become certified in the National Incident Management System.

Project Application

3	3	3	3	3	2	2		19	Total
Social	Tech	Admin	Politic	Legal	Econ	Environ			
3	3	2	3	1	3	3		18	37
disaster	contribute	environment	regulations	historic	goals	implemented			

Inoculation Plan

Health

\$0.00

Project Description

The Inoculation Plan describes the steps necessary to set up and staff an inoculation center to inoculate the entire population of Salem in ten days against a biological infection.

Project Application

This plan is a controlled document.

3	3	2	3	3	3	1		18	Total
Social	Tech	Admin	Politic	Legal	Econ	Environ			
3	3	2	3	1	3	2		17	35
disaster	contribute	environment	regulations	historic	goals	implemented			

Emergency Operations Plan

Public Safety

\$0.00

Project Description

The Emergency Operations Plan is to facilitate the delivery of all types of emergency response assistance to the citizens of the community and to help them deal with the consequences of significant disasters.

Project Application

This plan is a controlled document.

3	3	3	3	3	3	3		21	Total
Social	Tech	Admin	Politic	Legal	Econ	Environ			
3	3	3	3	3	3	3		21	42
disaster	contribute	environment	regulations	historic	goals	implemented			

Winter Weather Operations

Public Works

\$1,077,830.00

Project Description

This project represents the cost of winter weather operations for 2005. The projects is an annual maintenance program that is necessary to effectively provide safe use on all applicable public ways. The Winter Weather Operations is part of a systematic plan to provide theses services.

Project Application

The program is the primary program for mitigating the impacts associated with severe and normal winter weather impacts. The program is especially crucial to provide access for emergency response vehicles and traffic associated with the supply of goods and services.

3	3	3	3	3	3	3	21	Total 41
Social	Tech	Admin	Politic	Legal	Econ	Environ		
3	3	3	3	3	2	3	20	
disaster	contribute	environment	regulations	historic	goals	implemented		

Public Safety Impact Fee System

Community Development

\$35,000.00

Project Description

The project involves the analysis of development and land uses related impacts and the fiscal measures that could be assess to mitigate such impacts. Impact Fees are provided for under the authority of RSA674:21 (v). The section specifically identifies the limitations on such fee systems. The use of a consultant will be necessary to ensure the legality of the impact fee system to increase the effectiveness and minimize legal challenges.

Project Application

Through the use of impact fees the Town will be able to leverage critically needed capital to fund public safety improvements to properly increase capacity associated with new growth. In the absence of the fees there would be little opportunity for new revenues other than tax increase.

3	3	3	3	3	3	3	21	Total 39
Social	Tech	Admin	Politic	Legal	Econ	Environ		
3	3	2	3	3	1	3	18	
disaster	contribute	environment	regulations	historic	goals	implemented		

Infrastructure Asset Management

\$145,000.00

Project Description

Development of an inventory and analysis of condition of the Towns current surface and subsurface infrastructure in a manner that creates an automated Capital Improvements tool that will facilitate Capital Improvements and replacement for Roads, Drainage, Water, Sewer and appurtenances over a 20 year cycle as appropriate. The project will inventory the above assets, assign a condition, coordinate data with traffic and other wear data, and integrate into the GIS system. The project will include the collection of field data through the use of GPS to accurately locate infrastructure.

Project Application

2	3	3	3	3	3	3	20	Total
Social	Tech	Admin	Politic	Legal	Econ	Environ		
3	3	3	2	1	3	3	18	38
disaster	contribute	environment	regulations	historic	goals	implemented		

project type

Response - Coordination

project name

department

Total cost

Citizen Corp Council

Public Safety

\$15,000.00

Project Description

Citizen Corp is a program designed to educate and train citizens to prepare for and mitigate natural disasters. Additionally, the council recruits volunteers to assist the municipal's emergency response agencies during emergencies that are beyond their capabilities.

Funding amount represents grant monies.

Project Application

3	3	3	3	3	2	2		19	Total 37
Social	Tech	Admin	Politic	Legal	Econ	Environ			
3	3	3	3	3	1	3	2	18	
disaster	contribute	environment	regulations	historic	goals	implemented			

Intelligent Transportation Systems

Community Development

\$1,500,000.00

Project Description

In anticipation of the I-93 construction and as part of an overall traffic plan for the Town, Salem is developing a system wide Intelligent Transportation System or ITS within a route 28 corridor. In the short term, during the construction phase, ITS will allow the coordination between the Town and the construction activity to accommodate parallel alternate routing of traffic. The long-range plan for ITS involves the integration of the technology as a response to extreme peak traffic, poor weather conditions, monitoring highway conditions, emergency response, and accidents. The environmental value of ITS lies in the programming of traffic systems that reduce the wait period for traffic and thus the emissions.

Project Application

ITS is an integral component of a public safety response plan to enhance the movement of traffic in order to reduce response time. ITS through the use of CCTV can aid evacuation measures by remotely controlling traffic devices and traffic monitoring during disasters. The location of the ITS project centers within the primary business, educational and governmental areas of the community. The project includes future installations such as Amber Alert Message Boards which can also enhance emergency messages to the community.

3	3	3	3	3	3	3		21	Total 40
Social	Tech	Admin	Politic	Legal	Econ	Environ			
3	3	3	3	3	1	3	3	19	
disaster	contribute	environment	regulations	historic	goals	implemented			

Fire Facilities Plan

Fire

\$50,000.00

Project Description

The Fire Department conducted a Fire Facilities analysis in 2003 to determine the extent and nature of the Fire Facility needs. As a result of the continued growth in the community, fire and ambulance responses west of Route 28 continue to increase. Currently 42% of all responses are to locations west of Route 28. Recently completed studies indicate that over the time from the construction of the central station, and the south station there has been a shift in population centers from the central and south east portions of the community to the west and north. In addition to the shift the amount of square feet of structures per line staff has increase from 270,000 to over 470,000, almost doubled. Most of the square foot increase has occurred in the western portion of the community. The geographical distribution of facilities and the number of staff requires a considerable adjustment. Since 1979 the number of response have increased 42%, in that same period only one additional shift person was added. This is increase in response demand will continue to rise. These areas of the community are not adequately served by the Central station within the recommended response time.

Project Application

The development of a Fire Facilities plan, combined with the Public Safety Impact fees project provides the community with a clear understanding of the Fire Facilities needs and the means to achieve a portion of those needs. This is critical when considering the needs to address emergency response as a function of hazard mitigation.

3	3	3	2	3	3	2		
Social	Tech	Admin	Politic	Legal	Econ	Environ		19
3	3	2	3	1	3	1		
disaster	contribute	environment	regulations	historic	goals	implemented		16
								Total
								35

North Fire Station

Fire

\$1,240,395.00

Project Description

The existing North Salem Fire Station is functionally obsolete. The building systems have failed, its size, design and operational efficiency is not within the parameters of a fire substation. Modification/additions to the existing facility are not cost effective due to the limited lot size. The continued use of the North facility will necessitate improvements that will most likely exceed the functional value as a Fire station. With foresight decades ahead the Town purchased land on Main Street by Arlington Pond Court in the 1970's. The Fire Department has completed the first phase and concluded that the North Station is of the highest priority to provide service to the community. A feasibility analysis has confirmed that the proposed location and site planning of the facility is within the necessary response demands of the Fire Department. This request is to fund the construction of the facility on the above referenced site.

Project Application

The improvement of the North Fire Station will provide the necessary facilities to properly serve the northern sections of the community and properly house the equipment and public safety personnel.

3	3	3	2	3	3	2	19	Total
Social	Tech	Admin	Politic	Legal	Econ	Environ		
3	3	2	3	1	3	3	18	37
disaster	contribute	environment	regulations	historic	goals	implemented		

Southeastern NH HazMat Mutual Aid District

Fire

\$0.00

Project Description

This mutual aid district combines the personnel and equipment from 15 communities into a coordinated and highly trained emergency response team able to respond to a mitigate level "A" hazardous material incidents.

Project Application

3	3	3	3	3	2	2	19	Total
Social	Tech	Admin	Politic	Legal	Econ	Environ		
3	3	3	3	2	3	3	20	39
disaster	contribute	environment	regulations	historic	goals	implemented		

CBRNE Equipment Program

Public Safety

\$35,000.00

Project Description This plan acquires the equipment necessary for emergency first responders to recognize, mitigate and document emergency responses to chemical, biological, radiation or nuclear explosion events.

Project Application This plan is a controlled document.

3	3	3	3	3	2	2		19	Total
Social	Tech	Admin	Politic	Legal	Econ	Environ			
3	3	3	3	3	2	3	3	20	39
disaster	contribute	environment	regulations	historic	goals	implemented			

Water Treatment Emergency Response Plan

\$0.00

Project Description The Water Treatment Emergency Response Plan prepares water treatment personnel to recognize, mitigate and document emergency responses to the community's water treatment and distribution system.

Project Application This is a controlled plan.

3	3	3	3	3	3	2		20	Total
Social	Tech	Admin	Politic	Legal	Econ	Environ			
3	3	2	3	2	3	3		19	39
disaster	contribute	environment	regulations	historic	goals	implemented			

Red Alert Fire Department Software

Fire

\$200,000.00

Project Description A fire department administrative software package.

Project Application This software records emergency responses, generates response logs & reports, tracks training activities and inspection activities.

3	3	2	3	3	2	2		18	Total
Social	Tech	Admin	Politic	Legal	Econ	Environ			
3	3	3	3	2	3	1		18	36
disaster	contribute	environment	regulations	historic	goals	implemented			

Reverse 911 Notification System

Fire

\$54,000.00

Project Description

The Reverse 911 Notification System is a computerized telecommunication system which allows recorded telephone messages to be delivered to selected geographical areas or predesignated personnel activation lists.

Project Application

The system allows for predisaster notification of predicable events, alert community neighborhoods of lost or missing persons, fugitives on the run, or other emergency information.

3	3	3	3	3	3	3	21	Total 40
Social	Tech	Admin	Politic	Legal	Econ	Environ		
3	3	3	3	3	1	3	19	
disaster	contribute	environment	regulations	historic	goals	implemented		