



<http://vimeo.com/78791235>



Lyons Strong

2013 Flood Event
and
Disaster Recovery

Lyons, Colorado

- Located in Boulder County
- Confluence of North & South St. Vrain Creeks
- Beautiful Sandstone and Canyons
- Outdoor Recreation, Music and Art
- Local Restaurants, Beer and Distillery
- Population 2,035 - Statutory Town
- 960 Households
- General Fund Budget: \$1.1 Million Annually
- Operate Water, Sewer, and Electric Utilities
- 15 Full Time Staff

<http://www.lyonsfightsback.org/>

Flood Event

- Normal Creek Flows at Spring Runoff > 1,200 cfs
- Flood Estimates Range > 26,000 cfs
- 8,800 cfs is 100 Year Event = 500+ Event
- River Created 400+ foot Gash through Town
- Ripped Apart Water distribution, Sewer collection, Electric, Gas and Communication lines
- Waste water Plant Inundated
- Divided Community into Six Islands
- Roads and Bridges Destroyed and Access Cut off
- Town Isolated for 36 Hours

Aftermath

- 2,000 Evacuated - Search and Rescue / National Guard
- One Death
- Emergency Protective Measures Taken
- 211 Homes Damaged
 - 84 Substantially Damaged
- Preliminary Damage Assessment
 - \$50 million for Public Assistance
- Town Hall & Library Uninhabitable
- Public Works Facility and Equipment Destroyed
- Complete Destruction of Parks Facilities
- Creeks Re-routed and Stream Banks Scoured

Actions

- Residents to Temporary Housing
- Daily Staff Meetings
- Weekly Community Updates
- Schools Relocated to Longmont for 3 Months
- All Businesses Closed for At Least 7 Weeks
- Security Checkpoint into Community
- Temporary WWTP and Utilities
- Secure and Build Temporary Roads and Bridges
- Partnerships with Local, State and Federal Agencies

Affect

- Loss of 20% of Housing Stock and Decrease of Property Tax Revenue for 2014
- Business Community Closed for 7 Weeks
 - Loss of All Sales Tax Revenue and Anticipate 40% Decline
- Use of All Funds and Reserves toward Disaster
 - \$50 million Damages
 - 75% FEMA / 12.5% State / 12.5% Local
 - Local Match = \$6.5 million
 - Lyons Reserves = \$4.4 million
- Reimbursement causes Cash Flow Issues
- Complete Destruction of Parks Facilities

Short-Term Recovery

A photograph showing a woman in a dark patterned shirt hugging a young child. They are standing in front of a temporary shelter made of corrugated metal. Another person is sitting on the ground to the right. The background shows trees and a building.

- Mental Health Assistance
- Locating Temporary Housing
- Individual Assistance – Volunteers Critical
- Hiring Temporary Personnel
- Temporary WWTP and Utilities Installed
- Secured and Built Temporary Roads and Bridges
- Returning Neighborhoods as Utilities Restored

Mid-Term Recovery

- Prepare for Spring Runoff
- Financial Forecasting & Strategy
- 4 Projects in FEMA PAAP Program
- 33 Standard Public Assistance Projects
- 64 Recovery Action Strategies
- Long-term Recovery Planning

• <http://vimeo.com/77357408>

Long-Term Recovery



Bohn Park

Restore & Enhance Bohn Park

Project 1.2.1



Ensure recreation facilities, trails, natural areas and other amenities are safe and consistent with floodplain regulations.

Responsible Party:
Town Staff
SRIF
SRTF
Comprehension Plan:
Town Service Objective 1.2
Cost Estimate: \$555

Project 1.2.2



Design and implement the revised Bohn Park master plan.

Responsible Party:
PRC
Key Partners:
SRIF
EB
Comprehension Plan:
POSTR 1.3.6
Cost Estimate: \$555



Action Steps (Scope of Work):

- Restore active/recreational uses, such as playground, trails
- Use court and ballfields
- Accommodate festivals/special events on the GoCo 25 Acre Parcel
- Restoration/segmentation of river access
- Bohn Park should be a hub for the entire trail system, i.e. have connections to Meadow Park, the ponds, downtown and all the way to Hill and Hall Ranch Open Spaces
- Move skate park from central downtown to Bohn Park near the det bike jumps
- Restore dog water access (the dog park at the river)
- Restore picnic shelter, but increase its size
- Establish a loop trail all the way around park
- Add more art installations, especially along trails.

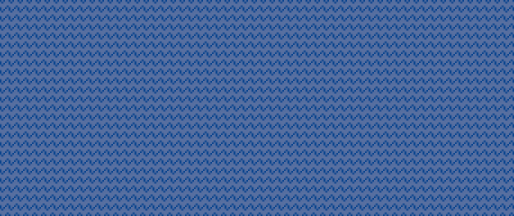
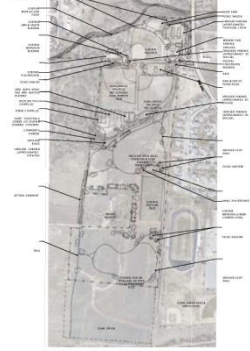
Possible Resources:

- GoCo Grants
- Colorado Rockies assistance for ballfields
- Possible stream restoration grants
- Volunteer labor
- FEMA reimbursement
- Town insurance
- Rental and use fees

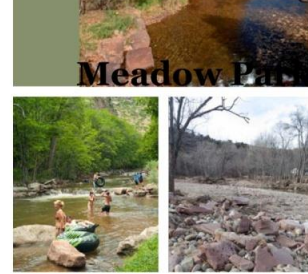
Possible bond issue

Background

- 4th Ave. pedestrian bridge moved on foundation and it has been removed for river work
- Trial to Highway 7 destroyed: South St Vrain Corridor Trail through Bohn no longer in existence
- Park areas, grills, memorial benches, Miller Memorial, parking lots, retention ponds, all destroyed
- Bohn Baseball/softball field, batting cage, dugouts, fences, severely damaged
- Vaquero Little League Baseball/softball field destroyed
- Bohn Park St Vrain whitewater features destroyed, including American with Disabilities Act (ADA) fishing structure
- Landscape and irrigation system destroyed
- Damage to park hot site and playground areas
- Signage and fencing damage.



Meadow Park



responsibilities:

Responsible Party:
Town Staff
SRIF
SRTF
Comprehension Plan:
Town Service Objective 1.2
Cost Estimate: \$555

responsibility:

Key Partners:
Town Staff
SRIF
EB
Comprehension Plan:
POSTR 1.3.6
Cost Estimate: \$555

Project Description

Rebuilding Meadow Park is our top priority. This park provides the most economic impact to our town. It provides the most local and visitor recreational opportunities. It showcases our town's history and provides opportunities to mitigate future flooding and restore the river corridor's habitat.

Project Benefits

- Create a place to gather and play as a community again
- Through reconstruction, ensure that the town remains economically viable and maintain its reputation and brand as a destination for healthy, active, outdoor lifestyles
- Camping revenue is a critical part of the park's department budget. Recent acquisitions of additional land and expansion of existing camp ground and parking areas will generate more revenue for the town on a yearly basis
- The project would benefit the general population by concentrating our services in one place and reinvesting in the town's main park
- During the summer, between 500-1000 people visit Meadow

Park daily

- During special events, such as music festivals, the number of visitors can increase to 2500-5000 daily. Thus, doubling our population.

Scope of Work:

- Reconstruction of facilities in Meadow Park to address the immediate recreational needs of Lyons
- Creation of an attraction, which will draw visitors to our town
- Expand existing camping and parking
- Recreate the whitewater kayak park, which flows through Meadow Park and Bohn Park to Highland Ditch in conjunction with the Lyons Comprehensive Plan.

Possible Resources:

- GoCo Grant (applied, not yet awarded): up to \$1 million
- Town match through Parks Reserves
- FEMA reimbursement estimate: 2.3 million
- Town in-kind contributions: \$85,000
- Possible donations: \$100,000
- Volunteers: \$35,000



Trail System

Increase Trail Connectivity & Enhance Trails Along the River Corridor.

Project 2.1.1



Develop trail master plan (create access for kayak/river use along river trail, build on existing regional trail plans, safe crossing for pedestrians/bikes, etc.)

Responsible Party:
PRC
Key Partners:
SRIF Town Staff EB
Comprehension Plan:
POSTR 3.1
Cost Estimate: \$

Project 2.1.2



Repair former trails and access (bridges, drainage structures, etc. including a priority on trail/bridge access from Bohn Park to downtown across the river)

Responsible Party:
Town Staff
Key Partners:
PRC
Comprehension Plan:
POSTR 3.1
Cost Estimate: \$55

Project 2.1.3



Implement regional trail connections through partnerships.

Responsible Party:
Town Staff
Key Partners:
PRC
Comprehension Plan:
POSTR 3.1
Cost Estimate: \$55

Action Steps (Scope of Work):

- Create a construction plan to identify safe corridors for public travel
- Restore existing pedestrian bridges, trails, drainage structures, etc.
- Rebuild and restore existing multi-use pathways with crushed fine
- Expand the trail system into surrounding communities and open space
- Create Trails Master Plan with a consultant for immediate phases and future extensions/enhancement.

Possible Resources:

- GoCo Grant
- Volunteers

Project Description

We must rebuild and expand the pre-flood trail system in a sustainable way to reconnect the community, provide safe and environmentally friendly local transportation, minimize long-term maintenance needs, and enhance native ecology. Reconstructing the trails is also essential to promote physical and psychological health.

Map of Trail System



Rebuild Lyons Strong!



Progress Report

Nine Months Post Flood

Town Expense Incurred To Date	\$6,622,000
CIRSA Insurance To Date	\$3,172,362
Requests for Reimbursement in Queue	1,899,521
FEMA Reimbursement To Date	946,942
State Reimbursement to Date	165,842
Advance from FEMA/State Approved	3,500,000

Need Additional Support for Grant Management

Resiliency & Strategic Planning

- FEMA Capacity Building Led to Lyons Recovery Plan
- CPAT / APA Visit and Plans
- Lyons Recovery Action Plan
- Recovery Working Groups – 64 Goals
- Sustainability and Mitigation Consideration in each
- DHSEM – Hired State Recovery Liaison
- DHSEM – Hired Local Disaster Recovery Manager
- Need Communications Coordinator

Rebuild Lyons Strong

