

Mitigation Action Guides: 2021-26 Weld County

Pierce (4 Projects)

I-Pierce: Community Impact Study -Vulnerable Populations-Shelter Capabilities Planning	
PRIORITY: High	HAZARDS ADDRESSED: All hazards
LOCATION: Town of Pierce	GOALS ADDRESSED: I-4
RECOMMENDATION DATE: 7/31/2021	OBJECTIVES ADDRESSED: A, B, C, D, E
TARGET COMPLETION DATE: 12/31/2021	Lifelines: Public Safety
<p>ISSUE: Due to the potential impact of severe storms, long term power outages, tornados, proximity of hazmat routes and the lack of sheltering capabilities in the community; the impact by natural hazards and cascading events would require Pierce to acquire outside assistance to shelter local residents.</p>	
<p>RECOMMENDATION: Conduct a Community Impact study to identify vulnerable areas and neighborhoods that be greatly impacted by identified high ranking natural hazards or the cascading effects of natural hazards. Identify shelter locations, that include generators, capability to sustain winds up to 200 mph, cots, blankets and maintain supplies for emergency provisions. Provide Train the Trainer course to include preparation for all hazards that could impact the community. Update Emergency planning to include early warning procedures and sheltering/shelter-in-place protocols. Harden infrastructure systems to prevent long term disruption of services and supplies. Identify and obtain grant funding for all components of above projects.</p>	
<p>ACTION: identifying shelters and designating them as critical facilities</p> <ul style="list-style-type: none"> - providing backup power through fixed generators - mitigating the shelters against hazards (wind, flood, fire, etc.) - building safe rooms or shelters for identified vulnerable areas that need them 	
LEAD AGENCY: Town of Pierce	EXPECTED COST: Staff Time,
SUPPORT AGENCIES: Weld OEM,	POTENTIAL FUNDING SOURCES: TBD
PROGRESS MILESTONES:	

2-Pierce: County Road 90 Improvements	
PRIORITY: Medium	HAZARDS ADDRESSED: Hazmat evacuations/severe storms/ flooding
LOCATION: CR 90/hwy85- CR 29	GOALS ADDRESSED: I, 2
RECOMMENDATION DATE: 2021-22	OBJECTIVES ADDRESSED: E
TARGET COMPLETION DATE: 2022	LIFELINES: Transportation SUBCOMPONENTS: County Roads, State Highways

Mitigation Action Guides: 2021-26 Weld County

ISSUE: Past and potential future flooding in the lower drainage areas and ditches that the roadway crosses, along with the age/deterioration of the roadway poses a threat to using this road as an exit route from the town in an emergency. Hazmat route traffic exacerbates road conditions during storms and flooding. The road is also an evacuation route for the school directly to the south of the intersection. Now that CR 29 is a paved through road between Hwy 14 and CR 100, CR 90 is becoming an increasingly important exit route for residents from Pierce.

Planned Road maintenance- increased truck traffic, degraded road condition

RECOMMENDATION: Repair the roadway

ACTION: Maintain and improve condition of Hazmat and Evacuation Route for community

LEAD AGENCY: Town of Pierce

EXPECTED COST: \$1m + awaiting estimate

SUPPORT AGENCIES: FEMA

POTENTIAL FUNDING SOURCES: FEMA, BRIC, Revenues, WC IGA

PROGRESS MILESTONES:

Get an estimate for road repair, awaiting property tax revenues that will go towards funding the project. Grant funding submission start project 2021, projected project timeframe 6 months to 1 year.

3-Pierce: Community Preparedness Education

PRIORITY: High

HAZARDS ADDRESSED: Drought, Earthquake, Land Subsidence, Extreme Temperatures, Flood, Severe Storm, Wind & Tornado, Fire, Public Health, Hazmat

LOCATION: Town of Pierce

GOALS ADDRESSED: 1,3

RECOMMENDATION DATE: 10.06.2015

OBJECTIVES ADDRESSED: A, B

TARGET COMPLETION DATE: Annually

LIFELINES: All
SUBCOMPONENTS: All

ISSUE: There are many emergency managements issues that need to be reinforced with public education so that citizens know what risks they face, what protective actions they can take, and what government programs are in place to assist them.

RECOMMENDATION: The potential for saving just one life, and providing time for individuals and businesses to take effective protective actions, outweighs the potential cost of the public education program. Public Education may be the most effective and least-expensive way to reduce disaster losses by changing human behavior to promote appropriate actions

ACTION: Establish an ongoing or annual Public Education campaign regarding Hazards and Emergency Management

LEAD AGENCY: Town of Pierce

EXPECTED COST: \$2,500 for printing and distribution costs

Mitigation Action Guides: 2021-26 Weld County

SUPPORT AGENCIES: County Emergency Management, First Responder Agencies, State DHSEM, FEMA	POTENTIAL FUNDING SOURCES HMPG, SHSG, Local budgets and private partner cost share.
<p>PROGRESS MILESTONES: Since 2009, Weld County OEM and many participating jurisdictions have continued to make public preparedness outreach and education a priority. The Town of Pierce will continue to work with Weld County OEM on community preparedness education and hazard identification.</p> <p>Updated: Ongoing project</p>	

4-Pierce Drainage County Road 88 / Hwy 85	
PRIORITY: High	HAZARDS ADDRESSED: Flood, Storm water
LOCATION: Pierce	GOALS ADDRESSED: 1, 2, 3, 4
RECOMMENDATION DATE: 1/1/2016	OBJECTIVES ADDRESSED: D, E
TARGET COMPLETION DATE: 2025	LIFELINE: Transportation SUBCOMPONENT: Roads
<p>ISSUE: The Town of Pierce has a Comprehensive Plan identifying storm drainage issues and goals. The primary goal is to preserve flood plains and natural drainage ways in the Pierce planning area. Drainage at County Road 88 and Highway 85 requires a larger engineered culvert to prevent standing water on the street and nearby properties.</p>	
<p>RECOMMENDATION: The Town of Pierce is working jointly with Weld County to engineer a larger culvert to drain storm water under County Road 88 and allow it to flow down the natural drainage area. Agreements with the State of Colorado, City of Thornton and Fort Collins Lateral may be necessary to help direct the drainage to the proper natural areas.</p>	
<p>ACTION: This is a high priority currently being planned in conjunction with Weld County to engineer a culvert large enough to drain storm water and direct it to a ditch system approximately $\frac{3}{4}$ mile away.</p>	
LEAD AGENCY: Town of Pierce	EXPECTED COST: Storm drainage improvements in the vicinity of US85 and County Road 88. Installation, agreements, and engineered design directing the flow to a ditch system approximately $\frac{3}{4}$ mile. \$500,000
SUPPORT AGENCIES: Weld County	POTENTIAL FUNDING SOURCES: Pierce charges drainage fees.

Mitigation Action Guides: 2021-26 Weld County

PROGRESS MILESTONES

Update: There is no current progress on this project. Project will be ongoing Through 2020-2025, with collaboration of county and state and City of Thornton for adjoining property.

