

**APPENDIX A1. 2015 WASHOE HMP MITIGATION ACTION WORKSHEET SUMMARY**

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## Washoe County/TRFMA/TMFPD

Action Number	Action Item	Hazard(s) Addressed	Department / Division	Potential Funding Source	Implementation Timeline	Priority Level	2020 Status Update	Risk Reduction Summary
1.1	Enhance/Develop the Seasonal Multi-Hazard Public Awareness Program.	Multiple	All Jurisdiction's - Emergency Management Planning Committee Members	Local Gen. Fund, EMPG, HMGP, NV Health & Human Services, CDC, USFS	Ongoing	High	Completed/Ongoing. Ongoing progress with various hazards focused each month.	Increases community awareness
1.2	Review/update the Master Plan to incorporate the RHMP.	Multiple	All Jurisdiction's - Community Development Emergency Mgmt.	Local Gen. Fund	36-48 months	Moderate	Completed/Ongoing. Master Plan development has begun, and necessary updates have been made. Many aspects of the Master Plan address hazard components. Final approval of plan is pending.	Integration of hazard mitigation principles into local comprehensive planning
1.3	Adopt IBC 2018 code.	Earthquake	All Jurisdictions - Community Development Building	Local Gen. Fund, USACE, PDM, HMGP	Ongoing	Moderate	Completed.	Increases level of protection from earthquake hazards for new buildings
2.1	Develop, enhance, and implement education programs aimed at mitigating natural hazard, and reducing the risk to citizens, public agencies, private property owners, business, and schools.	Multiple	All Jurisdiction's - Emergency Mgmt.	UNR Living w/Fire, BLM, USFS, NDF, SERC, EMPG,	Ongoing	Moderate	Completed/Ongoing. Ongoing progress with various hazards focused on each month.	Increases community awareness

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				Local Gen. Fund				
2.3	Increase interagency coordination and corporation.	Multiple	All Jurisdiction's - Emergency Mgmt., Police, Fire, Public Works	Local Gen. Fund	Ongoing	Moderate	Completed/Ongoing. Passed legislation on NIMAS. Other coordination structures and memberships include fire and law associations and regional automatic mutual aid agreements. The Washoe County Health District (WCHD) leads the Inter-Hospital Coordinating Council and coordinates with regional partners on exercises.	Continues to develop community partnerships for response, recovery, and mitigation
4.2	Implement current TMWA Conservation Plan including encouraging transition to less water-intensive landscaping on both public and private properties.	Drought	All Jurisdictions - Water Utilities	Local Gen. Fund, Local Utility Charge, NDEP	Ongoing	High	Cancelled. This is no longer a County action.	Not applicable (N/A)
5.1	Review and update the regional Earthquake Transportation Evacuation Routes and incorporate into appropriate planning documents.	Earthquake	All Jurisdiction's - Emergency Mgmt.	Local Gen. Fund	24-36 months	Moderate	Completed. Evacuation routes are listed in the region's evacuation and mass care plan as well as the recent debris management plan.	Reduces risk of losses following an earthquake

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5.2	Encourage seismic strength evaluations of critical facilities in the jurisdiction to identify vulnerabilities for mitigation of schools and community college, public infrastructure, and critical facilities to meet current seismic standards.	Earthquake	All Jurisdiction's - Sheriff, Police, Public Works, School District	Local Gen. Fund, PDM, HMGP, HUD	24-36 months	Moderate	Ongoing. The County supported the City of Reno's effort. (see action EQ-9)	N/A
5.3	Encourage non-structural mitigation by increasing public awareness of earthquakes through wide distribution of newspaper supplements, booklets, brochures, etc. on what to do before, during, and after an earthquake.	Earthquake	All Jurisdiction's - Emergency Mgmt.	Local Gen. Fund, FEMA	24-36 months	Moderate	Completed. Held regional Shakeout day.	Increases community awareness
5.4	Identify "at risk" buildings for retrofitting or eliminating life threatening buildings, particularly URMs.	Earthquake	All Jurisdiction's - Sheriff, Police, Public Works, School District	Local Gen. Fund, PDM, HMGP, HUD	24-36 months	Moderate	Ongoing. (see action EQ-9)	N/A
5.5	Assess, repair, and/or replace infrastructure that may fail during earthquakes (e.g., Keystone Ave. Bridge).	Earthquake	All Jurisdiction's - Emergency Mgmt.	Local Gen. Fund, PDM, HMGP, HUD	24-36 months	Moderate	Ongoing. University of Nevada - Reno and schools have done retrofits. Virginia Street Bridge has been replaced; replacement of Keystone Ave.	N/A

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							Bridge underway. (see action EQ-10)	
6.76	Install back-up generators for critical infrastructure and facilities along with other measures (e.g., alarms, meters, remote controls, and switchgear upgrades).	Energy Emergency	All Jurisdictions	Local Gen. Fund, FEMA HMGP	48-60 months	Moderate	Ongoing. WC Utilities embarked on SCADA master plan with focus on redundancy, resilience, projects to roll out. (see action EQ-5)	N/A
6.77	Drainage ditch improvements.	Flooding	All Jurisdictions	Local Gen. Fund, FEMA HMGP	48-60 months	Moderate	Ongoing. Recent effort completed by the Truckee Meadows Regional Planning Agency to map the existing storm drainage system as the first phase of an effort to address undersized systems and ditches. County led a drainage improvement project at Lake Tahoe. (see action FL-9)	N/A
8.1	Encourage the private sector to prepare and maintain 3-day preparedness kits.	Multiple	All Jurisdictions- Emergency Mgmt.	Local General Fund, EMPG	Ongoing	Moderate	Cancelled.	N/A
8.2	Conduct outreach programs to build resilience to severe storm hazards. (formerly 2005 action - Encourage homeowners to storm proof their buildings).	Severe Storms	All Jurisdictions- Emergency Mgmt.	Local General Fund, EMPG	Ongoing	Moderate	Completed. Re-accredited as a storm ready community.	Increases community awareness

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9.1	Increase communication, coordination, and collaboration between wildland/ urban interface property owners, local and county planners, and fire prevention crews and officials to address risks, existing mitigation measures, and federal assistance programs.	Wildland Fire	All Jurisdictions- Emergency Mgmt.	Local General Fund, NDEP, USEPA, NDF, USFS, PDM, HMGP, BLM	Ongoing	Moderate	Completed/Ongoing. County GIS and TMFPD have been working to update fire rating mapping and Community Wildfire Protection Plans. A permitting requirement has been established to require developers to look at a property's fire risk rating. The most recent fire code prohibits "hot" work on Red Flag days.	Increases community awareness
10.1	Coordinate communication between state and local jurisdictions regarding hazardous materials.	Hazardous Materials Incident Radiological Waste Transport	All Jurisdictions Emergency Mgmt, Building Department, Fire Department	Local General Fund, NDEP, USEPA	Ongoing	Moderate	Completed/Ongoing. WCHD has been working with radiological teams at the state to understand radiological incidents better. A Centers for Disease Control game exercise has been scheduled. The State has a HazMat permitting process; however, funding is needed to allow coordination between local agencies and the state fire marshal. Individual tracking	Develops community partnerships to prepare for and respond to incidents

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							programs are not communicating.	
11.1	Monitor radiological shipping campaigns that include Washoe County as an approved route.	Radiological Waste Transport	All Jurisdictions Emergency Mgmt, Sheriff/Police, Fire Department	Local General Fund, NDEP, USEPA	Ongoing	Moderate	Completed/Ongoing. Highway Patrol meets shippers at the border. Required by Nevada Revised Statutes (NRS).	Develops community partnerships to prepare for and respond to incidents
11.2	Coordinate communication between state and local jurisdictions for the transportation of radiological materials and waste.	Radiological Waste Transport	All Jurisdictions Emergency Mgmt, Sheriff/Police, Fire Department	Local General Fund, NDEP, USEPA	Ongoing	Moderate	Completed/Ongoing. Required by NRS. The Local Emergency Planning Committee and HazMat Triad conducting training.	Develops community partnerships to prepare for and respond to incidents
12.1	Provide training for the public and private sectors to improve response, management, and intervention of WMD terrorism incidents.	Criminal Acts and Terrorism	All Jurisdictions Emergency Mgmt, Sheriff/Police, Fire Department	Local General Fund, DHS	Ongoing	Moderate	Completed. CERT and Washoe County deputies hold trainings for the public on how to prepare for terrorist attack and terrorism liaison training with security chiefs and the private sector. WCHD has a point of dispensing (POD) program with private partners and has compiled a video related to PODs.	Develops community partnerships to prepare for and respond to incidents
12.3	Increase law enforcement staff.	Criminal Acts and Terrorism	All Jurisdictions Sheriff/Police	Local General Fund, DHS	Ongoing	Moderate	Completed/Ongoing. Staffing has increased. This is no	N/A

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							longer considered a mitigation action.	
2.6	Implement and/or utilize Community Emergency Response Teams (CERT) as well as the Citizens Homeland Security Council (CHSC) to shift burden from sworn officers, where appropriate.	Multiple	Washoe County Emergency Mgmt. Reno-Sparks Indian Colony Emergency Pyramid Lake Paiute Tribe	Local General Fund, DHS	Ongoing	Moderate	Completed. No longer considered a mitigation action.	N/A
3.1	Develop plan for strategically placed snow fences to protect the Crystal Bay Subdivision and construct avalanche defense structure for Third Creek water tank.	Avalanche and Landslide	Washoe County Emergency Management	Local Gen. Fund	36-48 months	Moderate	Completed. Avalanche vendor identified a camera system as a more effective solution. A snow fence would be ineffective and would require periodic movement of the fence. The County has purchased and installed the camera system.	Provides advance warning of potential avalanches
3.2	Develop mapping, hazard plans and zoning/land use codes for areas prone to landslides and/or avalanches.	Avalanche and Landslide	Washoe County Emergency Mgmt.	Local Gen. Fund	24-36 months	Moderate	Completed. Mapping has been provided to realtors. Parcels in the hazard area have been purchased to reduce hazard risks. Building codes have been updated to require improved structural resilience. Local zoning already	Reduces parcels available for development in avalanche hazard zones and decreases risk of losses from avalanches



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							directs development away from areas at risk of avalanches.	
6.1	<p>Stormwater Capital Improvement Project: Culvert Improvements, including:</p> <ul style="list-style-type: none"> <li>• CIP#A15-1 Village Parkway @ Mudsprings ("Village Parkway Wash");</li> <li>• CIP#A16-4 &amp; A16-5 Cold Springs Drive;</li> <li>• CIP#A16-7 Village Parkway;</li> <li>• CIP#C17-1 Sun Valley ("Amargosa Wash") @ Middle Fork Drive;</li> <li>• CIP#C17-2 Sun Valley ("Amargosa Wash") @ Amargosa Drive;</li> <li>• CIP#C17-4 Sun Valley ("Amargosa Wash") Culvert Upgrade at Sun Valley Blvd;</li> <li>• CIP#C17-5 Sun Valley ("Amargosa Wash") Culvert Upgrade at Smokey Canyon Drive;</li> <li>• CIP#C17-10 Sun Valley ("Amargosa Wash") Culvert Upgrade at E. 9th Ave;</li> <li>• CIP#C17-15 Sun Valley ("Amargosa Wash")</li> </ul>	Flooding	Washoe County Public Works	Stormwater Utility District	48-60 Months	Moderate	Cancelled. Projects are included in the County's CIP.	N/A

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	<p>Culvert Upgrade at E. 8th Ave; and,</p> <ul style="list-style-type: none"> <li>CIP#D16-4 Spanish Springs Spanish Springs High School Area - Spanish Springs Village Subdivision.</li> </ul>							
6.2	<p>Stormwater Capital Improvement Project: Channel Improvements, including;</p> <ul style="list-style-type: none"> <li>CIP#A16-3 Cold Springs Drive; CIP#A16-6 Cold Springs Drive to White Lake;</li> <li>CIP#C17-3 Sun Valley ("Amargosa Wash") Utility Protection/Relocation and Existing Channel Erosion Protection between Amargosa Drive and Sun Valley Blvd; and</li> <li>CIP#C17-16 Sun Valley ("Amargosa Wash") Channel Improvements along E. 8th Ave. from Middle Fork Drive to Leon Drive.</li> </ul>	Flooding	Washoe County Public Works	Stormwater Utility District	48-60 Months	Moderate	Cancelled. Projects are included in the County's CIP.	N/A
6.3	<p>Stormwater Capital Improvement Project: Detention Basin, including:</p>	Flooding	Washoe County Public Works	Stormwater Utility District	48-60 Months	Moderate	Cancelled. Projects are under construction.	N/A

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	<ul style="list-style-type: none"> <li>• CIP#D16-1 Spanish Springs Kinglet Drive;</li> <li>• CIP#D16-2 Spanish Springs Nightingale Way; and,</li> <li>• CIP#D16-3 Spanish Springs Spanish Springs High School Area.</li> </ul>							
6.4	New Floodwalls: Provide a berm with a buried floodwall, with the top of the floodwall set to the 100-year water surface elevation.	Flooding	TRFMA	Sales tax, Flood District Rates, FEMA HMGP	24-48 months	Moderate	Ongoing. (see action FL-20)	N/A
6.5	Booth Street Bridge: Remove Booth Street Bridge which constricts flows and increases flood water elevations.	Flooding	TRFMA	Sales tax, Flood District Rates, FEMA HMGP	24-48 months	Moderate	Ongoing. (see action FL-21)	N/A
6.6	Jones Street Signal Improvements: Construct signal at Jones and Keystone Ave.	Flooding	TRFMA	Sales tax, Flood District Rates, FEMA HMGP	24-48 months	Moderate	Ongoing. (see action FL-22)	N/A
6.7	New Floodwalls (Geotechnical Recommendations): Drain trench along portions of the new floodwalls per Geotechnical Report.	Flooding	TRFMA	Sales tax, Flood District Rates, FEMA HMGP	24-48 months	Moderate	Ongoing. (see action FL-23)	N/A

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6.8	Pumping Station: Pumping station along Riverside Drive.	Flooding	TRFMA	Sales tax, Flood District Rates, FEMA HMGP	24-48 months	Moderate	Ongoing. (see action FL-24)	N/A
6.9	Pedestrian Closure Gate Structures: Pedestrian gates are needed along the length of the floodwall to maintain the current pedestrian access points. A product such as FloodBreak or approved equivalent.	Flooding	TRFMA	Sales tax, Flood District Rates, FEMA HMGP	24-48 months	Moderate	Ongoing. (see action FL-25)	N/A
6.10	Raise Pedestrian Bridge upstream and downstream of Arlington Ave.	Flooding	TRFMA	Sales tax, Flood District Rates, FEMA HMGP	24-48 months	Moderate	Ongoing. (see action FL-26)	N/A
6.11	Floodproofing: Miscellaneous structures in Downtown Reno require floodproofing.	Flooding	TRFMA	Sales tax, Flood District Rates, FEMA HMGP	24-48 months	Moderate	Ongoing. (see action FL-27)	N/A
6.12	Bridge protection at Arlington Ave Bridge.	Flooding	TRFMA	Sales tax, Flood District Rates, FEMA HMGP	24-48 months	Moderate	Ongoing. (see action FL-28)	N/A
6.13	Replace Floodwalls: Replacement of old	Flooding	TRFMA	Sales tax, Flood District	24-48 months	Moderate	Ongoing. (see action FL-29)	N/A

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	inadequate floodwalls from Arlington St. to Lake St.			Rates, FEMA HMGP				
6.14	Sierra Street Bridge: Replace Sierra Street Bridge which constricts flows and increases flood water elevations, with a new bridge that is hydraulically efficient and capable of passing the 100-year flood.	Flooding	TRFMA	Sales tax, Flood District Rates, FEMA HMGP	24-48 months	Moderate	Ongoing. (see action FL-30)	N/A
6.15	Virginia Street Bridge: Recommendation unchanged.	Flooding	TRFMA	Sales tax, Flood District Rates, FEMA HMGP	24-48 months	Moderate	Completed. New bridge completed in 2016.	Increases flow capacity and structural stability of the bridge
6.16	Center Street Bridge: Replace Center Street Bridge which constricts flows and increases flood water elevations, with a new bridge that is hydraulically efficient and capable of passing the 100-year flood.	Flooding	TRFMA	Sales tax, Flood District Rates, FEMA HMGP	24-48 months	Moderate	Ongoing. (see action FL-31)	N/A
6.17	Lake Street Bridge: Replace Lake Street Bridge which constricts flows and increases flood water elevations, with a new bridge that is hydraulically efficient and capable of passing the 100-year flood.	Flooding	TRFMA	Sales tax, Flood District Rates, FEMA HMGP	24-48 months	Moderate	Ongoing. (see action FL-32)	N/A
6.18	Remove existing pedestrian bridge at Wells Ave. Install new pedestrian bridge upstream of Wells Ave.	Flooding	TRFMA	Sales tax, Flood District Rates,	24-48 months	Moderate	Ongoing. (see action FL-33)	N/A

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				FEMA HMGP				
6.19	Bank stabilization and bridge protection around Wells Avenue at Wells Ave Bridge.	Flooding	TRFMA	Sales tax, Flood District Rates, FEMA HMGP	24-48 months	Moderate	Ongoing. (see action FL-34)	N/A
6.20	Reno-Sparks Indian Colony Levee: This was an early action project involving the construction of an approximately 2,300 ft levee and floodwall. (Costs included in Element 19 Sparks Levees and Floodwalls: Glendale to Greg)	Flooding	TRFMA	Sales tax, Flood District Rates, FEMA HMGP	24-48 months	Moderate	Completed.	Reduces flooding risk to Reno-Sparks Indian Colony
6.21	Grand Sierra Floodwall: On the south (right) bank of the Truckee River a 3,000 foot long, 6 feet high floodwall would be built from Glendale to Greg Street. (Costs included in Element 19 Sparks Levees and Floodwalls: Glendale to Greg.)	Flooding	TRFMA	Sales tax, Flood District Rates, FEMA HMGP	24-48 months	Moderate	Ongoing. (see action FL-35)	N/A
6.22	Sparks Levees and Floodwalls Glendale to Greg: Replacement of the existing levee on the north bank with on-bank floodwalls to minimize construction and right-of-way impacts to the TMWA Glendale Water Treatment Plant. Trail can be incorporated into floodwall maintenance road.	Flooding	TRFMA	Sales tax, Flood District Rates, FEMA HMGP	24-48 months	Moderate	Ongoing. (see action FL-36)	N/A

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6.23	Mill Street Levee - Greg to Rock: Reduced south bank floodplain terracing with the associated levee move closer to the Truckee River. Reduces excavation costs and reduces impact the existing Pioneer Ditch. (Costs included in Element 19 Sparks Levees and Floodwalls: Glendale to Greg.)	Flooding	TRFMA	Sales tax, Flood District Rates, FEMA HMGP	24-48 months	Moderate	Ongoing. (see action FL-38)	N/A
6.24	Terracing Greg to Rock: Reduced terracing to reduce the amount of excavation and avoid the existing Pioneer Ditch. The terracing and associated levee are moved northward toward the Truckee River and levee ties into the McCarran Blvd bridge.	Flooding	TRFMA	Sales tax, Flood District Rates, FEMA HMGP	24-48 months	Moderate	Ongoing. (see action FL-38)	N/A
6.25	Rock Blvd Bridge: No bridge modifications. Levees/floodwalls and terracing will confine flood flows to existing bridge opening. Abutment and pier scour countermeasures may be required.	Flooding	TRFMA	Sales tax, Flood District Rates, FEMA HMGP	24-48 months	Moderate	Ongoing. (see action FL-39)	N/A
6.26	Mill Street Levee - Rock to McCarran: Reduced south bank floodplain terracing with the associated levee move closer to the Truckee River. Reduces excavation costs and reduces impact the existing Pioneer Ditch. Pioneer Ditch	Flooding	TRFMA	Sales tax, Flood District Rates, FEMA HMGP	24-48 months	Moderate	Ongoing. (see action FL-40)	N/A

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	will be piped to allow for use of the fill disposal area. (Cost included in Element 25 Sparks Levees and Floodwalls: Rock to McCarran)							
6.27	Terracing Rock to McCarran: Reduced terracing to reduce the amount of excavation and avoid the existing Pioneer Ditch. The terracing and associated levees are moved northward toward the Truckee River and levee ties into the Rock Blvd bridge. The land between Mill Street and the relocated levee can be used as a fill disposal site and reserved for future recreational use.	Flooding	TRFMA	Sales tax, Flood District Rates, FEMA HMGP	24-48 months	Moderate	Ongoing. (see action FL-41)	N/A
6.28	Sparks Levees and Floodwalls - Rock to McCarran: Replacement of the north bank levee with on-bank floodwalls to minimize impacts to existing properties and railroad spurs. Some minor terracing on the north bank. Fill localized low lying areas on the landside of the floodwall. Trail can be incorporated into floodwall maintenance road.	Flooding	TRFMA	Sales tax, Flood District Rates, FEMA HMGP	24-48 months	Moderate	Ongoing. (see action FL-42)	N/A
6.29	Terracing - Rock to Steamboat: Benching on north bank at Living River Parkway. Minimized terracing on south bank along Treatment Plant.	Flooding	TRFMA	Sales tax, Flood District Rates, FEMA HMGP	24-48 months	Moderate	Ongoing. (see action FL-43)	N/A



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	Remove existing buildings as necessary.							
6.30	East McCarran Blvd. Bridge: No bridge modifications. Levees/floodwalls and terracing will confine flood flows to existing bridge opening. Abutment and pier scour countermeasures may be required.	Flooding	TRFMA	Sales tax, Flood District Rates, FEMA HMGP	24-48 months	Moderate	Ongoing. (see action FL-44)	N/A
6.31	Main Station Farm Protection: Will flood proof select buildings and elevate the existing pads under the hay storage barns to keep hay dry. Main processing building is sufficiently elevated above flood waters. (Costs included in "Lands and Damages".)	Flooding	TRFMA	Sales tax, Flood District Rates, FEMA HMGP	24-48 months	Moderate	Ongoing. (see action FL-45)	N/A
6.32	Sparks Levees and Floodwalls - McCarran to Vista: Replacement of existing levee with on-bank floodwalls for approximately 20,000 feet east of McCarran to reduce overall footprint. Construction of levees for most of the remainder of the reach. Floodwall will be used in the vicinity of Larkin Circle to eliminate impacts to the roadway.	Flooding	TRFMA	Sales tax, Flood District Rates, FEMA HMGP	24-48 months	Moderate	Ongoing. (see action FL-46)	N/A
6.33	North Truckee Drain: Relocation of the terminus to align with the East Truckee Canyon. The infrastructure will	Flooding	TRFMA	Sales tax, Flood District Rates,	24-48 months	Moderate	Completed.	Reduces localized flooding risks at the old terminus of the drain

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	consists mostly of an underground box culvert.			FEMA HMGP				
6.34	Vista Narrows Widening: Expanded benching of the Narrows extending to the first railroad bridge.	Flooding	TRFMA	Sales tax, Flood District Rates, FEMA HMGP	24-48 months	Moderate	Ongoing. (see action FL-47)	N/A
6.35	Hidden Valley: Voluntary home elevation. An alternative may include floodproofing for certain residences in Hidden Valley. The method of floodproofing would probably vary from structure to structure, but all would be raised to at least the 100-year flood elevation.	Flooding	TRFMA	Sales tax, Flood District Rates, FEMA HMGP	24-48 months	Moderate	Ongoing. (see action FL-48)	N/A
6.36	Sparks Levees and Floodwalls - Rock to McCarran: Replacement of the north bank levee with on-bank floodwalls to minimize impacts to existing properties and railroad spurs. Some minor terracing on the north bank. Fill localized low lying areas on the landside of the floodwall. Trail can be incorporated into floodwall maintenance road.	Flooding	TRFMA	Sales tax, Flood District Rates, FEMA HMGP	24-48 months	Moderate	Ongoing. (see action FL-42)	N/A
6.37	Eastside Subdivision: Voluntary home elevation. Elevation of the buildings in the East Subdivision south of the Main Station Farm to above the 100-year floodwater level.	Flooding	TRFMA	Sales tax, Flood District Rates, FEMA HMGP	24-48 months	Moderate	Ongoing. (see action FL-50)	N/A

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6.38	Non-Voluntary Home Elevation/Mitigation: as required dependent upon further analysis.	Flooding	TRFMA	Sales tax, Flood District Rates, FEMA HMGP	24-48 months	Moderate	Ongoing.	N/A
6.39	Rainbow Bend Home Elevation: Non-Voluntary Home Elevation/Mitigation: as required dependent upon further analysis.	Flooding	TRFMA	Sales tax, Flood District Rates, FEMA HMGP	24-48 months	Moderate	Ongoing. (see action FL-52)	N/A
6.40	Wadsworth Non-Voluntary Home Elevation/Mitigation: as required dependent upon further analysis.	Flooding	TRFMA	Sales tax, Flood District Rates, FEMA HMGP	24-48 months	Moderate	Ongoing. (see action FL-53)	N/A
6.41	Update Truckee River Flood Inundation Maps.	Flooding	TRFMA	Sales tax, Flood District Rates, FEMA HMGP	24-48 months	High	Ongoing. (see action FL-54)	N/A
6.42	Evaluate warning systems – Seiche.	Earthquake	Washoe County Emergency Mgmt.	Local Gen. Fund, FEMA HMGP	24-48 months	Moderate	Ongoing. The County completed exercise and investigation of early warning systems at Lake Tahoe, but these were found to be cost prohibitive. The North Lake Tahoe Fire Protection District is	N/A

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							working to tie all warning systems into a new regional traffic control center. (see action EQ-11)	
7.1	Pandemic Influenza (from the 2005 objective titled: Continued Public Health Emergency management trainings and exercise.)	Infectious Disease	Washoe County Health District	CDC	Ongoing	Moderate	Cancelled.	N/A
7.2	Public notification for high risk disease events.	Infectious Disease	Washoe County Health District	CDC	Ongoing	Moderate	Cancelled. Not a mitigation action.	N/A
7.3	Continued Public Health emergency management trainings and exercises.	Infectious Disease	Washoe County Health District	CDC	Ongoing	Moderate	Cancelled.	N/A
9.2	Mitigation of risk of fire related to the Mt. Rose Wilderness Area.	Wildland Fire	Washoe County Emergency Mgmt. Truckee Meadows Fire Protection District	Local General Fund, NDEP, USEPA, NDF, USFS, PDM, HMGP	24-48 months	Moderate	Ongoing. The Truckee Meadows Fire Protection district is coordinating with the Forest Service on fuels management. Action has been rolled into mitigation action WF-14.	N/A
9.3	Coordination of fuels mitigation and management programs to creation defensible and survivable space, fire/fuel breaks, and increase community wildland fire awareness and participation.	Wildland Fire	Washoe County Emergency Mgmt. Truckee Meadows Fire	Local General Fund, NDEP, USEPA, NDF, USFS,	Ongoing	Moderate	Completed/Ongoing. Nevada Assembly Concurrent Resolution 4 in 2019 created a statewide committee that is conducting a two-	Reduces fuel loading on private property

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			Protection District Reno-Sparks Indian Colony Emergency Mgmt.	PDM, HMGP, BLM			year study related to wildfires and fuel management. The County has a chipping program and the "junk the juniper" program.	
9.4	Collaboration with residents in wildland fire prone areas to create evacuate plans for the community and hold evacuation drills at least every three years.	Wildland Fire	Washoe County Emergency Mgmt. Truckee Meadows Fire Protection District	Local General Fund, NDEP, USEPA, NDF, USFS, PDM, HMGP	Ongoing	Moderate	Completed/Ongoing. Updated evacuation plans have been prepared for Arrow Creek and Montroe, and evacuation drills are held every other year. A gate access review process is ongoing. Action has been rolled into action WF-16.	Increases community awareness
9.5	Adoption and enforcement of Fire, Building and Wildland Urban Interface Codes to provide ignition-resistant construction in medium, high and extreme high fire hazard rating areas, fuels mitigation and maintenance on private property, and community safety features such as residential fire sprinklers, and fire department access/egress routes.	Wildland Fire	Washoe County Emergency Mgmt. Truckee Meadows Fire Protection District	Local General Fund, NDEP, USEPA, NDF, USFS, PDM, HMGP	Ongoing	Moderate	Ongoing. TMFPD needs to adopt 2018 code. All other fire districts have adopted the 2018 code. (see action WF-13)	N/A
12.2	Seek funding to provide methodology and operational functionality to perform vulnerability analysis to	Energy Emergency	Washoe County Emergency Mgmt.	Local General Fund, DHS	Ongoing	High	Completed. Annual meeting and exercise held with pipeline owners.	Develops community partnerships and reduces risks of damage to pipeline infrastructure

Action Number	Action Item	Hazard(s) Addressed	Department / Division	Potential Funding Source	Implementation Timeline	Priority Level	2020 Status Update	Risk Reduction Summary
	determine areas of risk and/or vulnerability to pipeline. Leverage relationships with pipeline owner/operators to insure adequate maintenance and monitoring of pipeline infrastructure. (From the 2005 Objective titled "Analyze pipeline to determine areas of vulnerability")	Hazardous Materials Incident					Pipeline owners have provided location data to the County.	
12.3	Develop emergency bypass plan for loss of sewer Lift Stations services South Truckee Meadows Water Reclamation Facility	Flooding	Washoe County Community Services Department		Initiate	High	Ongoing. (see action FL-66)	N/A
12.4	Develop emergency response strategy for loss of Lemmon Valley Water Reclamation Facility due to flood or mechanical issue	Flooding	Washoe County Community Services Department		In Progress	Medium	Ongoing. Draft developed. (see action FL-15)	N/A

## City of Reno

Action Number	Action Item	Hazard(s) Addressed	Department / Division	Potential Funding Source	Implementation Timeline	Priority Level	2020 Status Update	Risk Reduction Summary
1.1	Enhance/Develop the Seasonal Multi-Hazard Public Awareness Program.	Multiple	All Jurisdiction's - Emergency Management Planning Committee Members	Local Gen. Fund, EMPG, HMGP, NV Health & Human Services, CDC, USFS	Ongoing	High	Cancelled.	Increases community awareness
1.2	Review/update the Master Plan to incorporate the RHMP.	Multiple	All Jurisdiction's - Community Development Emergency Mgmt.	Local Gen. Fund	36-48 months	Moderate	Completed/Ongoing. Master Plan development has begun, and necessary updates have been made. Many aspects of the Master Plan address hazard components. Final approval of plan is pending.	Integration of hazard mitigation principles into local comprehensive planning
1.3	Adopt IBC 2018 code.	Earthquake	All Jurisdictions - Community Development Building	Local Gen. Fund, USACE, PDM, HMGP	Ongoing	Moderate	Completed. 2018 code series adopted in 11/2018 for voluntary January 2019 date, and mandatory enforcement on July 1, 2019.	Increases level of protection from earthquake hazards for new buildings
2.1	Develop, enhance, and implement education programs aimed at mitigating natural hazard, and reducing the risk to citizens, public agencies, private property owners,	Multiple	All Jurisdiction's - Emergency Mgmt.	UNR Living w/Fire, BLM, USFS, NDF, SERC, EMPG,	Ongoing	Moderate	Completed/Ongoing. The City of Reno sponsors ongoing FEMA/ATC training and annual disaster preparedness expos. Wildland Urban Interface areas are identified to new developers and 2012 WUI requirements per NRS are	Increases community awareness

Action Number	Action Item	Hazard(s) Addressed	Department / Division	Potential Funding Source	Implementation Timeline	Priority Level	2020 Status Update	Risk Reduction Summary
	business, and schools.			Local Gen. Fund			implemented. Meetings with current HOA groups are held to provide guidance on creating defensible space and implementation of CWPP.	
2.3	Increase interagency coordination and corporation.	Multiple	All Jurisdiction's - Emergency Mgmt., Police, Fire, Public Works	Local Gen. Fund	Ongoing	Moderate	Completed/Ongoing. Technical Advisory Meeting for TMFMA, Regional Snow Operations Conference (NDOT, Washoe County, City of Reno – Interlocal agreement during severe winter storm events) .	Continues to develop community partnerships for response, recovery, and mitigation
4.2	Implement current TMWA Conservation Plan including encouraging transition to less water-intensive landscaping on both public and private properties.	Drought	All Jurisdictions – Water Utilities	Local Gen. Fund, Local Utility Charge, NDEP	Ongoing	High	Ongoing. (see action DT-2)	Not applicable (N/A)
5.1	Review and update the regional Earthquake Transportation Evacuation Routes and incorporate into appropriate planning documents.	Earthquake	All Jurisdiction's - Emergency Mgmt.	Local Gen. Fund	24-36 months	Moderate	Completed. Evacuation routes are listed in the region's evacuation and mass care plan as well as the recent debris management plan.	Reduces risk of losses following an earthquake



Action Number	Action Item	Hazard(s) Addressed	Department / Division	Potential Funding Source	Implementation Timeline	Priority Level	2020 Status Update	Risk Reduction Summary
5.2	Encourage seismic strength evaluations of critical facilities in the jurisdiction to identify vulnerabilities for mitigation of schools and community college, public infrastructure, and critical facilities to meet current seismic standards.	Earthquake	All Jurisdiction's - Sheriff, Police, Public Works, School District	Local Gen. Fund, PDM, HMGP, HUD	24-36 months	Moderate	Completed. The City of Reno sponsors ongoing FEMA/ATC training. Reno City Hall has had a preliminary analysis completed, which identified the need of seismic upgrades (adding dampers and improving column splices as well as non-structural upgrades). The City is currently contracting to complete a full analysis and design. Additionally, a FEMA mitigation grant application has been submitted to retrofit City Hall.	Increases community awareness
5.3	Encourage non-structural mitigation by increasing public awareness of earthquakes through wide distribution of newspaper supplements, booklets, brochures, etc. on what to do before, during, and after an earthquake.	Earthquake	All Jurisdiction's - Emergency Mgmt.	Local Gen. Fund, FEMA	24-36 months	Moderate	Completed/Ongoing. The City of Reno sponsors ongoing FEMA/ATC training. Informal discussions with local structural engineers for guidance on potential policy on URM retrofits.	Increases community awareness
5.4	Identify "at risk" buildings for retrofitting or	Earthquake	All Jurisdiction's -	Local Gen. Fund, PDM,	24-36 months	Moderate	Completed. 1400 URM buildings have been inspected and verified by Building Department map	Increases community awareness

Action Number	Action Item	Hazard(s) Addressed	Department / Division	Potential Funding Source	Implementation Timeline	Priority Level	2020 Status Update	Risk Reduction Summary
	eliminating life threatening buildings, particularly URMs.		Sheriff, Police, Public Works, School District	HMGP, HUD			created with Washoe County GIS Department to show building occupancies and potential for damage.	
5.5	Assess, repair, and/or replace infrastructure that may fail during earthquakes (e.g., Keystone Ave. Bridge).	Earthquake	All Jurisdiction's - Emergency Mgmt.	Local Gen. Fund, PDM, HMGP, HUD	24-36 months	Moderate	Ongoing. The City is currently assessing seismic retrofit needs for bridges owned and maintained by the City. (see action EQ-10)	N/A
6.76	Install back-up generators for critical infrastructure and facilities along with other measures (e.g., alarms, meters, remote controls, and switchgear upgrades).	Energy Emergency	All Jurisdictions	Local Gen. Fund, FEMA HMGP	48-60 months	Moderate	Completed. All critical facilities now have back-up generators installed.	Decreases vulnerability to energy emergencies
6.77	Drainage ditch improvements.	Flooding	All Jurisdictions	Local Gen. Fund, FEMA HMGP	48-60 months	Moderate	Ongoing. Washoe County has recently implemented a Ditch Master Plan project. (see project FL-9)	N/A
8.1	Encourage the private sector to prepare and maintain 3-day preparedness kits.	Multiple	All Jurisdictions- Emergency Mgmt.	Local General Fund, EMPG	Ongoing	Moderate	Completed/Ongoing. Part of ongoing public outreach activities.	Increases community awareness
8.2	Conduct outreach programs to build	Severe Storms	All Jurisdictions-	Local General	Ongoing	Moderate	Cancelled. No funding required.	N/A

Action Number	Action Item	Hazard(s) Addressed	Department / Division	Potential Funding Source	Implementation Timeline	Priority Level	2020 Status Update	Risk Reduction Summary
	resilience to severe storm hazards. (formerly 2005 action - Encourage homeowners to storm proof their buildings).		Emergency Mgmt.	Fund, EMPG				
9.1	Increase communication, coordination, and collaboration between wildland/urban interface property owners, local and county planners, and fire prevention crews and officials to address risks, existing mitigation measures, and federal assistance programs.	Wildland Fire	All Jurisdictions- Emergency Mgmt.	Local General Fund, NDEP, USEPA, NDF, USFS, PDM, HMGP, BLM	Ongoing	Moderate	Completed. As a part of development of a new Reno Vegetation Management Plan, the City has coordinated with the Desert Research Institute and the Nevada Department of Agriculture to remove highly flammable invasive species and replace with native species with low growth rates and lower fire hazard.	Reduces fuel loading on private properties
10.1	Coordinate communication between state and local jurisdictions regarding hazardous materials.	Hazardous Materials Incident Radiological Waste Transport	All Jurisdictions Emergency Mgmt, Building Department, Fire Department	Local General Fund, NDEP, USEPA	Ongoing	Moderate	Completed/Ongoing. MSDS sheets for occupancies in Reno are scanned into documentation and entries made into RMS database at time of fire inspection.	Develops community partnerships to prepare for and respond to incidents
11.1	Monitor radiological shipping campaigns that include Washoe County as an approved route.	Radiological Waste Transport	All Jurisdictions Emergency Mgmt,	Local General Fund, NDEP, USEPA	Ongoing	Moderate	Completed/Ongoing. Highway Patrol meets shippers at the border. Required by Nevada Revised Statutes.	Develops community partnerships to prepare for and respond to incidents

Action Number	Action Item	Hazard(s) Addressed	Department / Division	Potential Funding Source	Implementation Timeline	Priority Level	2020 Status Update	Risk Reduction Summary
			Sheriff/Police, Fire Department					
11.2	Coordinate communication between state and local jurisdictions for the transportation of radiological materials and waste.	Radiological Waste Transport	All Jurisdictions Emergency Mgmt, Sheriff/Police, Fire Department	Local General Fund, NDEP, USEPA	Ongoing	Moderate	Completed/Ongoing. Highway Patrol meets shippers at the border. Training session held last summer.	Develops community partnerships to prepare for and respond to incidents
12.1	Provide training for the public and private sectors to improve response, management, and intervention of WMD terrorism incidents.	Criminal Acts and Terrorism	All Jurisdictions Emergency Mgmt, Sheriff/Police, Fire Department	Local General Fund, DHS	Ongoing	Moderate	Cancelled. No longer considered a mitigation action.	Develops community partnerships to prepare for and respond to incidents
12.3	Increase law enforcement staff.	Criminal Acts and Terrorism	All Jurisdictions Sheriff/Police	Local General Fund, DHS	Ongoing	Moderate	Completed/Ongoing. Reno Police staff have increased since 2015. This is no longer considered a mitigation action.	N/A
2.2	Continue to reinforce/support the all-risk urban search and rescue program.	Multiple	City of Reno Fire Department	Local Gen. Fund	Ongoing	Moderate	Completed. Implemented regional USR team.	Develops community partnerships for disaster response
6.43	Mitigation of Risk Related to Flood Damage to Public Infrastructure –	Flooding	City of Reno Public Works	Local Gen. Fund, FEMA HMGP	24-48 months	Low	Completed. Culvert length and alignment shortened and bank stabilized.	Reduces localized flooding risks

Action Number	Action Item	Hazard(s) Addressed	Department / Division	Potential Funding Source	Implementation Timeline	Priority Level	2020 Status Update	Risk Reduction Summary
	Lawton Interceptor at Oxbow Park							
6.44	Mitigation of Risk Related to Flood Damage to Public Infrastructure and Private Property – Dant Wash Drainage Improvements	Flooding	City of Reno Public Works	Local Gen. Fund, FEMA HMGP	24-48 months	Low	Cancelled. Project has been adopted into the City's Long-Range CIP. Priority reduced to low. The City applied for a grant in 2015; the project cost made it prohibitive. Project will require land purchases. The Storm Water Utility will generate funding for project, which would carry over for all funding needs of flood mitigation projects.	N/A
6.45	Rosewood Wash Culvert and Channel Upgrades	Flooding	City of Reno Public Works	Local Gen. Fund, FEMA HMGP	24-48 months	Moderate	Ongoing. Phase 1 for project is in design. Future phases required to complete projects within entire watershed. (see action FL-10)	N/A
6.46	Virginia Street Bridge Utility Protection	Flooding	City of Reno Public Works	Local Gen. Fund, FEMA HMGP	24-48 months	Moderate	Completed. Virginia Street Bridge replaced.	Decreases risk of damage to or loss of utilities crossing the bridge
6.47	Cementary Drain Water Quality, Erosion Control, Drainage, and Sewer Improvements	Flooding	City of Reno Public Works	Local Gen. Fund, FEMA HMGP	24-48 months	High	Ongoing. Project at culvert has been completed. Projects in upper watershed require funding. (see action FL-11)	N/A

Action Number	Action Item	Hazard(s) Addressed	Department / Division	Potential Funding Source	Implementation Timeline	Priority Level	2020 Status Update	Risk Reduction Summary
6.48	Warren Estates Evaluation and Drainage Improvement Project	Flooding	City of Reno Public Works	Local Gen. Fund, FEMA HMGP	24-48 months	High	Ongoing. Phase 1 design has been completed. Phase 1 construction scheduled for 2020. Priority reduced to moderate. (see action FL-12)	N/A
6.49	4th and Stoker Storm Drain Improvements Phase 1	Flooding	City of Reno Public Works	Local Gen. Fund, FEMA HMGP	24-48 months	High	Completed. All project phases under construction with completion scheduled for Fall 2019.	Decreases localized flooding risks
6.50	Stead Culvert Replacement @ Silver Lk Rd	Flooding	City of Reno Public Works	Local Gen. Fund, FEMA HMGP	24-48 months	High	Cancelled. Project outlined in 5-year CIP. Priority reduced to moderate.	N/A
6.51	Truckee River Whitewater Park Repair Work	Flooding	City of Reno Public Works	Local Gen. Fund, FEMA HMGP	24-48 months	High	Completed.	Decreases flooding risks
6.52	Sadleir Southworth Area Storm Drain Improvements	Flooding	City of Reno Public Works	Local Gen. Fund, FEMA HMGP	24-48 months	High	Ongoing. (see action FL-61)	N/A
6.53	4th and Stoker SD Improvements Phase 2, including 7th/6th/Carlin and Stoker	Flooding	City of Reno Public Works	Local Gen. Fund, FEMA HMGP	24-48 months	High	Completed. All project phases under construction with completion in Fall 2019.	Decreases localized flooding risks

Action Number	Action Item	Hazard(s) Addressed	Department / Division	Potential Funding Source	Implementation Timeline	Priority Level	2020 Status Update	Risk Reduction Summary
6.54	Belford Drainage Overpass at Lake Ditch	Flooding	City of Reno Public Works	Local Gen. Fund, FEMA HMGP	24-48 months	Moderate	Ongoing. (see action FL-58)	N/A
6.55	Isbell Rd Cul de Sac Storm Drain Improvements	Flooding	City of Reno Public Works	Local Gen. Fund, FEMA HMGP	24-48 months	High	Ongoing. (see action FL-56)	N/A
6.56	Greenridge to Moore Lane Storm Drain Improvements	Flooding	City of Reno Public Works	Local Gen. Fund, FEMA HMGP	24-48 months	High	Ongoing. (see action FL-56)	N/A
6.57	Storm Drain Improvements between Mately and Terminal	Flooding	City of Reno Public Works	Local Gen. Fund, FEMA HMGP	24-48 months	Moderate	Cancelled. Project outlined in 5-year CIP. Priority reduced to low.	N/A
6.58	Highland Canal Erosion Issues at Putnam	Flooding	City of Reno Public Works	Local Gen. Fund, FEMA HMGP	24-48 months	Moderate	Cancelled. Project outlined in 5-year CIP. Priority reduced to low.	N/A
6.59	Double Diamond Levee Upgrades	Flooding	City of Reno Public Works	Local Gen. Fund, FEMA HMGP	24-48 months	Low	Ongoing. (see action FL-57)	N/A
6.60	Union Pacific Railroad at Link Rd	Flooding	City of Reno Public Works	Local Gen. Fund, FEMA HMGP	24-48 months	Moderate	Cancelled. Project outlined in 5-year CIP. Priority reduced to low.	N/A

Action Number	Action Item	Hazard(s) Addressed	Department / Division	Potential Funding Source	Implementation Timeline	Priority Level	2020 Status Update	Risk Reduction Summary
	Drainage Improvements							
6.61	Island 18 Culvert Upgrades	Flooding	City of Reno Public Works	Local Gen. Fund, FEMA HMGP	24-48 months	High	Ongoing. (see action FL-56)	N/A
6.62	Dant Bypass Structure and Channel Improvements	Flooding	City of Reno Public Works	Local Gen. Fund, FEMA HMGP	24-48 months	Moderate	Cancelled. Project outlined in 5-year CIP. Priority reduced to low.	N/A
6.63	Autumn Hills Flood Control	Flooding	City of Reno Public Works	Local Gen. Fund, FEMA HMGP	24-48 months	High	Ongoing. (see action FL-54)	N/A
6.64	University Drain/Edison Way Culvert Upgrades	Flooding	City of Reno Public Works	Local Gen. Fund, FEMA HMGP	24-48 months	High	Ongoing. (see action FL-56)	N/A
6.65	California Ave Storm Drain Replacement	Flooding	City of Reno Public Works	Local Gen. Fund, FEMA HMGP	24-48 months	High	Ongoing. (see action FL-56)	N/A
6.66	Irrigation Ditch Tributary Crossing Improvements	Flooding	City of Reno Public Works	Local Gen. Fund, FEMA HMGP	24-48 months	Moderate	Ongoing (see action FL-62)	N/A



Action Number	Action Item	Hazard(s) Addressed	Department / Division	Potential Funding Source	Implementation Timeline	Priority Level	2020 Status Update	Risk Reduction Summary
6.67	Aquila Ave/Krupp Circle Drainage Improvements	Flooding	City of Reno Public Works	Local Gen. Fund, FEMA HMGP	24-48 months	High	Ongoing (see action FL-64)	N/A
6.68	Thomas Creek at South Virginia between approximately Patriot and Gavian (US 395 interchange area).	Flooding	City of Reno Public Works	Local Gen. Fund, FEMA HMGP	24-48 months	High	Ongoing (see action FL-65)	N/A
6.69	Stead Storm Drain Improvements Ph 1	Flooding	City of Reno Public Works	Local Gen. Fund, FEMA HMGP	24-48 months	High	Ongoing (see action FL-63)	N/A
6.70	Wedekind Storm Drain Improvements	Flooding	City of Reno Public Works	Local Gen. Fund, FEMA HMGP	24-48 months	High	Ongoing (see action FL-56)	N/A

## City of Sparks

Action Number	Action Item	Hazard(s) Addressed	Department / Division	Potential Funding Source	Implementation Timeline	Priority Level	2019 Status Update	Risk Reduction Summary
1.1	Enhance/Develop the Seasonal Multi-Hazard Public Awareness Program.	Multiple	All Jurisdiction's - Emergency Management Planning Committee Members	Local Gen. Fund, EMPG, HMGP, NV Health & Human Services, CDC, USFS	Ongoing	High	Completed/Ongoing. The City participates in the Washoe County Awareness Program, Earthquake Awareness Week, and Flood Awareness Week, and recently completed an update of its Snow Plan. Sparks' Public Information Officer (PIO) maintains an active social media outreach.	Increases community awareness
1.2	Review/update the Master Plan to incorporate the RHMP.	Multiple	All Jurisdiction's - Community Development Emergency Mgmt.	Local Gen. Fund	36-48 months	Moderate	Completed. The City was an active participation in the master plan update for the Truckee Meadows. Sparks' Comprehensive Master Plan was updated October 2016.	Integration of hazard mitigation principles into local comprehensive planning
1.3	Adopt IBC 2018 code.	Earthquake	All Jurisdictions - Community Development Building	Local Gen. Fund, USACE, PDM, HMGP	Ongoing	Moderate	Completed. Approved by Sparks' City Council, effective 1 Jan 2019.	Increases level of protection from earthquake hazards for new buildings
2.1	Develop, enhance, and implement education programs aimed at mitigating natural hazard, and reducing the risk to citizens, public agencies, private property owners,	Multiple	All Jurisdiction's - Emergency Mgmt.	UNR Living w/Fire, BLM, USFS, NDF, SERC, EMPG, Local	Ongoing	Moderate	Completed/Ongoing. Sparks' PIO maintains an active social media campaign.	Increases community awareness

Action Number	Action Item	Hazard(s) Addressed	Department / Division	Potential Funding Source	Implementation Timeline	Priority Level	2019 Status Update	Risk Reduction Summary
	business, and schools.			Gen. Fund				
2.3	Increase interagency coordination and corporation.	Multiple	All Jurisdiction's - Emergency Mgmt., Police, Fire, Public Works	Local Gen. Fund	Ongoing	Moderate	Completed/Ongoing. Sparks participates in annual multi-jurisdictional training through the Regional Emergency Operations Center (EOC), DEM training, participate in regional emergency response exercise, e.g. Airport Authority.	Continues to develop community partnerships for response, recovery, and mitigation
4.2	Implement current TMWA Conservation Plan including encouraging transition to less water-intensive landscaping on both public and private properties.	Drought	All Jurisdictions - Water Utilities	Local Gen. Fund, Local Utility Charge, NDEP	Ongoing	High	Ongoing. TMWA Conservation Plan was adopted by the TMWA Board of Directors. (see action DT-2)	Not applicable (N/A)
5.1	Review and update the regional Earthquake Transportation Evacuation Routes and incorporate into appropriate planning documents.	Earthquake	All Jurisdiction's - Emergency Mgmt.	Local Gen. Fund	24-36 months	Moderate	Completed. Evacuation routes are listed in the region's evacuation and mass care plan as well as the recent debris management plan.	Reduces risk of losses following an earthquake
5.2	Encourage seismic strength evaluations of critical facilities in the jurisdiction to	Earthquake	All Jurisdiction's - Sheriff, Police, Public	Local Gen. Fund, PDM,	24-36 months	Moderate	Ongoing. Ongoing at TMWRF through the facility plan. (see action EQ-9)	N/A

Action Number	Action Item	Hazard(s) Addressed	Department / Division	Potential Funding Source	Implementation Timeline	Priority Level	2019 Status Update	Risk Reduction Summary
	identify vulnerabilities for mitigation of schools and community college, public infrastructure, and critical facilities to meet current seismic standards.		Works, School District	HMGP, HUD				
5.3	Encourage non-structural mitigation by increasing public awareness of earthquakes through wide distribution of newspaper supplements, booklets, brochures, etc. on what to do before, during, and after an earthquake.	Earthquake	All Jurisdiction's - Emergency Mgmt.	Local Gen. Fund, FEMA	24-36 months	Moderate	Completed/Ongoing. Sparks' PIO maintains an active social media campaign. Sparks has identified URM buildings for code updates during major modifications.	Increases community awareness
5.4	Identify "at risk" buildings for retrofitting or eliminating life threatening buildings, particularly URM's.	Earthquake	All Jurisdiction's - Sheriff, Police, Public Works, School District	Local Gen. Fund, PDM, HMGP, HUD	24-36 months	Moderate	Ongoing. Sparks has identified URM buildings for code updates during major modifications. (see action EQ-9)	N/A
5.5	Assess, repair, and/or replace infrastructure that may fail during	Earthquake	All Jurisdiction's - Emergency Mgmt.	Local Gen. Fund, PDM,	24-36 months	Moderate	Ongoing. Ongoing coordination with the State Engineer on high-hazard dam permits. (see action EQ-10)	N/A

Action Number	Action Item	Hazard(s) Addressed	Department / Division	Potential Funding Source	Implementation Timeline	Priority Level	2019 Status Update	Risk Reduction Summary
	earthquakes (e.g., Keystone Ave. Bridge).			HMGP, HUD				
6.76	Install back-up generators for critical infrastructure and facilities along with other measures (e.g., alarms, meters, remote controls, and switchgear upgrades).	Energy Emergency	All Jurisdictions	Local Gen. Fund, FEMA HMGP	48-60 months	Moderate	Ongoing. Backup generator installed at the Sparks Corporation Yard and the Police Station. Generator quick-connections were installed at TMWRF. (see action EE-5)	N/A
6.77	Drainage ditch improvements.	Flooding	All Jurisdictions	Local Gen. Fund, FEMA HMGP	48-60 months	Moderate	Ongoing. North Truckee Drain realignment complete in 2018. Reach 9 Phase 1 in North-East Sparks is under construction. (see action FL-9)	N/A
8.1	Encourage the private sector to prepare and maintain 3-day preparedness kits.	Multiple	All Jurisdictions-Emergency Mgmt.	Local General Fund, EMPG	Ongoing	Moderate	Completed/Ongoing. Sparks' PIO maintains an active social media presence.	Increases community awareness
8.2	Conduct outreach programs to build resilience to severe storm hazards. (formerly 2005 action - Encourage homeowners to storm proof their buildings).	Severe Storms	All Jurisdictions-Emergency Mgmt.	Local General Fund, EMPG	Ongoing	Moderate	Completed/Ongoing. Active communication plan with landowners in the Sparks industrial area south of I-80 for flood preparedness and flood proofing.	Increases community awareness

Action Number	Action Item	Hazard(s) Addressed	Department / Division	Potential Funding Source	Implementation Timeline	Priority Level	2019 Status Update	Risk Reduction Summary
9.1	Increase communication, coordination, and collaboration between wildland/urban interface property owners, local and county planners, and fire prevention crews and officials to address risks, existing mitigation measures, and federal assistance programs.	Wildland Fire	All Jurisdictions-Emergency Mgmt.	Local General Fund, NDEP, USEPA, NDF, USFS, PDM, HMGP, BLM	Ongoing	Moderate	Completed/Ongoing. Sparks has adopted the 2018 WUI Code.	Increases community awareness
10.1	Coordinate communication between state and local jurisdictions regarding hazardous materials.	Hazardous Materials Incident Radiological Waste Transport	All Jurisdictions Emergency Mgmt, Building Department, Fire Department	Local General Fund, NDEP, USEPA	Ongoing	Moderate	Completed/Ongoing. Sparks relies on state agencies for coordination through the Sparks Fire Department.	Develops community partnerships to prepare for and respond to incidents
11.1	Monitor radiological shipping campaigns that include Washoe County as an approved route.	Radiological Waste Transport	All Jurisdictions Emergency Mgmt, Sheriff/Police, Fire Department	Local General Fund, NDEP, USEPA	Ongoing	Moderate	Completed/Ongoing. Sparks coordinates through State and Federal agencies.	Develops community partnerships to prepare for and respond to incidents
11.2	Coordinate communication between state and local jurisdictions for	Radiological Waste Transport	All Jurisdictions Emergency Mgmt,	Local General Fund,	Ongoing	Moderate	Completed/Ongoing. Sparks coordinates through State and Federal agencies.	Develops community partnerships to prepare for and respond to incidents

Action Number	Action Item	Hazard(s) Addressed	Department / Division	Potential Funding Source	Implementation Timeline	Priority Level	2019 Status Update	Risk Reduction Summary
	the transportation of radiological materials and waste.		Sheriff/Police, Fire Department	NDEP, USEPA				
12.1	Provide training for the public and private sectors to improve response, management, and intervention of WMD terrorism incidents.	Criminal Acts and Terrorism	All Jurisdictions Emergency Mgmt, Sheriff/Police, Fire Department	Local General Fund, DHS	Ongoing	Moderate	Completed/Ongoing. Remains a need to coordinate through Homeland Security.	Develops community partnerships to prepare for and respond to incidents
12.3	Increase law enforcement staff.	Criminal Acts and Terrorism	All Jurisdictions Sheriff/Police	Local General Fund, DHS	Ongoing	Moderate	Completed/Ongoing. Increase in staffing identified in the FY-20 budget.	Increases local capacity to respond to incidents
6.71	North Truckee River Drain Replacement	Flooding	City of Sparks Public Works	Local Gen. Fund, FEMA HMGP	24-48 months	Moderate	Completed.	Increases flow capacity of the drain
6.72	Implement Stormwater Plan (e.g., projects for storm drains, catch basins, surveys, etc.)	Flooding	City of Sparks Public Works	Local Gen. Fund, FEMA HMGP	24-48 months	Moderate	Completed. Stormwater Plan is updated annually through the CIP process.	Decreases localized flooding risks

## Reno-Sparks Indian Colony

Action Number	Action Item	Hazard(s) Addressed	Department / Division	Potential Funding Source	Implementation Timeline	Priority Level	2020 Status Update	Risk Reduction Summary
1.1	Enhance/Develop the Seasonal Multi-Hazard Public Awareness Program.	Multiple	All Jurisdiction's - Emergency Management Planning Committee Members	Local Gen. Fund, EMPG, HMGP, NV Health & Human Services, CDC, USFS	Ongoing	High	Completed/Ongoing.	Increases community awareness
1.2	Review/update the Master Plan to incorporate the RHMP.	Multiple	All Jurisdiction's - Community Development Emergency Mgmt.	Local Gen. Fund	36-48 months	Moderate	Completed/Ongoing. Hazard mitigation principles are included in the Tribe's 2016 Strategic Plan and will be included in future updates of the plan.	Integration of hazard mitigation principles into local comprehensive planning
1.3	Adopt IBC 2018 code.	Earthquake	All Jurisdictions - Community Development Building	Local Gen. Fund, USACE, PDM, HMGP	Ongoing	Moderate	Ongoing. (see action AH-6)	Not applicable (N/A)
2.1	Develop, enhance, and implement education programs aimed at mitigating natural hazard, and reducing the risk to citizens, public agencies, private	Multiple	All Jurisdiction's - Emergency Mgmt.	UNR Living w/Fire, BLM, USFS, NDF, SERC, EMPG,	Ongoing	Moderate	Completed/Ongoing.	Increases community awareness



Action Number	Action Item	Hazard(s) Addressed	Department / Division	Potential Funding Source	Implementation Timeline	Priority Level	2020 Status Update	Risk Reduction Summary
	property owners, business, and schools.			Local Gen. Fund				
2.3	Increase interagency coordination and corporation.	Multiple	All Jurisdiction's - Emergency Mgmt., Police, Fire, Public Works	Local Gen. Fund	Ongoing	Moderate	Completed/Ongoing.	Continues to develop community partnerships for response, recovery, and mitigation
4.2	Implement current TMWA Conservation Plan including encouraging transition to less water-intensive landscaping on both public and private properties.	Drought	All Jurisdictions – Water Utilities	Local Gen. Fund, Local Utility Charge, NDEP	Ongoing	High	Ongoing. (see action DT-2)	N/A
5.1	Review and update the regional Earthquake Transportation Evacuation Routes and incorporate into appropriate planning documents.	Earthquake	All Jurisdiction's - Emergency Mgmt.	Local Gen. Fund	24-36 months	Moderate	Complete. Evacuation routes are listed in the region's evacuation and mass care plan as well as the recent debris management plan. The Tribe has established evacuation routes and maps and installed markers and signage for evacuation routes and alternate routes. Improvements to evacuation routes are included as action EQ-12.	Reduces risk of losses following an earthquake

Action Number	Action Item	Hazard(s) Addressed	Department / Division	Potential Funding Source	Implementation Timeline	Priority Level	2020 Status Update	Risk Reduction Summary
5.2	Encourage seismic strength evaluations of critical facilities in the jurisdiction to identify vulnerabilities for mitigation of schools and community college, public infrastructure, and critical facilities to meet current seismic standards.	Earthquake	All Jurisdiction's - Sheriff, Police, Public Works, School District	Local Gen. Fund, PDM, HMGP, HUD	24-36 months	Moderate	Ongoing. The Reno Gym has been identified as a shelter and may benefit from retrofit. (see action EQ-9)	N/A
5.3	Encourage non-structural mitigation by increasing public awareness of earthquakes through wide distribution of newspaper supplements, booklets, brochures, etc. on what to do before, during, and after an earthquake.	Earthquake	All Jurisdiction's - Emergency Mgmt.	Local Gen. Fund, FEMA	24-36 months	Moderate	Completed/Ongoing. The Housing Department has provided straps and related tools to encourage non-structural mitigation. Rental properties have been retrofitted with straps. The Tribe provides funding for housing improvements for elders, and this funding could be used for retrofits.	Increases community awareness
5.4	Identify "at risk" buildings for retrofitting or eliminating life threatening buildings, particularly URMs.	Earthquake	All Jurisdiction's - Sheriff, Police, Public Works, School District	Local Gen. Fund, PDM, HMGP, HUD	24-36 months	Moderate	Ongoing. (see action EQ-9)	N/A

Action Number	Action Item	Hazard(s) Addressed	Department / Division	Potential Funding Source	Implementation Timeline	Priority Level	2020 Status Update	Risk Reduction Summary
5.5	Assess, repair, and/or replace infrastructure that may fail during earthquakes (e.g., Keystone Ave. Bridge).	Earthquake	All Jurisdiction's - Emergency Mgmt.	Local Gen. Fund, PDM, HMGP, HUD	24-36 months	Moderate	Ongoing. This work is handled under the prescribed maintenance program under Public Works.	N/A
6.76	Install back-up generators for critical infrastructure and facilities along with other measures (e.g., alarms, meters, remote controls, and switchgear upgrades).	Energy Emergency	All Jurisdictions	Local Gen. Fund, FEMA HMGP	48-60 months	Moderate	Ongoing. The Reno-Sparks Indian Colony (RSIC) is planning to install generators at the clinic, gym, and senior center. These projects have not been approved yet. The Hungry Valley gym may require an additional generator. A generator has been installed for the Information Technology department. (see action EE-5)	N/A
6.77	Drainage ditch improvements.	Flooding	All Jurisdictions	Local Gen. Fund, FEMA HMGP	48-60 months	Moderate	Ongoing. This is intended to be an assessment of culverts and flow rates in Hungry Valley. Culverts need to be enlarged and the road raised. Public Works dug a new drainage to divert flows near a pump house and cemetery. Public Works is clearing culverts and clears debris following storms. (see action FL-9)	N/A
8.1	Encourage the private sector to prepare and	Multiple	All Jurisdictions-	Local General	Ongoing	Moderate	Completed/Ongoing. Outreach and awareness	Increases community awareness

Action Number	Action Item	Hazard(s) Addressed	Department / Division	Potential Funding Source	Implementation Timeline	Priority Level	2020 Status Update	Risk Reduction Summary
	maintain 3-day preparedness kits.		Emergency Mgmt.	Fund, EMPG			activities held multiple times per year.	
8.2	Conduct outreach programs to build resilience to severe storm hazards. (formerly 2005 action - Encourage homeowners to storm proof their buildings).	Severe Storms	All Jurisdictions- Emergency Mgmt.	Local General Fund, EMPG	Ongoing	Moderate	Completed/Ongoing.	Increases community awareness
9.1	Increase communication, coordination, and collaboration between wildland/ urban interface property owners, local and county planners, and fire prevention crews and officials to address risks, existing mitigation measures, and federal assistance programs.	Wildland Fire	All Jurisdictions- Emergency Mgmt.	Local General Fund, NDEP, USEPA, NDF, USFS, PDM, HMGP, BLM	Ongoing	Moderate	Completed/Ongoing.	Increases community awareness
10.1	Coordinate communication between state and local jurisdictions regarding hazardous materials.	Hazardous Materials Incident Radiological Waste Transport	All Jurisdictions Emergency Mgmt, Building Department, Fire Department	Local General Fund, NDEP, USEPA	Ongoing	Moderate	Completed/Ongoing. WCHD has been working with radiological teams at the state to understand radiological incidents better. A Centers for Disease Control game exercise has been scheduled. The State has a HazMat permitting	Develops community partnerships to prepare for and respond to incidents

Action Number	Action Item	Hazard(s) Addressed	Department / Division	Potential Funding Source	Implementation Timeline	Priority Level	2020 Status Update	Risk Reduction Summary
							process; however, funding is needed to allow coordination between local agencies and the state fire marshal.	
11.1	Monitor radiological shipping campaigns that include Washoe County as an approved route.	Radiological Waste Transport	All Jurisdictions Emergency Mgmt, Sheriff/Police, Fire Department	Local General Fund, NDEP, USEPA	Ongoing	Moderate	Completed/Ongoing. Highway Patrol meets shippers at the border. Required by Nevada Revised Statutes (NRS).	Develops community partnerships to prepare for and respond to incidents
11.2	Coordinate communication between state and local jurisdictions for the transportation of radiological materials and waste.	Radiological Waste Transport	All Jurisdictions Emergency Mgmt, Sheriff/Police, Fire Department	Local General Fund, NDEP, USEPA	Ongoing	Moderate	Completed/Ongoing. Required by NRS. The Local Emergency Planning Committee and HazMat Triad conducting training.	Develops community partnerships to prepare for and respond to incidents
12.1	Provide training for the public and private sectors to improve response, management, and intervention of WMD terrorism incidents.	Criminal Acts and Terrorism	All Jurisdictions Emergency Mgmt, Sheriff/Police, Fire Department	Local General Fund, DHS	Ongoing	Moderate	Completed. CERT and Washoe County deputies hold trainings for the public on how to prepare for terrorist attack and terrorism liaison training with security chiefs and the private sector.	Increases community awareness
12.3	Increase law enforcement staff.	Criminal Acts and Terrorism	All Jurisdictions Sheriff/Police	Local General Fund, DHS	Ongoing	Moderate	Cancelled. This is no longer considered a mitigation action.	N/A
2.4	Obtain and implement community warning system.	Multiple	Reno-Sparks Indian Colony Emergency Management	Local Gen. Fund, CDBG	12 to 24 months	Moderate	Ongoing. RAVE Mobile Safety (text based) warning system has been implemented, and the Tribe maintains a social media presence to relay warning	Increases community awareness

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							information. The Tribal Council has approved an audible system, but this has not been installed to-date. (see action AH-7)	
2.5	Implement and activate an Emergency Operations Center (EOC).	Multiple	Reno-Sparks Indian Colony Emergency Management	Local Gen. Fund, CDBG, AFG	12-36 months	Moderate	Ongoing. Potential EOC sites include the Public Works conference room and a Hungry Valley site. The Tribal health center has been identified as a back up, but has no back-up power. Generators would be needed for the EOC sites. (see action AH-8)	N/A
2.6	Implement and/or utilize Community Emergency Response Teams (CERT) as well as the Citizens Homeland Security Council (CHSC) to shift burden from sworn officers, where appropriate.	Multiple	Washoe County Emergency Mgmt. Reno-Sparks Indian Colony Pyramid Lake Paiute Tribe	Local General Fund, DHS	Ongoing	Moderate	Cancelled. No longer considered a mitigation action.	N/A
4.1	Property Protection: Drought – improve water supply; Hungry Valley monitoring of water levels.	Drought	Reno-Sparks Indian Colony Emergency Management	Local Gen. Fund, CDBG, USDA, EPA, State Revolving Funds	24 to 60 months	Moderate	Ongoing. (see action DT-3)	N/A

Action Number	Action Item	Hazard(s) Addressed	Department / Division	Potential Funding Source	Implementation Timeline	Priority Level	2020 Status Update	Risk Reduction Summary
6.74	Structural projects: Culvert Maintenance	Flooding	Reno-Sparks Indian Colony Public Works	Local Gen. Fund, FEMA HMGP	24-48 months	Low	Ongoing. (see action FL-14)	N/A
6.75	Structural projects : Drainage System Maintenance	Flooding	Reno-Sparks Indian Colony Public Works	Local Gen. Fund, FEMA HMGP	24-48 months	Low	Ongoing. (see action FL-14)	N/A
9.3	Coordination of fuels mitigation and management programs to creation defensible and survivable space, fire/fuel breaks, and increase community wildland fire awareness and participation.	Wildland Fire	Washoe County Emergency Mgmt. Truckee Meadows Fire Protection District Reno-Sparks Indian Colony Emergency Mgmt.	Local General Fund, NDEP, USEPA, NDF, USFS, PDM, HMGP, BLM	Ongoing	Moderate	Ongoing. BLM performed fuels mitigation in Hungry Valley. The Planning Department had the area mowed again last year and plans to mow this year as well. Combustable fuels (mustard, cheat grass) will die off after five years of mowing, mitigating the problem. (see action WF-17)	N/A

## Pyramid Lake Paiute Tribe

Action Number	Action Item	Hazard(s) Addressed	Department / Division	Potential Funding Source	Implementation Timeline	Priority Level	2020 Status Update	Risk Reduction Summary
1.1	Enhance/Develop the Seasonal Multi-Hazard Public Awareness Program.	Multiple	All Jurisdiction's - Emergency Management Planning Committee Members	Local Gen. Fund, EMPG, HMGP, NV Health & Human Services, CDC, USFS	Ongoing	High	Completed/Ongoing. Ongoing progress with various hazards focused on each month.	Increases community awareness
1.2	Review/update the Master Plan to incorporate the RHMP.	Multiple	All Jurisdiction's - Community Development Emergency Mgmt.	Local Gen. Fund	36-48 months	Moderate	Cancelled. No longer considered a mitigation action; will be completed as part of regular planning cycles.	Not applicable (N/A)
1.3	Adopt IBC 2018 code.	Earthquake	All Jurisdictions - Community Development Building	Local Gen. Fund, USACE, PDM, HMGP	Ongoing	Moderate	Completed.	Increases level of protection from earthquake hazards for new buildings
2.1	Develop, enhance, and implement education programs aimed at mitigating natural hazard, and reducing the risk to citizens, public agencies, private property owners,	Multiple	All Jurisdiction's - Emergency Mgmt.	UNR Living w/Fire, BLM, USFS, NDF, SERC, EMPG, Local	Ongoing	Moderate	Completed/Ongoing. Ongoing progress with various hazards focused on each month.	Increases community awareness



Action Number	Action Item	Hazard(s) Addressed	Department / Division	Potential Funding Source	Implementation Timeline	Priority Level	2020 Status Update	Risk Reduction Summary
	business, and schools.			Gen. Fund				
2.3	Increase interagency coordination and corporation.	Multiple	All Jurisdiction's - Emergency Mgmt., Police, Fire, Public Works	Local Gen. Fund	Ongoing	Moderate	Completed/Ongoing. No longer considered a mitigation action.	Continues to develop community partnerships for response, recovery, and mitigation
4.2	Implement current TMWA Conservation Plan including encouraging transition to less water-intensive landscaping on both public and private properties.	Drought	All Jurisdictions – Water Utilities	Local Gen. Fund, Local Utility Charge, NDEP	Ongoing	High	Ongoing. (see action DT-2)	N/A
5.1	Review and update the regional Earthquake Transportation Evacuation Routes and incorporate into appropriate planning documents.	Earthquake	All Jurisdiction's - Emergency Mgmt.	Local Gen. Fund	24-36 months	Moderate	Completed. Evacuation routes are listed in the region's evacuation and mass care plan as well as the recent debris management plan.	Reduces risk of losses following an earthquake
5.2	Encourage seismic strength evaluations of critical facilities in the jurisdiction to identify vulnerabilities for	Earthquake	All Jurisdiction's - Sheriff, Police, Public Works,	Local Gen. Fund, PDM, HMGP, HUD	24-36 months	Moderate	Ongoing. (see action EQ-9)	N/A

Action Number	Action Item	Hazard(s) Addressed	Department / Division	Potential Funding Source	Implementation Timeline	Priority Level	2020 Status Update	Risk Reduction Summary
	mitigation of schools and community college, public infrastructure, and critical facilities to meet current seismic standards.		School District					
5.3	Encourage non-structural mitigation by increasing public awareness of earthquakes through wide distribution of newspaper supplements, booklets, brochures, etc. on what to do before, during, and after an earthquake.	Earthquake	All Jurisdiction's - Emergency Mgmt.	Local Gen. Fund, FEMA	24-36 months	Moderate	Ongoing. No longer considered a mitigation action.	N/A
5.4	Identify "at risk" buildings for retrofitting or eliminating life threatening buildings, particularly URM's.	Earthquake	All Jurisdiction's - Sheriff, Police, Public Works, School District	Local Gen. Fund, PDM, HMGP, HUD	24-36 months	Moderate	Ongoing. (see action EQ-9)	N/A
5.5	Assess, repair, and/or replace infrastructure that may fail during earthquakes (e.g.,	Earthquake	All Jurisdiction's - Emergency Mgmt.	Local Gen. Fund, PDM, HMGP, HUD	24-36 months	Moderate	Ongoing. (see action EQ-10)	N/A

Action Number	Action Item	Hazard(s) Addressed	Department / Division	Potential Funding Source	Implementation Timeline	Priority Level	2020 Status Update	Risk Reduction Summary
	Keystone Ave. Bridge).							
6.76	Install back-up generators for critical infrastructure and facilities along with other measures (e.g., alarms, meters, remote controls, and switchgear upgrades).	Energy Emergency	All Jurisdictions	Local Gen. Fund, FEMA HMGP	48-60 months	Moderate	Ongoing. (see action EE-5)	N/A
6.77	Drainage ditch improvements.	Flooding	All Jurisdictions	Local Gen. Fund, FEMA HMGP	48-60 months	Moderate	Ongoing. (see action FL-9)	N/A
8.1	Encourage the private sector to prepare and maintain 3-day preparedness kits.	Multiple	All Jurisdictions- Emergency Mgmt.	Local General Fund, EMPG	Ongoing	Moderate	Cancelled.	N/A
8.2	Conduct outreach programs to build resilience to severe storm hazards. (formerly 2005 action - Encourage homeowners to storm proof their buildings).	Severe Storms	All Jurisdictions- Emergency Mgmt.	Local General Fund, EMPG	Ongoing	Moderate	Cancelled.	N/A
9.1	Increase communication, coordination, and collaboration	Wildland Fire	All Jurisdictions- Emergency Mgmt.	Local General Fund, NDEP,	Ongoing	Moderate	Ongoing. No longer considered a mitigation action.	Increases community awareness

Action Number	Action Item	Hazard(s) Addressed	Department / Division	Potential Funding Source	Implementation Timeline	Priority Level	2020 Status Update	Risk Reduction Summary
	between wildland/urban interface property owners, local and county planners, and fire prevention crews and officials to address risks, existing mitigation measures, and federal assistance programs.			USEPA, NDF, USFS, PDM, HMGP, BLM				
10.1	Coordinate communication between state and local jurisdictions regarding hazardous materials.	Hazardous Materials Incident Radiological Waste Transport	All Jurisdictions Emergency Mgmt, Building Department, Fire Department	Local General Fund, NDEP, USEPA	Ongoing	Moderate	Completed/Ongoing.	Develops community partnerships to prepare for and respond to incidents
11.1	Monitor radiological shipping campaigns that include Washoe County as an approved route.	Radiological Waste Transport	All Jurisdictions Emergency Mgmt, Sheriff/Police, Fire Department	Local General Fund, NDEP, USEPA	Ongoing	Moderate	Completed/Ongoing.	Develops community partnerships to prepare for and respond to incidents
11.2	Coordinate communication between state and local jurisdictions for the transportation of radiological materials and waste.	Radiological Waste Transport	All Jurisdictions Emergency Mgmt, Sheriff/Police, Fire Department	Local General Fund, NDEP, USEPA	Ongoing	Moderate	Completed/Ongoing.	Develops community partnerships to prepare for and respond to incidents

Action Number	Action Item	Hazard(s) Addressed	Department / Division	Potential Funding Source	Implementation Timeline	Priority Level	2020 Status Update	Risk Reduction Summary
12.1	Provide training for the public and private sectors to improve response, management, and intervention of WMD terrorism incidents.	Criminal Acts and Terrorism	All Jurisdictions Emergency Mgmt, Sheriff/Police, Fire Department	Local General Fund, DHS	Ongoing	Moderate	Cancelled.	N/A
12.3	Increase law enforcement staff.	Criminal Acts and Terrorism	All Jurisdictions Sheriff/Police	Local General Fund, DHS	Ongoing	Moderate	Cancelled.	N/A
2.6	Implement and/or utilize Community Emergency Response Teams (CERT) as well as the Citizens Homeland Security Council (CHSC) to shift burden from sworn officers, where appropriate.	Multiple	Washoe County Emergency Mgmt. Reno-Sparks Indian Colony Emergency Pyramid Lake Paiute Tribe	Local General Fund, DHS	Ongoing	Moderate	Cancelled. No longer considered a mitigation action.	N/A
6.73	Mitigate where water enters the reservoir to the dam (retention, dry basins).	Flooding	Pyramid Lake Paiute Tribe Public Works	Local Gen. Fund, FEMA HMGP	24-48 months	Moderate	Cancelled.	N/A