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MEMORANDUM City Manager's Office

DATE: April 29, 2026

TO: Rachelle Plas, Infrastructure Engineering Manager; CRS Coordinator
Allison Schaub-DiRosa, Civil Engineer
Martin Postma, Principal Planner
Ryan Doyle, Emergency Manager

CC: Mayor and Council
Brett Henry, Assistant City Manager
Emily Hunt, Executive Director of Utilities and Infrastructure
Jason O'Shea, City Development Director
Stephen Kelley, Fire Chief

FROM: Tansy Hayward, City Manager Initial
TH

SUBJECT: Approval of April 2026 Review of 2023 Hazard Mitigation Actions

I have reviewed the April 2026 assessment of the Hazard Mitigation Actions identified in the 2023 Hazard Mitigation Plan. This annual review is performed to maintain the City's rating in the Community Rating System (CRS). The City's Hazard Mitigation Plan is reviewed annually and is scheduled to be replaced in 2028.

To the best of my knowledge, this review was done in a manner that meets the requirements of the flood insurance review application and was performed in the best interests of the City of Thornton and its residents. The review meets my approval.

Please post this memo and the review listed below on the City's website for public access and review. By copy of this memo, the Thornton City Council is hereby advised that the review was completed.

Thank you.

#	Title and Description	Hazards Mitigated	Lead Agency & Partners	2026 Status & Implementation Notes
TH 1	104th & GHC South Tributary. Reconstruct culvert and/or raise roadway east of Irma Drive intersection to provide 100-year conveyance.	Flood	City of Thornton;	Not Started - Will require coordination with Northglenn. Not currently funded by either city.
TH 2	112th & Cherry Street Area. Reconstruct/expand storm sewer system to remove homes from the floodplain.	Flood	City of Thornton;	In Progress - Masterplan still in progress.
TH 3	136th Ave to Washington St on Big Dry Creek. Realign channel, grade north of channel, reconstruct Washington Street south of channel to contain 100-year flows. Remove developable properties north of the channel from the floodplain; minimize flooding on property west of the channel. See Big Dry Creek MDP – pg. 11 for reach in question.	Flood	City of Thornton; adjacent developments	Not Started - Business Development is considering future funding for an engineering masterplan specifically for this reach for preliminary design. Not funded in 2026 CIP.
TH 4	Create and Adopt Major Transportation Route Incident Response Plans. Create and adopt an Incident Response Plan for the major traffic corridors and highways throughout the city, so that city staff can reference proper protocol when dealing with hazard events that impact those roadways. This will involve coordinate with CDOT and other jurisdictions to obtain best available data.	Drought, Earthquake, Flood, Expansive Soils/ Undermined Areas, Severe Storms, Public Health Hazards, Tornado/ Severe Wind, Winter Storm, Wildland Fire	City of Thornton; RTD, CDOT, State Patrol, other Fire Agencies	Not Started – Project has been delayed due to limited staffing capacity, lower prioritization, and the absence of identified funding, stakeholder engagement, and policy support.

<p>TH 5</p>	<p>Installation of Advanced Metering Infrastructure. Advanced metering infrastructure (AMI) is an integrated system of smart water meters, communications networks, and data management systems that enables two-way communication between utilities and customers. The system allows real-time access to water usage information at each water meter and allows customers and Thornton to better manage water usage, detect water leaks, and operate the water distribution system. Currently, water usage is measured and recorded monthly. AMI is particularly beneficial in conservation efforts and during a drought. Usage restrictions or conservation efforts can be instantly measured, and quick actions can be taken to modify water usage.</p>	<p>Drought</p>	<p>City of Thornton;</p>	<p>In Progress - AMI project was implemented in June 2025 however not contractually completed yet. We use the system daily for meter readings/usage/billing but still have some small areas of the city that do not have meter reading coverage. For those areas we deploy the meter reading vehicle to gather readings. We are also working with our contractor to either install additional poles to attach the instruments that receive readings or install cellular ERTs (meter reading frequency) to the meters.</p>
<p>TH 6</p>	<p>Big Dry Creek at RTD (UPRR) Railroad Embankment. Construct engineered headwall, new pipe culvert, and additional culverts through the railroad embankment to prevent overtopping of 168th Avenue west of the railroad, west of Colorado. The additional culverts will need to be controlled by a high spillway to avoid creating downstream floods in minor, much less moderate storms, that hasn't occurred since the embankment and current culvert were constructed in 1956.</p>	<p>Flood</p>	<p>City of Thornton; Regional Transportation District</p>	<p>Not Started - This project likely will not occur until RTD extends the N-Line to the proposed SH-7 station, or annexation of Weld County property. This is not in the long range Storm Water Utility CIP projection.</p>
<p>TH 7</p>	<p>Big Dry Creek Sanitary Sewer Interceptor. Reconstruct, seal, and/or raise manholes in the railroad backwater area to prevent flood flows that pond against the embankment from overwhelming the BDC Lift station on the east side of Colorado.</p>	<p>Flood</p>	<p>City of Thornton</p>	<p>Complete - In addition to adding a new, parallel sewer line with raised and sealed manholes, we raised, replaced, and resealed (internally lined) all existing manholes along this corridor.</p>

TH 8	<p>Continuity of Operations Training for Local Businesses. The project would include a public education/ training session, material development, and general assistance in the development of business continuity plans.</p>	All-hazards	Economic Development and Risk Management; Neighborhood Services	<p>Complete – Business Continuity Workshop was held in June 2025 in coordination with the Thornton Alliance Business Center, Small Business Administration, and the Non-Profit Score Organization to include an online webinar, materials, and assistance in the development of a business continuity plan. No businesses participated in the workshop so it was recorded and is available in posterity for businesses.</p>
TH 9	<p>Colorado Blvd at Big Dry Creek. Reconstruct Bridge on new alignment to convey 100-year flow. New alignment would also serve to remove the Colorado Boulevard/SH 7 (160th Avenue) intersection from the Morrison Creek flood plain.</p>	Flood	City of Thornton; MHFD	<p>Not Started - This project is NOT on the stormwater fund future project priority list. It is anticipated that adjacent development will be the catalyst for this project. Currently there are no plans in for review for this development.</p>
TH 10	<p>Uninterrupted Communications between City Departments During Emergencies. Determine which City facilities currently have radios, assess the appropriateness and feasibility of hardwiring, and investigate other options to ensure constant and uninterrupted communications is maintained during disaster events across City departments and buildings.</p>	Flooding, Severe Storms, Drought, Tornado, Wildland Fire, Subsidence, Earthquake	City of Thornton	<p>Not Started – Project has been delayed due to limited staffing capacity, lower prioritization, and the absence of identified funding, stakeholder engagement, and policy support.</p>

<p>TH 11</p>	<p>Community Emergency Response Training Expansion. The project would include funds, marketing capability, and potential part-time personnel to build upon the capability of the city CERT program.</p>	<p>All-hazards</p>	<p>Fire Department, Neighborhood Services; Police Department</p>	<p>Complete - Expansion of CERT Team is complete. As of 2026, CERT Team now consists of 34 members which includes uniforms, equipment bags, quarterly trainings, annual exercises, and the FEMA - CERT Basic Academy Course. 2026 Budget includes \$10,000 to support the CERT Team supplies, equipment, public education materials, and supporting city operations.</p>
<p>TH 12</p>	<p>Create a Crisis Communication Plan. The city Crisis Communication Plan will be a joint information center for staff to reference so that they're educated about proper communication during and following hazard events.</p>	<p>Earthquake, Flood, Expansive Soils/ Undermined Areas, Severe Storms, Public Health Hazards, Tornado/ Severe Wind, Winter Storm, Wildland Fire</p>	<p>Dept., Police Dept., 911 Communications Center, Communications Office, City Manager's Office, Information Technology, Infrastructure, Community Services and City Council</p>	<p>Not Started - Lack of staffing capacity to initiate planning process. However, this plan will be added to the 2026-2029 OEM Strategic Plan.</p>
<p>TH 13</p>	<p>Purchase a Mobile Command Post. Purchase a mobile command post to be used to responding to and recovering from disasters. Plan would also have to include a warm storage area.</p>	<p>Drought, Earthquake, Flood, Expansive Soils/ Undermined Areas, Severe Storms, Public Health Hazards, Tornado/ Severe Wind, Winter Storm, Wildland Fire</p>	<p>City of Thornton; Undetermined</p>	<p>Delayed - Still pending on grant funded under Federal Earmark funds, but federal budget has not been approved. No funds have been received to complete purchase.</p>

TH 14	<p>Create citywide debris management plan. Creating a citywide debris management plan that will include mutual aid and cross communication between city departments.</p>	<p>Earthquake, Flood, Expansive Soils/ Undermined Areas, Severe Storms, Tornado/ Severe Wind, Winter Storm, Wildland Fire</p>	<p>Thornton Fire Department, Infrastructure, Communications, and Waste Management</p>	<p>Not Started - Lack of staffing capacity to initiate planning process. However, this plan will be added to the 2026-2029 OEM Strategic Plan.</p>
TH 15	<p>Emergency Shelter. Create Emergency Shelter facility. Provide personnel, appropriate protective clothing, and sleeping beds/cots/bags/blankets. Identify food resources.</p>	<p>Flood, Tornado/ Severe Wind, Wildland Fire</p>	<p>Thornton Fire Department, Recreations, Thornton CERT, and American Red Cross</p>	<p>In Progress - 2025 Grant Funds were reprioritized to other Emergency Management projects and Conex box of 200-250 shelter bed capacity at Margaret Carpenter Recreation Center is delayed. In 2025 the Shelter Plan was updated, Shelter Operations Training was given to City Staff and CERT Volunteers, 20 Emergency Shelter Leads (ESLs) were hired as temporary city employees, and a Full-Scale Sheltering Exercise occurred in September 2025.</p>
TH 16	<p>Emergency Operations Center (EOC) Development Project. The project would be the purchase via City Funds or state grants to buy equipment and technological improvements to the current conference room used as the EOC.</p>	<p>All-hazards</p>	<p>City of Thornton</p>	<p>In Progress - 2025 Grant Funds purchased new virtual EOC (VEOCI) Platform replacing Microsoft Teams for EOC Operations and Bold Planning for COOP/GOG. Grand Funds also upgraded EOC audiovisual, camera, sounds, and display technology in the physical EOC.</p>
TH 17	<p>Evaluate technology backup resources. Evaluate all critical facility backup systems. Replace/modify any systems that need it and ensure that they will all work properly in case of hazard event. Coordinate with local cell tower owners to identify infrastructure that may need backup power.</p>	<p>Earthquake, Expansive Soils/ Undermined Areas, Severe Storms, Tornado/ Severe Wind, Winter Storm</p>	<p>City of Thornton Risk Management, Emergency and Safety Administrator; All City Departments</p>	<p>Annual Implementation - Reevaluating business recovery options from a cyber security perspective and continuing to evaluate department software/hardware critical infrastructure. IT currently implementing a new more resilient data backup system.</p>

TH 18	<p>Evaluate current standards and specifications for city infrastructure. Evaluate all standards and specifications for city infrastructure. Update or revise codes to better mitigate effects of natural disasters.</p>	<p>Drought, Earthquake, Flood, Expansive Soils/ Undermined Areas, Severe Storms, Tornado/ Severe Wind, Winter Storm, Wildland Fire</p>	<p>Infrastructure & City Development</p>	<p>Not Started.</p>
TH 19	<p>Evaluate lift stations exposure to flood risk. Evaluate each lift station citywide and determine their exposure to flood risk. Develop plans to mitigate the risk at each station.</p>	<p>Flood</p>	<p>City of Thornton</p>	<p>Not Started.</p>
TH 20	<p>Evaluate sewer/water crossings at roadways. Identify all water and sewer crossings that have the potential to be exposed to scour and mitigate further degradation of crossings.</p>	<p>Flood</p>	<p>City of Thornton</p>	<p>Not Started.</p>

<p>TH 21</p>	<p>Expand and Improve Hazard Education for Seniors. Specific actions that could be taken include the following:</p> <ul style="list-style-type: none"> - Developing a web page or web site specific to emergency tips that would be useful to seniors. - Providing more information about services that are available to them that could help make their homes more resilient to damage that could be caused by natural disasters. - Increasing the information provided in city publications about what seniors can and should do in the event of a natural disaster. - Providing information to seniors about how to file claims for property damage, hire qualified contractors to perform disaster recovery work, and avoid scams in the wake of a natural disaster. - The city should consider GIS mapping of key areas with vulnerable populations and plan accordingly for assisting with disasters that may affect these areas more i.e. mobile home parks, low income housing areas, places where language could be more of a barrier. 	<p>All-hazards</p>	<p>City of Thornton; Education providers, Senior services agencies.</p>	<p>Not Started – Project has not started due to limited staffing capacity, lower prioritization, and the absence of identified funding, stakeholder engagement, and policy support.</p>
<p>TH 22</p>	<p>Expand the CodeRed Program. Research funding for additional CodeRed costs. The program is currently being implemented in the city so that staff and citizens are alerted by phone/email when a hazard takes place. Additional enhancements can be made to the system, but it would require additional funds. The primary audience for this would be the citizens and as the city grows more enhancements would need to be made.</p>	<p>Drought, Earthquake, Flood, Expansive Soils/ Undermined Areas, Severe Storms, Public Health Hazards, Tornado/ Severe Wind, Winter Storm, Wildland Fire</p>	<p>Thornton Fire Department, Police Department, 911-Communication Center, Communications Office</p>	<p>In Progress. Due to policy prioritization, system capability, improvement planning, and compounded by the cyber breach of CodeRED, the City decided to end their contract in January 2026. In February 2026, the City began a new contract with Rave Motorola for emergency notification and alerting. In March 2026, capability to reach residents greatly improved reaching 20% more of our city population. However we still have a project goal of reaching 50% of our city population by the end of 2026.</p>
<p>TH 23</p>	<p>Fire Code Updates. Once every three years, adopt the latest edition of the International Fire Code, related codes, and appropriate local amendments.</p>	<p>Wildland Fire, Lightning</p>	<p>City of Thornton;</p>	<p>Annual Implementation - IFC 2024 was adopted April 2025 and went into effect July 1, 2025.</p>

<p>TH 24</p>	<p>Fire Station Building Maintenance. Annually, captains will inspect and evaluate stations for preventative needs. This will include checking windows and doors for security and function, ensuring all oxygen bottles and SCBA bottles within stations are secured, generators are being filled and functioning, and check stations for any other hazards. Building maintenance will ensure annual testing and inspections of generators by licensed contractors. All needs found will be forwarded as building maintenance requests go through chain of command for budgetary items.</p>	<p>Dam Failure; Earthquake; Expansive Soils; Flood; Water Contamination; Hazmat; Mass Transportation Incident; Public Health; Severe Cold Weather Storms; Severe Warm Weather Storms; Terrorism; Tornadoes; Wildland Fire</p>	<p>Thornton Fire Department; Building Maintenance</p>	<p>Annual Implementation. Continuing support from building maintenance to maintain facilities and generators. Captains have been assigned to all eight fire stations. Annual review and report generated for all City Fire Stations.</p>
<p>TH 25</p>	<p>Fire Station Emergency Procedures. The following response will be completed by each fire station in the event of a disaster. Stations will conduct a self-assessment to determine condition and functionality of station, equipment, and personnel. This will be reported to the Battalion Chief. Emergency call-back will be initiated if necessary and appropriate additional apparatus will be staffed/equipped. Crews will then initiate a windshield survey of their district with priority of assessing high value locations defined as critical infrastructure, high density populations, medical facilities, special need facilities and response support facilities. Findings will be reported to EOC. Specific hazards identified will be prioritized by EOC. Support staff will be needed to check on families of responders, respond to apparatus needs (specifically flat tires) and shuttle equipment and supplies.</p>	<p>Cyber; Dam Failure; Drought Earthquake; Expansive Soils; Flood; Water Supply Contamination; Hazmat; Mass Transportation Incident; Public Health; Severe Cold Weather Storms; Severe Warm Weather Storms; Terrorism; Tornadoes; Wildland Fire</p>	<p>Thornton Fire Department; EOC, TPD, FVS</p>	<p>In Progress / Delayed - Lack of capacity to focus on formal assessment process however informal plans for initial damage assessment and windshield assessments have been discussed with fire operations.</p>

TH 26	<p>Loss Prevention Project – Regulation Update – Flood Notification System. The project is a priority to switch over to a more up-to-date notification system and improve our reach to the community.</p>	Flood	<p>City of Thornton – Infrastructure, Floodplain Manager. Thornton Risk Management, Emergency and Safety Administrator; Thornton Communications Department</p>	<p>Complete - Floodplain regulations were updated in 2025 and new notification system (Rave - Motorola - ThorntonREADY Alerts) was initiated in 2026.</p>
TH 27	<p>Gravel Lakes Rip Rap Program. Install rip rap on reservoir slopes.</p>	Flood, Severe Storms	City of Thornton;	<p>In Progress - There are approximately 130,825 linear feet of shoreline along the city's reservoirs. 62,761 linear feet have been stabilized with rip rap protection, and the remaining 68,064 linear feet remain unprotected. We completed 4,100 linear feet in 2024/2025. Efforts are underway in 2026 to stabilize ~300 feet of shoreline at the Rogers Reservoir facility using a French drain system capped with rip rap. 2027-2028 funds will be combined in 2027 to complete the next larger set of shoreline protection.</p>
TH 28	<p>Hoffman Drainage. Reconstruct culvert under 88th Avenue and improve storm sewers in Hoffman from 88th to 91st to remove homes from the mapped floodplain.</p>	Flood	City of Thornton; MHFD	<p>Complete</p>
TH 29	<p>Identify local organizations that can assist with post-disaster needs. Identify specific organizations and facilities that would be beneficial for the city to utilize with in case of a natural disaster. Establishing a point of contact and possibly creating a task force committee who can work together to plan for response efforts.</p>	<p>Earthquake, Flood, Expansive Soils/ Undermined Areas, Severe Storms, Public Health Hazards, Tornado/ Severe Wind, Winter Storm, Wildland Fire</p>	<p>Thornton Fire Department; All City Departments</p>	<p>Annual Implementation. The development and maintenance of resources and key partner lists is an annual implementation which includes updating local vendors, connecting with faith groups and non-profits, meeting new community groups and continually expanding our stakeholders. Planning teams are developed for specific plan needs and development.</p>

TH 30	<p>Implement MHFD Projects Identified. Implement MHFD’s recommended projects that identify potential mitigation projects in the Floodplain within city limits.</p>	Flood	City of Thornton; MHFD	<p>In Progress - Brantner Gulch FHAD and MDP is adopted. Basin 4100 study is complete, and recommended projects are in the stormwater utility backlog list. All other cited Master Plans are in progress.</p>
TH 31	<p>Lightning Detectors. The project would be the purchase, installation, maintenance, and public education component for adding lightning detector technology at our city parks, golf course and outdoor areas.</p>	Severe Storm	Community Services, Parks, Golf, & Recreation; Risk Management, Emergency and Safety Administrator	<p>Not Started – Project has been delayed due to limited staffing capacity, lower prioritization, and the absence of identified funding, stakeholder engagement, and policy support.</p>
TH 32	<p>Niver Creek Tributary M. Replace culverts at Huron Street and 92nd Avenue with 100-year capacity culverts; channel improvements between 92nd Avenue and Huron Street for increased conveyance; new 60” storm sewer pipe in 92nd Avenue.</p>	Flooding	City of Thornton; MHFD	<p>Partially complete - Culverts under Huron Street are complete along with channel improvements between 92nd Ave and Huron St. New culvert under 92nd Ave is not funded in the 2026 CIP.</p>
TH 33	<p>Public Outreach Project. The project would be become a priority for 2017 to develop a website, literature materials, and begin to build relationships in the community. In 2018 the priority would shift to improving outreach at special events, presentations, and promoting whole community planning.</p>	All-hazards	Risk Management, Emergency and Safety Administrator; Neighborhood Services, Communications Department	<p>Annual Implementation / In Progress - Public Outreach is an annual effort. Emergency Management webpage content was added in 2017 but needs updating. In 2026 the CodeRed webpage was revamped to promote the new alerting system (Rave) ThorntonREADY Alerts. CERT volunteers support OEM at special events for public outreach and when capacity allows EM offers public education for community organizations.</p>

TH 34	<p>Ozone Treatment at Wes Brown Water Treatment Plant. Install ozone treatment process and associated pump station</p>	Drought and Flood	City of Thornton;	<p>Canceled - We are bringing Poudre water to the WBWTP. Ozone treatment will not be needed per current modeling. This project is still canceled and will be removed from the list in the next update.</p>
TH 35	<p>Purchase Portable Cell Towers. Purchase portable cell towers to enhance communication and potentially create citywide Wi-Fi. Would need to coordinate with local cell tower providers. Approximately 3-4 would be needed to cover the city. Doing so would also add the need for vehicles to transport the towers.</p>	Earthquake, Flood, Expansive Soils/ Undermined Areas, Severe Storms, Tornado/ Severe Wind, Winter Storm, Wildland Fire	City of Thornton; Fire Department	<p>Delayed – Project has been delayed due to limited staffing capacity, lower prioritization, and the absence of identified funding and stakeholder engagement.</p>
TH 36	<p>Reduce expansion of Emerald Ash Borer. Prioritize affected tree removal and disposal and create a plan to mitigate further loss of vegetation to Emerald Ash Borer.</p>	Wildfire	Parks & Recreation	<p>In Progress – Forestry has a contractor treat viable Ash trees on a two-year recommended cycle, currently 1.189 trees. End of last year we purchased our own injection system for trees. We are currently evaluating 89 untreated Ash trees for injection or removal this spring.</p>
TH 37	<p>Bring commercial buildings out of the floodway. Develop a plan to coordinate with local commercial building owners to relocate businesses out of the floodway.</p>	Flood	Economic Development	<p>Complete – Newly adopted Code has freeboard requirements for all new construction in the floodplain. 2027 I-codes will have stronger requirements per recent ASCE-24 (2024 edition).</p>

TH 38	<p>School Tributary. Railroad/Old Welby Road to Monroe Street; Phase 1, Catalina Apartments driveway to west of Monroe Street being jointly funded Thornton and MHFD.</p>	Flood	City of Thornton; TBD	<p>In Progress - Completion across the "Welby Station" subdivision to and across the RTD ROW is pending development to fund improvements.</p>
TH 39	<p>Stockpiling Emergency Shelters. Creating stockpiles in each of the city's emergency shelters. This could include water, heat blankets, education materials, food, etc. Staffing would also need to be planned out. An added layer to this would be to identify additional areas to add as emergency shelters.</p>	Drought, Earthquake, Flood, Expansive Soils/ Undermined Areas, Severe Storms, Public Health Hazards, Tornado/ Severe Wind, Winter Storm, Wildland Fire	City of Thornton; TBD	<p>In Progress - 2025 Grant Funds were reprioritized to other Emergency Management Projects. Budget requests will be submitted in 2026 for 2027 Budget to purchase Conex box of 200-250 shelter bed capacity at Margaret Carpenter Recreation Center. In addition, in 2025 the Shelter Plan was updated, Shelter Operations Training was offered to City Staff and CERT Volunteers, 20 Emergency Shelter Leads (ESLs) were hired as temporary city staff, and a Full-Scale Sheltering Exercise was held in September 2025.</p>
TH 40	<p>Stockpiling Fire Stations. All stations shall be inspected and evaluated for alternative staffing and uses in the event of a disaster. Stations will be measured for sleeping space and staffing of extra apparatus. Station 5 shall be evaluated as alternative EOC and/or dispatch site. Station 5 also houses Emergency Management trailer with extra cots and bedding.</p>	Disasters requiring special attention	Thornton Fire Department; Emergency Manager	<p>In Progress/ Complete - All stations evaluated. Station 6 has capability for alternate sheltering. However capacity for shelter will be prioritized to City Recreation Centers, so as not to interfere with Fire Operations. Additional stockpiling of MREs, Water and Shelter supplies has been expanded in Station 4 Dry Storage and will be deployed to the shelter locations as needed.</p>

<p>TH 41</p>	<p>Tertiary Data Center Location. The project would focus on identifying a new data center location, as well as resources to house there. An option could be “cloud” based, which would provide access from anywhere, but would require a significant shift in ownership and housing of City data. Internet services would be validated and enhanced to provide multiple connections and replication of City data. Services would need to be ordered to facilitate the new server and storage needs, as well as testing to validate connectivity.</p>	<p>All-hazards</p>	<p>City of Thornton IT Department; City of Thornton All Departments</p>	<p>In Progress - IGA talks have stalled due to Adams County current level of interest.</p>
<p>TH 42</p>	<p>Thornton as Emergency Transportation Provider for Seniors. Identify and organize city staff and city vehicles, and/or work to mobilize volunteers within the community to provide necessary transportation for seniors in emergency situations to access required medicines, medical treatments, food, or other necessary services, equipment, or provisions.</p>	<p>All-hazards</p>	<p>City Emergency Management, Recreation, Active Adult, Innovage, RTD, Adams 12 & 27J Schools</p>	<p>Not Started – Project has been delayed due to limited staffing capacity, lower prioritization, and the absence of identified funding, stakeholder engagement, and policy support.</p>
<p>TH 43</p>	<p>Thornton Facilities as Temporary Shelter for Seniors. Maintain and enhance the city of Thornton’s ability and capacity to provide emergency shelter for senior citizens whose homes have been damaged by one or more natural hazards. Such improvements may include maintaining and improving relationships with the Red Cross and other organizations.</p>	<p>All-hazards</p>	<p>City of Thornton; Red Cross</p>	<p>Delayed - Shelter Resources were not expanded in 2026. Shelter supplies will be included in 2027 Budget request. In addition, in 2025 the Shelter Plan was updated, Shelter Operations Training was offered to City Staff and CERT Volunteers, 20 Emergency Shelter Leads (ESLs) were hired as temporary city staff, and a Full-Scale Sheltering Exercise was held in September 2025. All support service improvement for vulnerable populations.</p>

TH 44	<p>Community Tornado Shelters. The project would include the building and training of local manufactured home communities to use and maintain local tornado shelters.</p>	Tornados and Severe Storms	City Development and Neighborhood Services; Risk Management	<p>Not Started – Project has been delayed due to limited staffing capacity, lower prioritization, and the absence of identified funding, stakeholder engagement, and policy support.</p>
TH 45	<p>Utilize Local Organizations for Messaging. Work with local organizations like Community Faith United to notify community members about hazards. These orgs are a great outlet for distributing news and resources. They are great places to utilize message for post disaster events and to increase people’s awareness about local hazards.</p>	Drought, Earthquake, Flood, Expansive Soils/ Undermined Areas, Severe Storms, Public Health Hazards, Tornado/ Severe Wind, Winter Storm, Wildland Fire	Thornton Emergency Management	<p>Annual Implementation / In Progress - Emergency Management works annually working with community organizations and networks to share preparedness information and build partnerships. In 2026, efforts are focused on faith-based partnerships through the Faith-Based Community Alliance (FBCA) and meeting with local HOAs.</p>
TH 46	<p>Washington St and GHC South Tributary. Reconstruct culvert to convey 100-year storm – may require lowering the Denver Water - Broomfield water main.</p>	Flood	City of Thornton, MHFD	<p>In Progress - Project is nearing design completion. Xcel gas utility relocations are complete, electric to be done summer 2026. Remaining construction including Denver Water line lowering to begin in fall 2026.</p>
TH 47	<p>York St & Big Dry Creek, E-470 to York. Replace bridge to handle 100-year flows, eliminate overtopping. Realign channel upstream of York to improve hydraulic efficiency (see “map” page 14 in the Tiff directory)</p>	Flood	City of Thornton	<p>Complete/In-Progress – Project completed in 2025. The LOMR is being worked on and will be the last step.</p>

<p>TH 48</p>	<p>Hazardous Tree Mitigation. Develop and implement a plan to conduct a city-wide assessment of trees located on public lands and rights of way to determine and catalog the status of their health and if the potential of falling branches or entire trees pose a threat to people and improvements in the area. Implement actions to remove dangerous limbs and dead, sick, or dying trees to reduce the threat that they pose.</p>	<p>Severe Storms, Tornadoes and Severe Winds, Winter Storms, Floods</p>	<p>City of Thornton;</p>	<p>In Progress – All of City of Thornton Trees are entered into our inventory and given a rating of good, fair, and poor, noting any hazard and removing those trees. Forestry has two Tree Risk Assessment Qualified inspectors to evaluate hazard trees. For residential trees, a notice of correction letter is sent to residents for mitigation.</p>
<p>TH 49</p>	<p>Address Risks Associated with Climate Change. The Colorado Climate Change Vulnerability Study produced by the University of Colorado and Colorado State University provides 35 recommendations divided into four categories: assessing, planning and managing for resilience; developing and sharing information; public engagement; and building capacity.</p>	<p>Drought, Extreme Temperatures, Flood, Severe Storms, Public Health Hazards, Winter Storm, Wildland Fire</p>	<p>City of Thornton; Tri-County Health Department</p>	<p>Not Started – Project has been delayed due to limited staffing capacity, lower prioritization, and the absence of identified funding, stakeholder engagement, and policy support.</p>
<p>TH 50</p>	<p>Flood Threat Assessment & Flood Risk Communication (Website development). Inventory public assets at risk from flooding and categorize the corresponding risk. Develop an interactive public website tailored to each jurisdiction to educate people about flood risks and specific actions they can take to keep safe during dangerous conditions and minimize flood-related losses.</p>	<p>Flooding</p>	<p>City of Thornton; MHFD</p>	<p>In Process - MHFD developing a web-based tool.</p>

TH 51	<p>Grange Hall Creek - 104th Tributary, east of Birch St. The flume carrying the 104th Avenue Tributary over the Colorado Agricultural Canal has adequate capacity for the 100-year event. Floodwaters may, however, overtop the channel and threaten residential structures in the area due to a poorly defined channel upstream. It is proposed that the earth berm west of the canal be raised 2 feet to ensure that floodwaters are successfully funneled to the flume. This would prevent floodwaters from overtopping the canal and threatening residential buildings.</p>	Flooding;	City of Thornton Infrastructure; MHFD	Canceled - Study completed and revealed no economical solution. Recommended solutions archived for future opportunities when flume reaches end of useful life or adjacent development occurs to support the project.
TH 52	<p>Niver Creek Tributary M - Thornton Parkway to E. Balsam Dr. Increase storm system capacity to remove 22 residential structures from the floodplain.</p>	Flooding;	City of Thornton; MHFD	Not Scheduled - Due to Stormwater Utility CIP not having sufficient funds to complete.
TH 53	<p>Niver Creek at 96th Ave. Replace existing 78" CPM with dual 8'x5' RCBC. Remove 7 residential structures from the floodplain, current culvert does not have capacity for 100-year flows.</p>	Flooding;	City of Thornton; MHFD	Not Scheduled - Due to Stormwater Utility CIP not having sufficient funds to complete.
TH 54	<p>Niver Tributary N at Huron St. This project would replace the existing crossing with dual 8' x 8' RCBC at Huron St for the 100-yr event and replace concrete channel from Huron St to Thornton Parkway with grass lined channel, including drop structures. This work is as identified in the Urban Drainage Niver Creek Major Drainageways plan.</p>	Flooding;	City of Thornton; MHFD	In Progress - Funding for design and construction in current five-year CIP.
TH 55	<p>Niver Creek crossing at Grant St and 84th Ave. Increase storm sewer capacity for 100-year flows. Remove Grant Street and 84th Ave from floodplain.</p>	Flooding;	City of Thornton; MHFD	Not Scheduled - Due to Stormwater Utility CIP not having sufficient funds to complete.

TH 56	<p>Basin 4100 Outfall Improvements. Construct a defined channel and berm east of Colorado Blvd, replace existing culverts at Old Riverdale Road, and construct a defined channel with drop structure to SPR.</p>	Flooding;	City of Thornton; MHFD	<p>In Progress - Funding for design and construction in current five-year CIP.</p>
TH 57	<p>Infrastructure for water reuse. The city should plan to add the technology to reuse water that is discharged from households. This would mitigate the effects of drought, effectively adding a new water supply for the city. It would also mitigate the long-term effects of global warming which is drying out the South Platte River Basin. Even if precipitation remains the same the basin will dry more due to a longer growing season and greater evaporation due to higher temperatures. The reused water could also be used to increase the health of the city's tree canopy and expand it.</p>	Drought/Excessive Heat;	Thornton Water; Infrastructure	<p>Complete — The intent of this item was to draft the necessary ordinance and establish permitting and tracking processes to implement Colorado General Assembly bill HB24-1362, which authorizes local governments to allow regulated graywater reuse. After evaluation by staff and leadership, the City determined that Thornton will opt out of graywater implementation at this time. The opt-out ordinance and the required notification letter to the Colorado Department of Public Health and Environment (CDPHE) were completed in December 2025. The primary reasons for opting out were the potential for increased risk to Thornton's water distribution system and potential impacts to the City's water rights administration.</p>

<p>TH 58</p>	<p>Infrastructure and technology for rationing water. The Thornton Drought Management Plan cites water rationing as one of two measures the city can take if there is an extreme disruption to water supplies. (The other is a drought surcharge that is contained in the recent rate ordinance.) The plan anticipates that this would be caused by a multiple-year drought and the resulting low streamflow. Thornton relies on diversions of surface water from the South Platte River and Clear Creek to replenish storage volumes for treatment and distribution to residents, businesses, and other entities such as the Adams 12 School District. Currently there is no plan in place because the infrastructure necessary for rationing does not exist in the city's system. Thornton is also building a pipeline for water supply from the Cache la Poudre River which will also depend on streamflow. Implementing rationing infrastructure prior to a crisis is imperative.</p>	<p>Drought/Excessive Heat; Public Health Hazards; Water Supply Contamination;</p>	<p>Thornton Water; Infrastructure</p>	<p>Complete — Advanced Metering Infrastructure (AMI) has been implemented across the majority of Thornton's service area. Following implementation, thousands of leaks behind the meter were identified by Water Distribution. With the transition to Stage 1 drought watering restrictions, AMI is being used to identify customers who are irrigating prior to May 1, consistent with drought rules requesting customers to keep irrigation systems off until that date. AMI monitoring allows Water Resources to notify customers about unusually high water use in a more timely manner than previously possible, potentially helping customers avoid excessive water charges. Customers are also able to independently monitor their water usage through available customer-facing tools.</p>
<p>TH 59</p>	<p>Installation of solar energy to boost the move to renewable energy and lessen evaporation from Thornton's facilities. Thornton can move quickly to embrace renewable energy and meet its goals under the Energy Action Plan with Xcel by installing solar PV on reservoirs and irrigation ditches. This would reduce evaporation from city facilities and would bolster the city's raw water supplies. Evaporation from reservoirs currently takes around 5,000 acre-feet (1.6 billion gallons) out of the raw water supply annually. Longer-term this strategy would help to mitigate the effects on global warming.</p>	<p>Drought/Excessive Heat;</p>	<p>Thornton Water; Infrastructure</p>	<p>In Progress — The current plan is to continue evaluating available solar technologies and assessing Thornton ditches and reservoirs for potential project feasibility. No suitable project configuration has been identified to date; however, evaluation efforts remain ongoing. Solar generation will be installed this summer at the Thornton Water Treatment Plant.</p>

<p>TH 60</p>	<p>Multifactor Authentication. Require Multifactor Authentication to gain access to city and SCADA networks. require enhanced password requirements and frequent password changes, set antivirus and antimalware programs to conduct regular scans, enable strong SPAM filters to prevent phishing emails from reaching end user, update software and patches, filter network traffic. assign to Cybersecurity Analyst in IT.</p>	<p>Cyber Security Attack;</p>	<p>IT; Infrastructure</p>	<p>Annual Implementation - The City is maintaining out existing multifactor authentication system and responding to new requirements and continuous improvement/best practices.</p>
<p>TH 61</p>	<p>Topographical study, analysis, and implementation of natural snow fencing or other snow drift mitigation throughout Thornton. Historically, Thornton experiences significant snow drifts during major winter storms that block roadways, strand motorists, decrease emergency response times or create scenarios where responders cannot get apparatus, and are resource heavy to address for plowing and road closure impacting the maintenance of the rest of the city. The goal would be to determine optimal locations in the City where snow drifts and access issues occur, determine funding opportunities, solidify funding, and deploy earthen berms, natural snow fencing, and/or other methods that decrease snow impacts on city roadways.</p>	<p>Severe Cold-Weather Storms;</p>	<p>Thornton Fire Department - Emergency Management; City Planning, Infrastructure, Forestry, and GIS</p>	<p>Annual Implementation - There are six locations that the city monitors for drifting. None presently show a need for permanent snow fences to mitigate road closures. Road closures historically have been due to crashes and/or human error preventing plows from accessing the road. Monitored segments include: * Thornton Pkwy - I-25 to Conifer Rd, West bound, * 88th Ave - Monroe Street to old Welby Rd, West bound * 120th Ave - Quebec Street to Niagara Street, West bound * Quebec Street - Hwy 7 to 152nd Ave, south bound * 168th Ave - York Street to Colorado Blvd, West bound * Washington Street - 152nd Ave to 148th Ave. As the City builds to the Northeast additional locations might be needed in the future.</p>

<p>TH 62</p>	<p>Fuels management strategy and proscribed burns in open space areas to reduce wildland fire risks. The Marshall Fire, Black Forest Fire, and Thornton Quebec & 136th Fire have shown that wildland fire risk is not only limited to the Wildland Urban Interface in the Foothills. Open spaces when left unmanaged can cause fuel loads to build up and when combined with favorable weather conditions could lead to an uncontrolled wildland fire threatening any Thornton neighborhood with its proximity. In addition, with the environmentally and drought friendly landscaping initiatives the city is implementing, the need for fuel managements in our open spaces and anywhere native vegetation is reintroduced grows. This project would include a Wildland Fire management strategy, policy, plan, and schedule to be developed within the appropriate city departments and external agencies. As well as the actual live burning of high-risk open spaces on an appropriate rotational schedule.</p>	<p>Wildland Fire;</p>	<p>Thornton Fire Department - Emergency Management; Parks and Recreation, City Manager's Office, Communications, Infrastructure, Adams County SO, State DFPC, and more</p>	<p>In Progress - A City Wildfire Management Plan has yet to be developed due to staffing capacity, however planning conversations have occurred between Fire and Parks. Parks has begun Open Space mitigation efforts managing long grass, dead trees, and reducing fuel loads.</p>
<p>TH 63</p>	<p>Air Quality Monitoring. This project would include the planning and deployment of stationary air quality monitors throughout the city to monitor air quality for public/environmental health, EPA reporting, but especially to provide a quality measuring along I-25, US-85, Commerce City and E-470, to assist with tracking fallout from major hazmat spill in the city.</p>	<p>Hazardous Materials;</p>	<p>Thornton Fire Department - Emergency Management; Infrastructure, City Planning, City Manager's Office, and Adams County</p>	<p>Not Started – Project has been delayed due to limited staffing capacity, lower prioritization, and the absence of identified funding, stakeholder engagement, and policy support.</p>

<p>TH 64</p>	<p>Weather Stations at City Buildings. The project would include partnering with the NWS to put weather station monitor on key city buildings to improve data sharing with the NWS, improve forecasting, and weather conditions monitoring during weather related events.</p>	<p>Drought/ Excessive Heat; Flooding; Severe Cold-Weather Storms; Severe Warm-Weather Storms; Tornado/ Microbursts;</p>	<p>Thornton Fire Department - Emergency Management; Building Maintenance, Management Services, Infrastructure, and National Weather Service Thornton</p>	<p>Not Started – Project has been delayed due to limited staffing capacity, lower prioritization, and the absence of identified funding, stakeholder engagement, and policy support.</p>
<p>TH 65</p>	<p>Cyber Security Response Plan. This project is to develop a Cyber Security Response Plan as part of the City's EOP structure, that addresses prevention strategies, roles and responsibilities, authorities, damage assessment, response procedures, investigations, and more for a cybersecurity incident.</p>	<p>Cyber Security Attack;</p>	<p>Management Services - Information Technology; Thornton Police Department, City Manager's Office, Communications, & external agencies as needed</p>	<p>Not Started - Lack of staffing capacity to initiate planning process. However, this plan will be added to the 2026-2029 OEM Strategic Plan.</p>

<p>TH 66</p>	<p>Vehicle Borne Attack Prevention at Margaret Carpenter Recreation Center. Annually the City hosts its largest public events, Winterfest, Thorntonfest and July 4th Fireworks, at the Margaret Carpenter Recreation Center fields drawing crowds of 10,000 up to 60,000 with both driving and walking pedestrians. In 2018 a Threat and Risk Assessment of the facility by the Dept. of Homeland Security, identified vehicle borne attack as a potential danger for the events on the field from Colorado Blvd. This project would include determining funding and deployment of natural features (i.e, earthen mounds or boulders) along the field to reduce risk for accidental or intention vehicle borne threats to the public at special events.</p>	<p>Terrorism/Active Shooter;</p>	<p>Thornton Fire Department - Emergency Management; Thornton Police Department, Parks and Recreation, Infrastructure</p>	<p>Delayed - Future redesign along Colorado Blvd is no longer in discussion. No funding allocated for redesign or construction. Discussions in 2025/26 have not occurred due to staffing capacity, policy prioritization, and lack of funding. Temporary solutions of utilizing city vehicles along Colorado Blvd. during special events is in effect for July 4th Fireworks.</p>
<p>TH 67</p>	<p>Hazard Mitigation in other City Plans. Incorporate the concepts of hazard mitigation planning in the development, amending, and updating of other city planning documents.</p>	<p>Cyber Security Attack; Dam/ Levee Failure; Drought/ Excessive Heat; Earthquakes; Expansive Soils/ Undermined Areas; Flooding; Water Supply Contamination; Hazardous Materials; Mass Transportation Incident; Public Health Hazards; Severe Cold-Weather Storms; Severe Warm-Weather Storms; Terrorism/Active Shooter; Tornado/ Microbursts; Wildland Fire</p>	<p>Thornton City Development, Policy Planning and/or other Departments & Divisions as appropriate</p>	<p>Not Started - No change from 2025 Status.</p>

<p>TH 68</p>	<p>Hazard Planning in the Development Code. The City of Thornton is undertaking a major update of its Development Code that will include many substantive changes to the city's regulations for land use and development. As one part of this update, the city will work with consultants to evaluate and propose changes or new standards that could address aspects of hazard mitigation. If adopted, having codified regulations would strengthen the city's resiliency against hazards.</p>	<p>Drought/ Excessive Heat; Flooding;</p>	<p>Thornton City Development Department;</p>	<p>In Progress - Development code update has been completed. Standards and Specifications are still in progress. Newly adopted Development Code (Chapter 18), Article 8 does include standards for water wise landscaping. That amendment is complete and the Code has been in effect since September 1, 2025.</p>
<p>TH 69</p>	<p>Building Code Updates. Complete an update to the building codes every three years.</p>	<p>Dam/Levee Failure; Drought; Earthquakes; Expansive Soils; Flooding; Water Supply Contamination; Hazmat; Mass Transportation Incident; Public Health Hazards; Severe Cold-Weather Storms; Severe Warm-Weather Storms; Terrorism; Tornado/ Microbursts; Wildland Fire;</p>	<p>Thornton City Development; None</p>	<p>Complete – 2024 version of the Building Codes were adopted on July 5, 2025. Future plans are to adopt the Colorado Wildfire Resiliency Code.</p>