

ACTIONS INCLUDED IN BOTH SCENARIOS

Action	Interests	Primary Goal	Driving Factors/Benefits	Considerations / Other Options
TSA-WIDE				
<p>Open Space and Mountain Parks (OSMP) is interested in collaborating with community and partner agencies to create regional connections as opportunities arise that include North TSA trails.</p> <ul style="list-style-type: none"> • North TSA to Boulder County Parks and Open Space Lagerman/Imel/AHI Open Space Complex. • North TSA to Boulder County Parks and Open Space's Heil Valley Ranch • A Boulder-to-Lyons trail connection including the efforts of the Rocky Mountain Greenway Project • IBM Connector Trail <i>(construction pending)</i> • Fourmile Canyon Creek Trail underpass to Cottonwood Trail <i>(construction pending)</i> • Eagle Trail to the planned Boulder Reservoir Trail 		<p>Enhance regional connectivity and the creation of safe road crossing and trail connections.</p>	<ul style="list-style-type: none"> • Provide greater opportunities for visitors and interconnectivity between adjacent trail systems. • Increase coordination/consistency between OSMP and partner agencies. 	<p>Work with other partner agencies and community partners to advance regional trail connections that also conserve natural and agricultural resources.</p>
<p>OSMP is interested in collaborating with community and partner agencies to create local trail connections as opportunities arise that include North TSA trails.</p> <ul style="list-style-type: none"> • Boulder Valley Ranch to Niwot Road • Lefthand Trail to the Schooley property • Joder Ranch and Boulder County's Six-Mile Fold • Joder Trail to Buckingham Park via Old Stage Road • Fourmile Canyon Creek Greenway path to Foothills Community Park 		<p>Enhance local trail connectivity and the creation of safe road crossing and trail connections.</p>	<ul style="list-style-type: none"> • Provide greater opportunities for visitors and interconnectivity between adjacent trail systems. • Increase coordination/consistency between OSMP and partner agencies. 	<p>Work with other partner departments, agencies and community partners to advance local trail connections that also conserve natural and agricultural resources.</p>
<p>Restore and revegetate all undesignated (social) trails not integrated into designated trail connections.</p>		<p>Restore undesignated trails that are not integrated into the designated trail system to reduce habitat fragmentation and to improve natural resource conservation.</p>	<ul style="list-style-type: none"> • Eliminate undesignated trails that are redundant trail connections and currently not serving important access. • Limit visitor access to two-track vehicle access paths that are not part of the designated trail system. • Conserve and restore large sections of unfragmented habitat. • Conserve rare plant communities and other sensitive resources from unmanaged recreational activities that may impact sensitive 	<ul style="list-style-type: none"> • Provide alternate trail connections to meet the access and connectivity needs of visitors who use these trails. • Discourage visitor use of two-track vehicle paths with signage as they cannot be restored. • Undesignated trail closure success is dependent on the public's willingness to stay on designated trails and allow closed trails to recover.

Action	Interests	Primary Goal	Driving Factors/Benefits	Considerations / Other Options
<p>Create interpretive information and messages about unique, rare and sensitive resources.</p>		<p>Utilize unique and rare natural, agricultural and cultural resources to educate visitors.</p>	<p>resources.</p> <ul style="list-style-type: none"> • Closure of undesignated trails allows restoration of habitat to help off-set impacts of new trail development. • Tell the story of ecological features, habitats and earth history in various locations throughout the North TSA, including Boulder Valley Ranch, Wonderland Lake and the North Foothills Habitat Conservation Area, etc. • The North TSA contains extremely unique and interesting features providing a great educational opportunity for the community. • Share information about important and unique natural, cultural and agricultural features. 	
<p>Provide strategies to assess and manage the introduction and spread of priority invasive plants along new trail connections and decommissioned or undesignated trail sections under restoration.</p>		<p>Minimize and manage the spread and establishment of priority invasive plant species along new trail corridors and decommissioned or undesignated trail sections under restoration.</p>	<ul style="list-style-type: none"> • Use OSMP Ecological Best Management Practices in the construction of new trails. • Assess new trail corridors and trail sections under restoration for the spread and establishment of priority invasive plant species. • Conserve and restore high quality native plant communities and rare plant communities. • Invasive plants have the ability to spread and become established in areas of vegetation and soil disturbance associated with the construction of trails and with ongoing visitor access along trails. • Share information about the resource impacts associated with the spread of invasive plants and ways visitors can help prevent or minimize this issue. 	<ul style="list-style-type: none"> • Assess opportunities and ways that visitors and community partner groups can assist staff in identifying new locations where priority invasive plants may occur along new trails. • Assess strategies where community partner groups and volunteer efforts can assist in the management/removal of priority invasive plants. • Emphasize the monitoring and management of priority invasive plants along new trails in the Foothills Habitat Conservation area, Joder and along other new trail sections proximate to high quality or rare plant communities.
BOULDER VALLEY RANCH (BVR) SUBAREA				
<p>Improve Eagle Trailhead by bringing it up to standards and including horse trailer parking and restrooms.</p>		<p>Provide better facilities and parking access to benefit visitors.</p>	<ul style="list-style-type: none"> • Provide additional horse-trailer parking west of the existing parking lot on the northern portion. • Reconfigure trailhead setup so it is safer for visitors. • Update all facilities to bring them up to standards. • Construct restrooms. 	<ul style="list-style-type: none"> • Design new amenities and layout to avoid prairie dog colonies south of existing parking area and cattail marsh north of existing parking area. • Coordinate with Boulder Parks and Recreation Department. • Create equestrian parking in areas separate from other visitors so they are not used by passenger cars. • Equestrian trailer parking would be available on the northwest end of the parking lot, while passenger vehicle parking would be available on the southern portion of the existing parking area. • Improving the trailhead in its current location, rather than relocating, conserves wildlife habitat effectiveness (bobolink and other grassland bird habitat) and minimizes reduction of focal wildlife species highly suitable habitat • Improving in place maintains large habitat blocks. <p><u>Other Options</u></p> <ul style="list-style-type: none"> • Improve parking at Boulder Valley Ranch for bicyclists and focus on improved equestrian parking at Eagle Trailhead. • Coordinate with Boulder Parks and Recreation department to integrate trailhead improvements and capacity serving the Boulder Reservoir and Eagle Trail area.
<p>Bring Lefthand Trailhead up to standards, including horse trailer parking.</p>		<p>Provide better facilities and parking access to benefit visitors.</p>	<ul style="list-style-type: none"> • Designate horse trailer parking sites. • Update all facilities to bring them up to standards. 	<ul style="list-style-type: none"> • Designate horse trailer parking in the existing trailhead space. • Reconfigure parking to delineate trailer and passenger vehicle parking.

Action	Interests	Primary Goal	Driving Factors/Benefits	Considerations / Other Options
<p>Bring Foothills Trailhead up to standards to meet backing requirements and add a new trailhead including horse trailer parking at the Degge Trail access point.</p>		<p>Allow cars to safely back out of existing Foothills Trailhead, add horse trailer parking access and provide additional facilities and parking access to benefit visitors.</p>	<ul style="list-style-type: none"> • Increase safety by allowing cars to only park on one side of Foothills Trailhead to allow space for vehicles to adequately back up. Trailhead may be expanded to a small extent to better configure parking. • Update all facilities to bring them up to standards at Foothills Trailhead. • Provide horse trailer and additional car parking north of the existing Foothills Trailhead near the Degge Trail access. 	<ul style="list-style-type: none"> • Construct trailhead in a way that minimizes impacts and damage to natural resources. • Avoid critical resources. • Assess topography feasibility and challenges. • Avoid prairie dog colonies. • The existing Foothills Trailhead will only be expanded about 20 feet to the south which will require some fill. This will allow for safe vehicle backing, but will not expand parking capacity. • The terrain near the Degge Trail access point is level and would be conducive to constructing a trailhead that could accommodate both passenger vehicles and equestrian trailer parking. • This area already ties into the Degge Trail access point, so is a logical area to construct a trailhead. • There are prairie dogs south of the Degge Trail access point, but not close enough to be of concern. • The Eisenberg house is near this location. • Silver Lake Ditch will need to be crossed in order to construct a trailhead in this area. <p><u>Other Options</u></p> <ul style="list-style-type: none"> • Create a way for bikes to avoid trailheads in order to decrease visitor conflict. • Separate visitor activities at the trailhead by space or time.
<p>Pave Longhorn Road or resurface with an alternative permeable surface material.</p>		<p>Provide a more sustainable surface, safer and improved access to Sage Trailhead at Boulder Valley Ranch (BVR).</p>	<ul style="list-style-type: none"> • Existing gravel roadway is difficult to maintain and consistently in poor condition. • Improve conditions for a more safe and easier access to Sage Trailhead • Roadway surface has eroded to bedrock at several locations and can't be effectively resurfaced with gravel. 	<ul style="list-style-type: none"> • Consider the additional staffing or other resources needed for long-term maintenance and to snow plow road. • Pothole repairs can be done for five years before re-surfacing is needed. • Permeable (non-asphalt) surface can be explored, but we need to consider what this would mean for snow plowing and de-icing.
<p>Clearly sign BVR horse corral as open to public use and add educational/interpretive signage about the on-site active agricultural operation.</p>		<p>Maintain historical equestrian use of facilities by clearly marking public opportunities and increase understanding and awareness of the active agricultural operation.</p>	<ul style="list-style-type: none"> • Increase opportunities for equestrian activities. • Maintain connection to equestrian history/educational experiences. • Increase visitors' understanding of active agricultural operation. 	
<p>Re-route west end of Degge Trail, close internal area of Degge and create a trail from Foothills to re-routed Degge Trail.</p>		<p>Replace high-density, low-quality trails with fewer, high-quality trails that are sustainable and take advantage of the terrain to improve visitor experience and offer a safer way for visitors to connect from the Foothills Trail to the BVR/Mesa Reservoir area trails.</p>	<ul style="list-style-type: none"> • Increase sustainability. • Protect natural resources while still providing public access. • Improved trail connectivity and visitor experience. • Increase safety. • Mitigate parking issues along roadway by providing improved connectivity from the Foothills Trailhead. 	<ul style="list-style-type: none"> • Consider impacts to wildlife highly suitable habitat, particularly for lark sparrows and prairie rattlesnakes, when re-routing trail and with proposed new trail connection. • Improve or maintain condition of natural resources in the area.
<p>Replace southern area of Mesa Reservoir Trail and the Hidden Valley Trail with a new trail connection.</p>		<p>Replace high-density, low-quality trails with fewer, high-quality trails that are sustainable and take advantage of the terrain to improve visitor experience.</p>	<ul style="list-style-type: none"> • Increase sustainability. • Protect natural resources while still providing public access. • Enhance education and interpretive offerings in the area. • Retain pedestrian-only access through shale barrens but not as a main trail connection. 	<ul style="list-style-type: none"> • Follow current general trail alignments in reconstruction as to retain quality and size of grassland habitats. • Conserve sensitive resources including shale barrens and rare plants that are on the north-facing mesa slopes. • Identify effective strategies for closing existing, undesignated trails. • Protect upland shrubland conservation target during re-routes • Consider impacts to North TSA focal wildlife highly suitable habitat including lark sparrow and prairie rattlesnake when re-routing trails. • Provide access to desirable terrain to keep visitors engaged. • Improve or maintain condition of natural resources in the area.

Action	Interests	Primary Goal	Driving Factors/Benefits	Considerations / Other Options
<p>Replace Old Mill and Cobalt trails with a new trail connection and replace western section of Eagle and steep, downhill eastern portion of Eagle Trail with new trail connections.</p>		<p>Replace high-density, low-quality trails with fewer, high-quality trails that are sustainable and take advantage of the terrain to improve visitor experience.</p>	<ul style="list-style-type: none"> • Increase sustainability. • Protect natural resources while still providing public access. • Increase safety. • Reroute east portion of Eagle Trail and Cobalt Trail as they come into BVR to increase sustainability. • Retain access to Old Mill. • Remove trails that run through prairie dog colonies to maintain or improve prairie rattlesnake highly suitable habitat and manage public safety issues related to rattlesnakes. • Utilize terrain effectively to create a better mountain biking experience. 	<ul style="list-style-type: none"> • Conduct a multi-year site plan to close undesignated trails. • Follow current general trail alignments in reconstruction as to retain quality and size of grassland habitats. • Identify effective strategies for closing existing, undesignated trails. • Protect upland shrubland conservation target during re-routes, minimizing trail placement in north-facing shrublands. • Consider impacts to North TSA focal wildlife highly suitable habitat including lark sparrow and prairie rattlesnake when re-routing trails. • Provide access to desirable terrain to keep visitors engaged. • Retain access, perhaps just visual, to Old Mill as a cultural resource for the public to discourage the creation of additional undesignated trails. • Improve or maintain condition of natural resources in the area. • Ensure the existing Americans with Disabilities (ADA) sections of Eagle and Sage Trails remain accessible. • Consider how to integrate into the trails parts of Eagle Trail that must remain as access roads and not solely under OSMP control and thus will continue to exist whether used as a trail or not. • Conduct a multi-year site plan to close undesignated trails.
<p>Replace undesignated trails through sensitive shale barrens and rare plant habitat with one new designated nature study trail for pedestrians and equestrians north of Mesa Reservoir to provide a sustainable connection with Sage Trailhead.</p>		<p>Manage currently unsustainable undesignated trails to better protect shale barrens and rare plants and provide an opportunity for the public to learn about these unique resources.</p>	<ul style="list-style-type: none"> • Replacing unsustainable undesignated trails with a designated sustainable trail better conserves a North TSA natural resource conservation target. • Provides an opportunity for visitors to learn about shale barrens, one of the North TSA's unique natural resources. 	<ul style="list-style-type: none"> • Place signage on top of nearby mesa.
<p>Allow bikes on all BVR trails except for the nature study trail near the shale barrens north of Mesa Reservoir.</p>		<p>Provide additional bike opportunities and connections in an area where trails can be sustainably designed for multiple-use.</p>	<ul style="list-style-type: none"> • Provides additional trail connection options for bikes to Papini and Kelso Road and to the Sage Trailhead, • Allow bikes on trails that can be rerouted and better designed for multiple-use. 	<ul style="list-style-type: none"> • The addition of bikes to more trails may contribute to increased visitor conflicts where additional outreach and education may be required to reduce conflictive behaviors.
<p>Provide nature-viewing access at Mesa Reservoir.</p>		<p>Provide visitors with a designated area to enjoy in quiet recreational opportunities and wildlife viewing.</p>	<ul style="list-style-type: none"> • Provide access to view wetland resources. • Create recreation opportunities specifically for visitors looking for a quiet experience. 	<ul style="list-style-type: none"> • Continue closure of the rest of the reservoir to public access. • Protect natural resources. • Do not allow dog access. • OSMP manages Mesa Reservoir through a conservation easement - the State would have to be involved in planning. • The reservoir does not retain water consistently throughout the year. • The reservoir provides good habitat for water fowl. • There is currently no public access. <p><u>Options</u></p> <ul style="list-style-type: none"> • Formalize undesignated trail 258 to provide this access. • Move existing trail closer to shoreline to provide closer access. • Connect trail to the east side to provide access to interesting terrain and provide a better visitor experience.
<p>Create a trail along south side of Papini property connecting to the BVR trail system.</p>		<p>Increase trail connectivity within the North TSA and between surrounding residential areas while protecting natural resources from impacts associated with</p>	<ul style="list-style-type: none"> • Provide connections into the North TSA system that are already being achieved through undesignated trails. • Increase access while minimizing damage to natural resources. • Restore undesignated trails. • Allow access within a fenced corridor to protect natural resources. 	<ul style="list-style-type: none"> • Utilize signage regarding trail closures that is easily changeable so it retains relevance. • Identify the best trail alignment to meet visitor needs in order to mitigate the use or creation of undesignated trails. • Discourage visitors from using private access road.

Action	Interests	Primary Goal	Driving Factors/Benefits	Considerations / Other Options
		undesigned trails and access points.	<ul style="list-style-type: none"> Protect ponds, which may act as native fish refuge, from disturbance with fencing. Provide more public access in order to lessen undesirable and unsafe activities in this area. 	<ul style="list-style-type: none"> Consider impacts to the Loukonen property to the north. <p><u>Other Options</u></p> <ul style="list-style-type: none"> Identify alternate areas to provide water access for visitors.
Define dog access as Voice and Sight on-corridor on trail connecting through the Papini property.		Provide voice and sight dog access on connector trail to improve connectivity for nearby residents and other visitors and enhance voice and sight opportunities.	<ul style="list-style-type: none"> Provide new voice and sight opportunity and connectivity. 	<ul style="list-style-type: none"> Increase in access for dogs may impact wildlife communities and wetland/aquatic resources. Fence should be built protecting pond from recreational disturbance.
Improve Lefthand Trail.		Enhance an existing multi-use trail by improving sustainability with better drainage that connects visitors between the north and south sides of the North TSA.	<ul style="list-style-type: none"> Provides a north-south route with a location that helps conserve and reduce impacts to sensitive natural resources. Improve the physical sustainability of the trail conditions to better accommodate visitors and protect resources. Conserve large habitat blocks. Conserves highly suitable habitat for North TSA focal wildlife species. 	<ul style="list-style-type: none"> Accommodate low-lying areas with undesirable drainage conditions, steep terrain, and difficult soil conditions into trail improvement design plans. Provide access to features that are desirable to the public in order to discourage the creation of undesigned trails. When this trail is used as a north to south connector trail it assists in protecting North TSA focal species highly suitable habitat, rare plants and plant communities and BCCP designated critical wildlife habitat in West Beech and reduces trail density in HCAs. Lefthand Trail was constructed and approved in the North Boulder Valley Area Management Plan to conserve large habitat blocks and provide a north to south connector out to Neva Road.
Designate a connector trail from Lefthand Trail to the Lake Valley Estates neighborhood.		Improve access to North TSA system for local residents.	<ul style="list-style-type: none"> Designate an existing undesigned trail. Provide access for neighborhood and add a sign to clarify area is private property beyond OSMP boundary. 	<ul style="list-style-type: none"> This action would involve using a part of an existing public access easement.
Provide dog access as Voice and Sight on-corridor on Lefthand Trail and designated neighborhood connector trail.		Provide voice and sight dog access on trail to improve connectivity for visitors and enhance voice and sight opportunities.	<ul style="list-style-type: none"> Provide new voice and sight opportunity and connectivity. 	<ul style="list-style-type: none"> Area off-trail corridor will remain a no dog area.
Designate access point for where Lefthand Trail connects to Neva Road.		Designate an access that is served by a designated trail.	<ul style="list-style-type: none"> Designate and manage access point. Provides trail connectivity directly to Neva Road. Safety 	<ul style="list-style-type: none"> Allows visitors that don't need to access a parked vehicle in trailhead to bypass the trailhead to access Neva Road.
Collaborate with Parks and Recreation to determine the best route to connect the proposed Boulder Reservoir Trail to the Eagle Trail.		Increase connectivity opportunities outside of OSMP properties.	<ul style="list-style-type: none"> Keep trail close to 51st Street in existing transportation corridors. 	<ul style="list-style-type: none"> Coordinate with Parks and Recreation to ensure avoidance of sensitive natural resources including wetlands and breeding Northern Harriers. Coordinate with outside agencies. Avoid designated trails through raptor habitats, where possible.
Provide a trail connection from the Boulder Reservoir Trail/Eagle Trail to Niwot Road. Work with partner agencies to		Increase connections between North TSA and other regional destinations.	<ul style="list-style-type: none"> Provide visitors with trails that provide increased transportation connectivity. Allow visitors a safe alternative to current regional connections along busy roads. 	<ul style="list-style-type: none"> Consider implications of trail connections through active agricultural land. Design trail around natural and agricultural resources. Provide effective safety measures at ditch crossings and from agricultural operations.

Action	Interests	Primary Goal	Driving Factors/Benefits	Considerations / Other Options
determine the most feasible trail alignment with a preference for an alignment along 55 th Street.				<ul style="list-style-type: none"> Consider implications of Johnson property around 55th Street being changed to a small, organic farm operation. Align trail parallel to 55th Street or create trail parallel to the feeder canal. <p><u>Other Options</u></p> <ul style="list-style-type: none"> Create trail anywhere between 55th Street and feeder canal.
Define dog access as leashed on the Niwot Road trail connector.		To protect dogs from road traffic this trail connection which will be near 55 th Street and require dogs to be on leash.	<ul style="list-style-type: none"> This connector trail will provide increased connectivity and access for visitors. Increase safety by requiring dogs to be on leash. Increase protection of agricultural resources. 	<ul style="list-style-type: none"> This trail may also be located near a diversified vegetable farm in which case requiring dogs on leash would also protect the crops and/or livestock and minimize any potential conflict.
Horses allowed on all BVR trails, including off-trail equestrian access on East Beech.		Provide equestrians with an opportunity for off-trail experiences.	<ul style="list-style-type: none"> Provide diverse recreation opportunities for equestrians. 	<ul style="list-style-type: none"> Protect sensitive natural resources (especially if off-trail use increases and undesignated trails form). Negatively impacts habitat effectiveness for North TSA focal wildlife species like lark sparrow and rattlesnakes. Abundance of rattlesnakes is a safety concern for off-trail travel. Increases impacts to fragile shale barrens habitats and associated rare plants. Increases likelihood of undesignated trail creation and decreases likelihood of success in undesignated trail restoration.
Provide public access to Lappin, Lousberg, Papini and B.L.I.P properties while protecting aquatic and wetland resources around ponds by not allowing access to the ponds.		Limit access to aquatic sites that are being managed for species of concern, including native fish.	<ul style="list-style-type: none"> Protect aquatic habitats and species from recreational disturbance. Define visitor access management prescription for important aquatic sites. Enhance agricultural values. 	<ul style="list-style-type: none"> Explain reasoning for restricting access to ponds by using signs with positive messaging about sensitive aquatic resources in order to promote compliance. Identify successful strategies to regulate undesignated/unmanaged access in areas close to residential areas. Several of these ponds are currently closed to public access: <ul style="list-style-type: none"> Lappin property is currently closed to people and dogs. Lousberg Pond is currently Voice and Sight and would become closed to people and dogs. Papini Pond is currently unmanaged and would see reduced trail density and no dog access. B.L.I.P. II and Lappin Ponds are designated as critical wildlife habitat in the Boulder County Comprehensive Plan (BCCP) as they support state-threatened native fish species and would see restrictions of public access. Local neighborhoods use social trails around the Papini Pond to access OSMP land. Identify alternate areas with water access for dogs. <p><u>Other Options</u></p> <ul style="list-style-type: none"> Do not change management prescription as some of these ponds do not have public access, but rather find a way to ensure that access is not created in the future.
Designate eastern shore of BVR pond for public fishing and wading access.		Provide public water access in an area that reduces impacts to wildlife, aquatic and other natural resources.	<ul style="list-style-type: none"> Formalize area for water access Protect northern shore from resource degrading impacts of visitor activities. 	<ul style="list-style-type: none"> Continue seasonal closure of the pond not designated for fishing/wading. Consider additional disturbance to sensitive wetland birds (in addition to northern harriers) There are currently seasonal closures over part of the pond to protect important wildlife species. <p><u>Other Options</u></p> <ul style="list-style-type: none"> Identify alternate potential water access for wading or dogs.

Action	Interests	Primary Goal	Driving Factors/Benefits	Considerations / Other Options
Designate IBM open space easement property as Natural Area and limit public access to on-trail only travel.		Establish a management area designation for the IBM property to guide management actions and create management regulations to accommodate terms of the easement and the property owner's interests.	<ul style="list-style-type: none"> Support efforts of creating the IBM connector trail and define visitor access for this property that OSMP manages as an easement. 	<ul style="list-style-type: none"> The property is managed by OSMP through a property easement. Property owner must be consulted and agree to management actions.
Designate Hart-Jones Exchange property as Natural Area management designation.		Implement Visitor Master Plan (VMP) direction to provide management designation areas for undesignated properties.		
Designate Palo Park property as Natural Area management designation.		Implement VMP direction to provide management designation areas for undesignated properties.		
Improve Americans with Disabilities Act (ADA) access on Eagle and Sage Trails.		Provide more inclusive access for a variety of visitors.	<ul style="list-style-type: none"> Ensure designated use or managed use that allows for wheelchair accessibility. 	<ul style="list-style-type: none"> Consider impacts to wildlife highly suitable habitat, particularly for lark sparrows and prairie rattlesnakes, with any proposed improvements, reroutes or realignments. Design needed improvements to protect sensitive natural resources.
When modifying or installing fencing in implementation of the North TSA, ensure fencing is wildlife friendly.		Replace current barbed-wire fences with less harmful barriers and install new fences with wildlife friendly design.	<ul style="list-style-type: none"> Protect wildlife from unsafe fencing. Enhance wildlife corridors while balancing livestock control measures. 	<ul style="list-style-type: none"> Assess cost of replacing all harmful fences. Consider impacts of new fences on livestock control and visitor safety/access.
WONDERLAND LAKE SUBAREA				
Create Wonderland Lake fishing pier and two educational hardened pullout areas on the peninsula with increased beach access on the western edge of the peninsula.		Provide more diverse and inclusive visitor experience with increased opportunities to access water, fish and enjoy the features of the lake's resources.	<ul style="list-style-type: none"> Provide additional fishing access in an urban and easily accessible setting. Increase opportunities for education. Enhance safety for pedestrians around those who are fishing. Concentrate access points to protect vegetation in other areas around the lake. Provide better opportunities for interpretive tours. Create opportunities for families and youth. 	<ul style="list-style-type: none"> The dam-side of the lake is deep enough for fishing access. Deep water (17 ft.) raises issues of safety and feasibility. Limited space in a high-traffic area would require a design with this in mind. Access road to the northeast is challenging for Colorado Parks and Wildlife (CPW) to stock lake with fish. Shoreline vegetation protection measures should be assessed. Pier would have to be assessed for suitable access for all activities, including fishing, hiking, ADA access, and possible visitor activity conflicts. OSMP staff is working with Parks and Recreation staff to close southern access points to dogs. Wonderland Lake dam and peninsula have enough room to build piers. Dam shoreline has the deepest water in the lake. There is ongoing work in this area to better protect shore-line vegetation. South and west shorelines are shallow and do not offer optimal water access. Construct a traditional t-shaped fishing pier with modifications to better accommodate educational group use. Consider a wider pier for ADA accessibility. <p><u>Other Options</u></p> <ul style="list-style-type: none"> Maintain current access points without change. Create two piers: one for educational tours and another for fishing. Allow water access at Fourmile Creek Bridge 100 feet up and down with an opportunity for interpretive programming.

Action	Interests	Primary Goal	Driving Factors/Benefits	Considerations / Other Options
<p>Increase nature study and interpretive opportunities on Wonderland Peninsula by adding access to the cattail marsh on north side of peninsula.</p>		<p>Provide more diverse and inclusive visitor experience including increasing opportunity for the public, school groups, and natural study groups to experience a cattail marsh.</p>	<ul style="list-style-type: none"> • Increase opportunities for education. • Concentrate access points to protect vegetation in other areas around the lake. • Provide better opportunities for interpretive tours. • Create opportunities for families and youth. 	<ul style="list-style-type: none"> • Limited space in a high-traffic area would require an intentional design. • Shoreline vegetation protection should be addressed. • There is ongoing work in this area to better protect shore-line vegetation. <p><u>Other Options</u></p> <ul style="list-style-type: none"> • Maintain current access points without change. • Create two piers: one for educational tours and another for fishing. • Construct an elevated boardwalk over wetlands. • Create boardwalk experience in northeastern cove of Wonderland Lake. • Design an out-and-back trail with a small loop at the end.
<p>Construct hardened pullouts for interpretive programming around Wonderland Lake.</p>		<p>Increase opportunities for meaningful interpretive programming that minimizes visitor disruption.</p>	<ul style="list-style-type: none"> • Provide gathering points for interpretive programming. • Mitigate visitor conflicts between children on interpretive tours and other visitor activities. • Locate pullout areas to avoid impacts to riparian or wetland areas. 	<ul style="list-style-type: none"> • Protect riparian areas. • Hardened pullouts can be as small as 6 feet or much larger, depending on the amount of people it will accommodate and the resources and terrain of suitable locations. • Preserve the viewshed of neighbors in the area.
<p>Create space for interpretive programming on Wonderland Lake peninsula.</p>		<p>Increase opportunities for meaningful interpretive programming in a manner that minimizes damage to important natural resources.</p>	<ul style="list-style-type: none"> • Provide more opportunities for children to experience OSMP. • Utilize land that has not been particularly receptive to revegetation efforts. • Mitigate conflicts between fishing and pedestrian access. 	<ul style="list-style-type: none"> • Construct trail close to the lake only if children are allowed water access. <p><u>Other Options</u></p> <ul style="list-style-type: none"> • Create a loop from northeast portion of Wonderland Lake to the cottonwood trees on the northern shore. <ul style="list-style-type: none"> ◦ This action would require wetland permits, but permitting is unlikely due to crossing emergency spillway and wetland habitat impacts. • Create a loop from the northeast portion of lake to anywhere along the shore that does not damage important riparian habitat. • Preserve the viewshed of neighbors in the area.
<p>Create an opportunity to access desirable geological features in Fourmile Creek.</p>		<p>Provide access to cross-cut views of rocks and soil minimizing impacts to natural resources at Fourmile Creek.</p>	<ul style="list-style-type: none"> • Provide visitors the opportunity to see examples of earth cycles and fossils through interpretive programming. 	<ul style="list-style-type: none"> • Avoid rare plant communities. • Consider impact on interpretive tours not being able to access Old Kiln. • Identify strategies to discourage visitors from visiting fossil beds through undesignated trails or continuing to use travel routes up the creek bed. • Stabilize Old Kiln structure. • Some community interest in the repair of trails around Lime Kiln. • Area around Old Kiln is a passive recreation area and public access can only be limited through education or enacting access closures. • Replacing the previous Old Kiln Trail is not likely to be approved through required wetland permits due to natural resource impacts existing post-flood. • This area offers a unique opportunity for an interpretive experience regarding earth cycles.
<p>Construct shade structure near Wonderland Lake Trailhead</p>		<p>Provide a shade structure where education and other small groups are able to gather prior to visiting the Wonderland Lake area.</p>		
<p>Cooperate with Parks and Recreation to create designed nature play experiences on their property and support appropriate passive recreation aspects to carry over onto adjacent OSMP land.</p>		<p>The goal of nature play is to create a greater appreciation for, and awareness of, the natural environment by youth.</p>	<ul style="list-style-type: none"> • Collaborate on nature play opportunities compatible for OSMP lands that can promote daily contact with the natural environment and outdoor space. • Diminishing habitats, parental safety concerns, increasing access to technology and even over-structured lifestyles have contributed to a growing lack of contact with nature for many children. 	<ul style="list-style-type: none"> • Nature play opportunities must be consistent with OSMP passive recreation requirements and consistent and suitable for OSMP lands.
<p>Do not replace the extensively flood damaged sections of the northern loop of Old Kiln Trail and restore and revegetate the</p>		<p>Preserve unique resources in this area and restore the sections of trail that sustained extensive flood damage.</p>	<ul style="list-style-type: none"> • Protect rare plants and unique geological features. • Reduce recreational access and visitor related impacts in sensitive riparian habitat. 	<ul style="list-style-type: none"> • Rebuilding the trail is not feasible given the extensive damage and existing terrain is unsuitable for sustainable trail development. • Designating the current undesignated trail is not desirable due to impacts on

Action	Interests	Primary Goal	Driving Factors/Benefits	Considerations / Other Options
trail.			<ul style="list-style-type: none"> Restore vegetation. 	<p>natural resources and the associated regulated resources (wetlands).</p> <ul style="list-style-type: none"> Approximately 50 percent of this trail was irreparably damaged in the flood. Visitors will create access in this area if it is not provided via designated trails. <p><u>Other Options</u></p> <ul style="list-style-type: none"> Retain existing situation and manage an unsustainable and difficult trail to maintain. Reroute Old Kiln Trail to retain access to the area while avoiding riparian areas. Constructing a new trail would be challenging due to terrain and impacts to rare plant communities.
<p>Create a loop trail connection including re-routes of existing trails, paragliding access trails and undesignated trails to provide more sustainable connections to paragliding launch sites and replace undesignated trail connections.</p>		<p>Provide designated and more sustainable trail alternatives to current undesignated trails, while avoiding sensitive natural resources. Improve access and visitor experience for recreational opportunities.</p>	<ul style="list-style-type: none"> Close and restore undesignated trails and access points. Provide designated and more sustainable trail connections. Design a more sustainable access for paragliding. Possibly separate visitor activities to mitigate visitor conflicts. Change current access points in this subarea. Create a better experience for paragliders. 	<ul style="list-style-type: none"> Identify strategies to preempt visitors continuing to use undesignated trails that are more direct. Consider equestrian access on at least one loop. Trail development and undesignated trails impact wildlife habitat, rare plant communities and the highly suitable habitat for North TSA focal species including bluestem dependent butterflies and lark sparrow. Identify interests of visitors who regularly use the undesignated trails in this area. Discourage visitors from using undesignated trails that cross the proposed trail. Terrain is difficult and could make the trail construction more expensive. The rerouted sections will have a greater negative impact on wildlife habitat Important habitat could be degraded with new trail construction. Collaborate with paragliding community to encourage use of rerouted access. <p><u>Other Options</u></p> <ul style="list-style-type: none"> Create a larger loop that connects to the existing trail connections. Designate existing undesignated trails that are less sustainable, flood damaged and difficult to maintain and keep visitors on a trail tread.
<p>Reroute portion of Wonderland Lake Trail just north of where it connects into Foothills South Trail to increase sustainability while minimizing impacts to New Mexican feathergrass in the area.</p>		<p>Provide a more sustainable trail, while avoiding sensitive natural resources.</p>	<ul style="list-style-type: none"> Provide a more sustainable trail connection. 	<ul style="list-style-type: none"> This will require coordination with the ditch company. It will be challenging to minimize impacts to the rare New Mexican feathergrass plant community and other natural resources in this area. Restoration of decommissioned trail section will be an important part of protecting rare plant community into the future, but will be challenging. Poor trail conditions need to be improved.
<p>Designate undesignated access points that connect with new or existing trail alignments.</p>		<p>Formalize and bring access points up to sign and infrastructure standards.</p>	<ul style="list-style-type: none"> Provide designated access points connected to designated trails to encourage visitors to not use or create undesignated trails. Increase connectivity between North TSA and neighboring residences. 	
<p>Allow wading access in Wonderland Lake from the peninsula in designated areas.</p>		<p>Provide unique water opportunity for improved visitor experience and nature study for youth.</p>	<ul style="list-style-type: none"> Access to water for visitors. Increase consistency and ease of regulation in this area. Would occur in location where impacts to natural resources can be mitigated. 	<ul style="list-style-type: none"> Since this is an on-leash area, dogs would only be able to access the water while on-leash. The transportation of mussels, snails, and fungus in this area is of low risk.
<p>Support efforts to create a safer crossing from bus stop on Broadway to access the Foothills Nature Center.</p>		<p>Provide better, more diverse and safer access to the North TSA.</p>	<ul style="list-style-type: none"> Create a safer and more visible way to cross Broadway for visitors accessing Wonderland Lake by bus. Make North TSA accessible without cars. 	
<p>OSMP is assessing and preparing plans for the future vision of the Foothills Nature Center and associated trailhead as part of a</p>		<p>A separate building and site assessment process will determine potential changes to the Foothills Nature Center and Trailhead.</p>		

Action	Interests	Primary Goal	Driving Factors/Benefits	Considerations / Other Options
separate planning process.				
Conserve New Mexico feathergrass communities along Foothills Trail.		Prevent future trail realignment from harming important plant communities.	<ul style="list-style-type: none"> Design trail reroutes to be least impactful on rare and sensitive natural resources. 	
Improve ADA access around Wonderland Lake.	    	Provide more inclusive access to all types of visitors at Wonderland Lake Trail.		
Do not allow bikes on Wonderland Hill loop trails or on the peninsula.	 	Trails not designed in steep terrain or near wetland for multiple-use.		
Allow sledding on the Wonderland Lake dam.		Provide a suitable location to allow sledding.	<ul style="list-style-type: none"> Site is not a designated location for sledding and use of the site by families with small children currently is illegal. Provide sledding access in an area that does not damage natural resources. Provide access in an area that does not have safety concerns. 	<ul style="list-style-type: none"> Mainly small children sled on the dam. Formalizes an area where small children have enjoyed sledding.
Close Wonderland Lake to ice skating.		Increased safety		
Continue to fence south shore of Wonderland Lake and close for resource protection.		Conserve natural resources	<ul style="list-style-type: none"> Other areas of the lake have been opened up for increased water access, fishing access and interpretive opportunities, therefore, this area that includes more sensitive resources will remain closed. 	
Do not allow boats or belly boats on Wonderland Lake.	 	Conserve natural resources	<ul style="list-style-type: none"> Provides greater protection of lake and wetland natural resources. Designated fishing access off of the dam and peninsula, along with a pier provide opportunities for fishing. 	
NORTH FOOTHILLS SUBAREA				
Retain designation of the Joder property as a Habitat Conservation Area (HCA).	   	Designate Joder based on sensitive habitat and resources that exist there and are a consistent extension of habitats and species in North Foothills TSA.	<ul style="list-style-type: none"> Manage and design recreational opportunities to conserve sensitive natural resources found on the Joder Property. Offers greater protection to sensitive resources including rare plants and plant communities, highly suitable habitat for North TSA focal species, globally imperiled grassland dependent butterflies, lazuli bunting, lark sparrow, and prairie rattlesnake. Identified as very high biodiversity area by Colorado Natural Heritage program. Contains critical wildlife habitat identified in Boulder County Comprehensive Plan. Joder property creates a larger habitat block with the high quality habitat seen south in North Foothills HCA. Ensures trail development and visitor access are considered in the context of the important natural resources. On trail requirements help conserve resources with the development of a trail system in areas of high quality habitat. 	<ul style="list-style-type: none"> Consider impact of having varying levels of trail development within an HCA. Define dog access based on HCA designation. Honor HCA designation by not drastically increasing trail density. Concentrate recreation in other areas of the TSA with a passive recreation designation. <p><u>Other Options</u></p> <ul style="list-style-type: none"> Split Joder into subsections with different designations, Natural Area and HCA. Designate Joder as a Natural Area. <ul style="list-style-type: none"> This designation could make it challenging to restore undesignated trails and conserve the rare and sensitive natural resources and maintain larger habitat blocks. Designation would not be consistent with contiguous habitat of similar natural resource value that is currently designated as HCA.

Action	Interests	Primary Goal	Driving Factors/Benefits	Considerations / Other Options
Retain Joder Interim Trailhead.		Provide equestrian and large-vehicle parking.	<ul style="list-style-type: none"> Reconfigure interim trailhead to accommodate four horse trailers or large vehicles. Provides access for equestrians and school groups to the Joder Property and prevents the need for equestrians/school groups to cross US 36 to enter Joder. Other parking options are considered for passenger vehicle parking. 	<ul style="list-style-type: none"> Coordinate with CDOT and Boulder County Transportation to ensure proper traffic control measures are taken along US 36.
Reroute portion of Joder Interim Trail to Buckingham.		Improve trail sustainability and visitor experience.	<ul style="list-style-type: none"> Reroute this section of the Interim Trail to improve the sustainability and reduce the trail grade. 	<ul style="list-style-type: none"> Avoid rare plant communities. Conserve butterfly habitats and minimize re-route impact on butterfly highly suitable habitat.
Coordinate with Boulder County to explore a formalized trail to provide pedestrian-only access to the Six-Mile Fold area.		Provide designated access from the Interim Joder Trail and Trailhead to the Six-Mile Fold area.	<ul style="list-style-type: none"> Provides additional trail connections. Provides additional interpretive opportunities. 	<ul style="list-style-type: none"> Default to Boulder County dog regulations on proposed trail. Conserve abundant rare plant communities. Address impacts of increased traffic due to new connectivity and access in Joder. Coordinate with Boulder County in order to identify strategies that encourage visitors from collecting fossils. Construct trail in a sustainable manner even though the terrain may be challenging.
Re-route Foothills Trail where it connects to Hogback Trail and east to US 36.		Construct a more sustainable trail.	<ul style="list-style-type: none"> Increase trail sustainability. Improve trail quality to encourage visitors to stay on-trail. Improve recreation opportunities in area heavily damaged by flood. 	<ul style="list-style-type: none"> Avoid rare plant communities. Conserve butterfly habitats and minimize re-route impact on butterfly highly suitable habitat. High rattlesnake activity in this area. Mitigate impacts on cultural resources. Address safety concerns associated with recreation in a high-density rattlesnake area. Will move trail into prairie dog colony.
Re-route Hogback Trail.		Construct a more sustainable trail.	<ul style="list-style-type: none"> Increase trail sustainability. Improve trail quality to encourage visitors to stay on-trail. Improve recreation opportunities in area heavily damaged by flood. Maintain a pedestrian and equestrian-only trail. Improve visitor safety by re-routing trail to avoid high-density rattlesnake areas. 	<ul style="list-style-type: none"> Avoid rare plant communities. Conserve highly suitable habitat for North TSA focal species including bluestem dependent butterflies, lark sparrow and prairie rattlesnake. Mitigate impacts on cultural resources. Do not allow dogs and bikes. Address safety concerns associated with recreation in a high-density rattlesnake area. Dogs and bikes are allowed on Foothills Trail, but not on new Hogback Trail alignment.
Allow horses on Joder Trail Connection, Joder loops, and Joder Interim Trail.		Provide equestrian access to an area with a history of equestrian use.	<ul style="list-style-type: none"> The Joder Ranch had a long history as an equestrian facility with many bridal paths. Providing horse access on the Joder Trails provides a link to the history of use of this property. 	
Designate dog access as on-leash on Joder Interim Trail.		Provide opportunity for visitors with dogs to enjoy Joder trails in an area of sensitive natural resources.	<ul style="list-style-type: none"> Consistent with HCA designation of Joder property. 	
Designate dog access as leashed-only on Six-Mile Fold connector trail.		Provide consistency with county dog-management strategies.		

Action	Interests	Primary Goal	Driving Factors/Benefits	Considerations / Other Options
Continue to not allow dogs on Hogback Trail.	 	Maintain Hogback Trail as a no dog trail opportunity.	<ul style="list-style-type: none"> • Maintains habitat effectiveness for North TSA focal wildlife species. • Minimizes safety risks associated with high density rattlesnake area. • Maintains no dog opportunity in North TSA. 	
Continue to not allow bikes on Hogback Trail.	 	Maintain no-bike opportunity.		
Designate Dagle II property as Natural Area management designation.	 	Implement VMP direction to provide management designation areas for undesignated properties.	<ul style="list-style-type: none"> • Consistent with adjacent Wright and Dagle I management designations. 	
Designate Dakota Ridge Village property as Passive Recreation Area management designation.	 	Implement VMP direction to provide management designation areas for undesignated properties.		
Do not allow horses at Buckingham Trailhead and picnic trails.	 	Trailhead is not designed for trailer parking and trails provide access to recreational amenities.		
Do not allow hang gliding access at Swift Site.	  	Do not create a new hang gliding launch site in an area with many constraints.	<ul style="list-style-type: none"> • Do not create a launch site with no nearby, viable landing site. • Do not allow activities that require off-trail access or require a single activity access trail in an HCA. 	<ul style="list-style-type: none"> • Consistent with VMP guidance and past determination by OSMP. • Safety issue with US 36 nearby. • Compromises habitat with takeoff zones, landing zones in an HCA. • Compromises raptor use of the area. • Impacts rare plant communities and North TSA conservation targets. • Designated launch sites approved in Wonderland Lake area.
NORTHERN PROPERTIES SUBAREA				
Designate Berman Brothers as Agricultural management area.	  	Implement VMP direction to provide management designation areas for undesignated properties.		<ul style="list-style-type: none"> • Protect wetlands along the southern property edge. • Do not create parking as it would greatly encourage use. • This property has been recommended for agricultural designation in the past. • There is no significant infrastructure on this property.
Designate Stratton Property as Natural Area management designation and do not allow public access to Stratton property to focus on pond restoration.	  	Implement VMP direction to provide management designation areas for undesignated properties and create healthy habitats for native amphibians, native fish, and potentially Preble's jumping mouse through pond restoration efforts.	<ul style="list-style-type: none"> • Create healthy habitats for native amphibians, native fish, and potentially Preble's jumping mouse. • Manage to eliminate non-native fish in ponds, as they are all connected. 	<ul style="list-style-type: none"> • Protect important natural resources throughout the property. • Stratton is an active agriculture site. • Stratton is the least irrigated of the northern properties. • There is only one pull off along the road on the north side of the property. • This property most likely will not be evaluated for vegetable farming due to lack of existing infrastructure. • This property may be reevaluated when the agriculture plan is complete. • Colorado Parks and Wildlife is interested in restoring this habitat for native fish. • OSMP provides formal access in areas that are managed specifically for recreational activities, otherwise infrastructure is not provided. • Demographics of visitors to this property and other northern properties are unknown.
Close Stratton, Campbell, Hester, Deluca, Waldorf, Ryan, Andrea, and Jacob to public access.	  	Limit public access on northern properties with high ecological value to conserve important habitat for sensitive species.	<ul style="list-style-type: none"> • Protect properties of the highest ecological concern. • Conserves highly suitable habitat for North TSA focal wildlife species. 	<ul style="list-style-type: none"> • Protect bobolink and associated habitat on Deluca, Hester, and Campbell. • Protect heavy elk use adjacent to County preservation area on Ryan, Andrea, Jacob, Waldorf • Stratton is an active agriculture site. • Stratton is the least irrigated of the northern properties. • Ryan, Andrea, Waldorf and Jacob are part of a large elk migration corridor across US 36.

Action	Interests	Primary Goal	Driving Factors/Benefits	Considerations / Other Options
				<ul style="list-style-type: none"> • Waldorf has geological resources important to conserve. • Elk jump on the bottom corner of Waldorf is used heavily. • Nesting northern harriers on Ryan/Andrea/Jacob complex