View south from the North Foothills Subarea. © Gary Stevens.

North TSA Plan Recommendations

North TSA-Wide

MAP 1: North TSA-Wide - Management Area Designations

Actions T1 to T9

Provide management area designations for properties without designations to guide management actions.

*Interests Met: 4**

- *Retain the Joder and Cox property designation (**T1**) as a Habitat Conservation Area (HCA) and implement as part of the North Foothills HCA.*
- *Designate Dagle II (**T2**), Stratton (**T5**), Lappin (**T6**), IBM open space easement (**T7**), Hart-Jones Exchange (**T8**) and Palo Park (**T9**) properties as Natural Areas.*
- *Limit public access to on trail travel on IBM open space easement property.*
- *Designate Dakota Ridge Village (**T3**) property as a Passive Recreation Area.*
- *Designate Berman Brothers (**T4**) property as an Agricultural Area.*

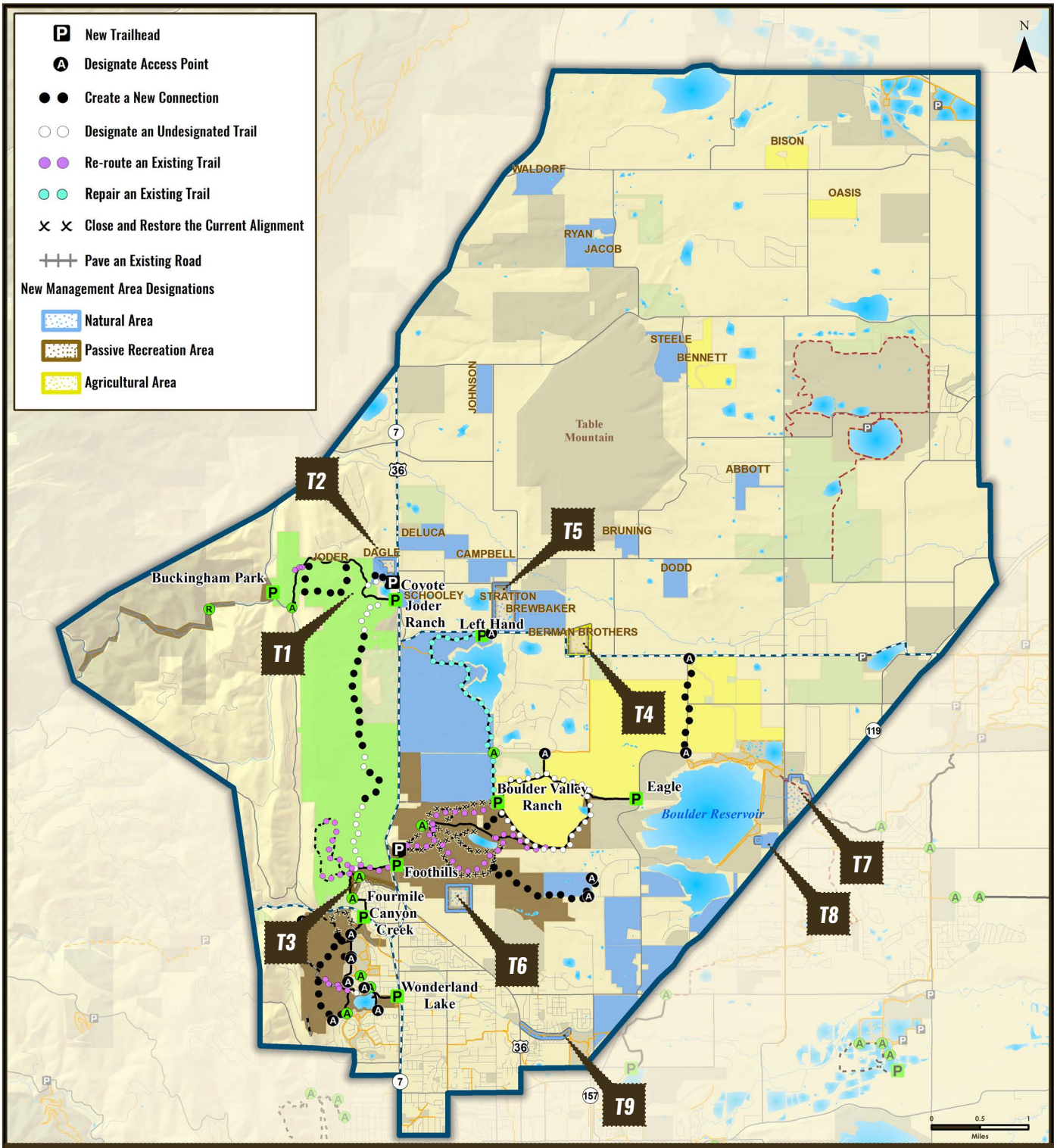
Primary Goal

- *Implement VMP direction to provide management area designations for properties without designations to guide management actions.*

Driving Factors/Benefits

- *Joder: includes sensitive habitat and resources that are a consistent extension of habitats and species in North Foothills HCA.*
- *Dagle II: natural area designation is consistent with adjacent Wright and Dagle I management designations.*
- *Dakota Ridge: adjacent to North Foothills Trail and adjoining passive recreation management area.*
- *Berman Brothers: this property has been designated as an agricultural land of statewide importance-suitable for hay production or grazing.*
- *Stratton: protect important resources and create healthy habitats for native amphibians, native fish, and, potentially, Preble's meadow jumping mouse.*
- *Lappin: protect important plant and aquatic species as well as shale barrens habitat.*
- *IBM: support creation of the IBM connector trail.*
- *Hart-Jones Exchange: protect riparian areas and rare plant community habitat.*
- *Palo Park: protect riparian area of Fourmile Canyon Creek.*

**See Appendix D for a list of interests met by each action.*



MAP 1: North TSA-Wide - Management Area Designations

- North Trail Study Planning Area
- North Trail Study Subareas
- OSMP Trailhead
- OSMP Access Point
- OSMP Recreational Feature Access
- Boulder County Trailhead
- OSMP Hiking/Equestrian Trail
- OSMP Multi-Use Trail
- OSMP Gliding Access
- Non-OSMP Managed Hiking Trail
- Non-OSMP Managed Multi-Use Trail
- Non-OSMP Planned Trail
- Agricultural Area
- Habitat Conservation Area
- Natural Area
- Passive Recreation Area
- OSMP Easement or Jointly Owned, County-Managed Land
- Other Government Land

Trail changes are depicted conceptually. Actual trail alignments will differ.

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MAP 2: North TSA-Wide - Recommendations

Actions T10 to T15

Collaborate with partner agencies to create regional connections.

*Interests Met: 3**

As opportunities arise, collaborate with partner agencies to create the following regional trail connections in a way that minimizes natural resource impacts.

- (***T10***) *North TSA to Boulder County Parks and Open Space's Heil Valley Ranch. The North TSA Plan does not preclude future public planning processes to assess a regional connector trail connection to Heil Ranch on the Buckingham property.*
- (***T11***) *North TSA to Boulder County Parks and Open Space's Lagerman/Imel/AHI/Open Space Complex.*
- (***T12***) *A Boulder-to-Lyons trail connection including the efforts of the Rocky Mountain Greenway Project.*
- (***T13***) *IBM Connector Underpass and Trail (construction pending).*
- (***T14***) *Fourmile Canyon Creek Trail underpass to Cottonwood Trail (construction pending).*
- (***T15***) *Eagle Trail to the planned Boulder Reservoir Trail.*

Primary Goal

- *Enhance regional trail connectivity.*

Driving Factors/Benefits

- *Provide greater opportunities for visitors and interconnectivity among adjacent trail systems.*
- *Coordination and collaboration among OSMP and partner agencies to accomplish regional connections.*
- *Specific to the Eagle Trail to Boulder Reservoir Trail connection: keep trail close to 51st and 55th streets in existing transportation corridors as much as is feasible.*

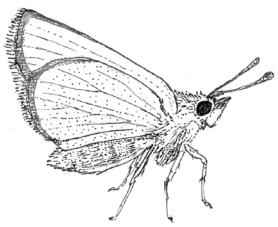
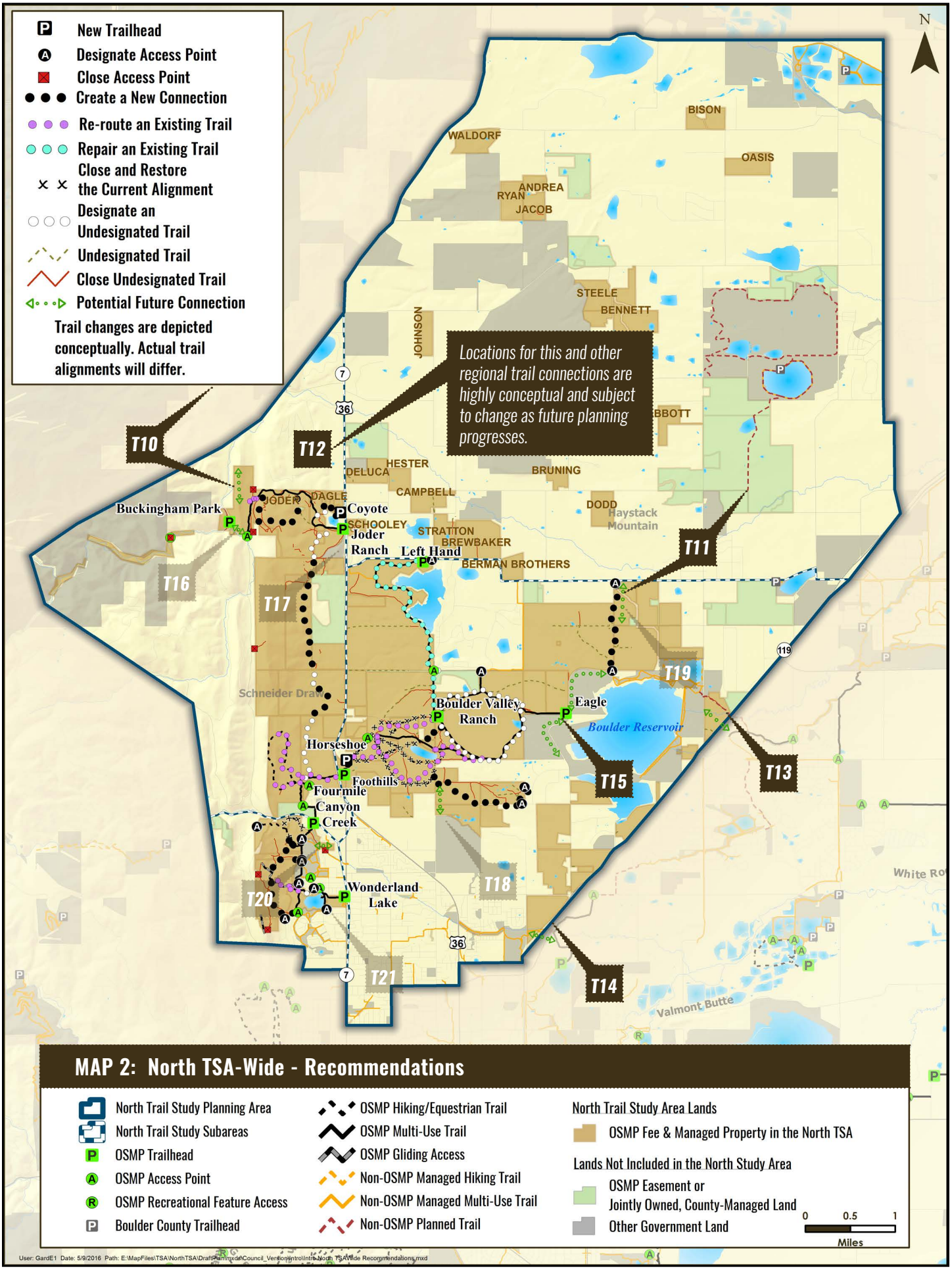


Illustration of a globally rare arogos skipper by OSMP staff Dave Sutherland, prepared for a forthcoming interpretive sign at Joder Ranch.

*See Appendix D for a list of interests met by each action.


New Trailhead
Designate Access Point
Close Access Point
Create a New Connection
Re-route an Existing Trail
Repair an Existing Trail
Close and Restore the Current Alignment
Designate an Undesignated Trail
Undesignated Trail
Close Undesignated Trail
Potential Future Connection
Trail changes are depicted conceptually. Actual trail alignments will differ.
Locations for this and other regional trail connections are highly conceptual and subject to change as future planning progresses.
N
BISON
WALDORF
OASIS
ANDREA
RYAN
JACOB
STEELE
BENNETT
JOHNSON
ABBOTT
BRUNING
HESTER
DELUCA
CAMPBELL
DODD
Haystack Mountain
Buckingham Park
JODER
DAGLE
Coyote
SCHOOLEY
Joder Ranch
STRATTON
BREWBAKER
Left Hand
BERMAN BROTHERS
Schneider Draw
Boulder Valley Ranch
Eagle
Boulder Reservoir
Horseshoe
Foothills
Fourmile Canyon Creek
Wonderland Lake
White Ro
Valmont Butte
T10
T11
T12
T13
T14
T15
T16
T17
T18
T19
T20
T21
7
36
119
MAP 2: North TSA-Wide - Recommendations
North Trail Study Planning Area
North Trail Study Subareas
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OSMP Access Point
OSMP Recreational Feature Access
Boulder County Trailhead
OSMP Hiking/Equestrian Trail
OSMP Multi-Use Trail
OSMP Gliding Access
Non-OSMP Managed Hiking Trail
Non-OSMP Managed Multi-Use Trail
Non-OSMP Planned Trail
North Trail Study Area Lands
OSMP Fee & Managed Property in the North TSA
Lands Not Included in the North Study Area
OSMP Easement or Jointly Owned, County-Managed Land
Other Government Land
0 0.5 1
Miles
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MAP 2: North TSA-Wide - Recommendations, continued

Actions T16 to T20

Collaborate with partner agencies to create local trail connections.

*Interests Met: 3**

- *As opportunities arise, collaborate with partner agencies to create the following local trail connections in a way that minimizes natural resource impacts.*
- *(**T16**) Joder Trail to Buckingham Park via Olde Stage Road (in progress).*
- *(**T17**) Joder Ranch and Boulder County's Six-Mile Fold. Boulder County will conduct its own public planning process to determine access and management of visitors on Six-Mile Fold. OSMP will coordinate with the county's planning efforts to determine if and where trails could be located in this area.*
- *(**T18**) City of Boulder's Area III park site to the North TSA.*
- *(**T19**) Boulder Reservoir to Niwot Road.*
- *(**T20**) Fourmile Canyon Creek Greenway path to Foothills Community Park.*

Primary Goal

- *Enhance local trail connectivity.*

Driving Factors/Benefits

- *Provide greater opportunities for visitors and interconnectivity among adjacent trail systems.*
- *Increase coordination and consistency among OSMP and partner agencies.*
- *Specific to Joder Ranch and Boulder County's Six-Mile Fold connection: Provide additional interpretive opportunities.*
- *Specific to Area III park site connection: (1) Work with partner agencies on a north-south trail connection from northern Boulder neighborhoods to North TSA; and (2) Increase accessibility for neighbors to the North TSA.*
- *Specific to Fourmile Canyon Creek Greenway path to Foothills Community Park connection: Connection accepted by City Council in the Greenways Master Plan.*

Action T21

Designate undesignated access points that connect with new or existing designated trails.

*Interests Met: 4**

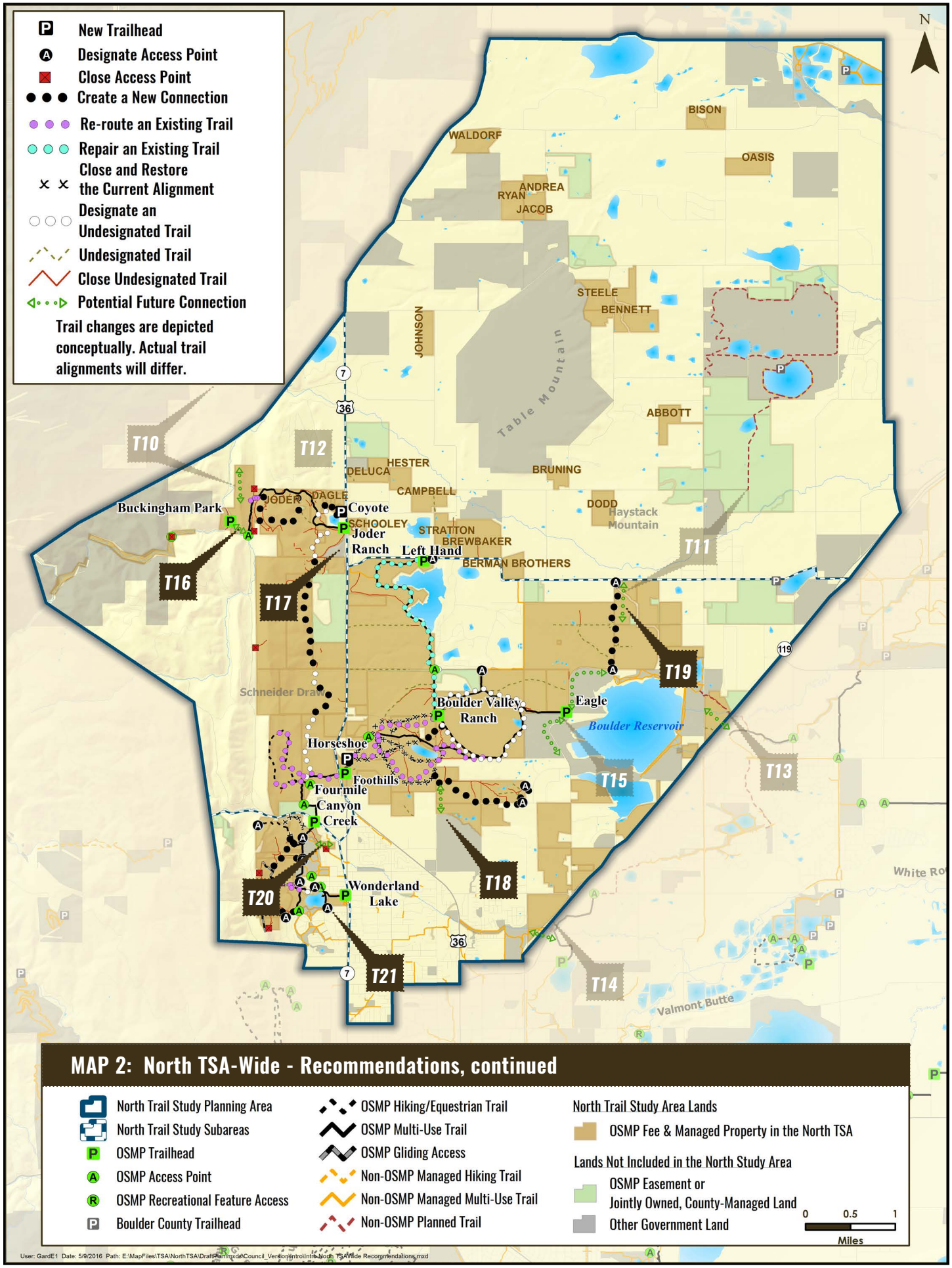
Primary Goal

- *Provide managed public access to designated trails to encourage visitors to use designated trails.*

Driving Factors/Benefits

- *Establish clearly identified designated trail access points.*
- *Identify infrastructure and maintenance standards for access points.*
- *Improve connectivity between North TSA and publicly accessible areas.*
- *Minimize impacts to natural resources as connections are improved.*

*See Appendix D for a list of interests met by each action.



MAP 2: North TSA-Wide - Recommendations, continued

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- OSMP Access Point
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- OSMP Hiking/Equestrian Trail
- OSMP Multi-Use Trail
- OSMP Gliding Access
- Non-OSMP Managed Hiking Trail
- Non-OSMP Managed Multi-Use Trail
- Non-OSMP Planned Trail

North Trail Study Area Lands

- OSMP Fee & Managed Property in the North TSA

Lands Not Included in the North Study Area

- OSMP Easement or Jointly Owned, County-Managed Land
- Other Government Land

0 0.5 1 Miles

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ADDITIONAL ACTIONS: North TSA-Wide - Recommendations

Action T22 Bring all trails up to standards.

*Interests Met: 4**

» *Conduct maintenance activities to bring trails up to OSMP sustainable trail guidelines.***

Primary Goal

» *Increase trail sustainability to protect the OSMP trail system over the long term while providing a quality visitor experience.*

Driving Factors/Benefits

» *A sustainable trail is physically, ecologically and economically sustainable over time.*

» *Ensure trails maintain their character over time and encourage on-trail use.*

» *Use ecological best management practices as work is planned and implemented to minimize erosion and locate trails in a manner that minimizes impacts to surrounding natural and cultural resources.*

» *Upgrade trails so they will require minimal maintenance and financial resources over the long term.*

Action T23 Bring all trailheads and access points up to standards.

*Interests Met: 4**

» *Update, replace and install infrastructure to bring existing trailheads and access points up to OSMP standards.***

Primary Goal

» *Install appropriate and functioning infrastructure at each trailhead and access point to provide a safe, consistent and quality visitor experience.*

Driving Factors/Benefits

» *Provide visitors with safe, well-maintained and functioning infrastructure (e.g., easy to understand signs, toilets, safe parking access, etc.)*

» *Upgrade infrastructure so that it is less difficult and costly to maintain over time.*

Action T24 Remove unnecessary fencing and use wildlife friendly fencing.

*Interests Met: 3**

» *Remove fencing that is no longer serving a function and when modifying or installing fencing in implementation of the North TSA, ensure fencing is wildlife friendly.*

Primary Goal

» *Remove fences no longer serving a purpose and replace barbed-wire fences with less harmful barriers.*

Driving Factors/Benefits

» *Remove fences to improve visitor experience and resource conservation.*

» *Enhance wildlife corridors while balancing livestock control measures.*

» *Install new fences with wildlife friendly design.*

**See Appendix D for a list of interests met by each action.*

*** OSMP trail and trailhead standards available in the North TSA Inventory and Assessment Report. For current information about OSMP standards, visit osmp.org.*

Primary Goal

» *Create larger areas of unfragmented habitat by closing, revegetating or restoring undesignated trails that have not been designated through the North TSA process.*

Driving Factors/Benefits

» *Eliminate undesignated trails that are redundant and unmanaged trail connections.*

» *Improve conservation of rare plant communities and other sensitive resources.*

» *Offset resource impacts of providing new trail connections.*

***IMPORTANT NOTE*: The North TSA Plan recommendations will result in some undesignated trails being integrated into the designated trail system and other undesignated trails being closed and vegetation restored. A few undesignated trails are used for authorized vehicle access and will be retained for this purpose.**

North TSA Plan Recommendations for Undesignated Trails	Miles
Integrate into OSMP Trail System	4.7
Close and Restore Vegetation	22.7
Retain for Authorized Vehicle Access	7.9
Total	35.3

Action T25 Allow natural revegetation or restore all undesignated trails not integrated into designated trail connections.

*Interests Met: 4**

» *Assess and prevent the introduction and spread of priority invasive plants along new trail connections and decommissioned or undesignated trail sections under restoration.*

Primary Goal

» *Conserve and restore high-quality native plant communities and rare plant communities.*

Driving Factors/Benefits

» *Share information about the resource impacts associated with the spread of invasive plants and ways visitors can help prevent or minimize this issue.*

» *The North Foothills HCA is an area of high importance for this action.*

Action T26 Assess and prevent the introduction and spread of priority invasive plants.

*Interests Met: 2**

Primary Goal

» *Share information with visitors about the ecology, natural features, habitats, plants and animals in various locations throughout the North TSA, including North Foothills HCA, Boulder Valley Ranch and Wonderland Lake.*

Driving Factors/Benefits

» *Increase public awareness and understanding of interesting or unique natural resources.*

» *Improve compliance with regulations through programs directed at resource protection.*

Action T27 Create interpretive information and messages about unique, rare and sensitive resources.

*Interests Met: 2**

**See Appendix D for a list of interests met by each action.*