



SANDY CITY COMMUNITY DEVELOPMENT

JAMES SORENSEN
COMMUNITY DEVELOPMENT
DIRECTOR

KURT BRADBURN
MAYOR

MATTHEW HUISH
CHIEF ADMINISTRATIVE OFFICER

MEMORANDUM

April 18, 2019

To: Planning Commission
From: Community Development Department
Subject: General Plan Amendment - Trails Master Plan
Amending bikeways and bike types

GPA-03-19-5624

HEARING NOTICE: *This item has been noticed on public websites, in the newspaper, and mailed to affected entities.*

REQUEST

The Community Development Department, at the request of the Administration and with the recommendation of the City Staff Bicycle Committee and the Parks and Recreation Department, is proposing to make minor amendments to the Trails Master Plan of the Sandy City General Plan. The amendment proposes revisions to locations and types of certain mapped bikeways and adds a bikeway type to the trail types described in the Trails Master Plan.

BACKGROUND

The City Staff Bicycle Committee was formed by the Administration, and tasked to pursue ways to increase bicycle use in the City. As part of the Bicycle Committee's responsibility, the Committee reviewed the City's Trails Master Plan. The Trails Master Plan addresses various types of non-vehicular routes in the City, both existing and proposed. Upon review of the mapped bikeways, the bike network, in the Trails Master Plan, the Committee identified minor revisions to the bike network that would improve connectivity and functionality, and better relate to surrounding environments. (Maps have been included that depict the existing bike network, the proposed changes, and the proposed bike network.)

The Bicycle Committee also reviewed other relevant plans and documents. One of those is the Salt Lake County Bikeway Design Guide. In an effort to better coordinate with this document and to improve the applicability of bikeway types in Sandy City, the Bike Committee proposed the addition of Neighborhood Byways bikeway type to the City's Trails Master Plan. The proposed amendment describes Neighborhood Byways with the following language:

“Neighborhood byways are low-speed and low-volume shared roadways. They are typically used to provide access and connections to other mapped bike trails. Signage and striping may be used to increase driver awareness that bicyclists may be present.”

A townhall meeting was held on April 10, 2019 at the Alta Canyon Sports Center.

FACTS AND FINDINGS

- The Trails Master Plan was prepared in 2012 and adopted in 2013 as part of the Sandy City General Plan in 2012 (File # GPA-7-12-2455).
- A survey was conducted in 2012 by Dan Jones and Associates that showed a high level of support for trails and trail investment by Sandy City residents.
- The mapped trails provide direction for the use of resources utilized for existing trails and guidance to establish future trail infrastructure.
- With the proposed changes, every home in Sandy City would be within a 1/3 mile of a mapped bicycle trail access.

STAFF RECOMMENDATION

Staff recommends that the Planning Commission forward a positive recommendation to the City Council to adopt the proposed bikeway revisions to the Trails Master Plan of the Sandy City General Plan.

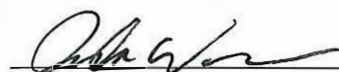
ALTERNATIVES

- Forward a positive recommendation of the proposed amendment to the City Council
- Forward a negative recommendation of the proposed amendment to the City Council
- Forward a recommendation proposing a modified amendment to the City Council
- Table the decision

ATTACHMENTS

- Bicycle Network Maps
 - 2013 Trails Master Plan (existing network)
 - Proposed New Additions (changes only)
 - 2019 Trails Master Plan (proposed network)
- Trails Master Plan-replacement pages
 - Pages 11-13 (change copy)
 - Maps A-J (proposed)

Planner:



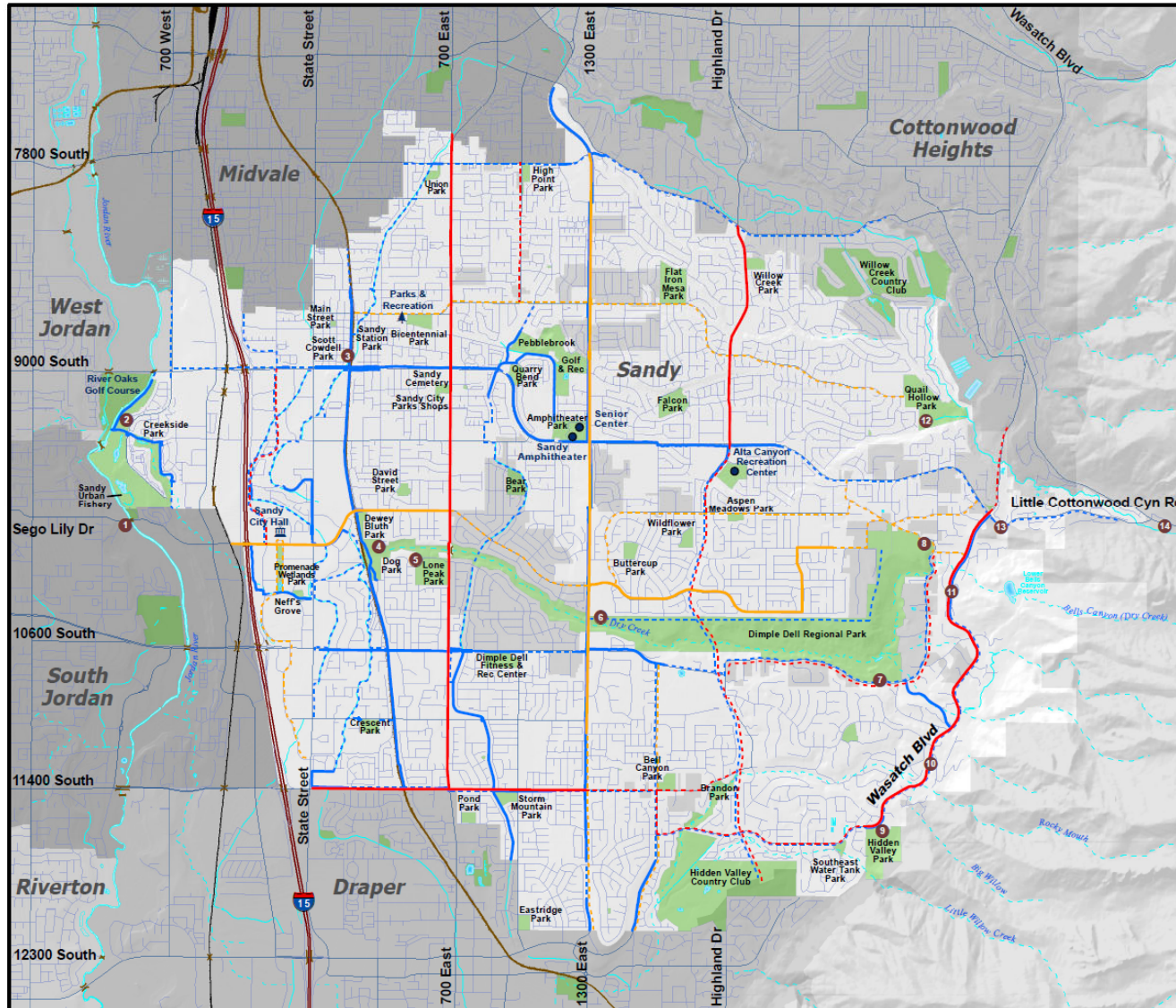
Jake Warner
Long Range Planning Manager

Reviewed by:



Brian McCuiston
Planning Director

2013 Trails Master Plan



SANDY CITY, UTAH Mult-Use Trails & Bike Paths

Trail Usage

- Existing Bike Lane - Both Sides
- Future Bike Lane - Both Sides
- Existing Bike Route - Both Sides
- Future Bike Route - Both Sides
- Existing Multi-Use Trail
- Future Multi-Use Trail

Trail Heads

- 1 Shields Lane Trail Head, 947 W. Shields Ln. (4315 ft Elev.)
- 2 Jordan River Pkwy, 9300 S. Riverside (4309 ft Elev.)
- 3 Scott Cowdell Park/Porter Rockwell Trail, 136 E. 8920 S. (4455 ft Elev.)
- 4 Porter Rockwell Trail Head, 9990 S. 300 E. (4496 ft Elev.)
- 5 Lone Peak Trail Head, 10042 S. 700 E. (4520 ft Elev.)
- 6 Wrangler Trail Head, 1400 E. 10400 S. Equest. (4685 ft Elev.)
- 7 Dimple Dell Southeast Trail Head, 2785 E. Dimple Dell Rd. (4890 ft Elev.)
- 8 Dimple Dell Granite Trail Head, 3000 E. Mt. Jordan Rd. (5130 ft Elev.)
- 9 Hidden Valley Park & Trail Head, 2750 E. Wasatch Blvd (5118 ft Elev.)
- 10 Rocky Mouth Trail Head, 11250 S. Wasatch Blvd (5115 ft Elev.)
- 11 Boulders Trail Head, 10250 S. Wasatch Blvd. (5135 ft Elev.)
- 12 Quail Hollow Trail Head, 9287 S. Belfair Rd (4984 ft Elev.)
- 13 Granite Trail Head, 3470 E. Little Cottonwood (5230 ft Elev.)
- 14 Temple Quarry Trail Head, 4700 E. Little Cottonwood Rd (5390 ft Elev.)

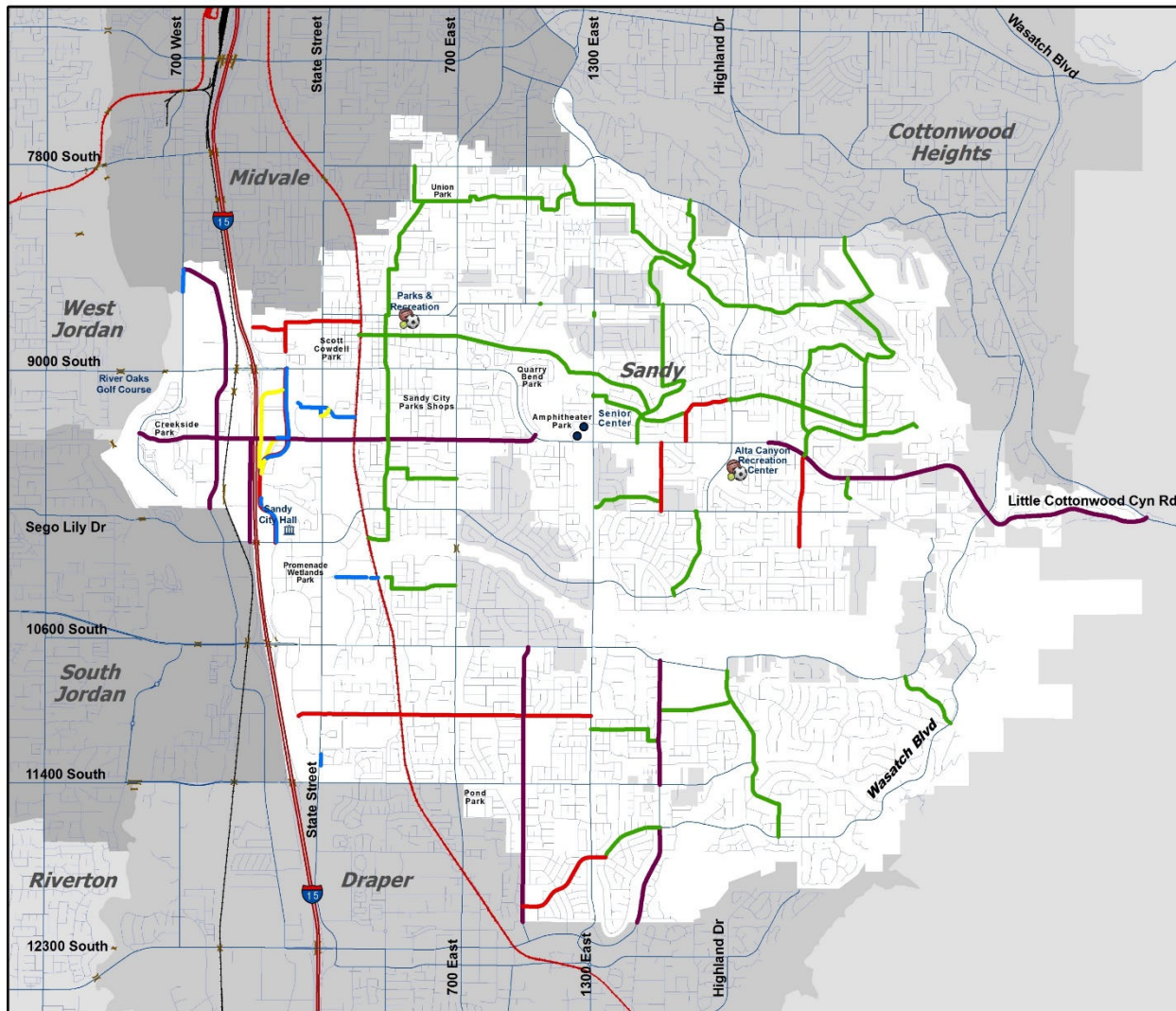
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Produced by Sandy City Public Works
Produced September 6, 2018 Revised September 6, 2018

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Proposed New Additions



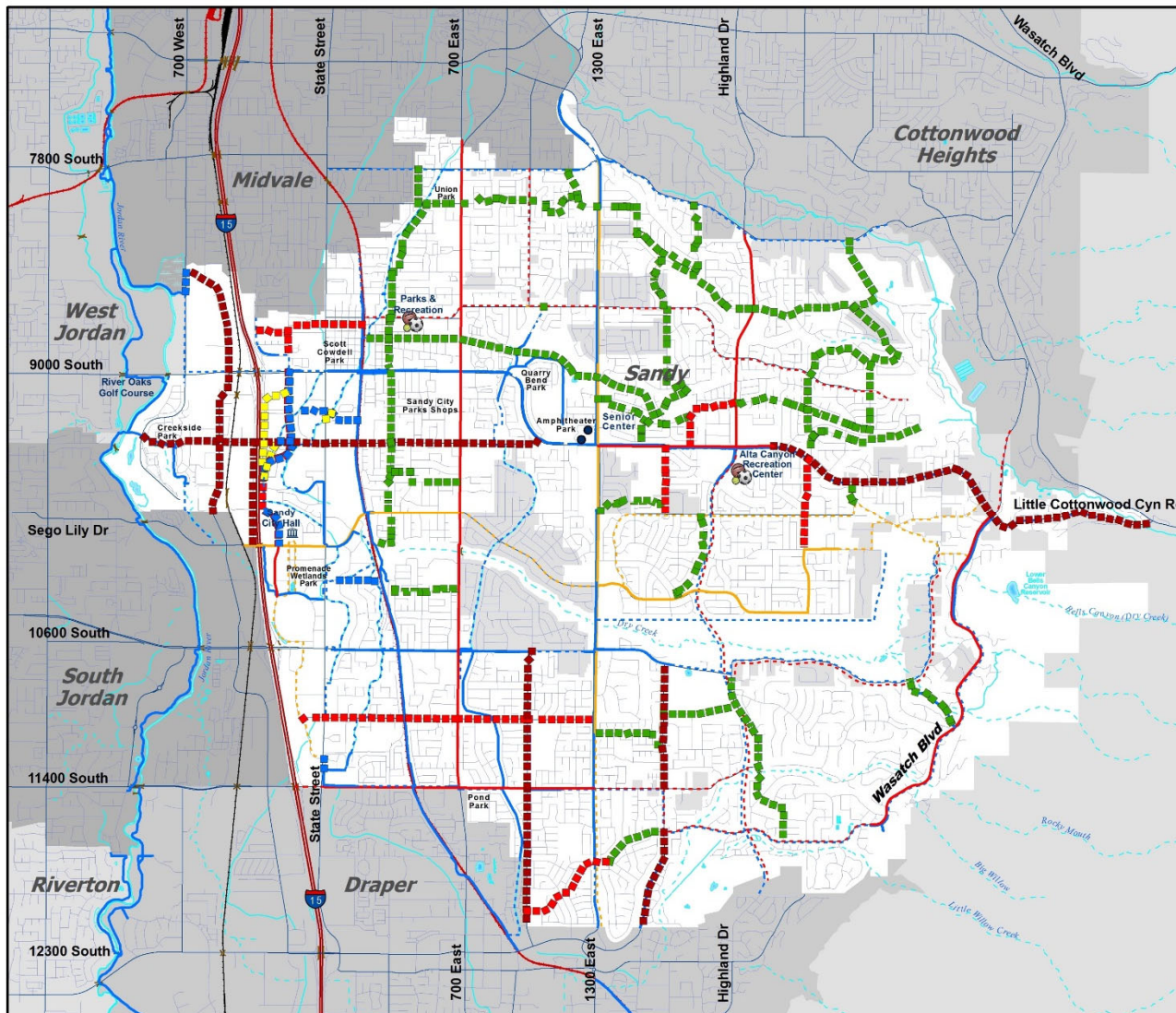
- Miles of Bikeways/Trails Doubles (70 to 140)
- Adds Neighborhood Byways
- Helps Identify Future Needs and Planning
- Foundation for Future Masterplans

Trail Type

- Deleted Trail
- Proposed Bike Lane
- Proposed Bike Route
- Proposed Multipurpose Trail
- Proposed Neighborhood Byway



2019 Trails Master Plan



- Adds Bikeways
- Shows Connectivity
- Connection Within 1/3 Mile of Every Home
- Sandy/Draper Active Transportation Plan
- Coordinates with SLCO and Neighboring City's

Trail Type

- Deleted Trail
- Proposed Bike Route
- Proposed Bike Lane
- Proposed Multipurpose Trail
- Proposed Neighborhood Byway
- Existing Bike Lane - Both Sides
- Future Bike Lane - Both Sides
- Existing Bike Route - Both Sides
- Future Bike Route - Both Sides
- Existing Multi-Use Trail
- Future Multi-Use Trail

Chapter 4 Design

The guidelines that are in this chapter are intended to provide guidance in the design and construction of trails within Sandy City. There are additional references found in the appendix to this plan that may be used to supplement these standards. It is the intent of this section to provide a consistent standard so that those using them can understand and better interact with the trails.

4.1 Trail Types

The following brief definitions are offered in this plan for the purpose of familiarizing trail users with the types of trails offered in Sandy City. These designations are also used on the Sandy City Trails map in order to designate their locations and relationships to the trail network as a whole.

4.1.1 Type A - Walking (Historic Trails and Sidewalks)

This type of trail is a paved surface that is typically found within an urban setting, either roadside or within a residential community. Historic trails follow routes that travel through areas of historic significance within Sandy.

Trails may also include sidewalks as part of the overall network. Older sidewalks are typically four (4) feet wide. Sidewalks built after 2003 are a minimum of five (5) feet wide and sidewalks located against a curb are a minimum of six (6) feet wide. Refer to City Standard Details CD-04, CG-02, and MS-01 (for historic walking tour and trail routes)

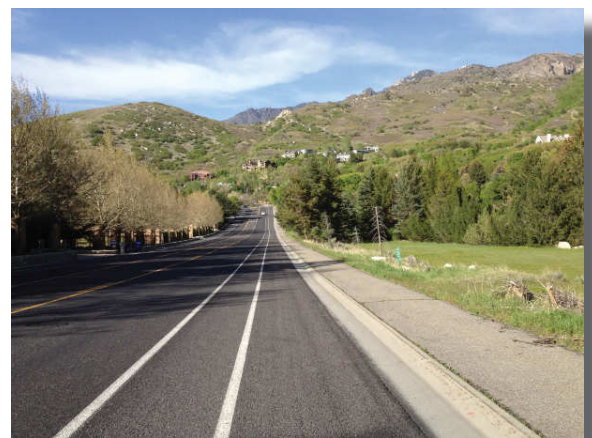


The Sandy Museum provides information on the Historic Sandy Walking Tour

4.1.2 Type B - Bike Lanes, ~~and Bike Routes,~~ and Neighborhood Byways

This type of trail is a part of the roadway and is either separated from or shared with other traffic by striping, signage or a combination of the two. Bicycle lanes serve the needs of all types of cyclists in urban and suburban areas by providing them with a dedicated travel lane within the street space. The ~~Salt Lake County Planning & Development Services Cooperative County Plan~~ Bikeway Design Manual should also be referenced.

- A bike lane is a dedicated guideway within the road for cyclists to use. It has specific design standards and legal rights for cyclists. These lanes generally require more right of way, design considerations, and enforcement. They also provide a safer and more visible route and space for cyclists.



Bike Lane along Wasatch Blvd

- Bike routes are on roads that are designated as good cycling routes, but may not have fully dedicated bike lanes. They can be signed and mapped but do not include the same design guidelines or legal rights as bike lanes. Residential and collector roads with shoulders are good candidates for bike routes.
- Neighborhood byways are low-speed and low-volume shared roadways. They are typically used to provide access and connections to other mapped bike trails. Signage and striping may be used to increase driver awareness that bicyclists may be present.



Bike Route along Segoly Lily Drive

4.1.3 Type C - Equestrian

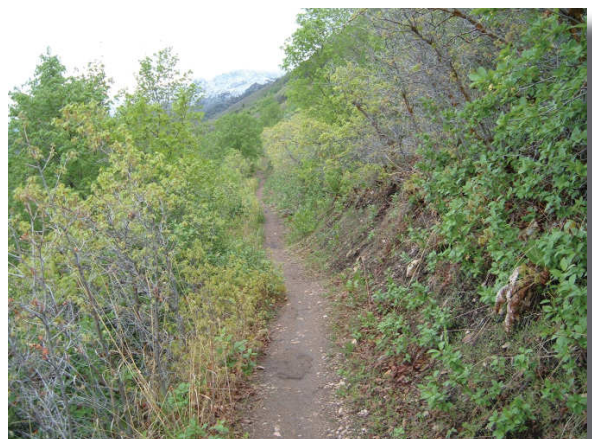
Equestrian trails are intended to accommodate equestrians and their horses, but may also serve as a path for pedestrians and cyclists. Equestrian trails are always unpaved, soft surface trails, and therefore limit the use by design to horses, walkers, joggers, and mountain bikes. Dimple Dell park is the only designated public equestrian use facility within Sandy City limits and is managed by Salt Lake County. Therefore equestrian trails within Sandy City should reference Salt Lake County's Dimple Dell Regional Park Master Plan. There are limited trails that access the park from communities such as Bell Canyon Acres Subdivision and trail heads such as the NW corner of Lone Peak Park. City Standard detail TR-02 should be referenced for construction standards.



Equestrian use in Dimple Dell Park

4.1.4 Type D - Mountain and Hiking

Mountain and hiking trails are single track trails constructed dirt or other soft surface material of a natural nature. They are typically located in the canyons that run through the City or on the mountain side. Therefore they will have some steep terrain and may be difficult to use. And due to their nature and location of these trail types, you may encounter wildlife. Typical wildlife may encounter would include, deer, mountain lions, and snakes. Refer to City Standard Detail TR-02.



Bonneville Shoreline Trail

4.1.5 Type E - 10-foot Multi-Purpose

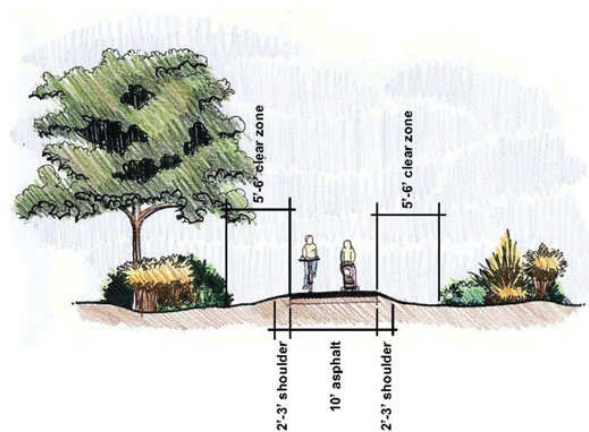
This type of trail should accommodate a wide variety of users, from cyclists and pedestrians, to in-line skaters and people with strollers or dogs. The surface material on these trails must therefore be hard, smooth, and durable with a minimum width of ten (10) feet. They may also have a soft surface running adjacent to it. Refer to City Standard Details TR-01, TR-03, & TR-04.



Multi-purpose trail along 11400 South



Elevated Multi-use Trail



Multi-use Trail Profile

4.1.6 Type F – Park Walking and Jogging Trails

This type of trail typically accommodates a wide variety of users, from cyclists and pedestrians, to in-line skaters and people with strollers or dogs. They are typically developed with all new parks and have been integrated into most existing parks. These trails are typically ten (10) feet wide and constructed of asphalt or concrete. Refer to City Standard Detail TR-01.



Walking & Jogging Trail in Bicentennial Park

4.1.7 Type G - Secondary/Neighborhood Access

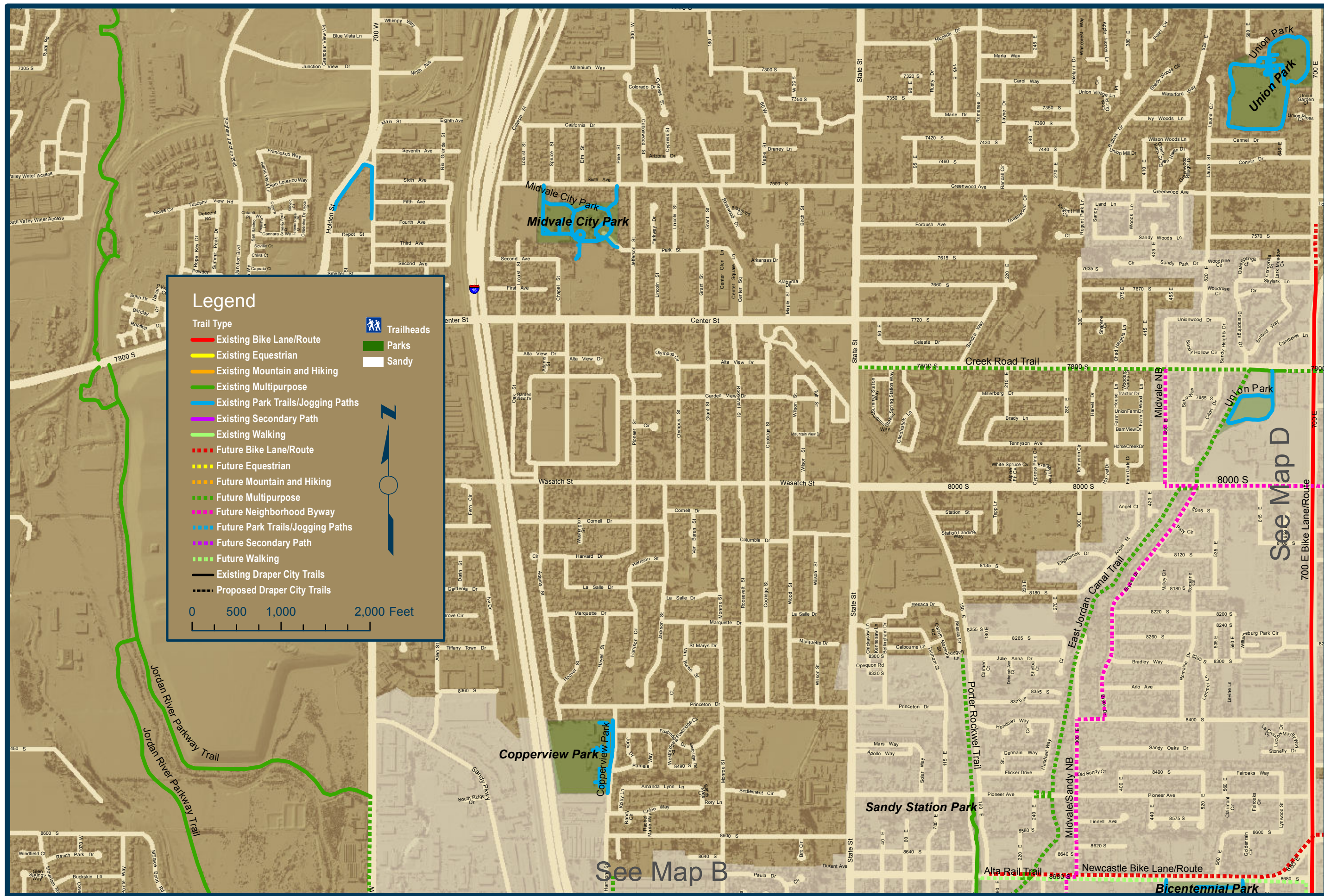
This type of trail provides an alternative route from neighborhoods to other trail types and park facilities. They may also serve as connections between neighborhoods.



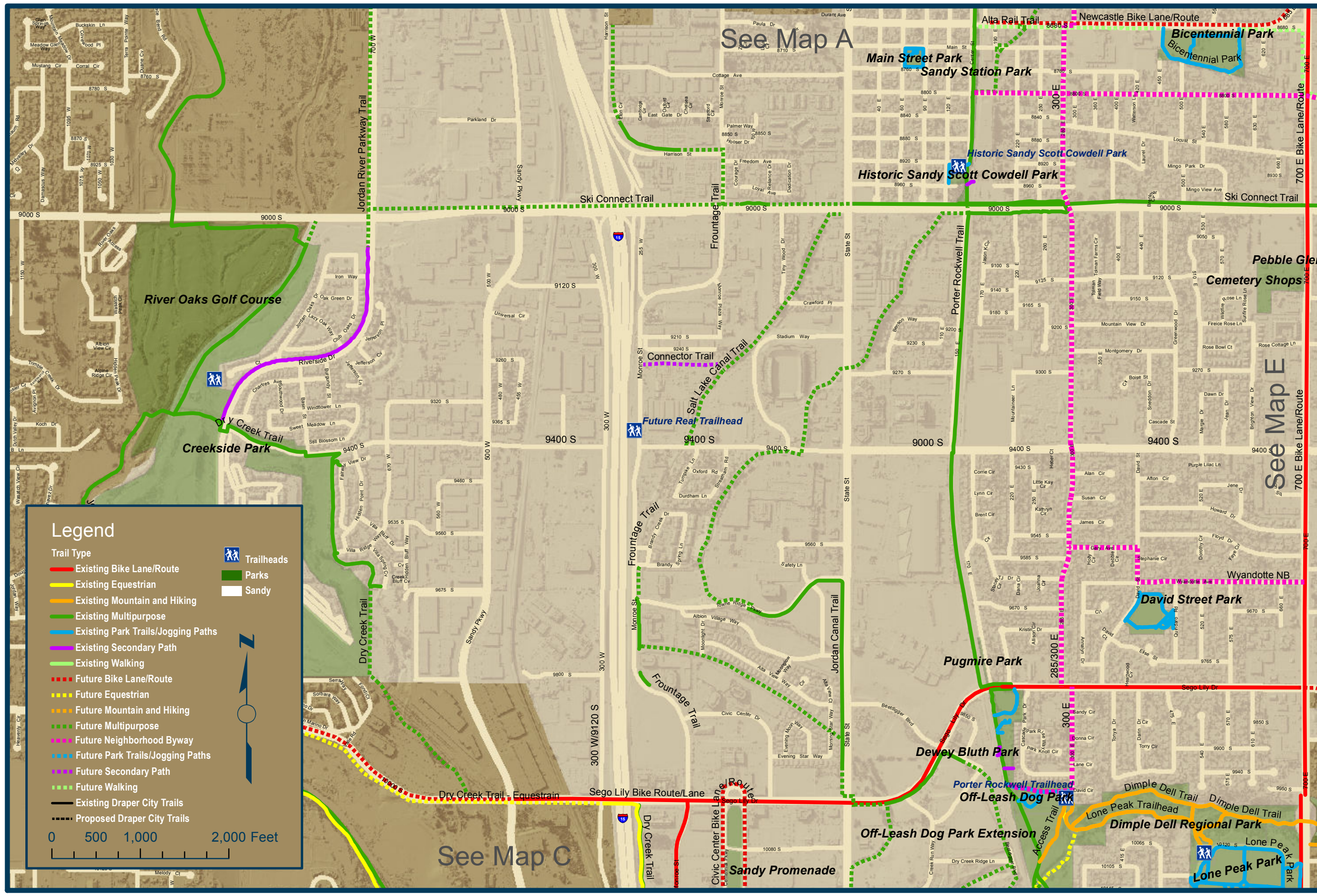
Secondary/Neighborhood Access at Quarry Bend

4.1.8 Type H - Fire and Maintenance

This type of trail requires construction to withstand emergency vehicle and maintenance access for weight as well as width.



Sandy City
Trails Master Plan



See Map A

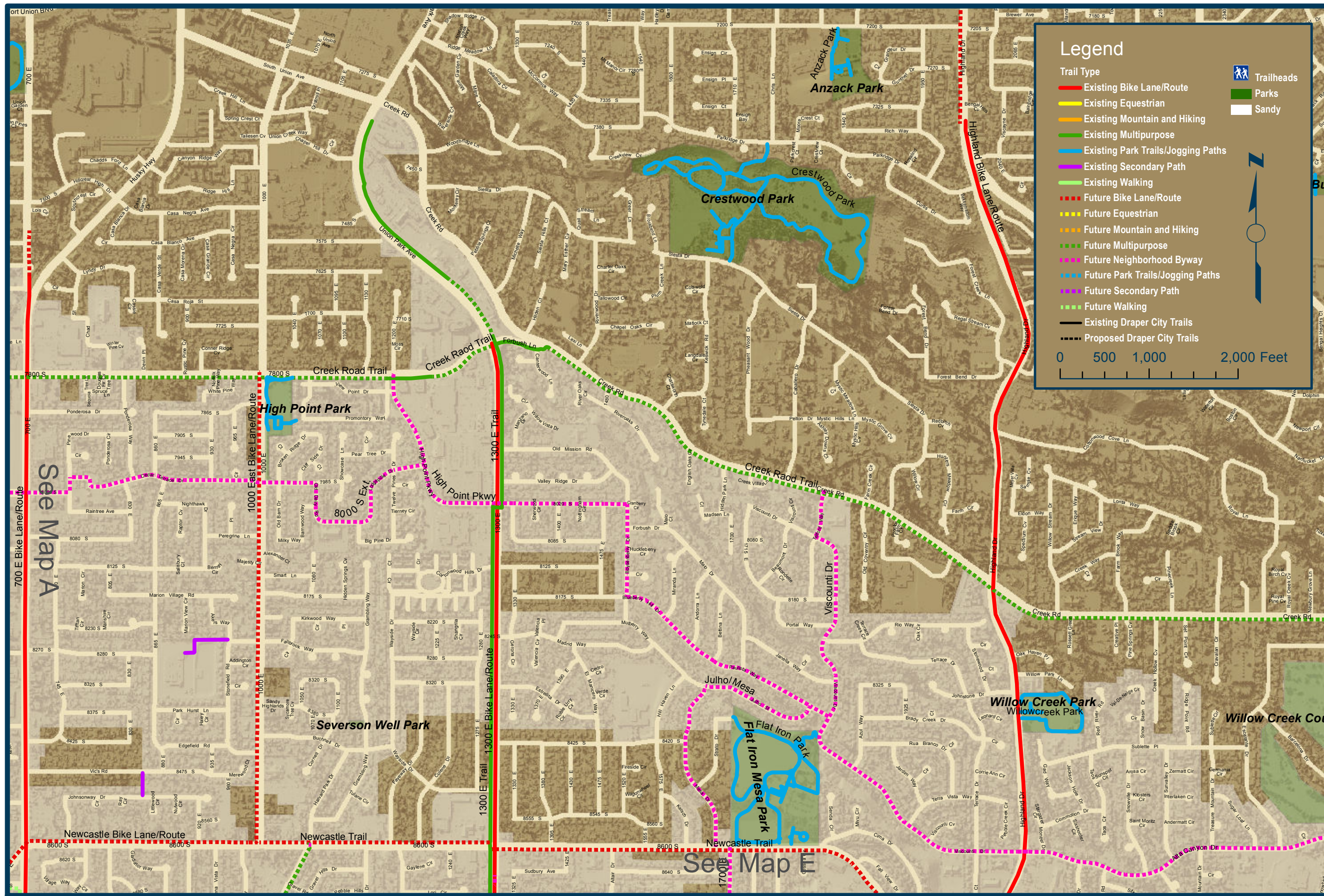
See Map C

See Map E

Legend

	Existing Bike Lane/Route		Trailheads
	Existing Equestrian		Parks
	Existing Mountain and Hiking		Sandy
	Existing Multipurpose		
	Existing Park Trails/Jogging Paths		
	Existing Secondary Path		
	Existing Walking		
	Future Bike Lane/Route		
	Future Equestrian		
	Future Mountain and Hiking		
	Future Multipurpose		
	Future Neighborhood Byway		
	Future Park Trails/Jogging Paths		
	Future Secondary Path		
	Future Walking		
	Existing Draper City Trails		
	Proposed Draper City Trails		

0 500 1,000 2,000 Feet



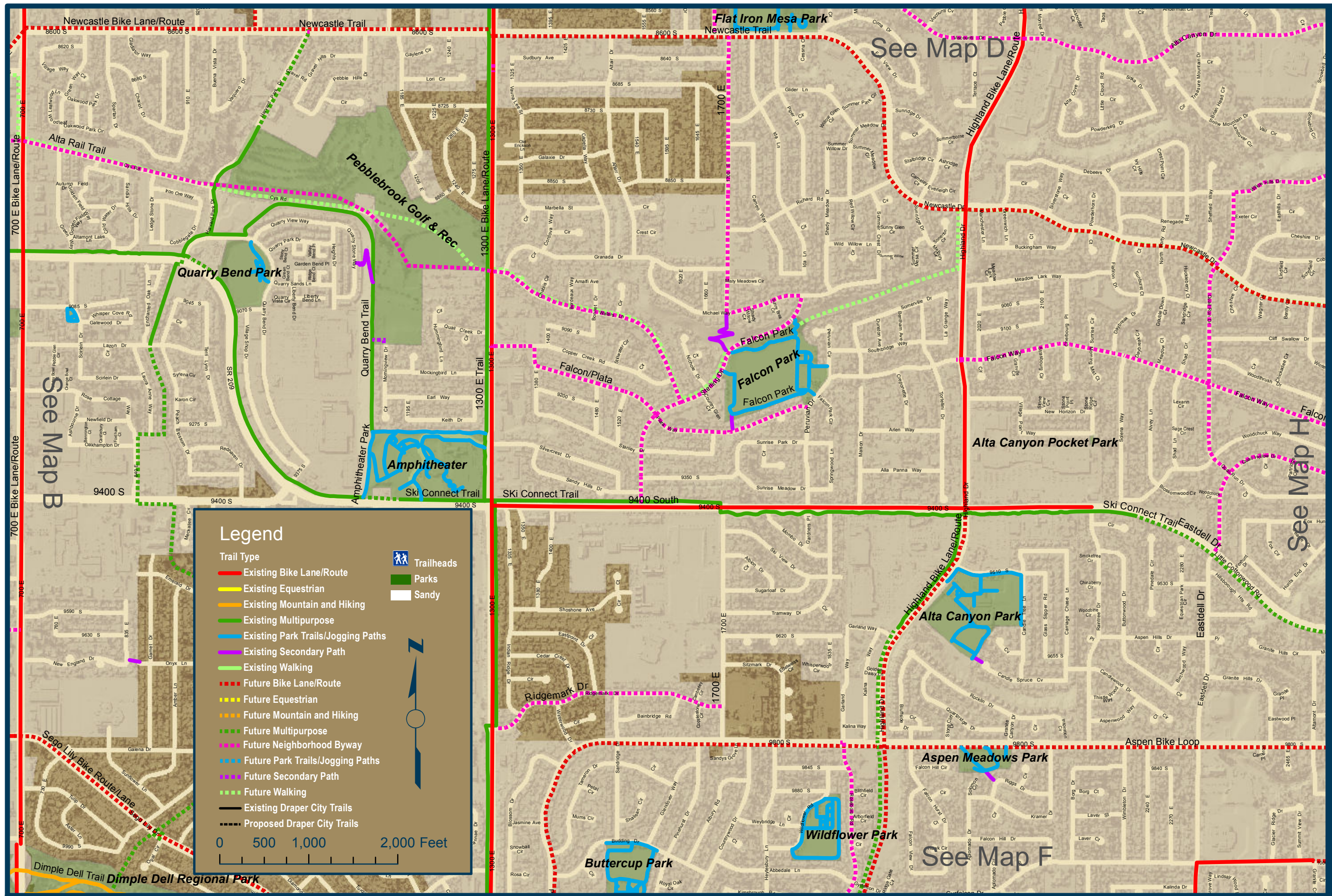
Legend

Trail Type	Trailheads
Existing Bike Lane/Route	Parks
Existing Equestrian	Sandy
Existing Mountain and Hiking	
Existing Multipurpose	
Existing Park Trails/Jogging Paths	
Existing Secondary Path	
Existing Walking	
Future Bike Lane/Route	
Future Equestrian	
Future Mountain and Hiking	
Future Multipurpose	
Future Neighborhood Byway	
Future Park Trails/Jogging Paths	
Future Secondary Path	
Future Walking	
Existing Draper City Trails	
Proposed Draper City Trails	

0 500 1,000 2,000 Feet

See Map A

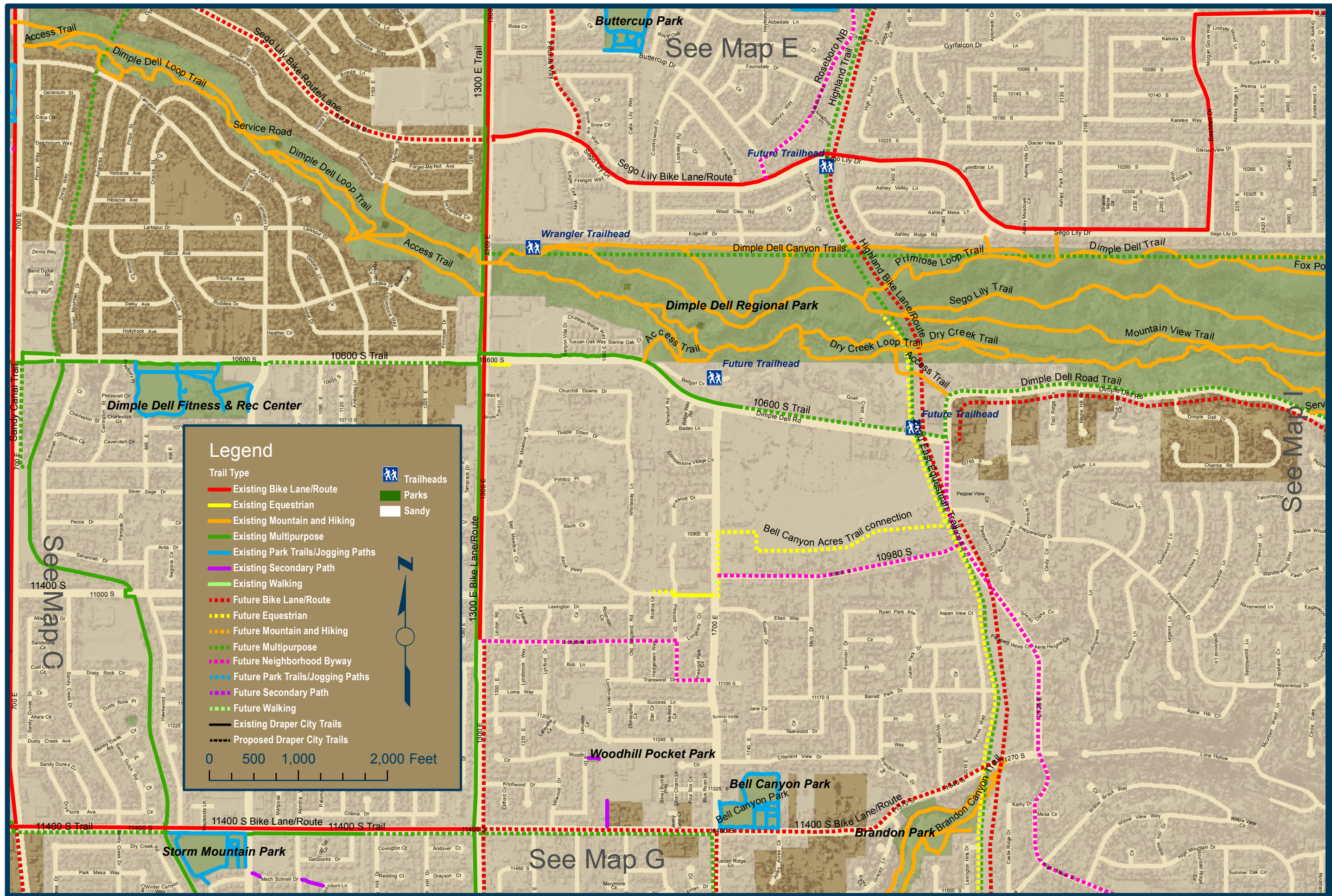
See Map E

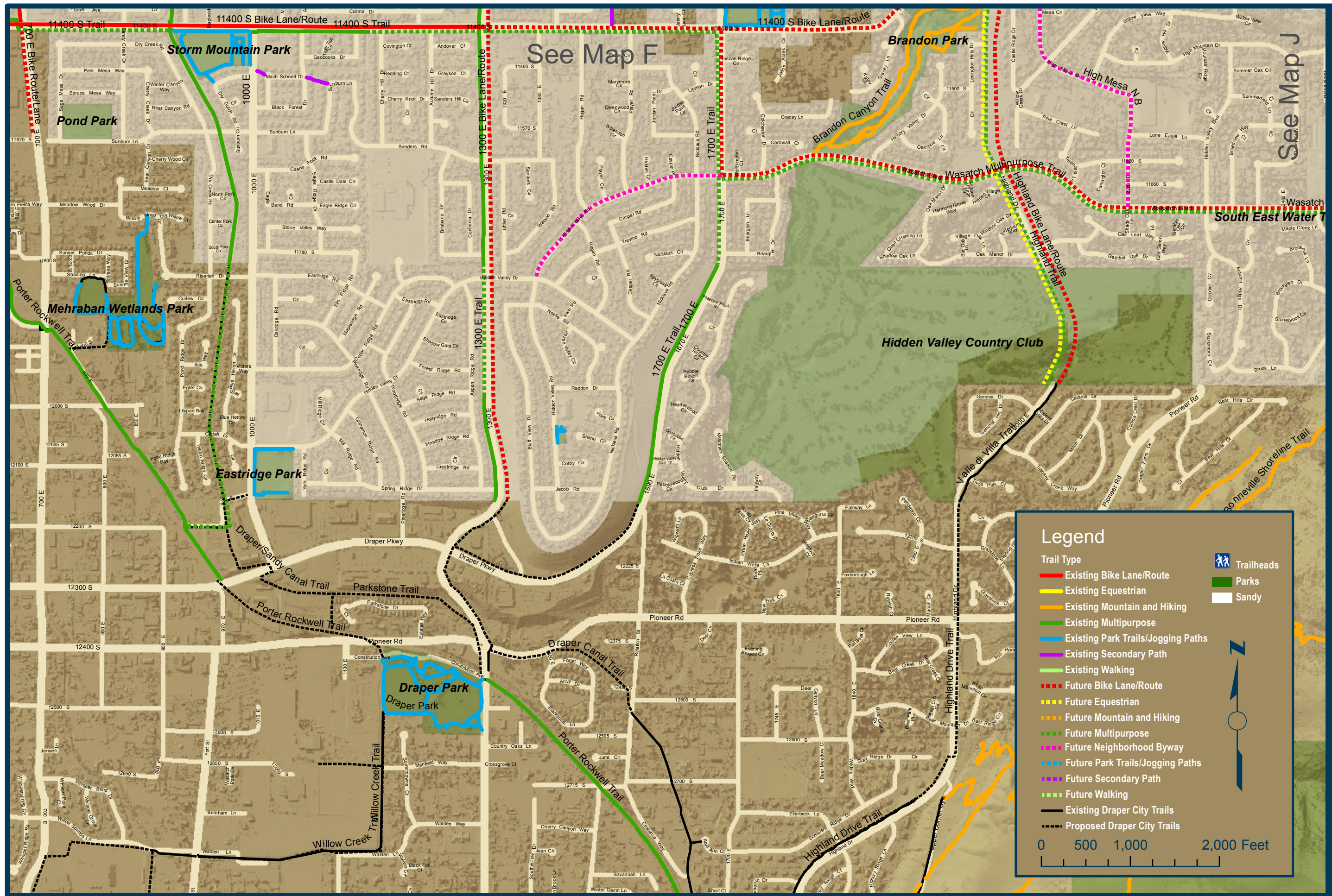


Legend

Existing Bike Lane/Route	Trailheads
Existing Equestrian	Parks
Existing Mountain and Hiking	Sandy
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Future Secondary Path	
Future Walking	
Existing Draper City Trails	
Proposed Draper City Trails	

0 500 1,000 2,000 Feet





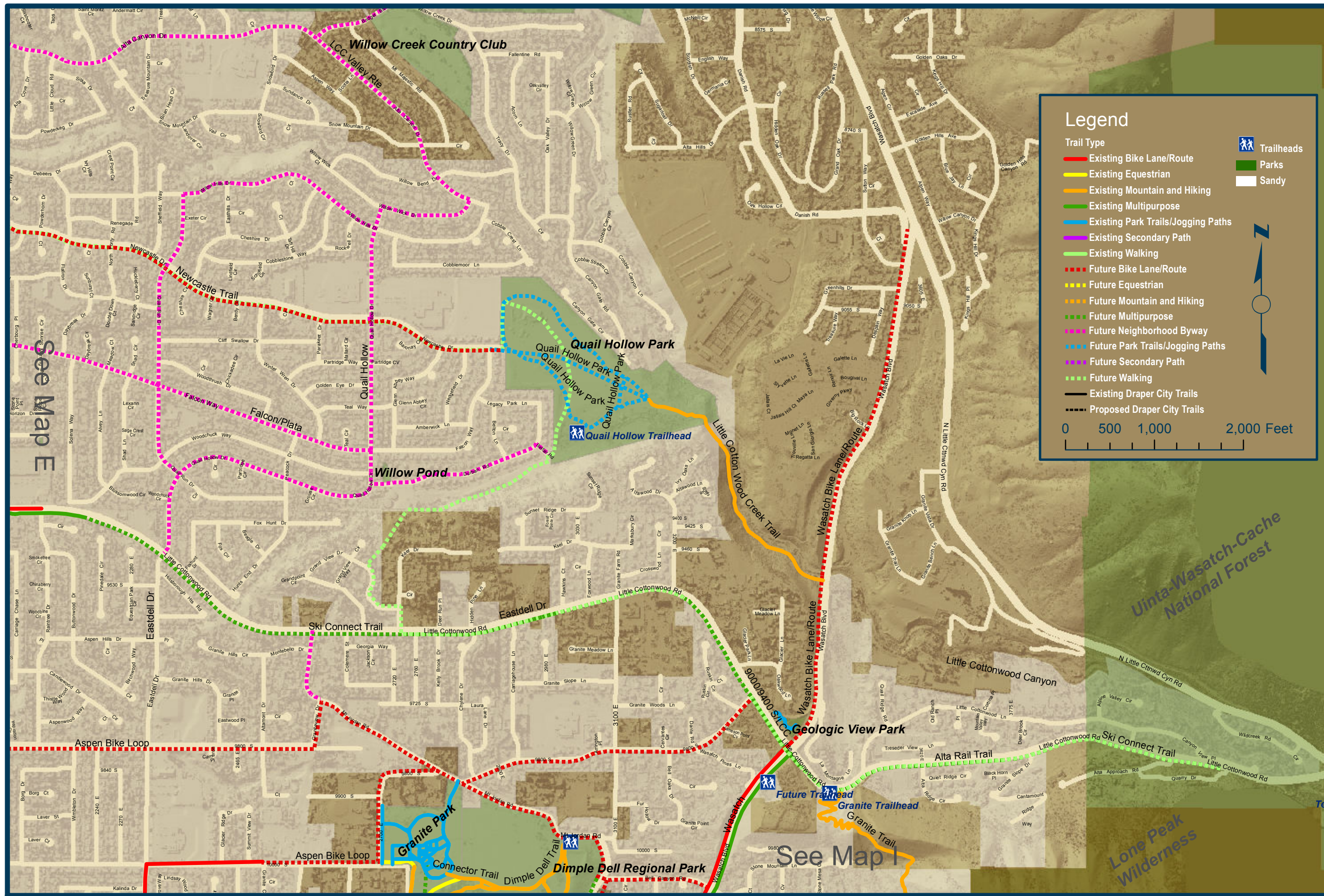
See Map F

See Map J

Legend

- Trail Type**
- Existing Bike Lane/Route
 - Existing Equestrian
 - Existing Mountain and Hiking
 - Existing Multipurpose
 - Existing Park Trails/Jogging Paths
 - Existing Secondary Path
 - Existing Walking
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 - Future Secondary Path
 - Future Walking
 - Existing Draper City Trails
 - Proposed Draper City Trails
- Trailheads**
- Parks**
- Sandy**
- 0 500 1,000 2,000 Feet





Legend

Trail Type

- Existing Bike Lane/Route
- Existing Equestrian
- Existing Mountain and Hiking
- Existing Multipurpose
- Existing Park Trails/Jogging Paths
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- Future Walking
- Existing Draper City Trails
- Proposed Draper City Trails

Trailheads

- Trailheads
- Parks
- Sandy

0 500 1,000 2,000 Feet

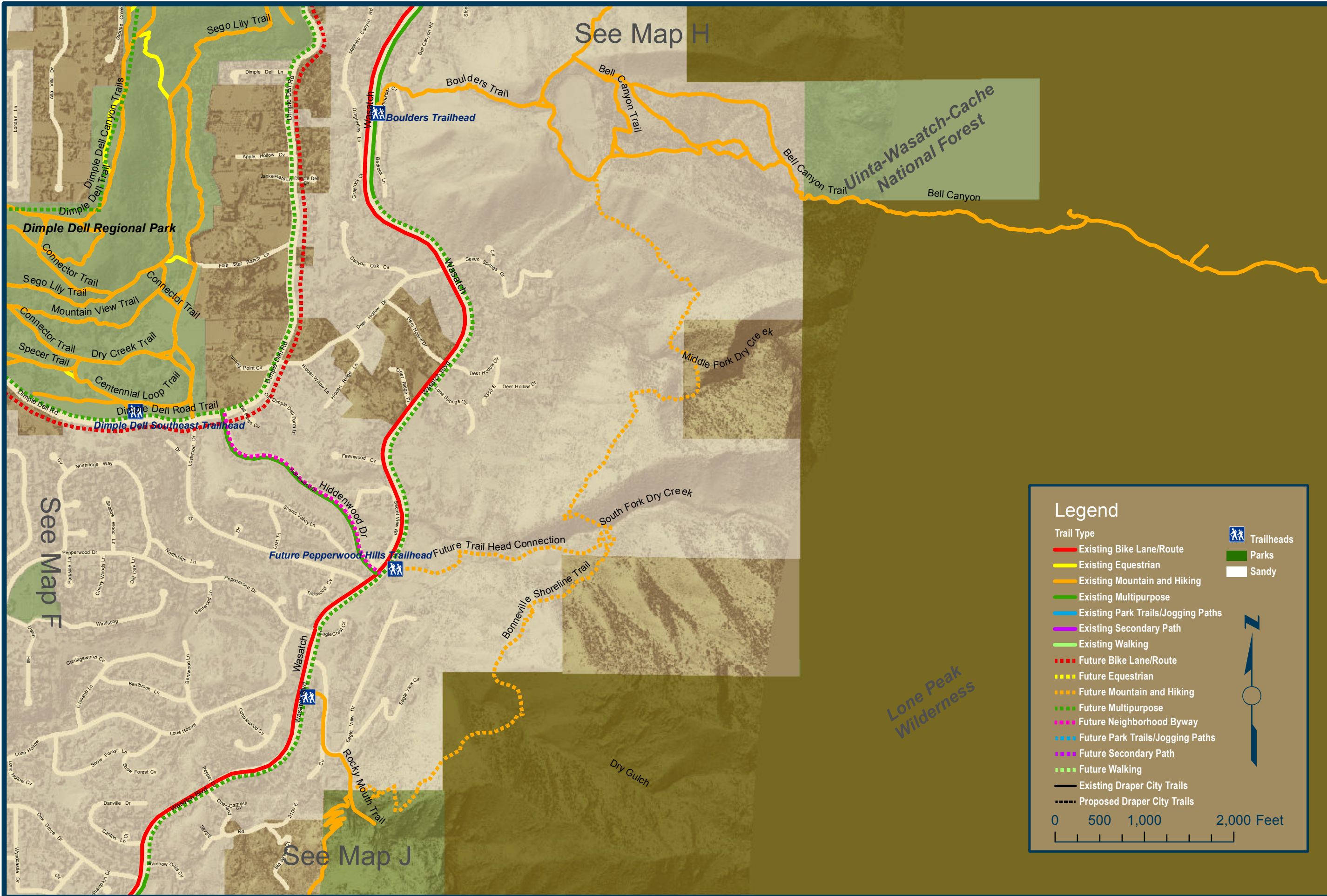
Sandy City Trails Master Plan

Uinta-Wasatch-Cache National Forest

Lone Peak Wilderness

See Map E

See Map I



See Map H

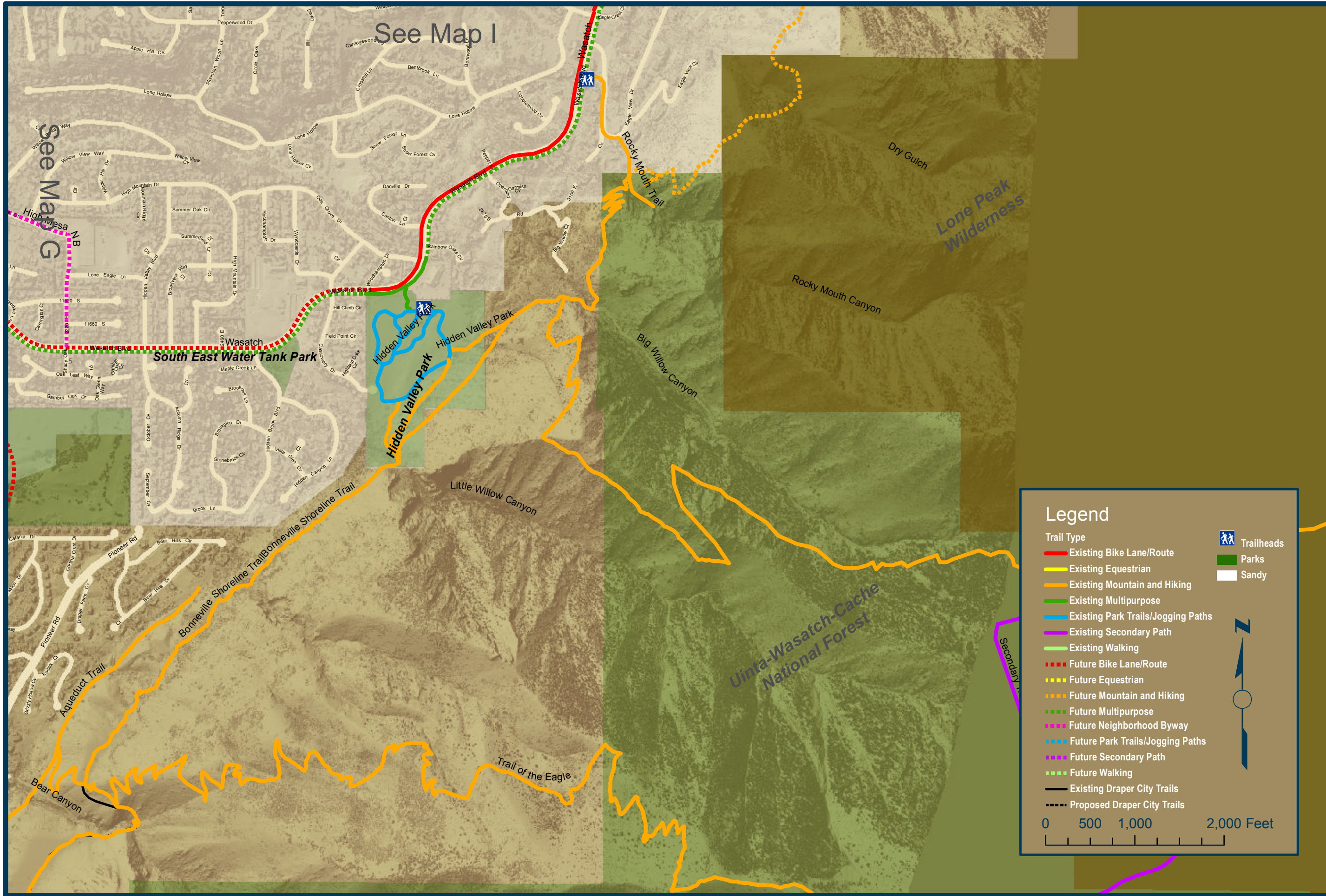
See Map F

See Map J

Legend

Existing Bike Lane/Route	Trailheads
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Future Secondary Path	
Future Walking	
Existing Draper City Trails	
Proposed Draper City Trails	

0 500 1,000 2,000 Feet



Trails Master Plan
Sandy City

Legend

Existing Bike Lane/Route	Trailheads
Existing Equestrian	Parks
Existing Mountain and Hiking	Sandy
Existing Multipurpose	
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