

On Street: Signs and Symbols



Off Street: Paved Trail



On Street: Bike Path

McClelland Trail - Update


Transportation Advisory Board
October 3, 2016

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Background



Background




JORDAN & SALT LAKE CITY CANAL

The foundation work on the Salt Lake Temple was nearing completion and soon would be ready for the granite upper walls. The four-day trip from the quarry with man-drawn wagons could not possibly provide stone as quickly as it was needed. To expedite delivery, and also to reduce the cost by three quarters, a canal was proposed on which the stones could be delivered on barges. Though conceived as early as 1848, the canal was long in coming, and a first venture, a segment begun in 1855 from Big Cottonwood Canyon to Red Butte Canyon, was a failure.

A second canal, tapping the Jordan River in the Narrows, called the Jordan and Salt Lake City Canal, was started in 1864. Its terminus was at the forks of City Creek Canyon creek, close to the present intersection of State and North Temple Streets.

In 1875, the advent of the railroad being extended south out of Salt Lake City into Utah Valley, and beyond, together with a spur east out of Sandy into Little Cottonwood Canyon to the granite quarry, provided an easier and still less expensive way of getting stone from the quarry to the temple block. The use of the canal for hauling stone was forgotten; for providing irrigation water it was completed and is still in use today. The canal may still be found open from the point of the mountain to 2000 South and 1200 East Streets. From there it courses through the city north of 2000 South Street in a four foot diameter culvert under a sidewalk, or roadway, or snuggled between houses. The culvert is located just west of 6th monument.

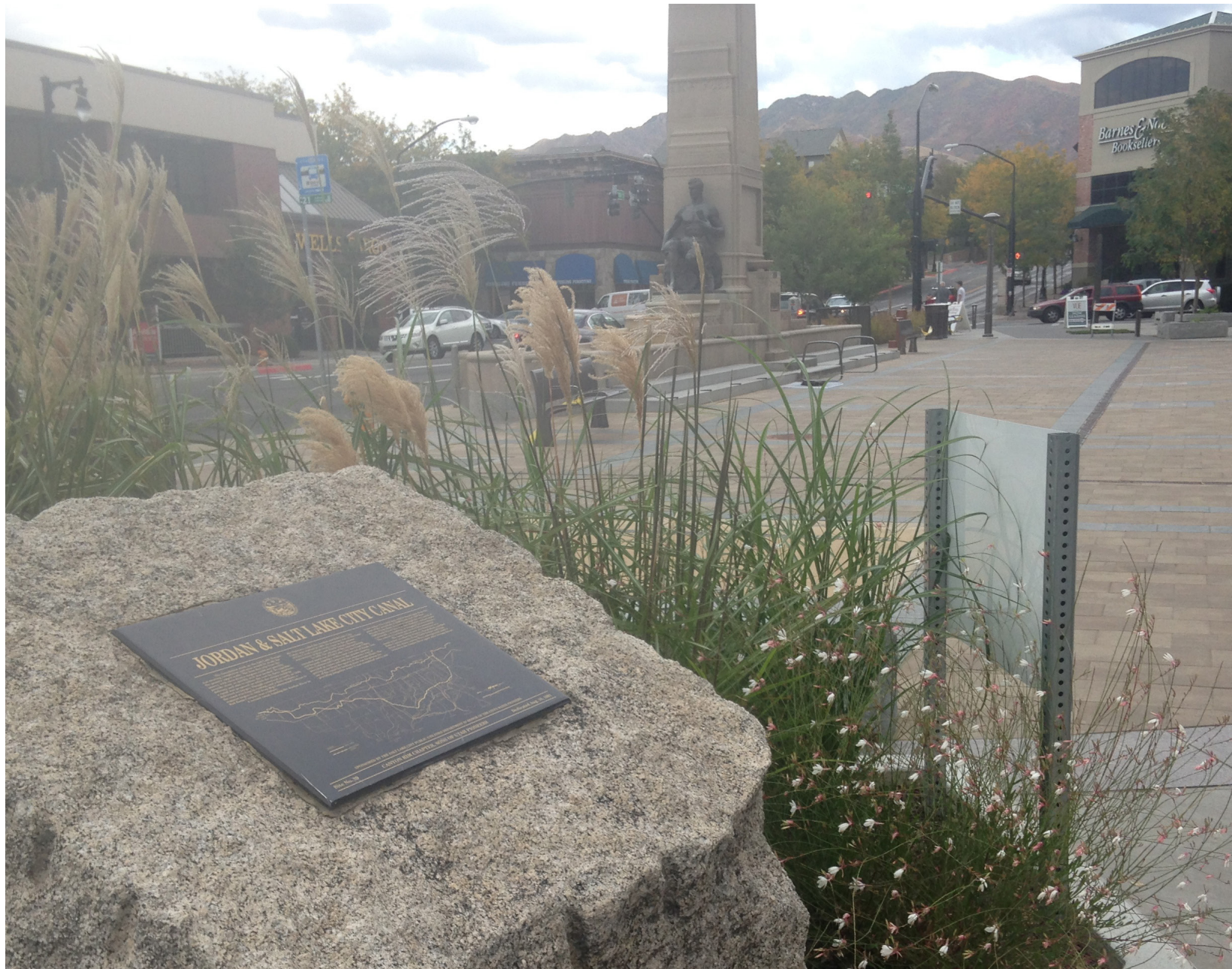
This same culvert now also functions as a storm water overflow for Farleys, Emigration, and Red Butte Canyon creeks. From North Temple and State Street, the water courses West, underground, until it returns to the Jordan River again after its long detour.



SPONSORED BY THE SALT LAKE CITY PUBLIC UTILITIES DEPARTMENT IN HONOR OF THE CITY'S WATER PIONEERS.

Site No. 39 CANYON RIM CHAPTER, SONS OF UTAH PIONEERS Dedicated Aug. 10, 1991

Background



Background



Digital Image © 2002 Utah State Historical Society. All rights reserved.

McClelland Trail

Phase I: 800 South to 2100 South

Under Construction



August 2016: Demolition and grading began

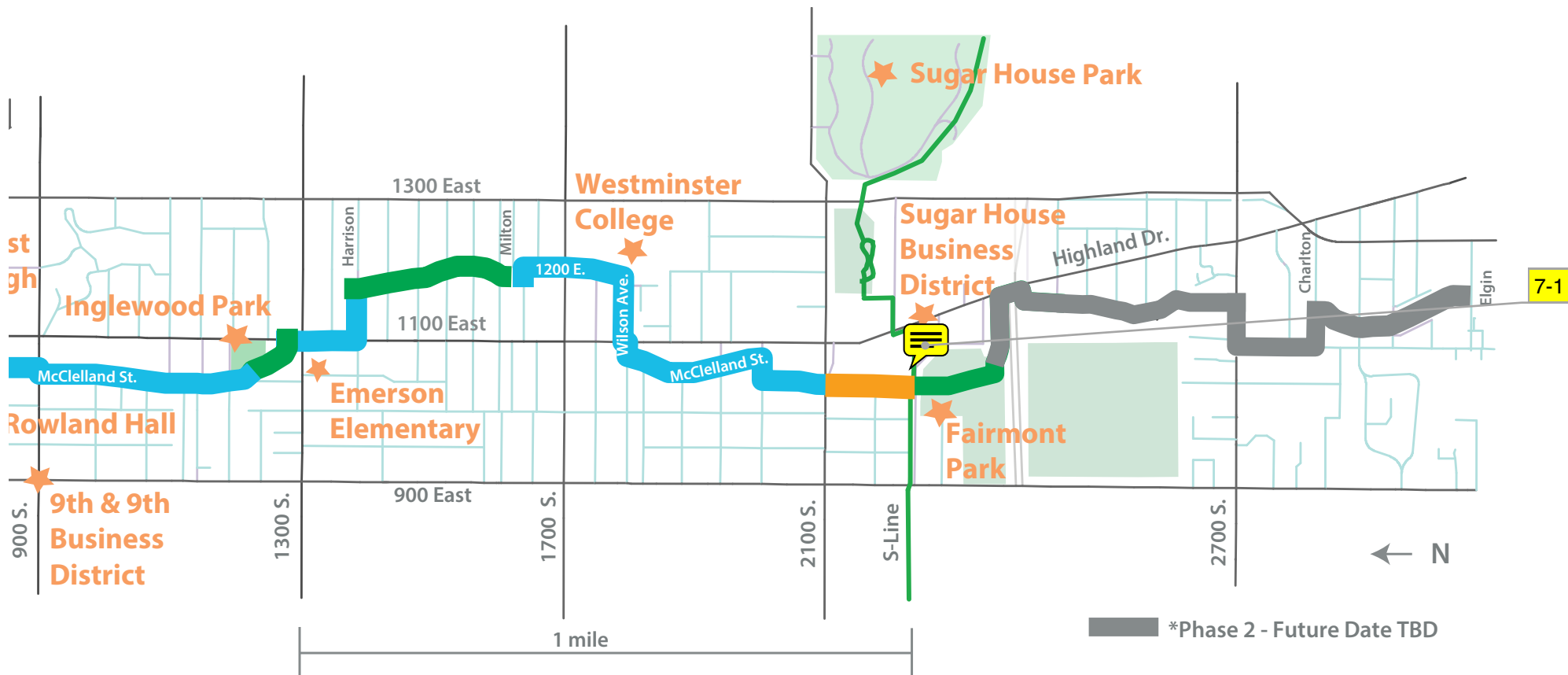
September 2016: Finish grading, irrigation and ADA ramps

October 2016: Paving, signage and landscaping

Timeline

Phase II - 2017: Sugar House Business District

Phase III - Date TBD: Sugar House to Brickyard



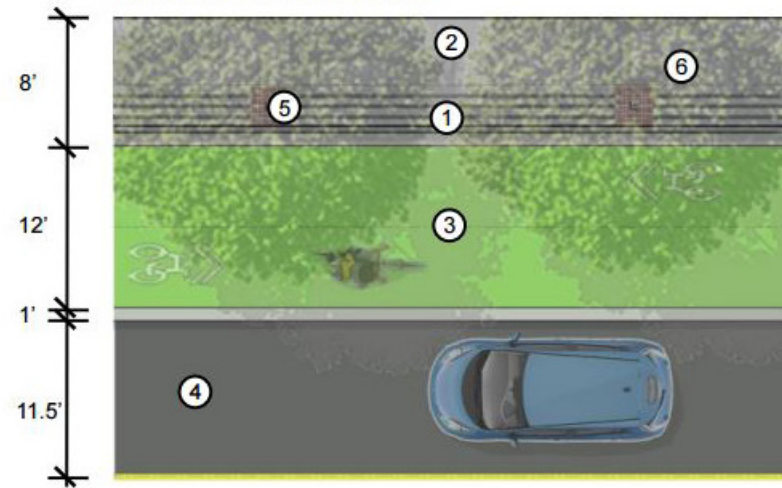
McClelland Trail - Phase II Sugar House Circulation Plan

**Sugar House Streetscape Guide
Complete Streets Classification**
Transitional: McClelland & 1100 East (2100 South to I-80)



McClelland & 1100 East - Street Section & Treatment

McClelland Street - East Side



LEGEND

- 1- Accent Pavers
- 2- Sidewalk
- 3- Cycle Track
- 4- Traffic Lane
- 5- Tree Grate
- 6- Lacebark Elm Tree(s)



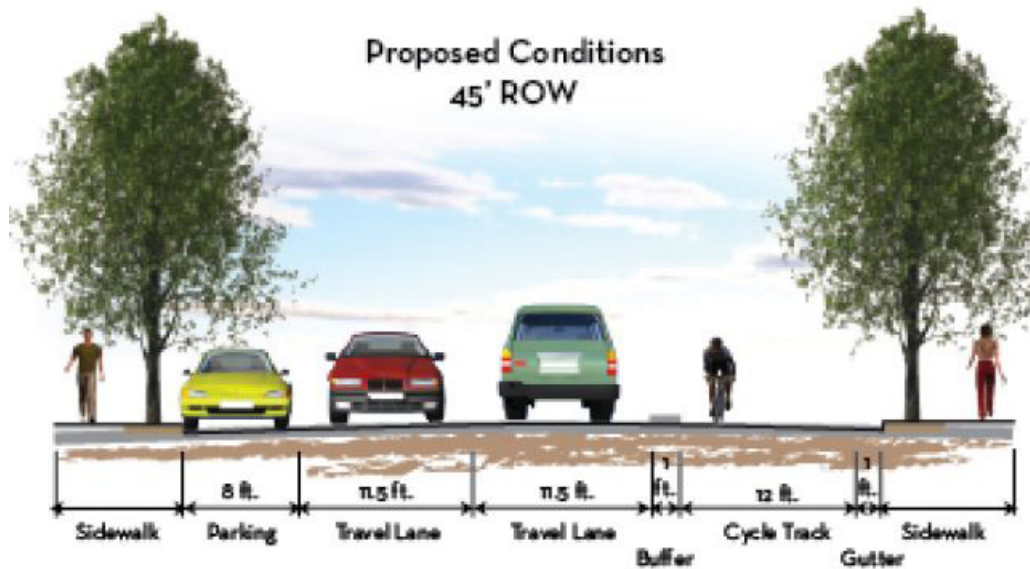
| | Classification | Range/ Size/ Scale | Specification |
|---------------------|----------------------|--------------------|---------------------|
| Street Type | Mixed Village | Pedestrian | |
| Parking strip width | Urban/ Res | 0'- 8' | Grate & Staked |
| Sidewalk width | Urban | 5'-8' | Reinforced concrete |
| Landscaping | Urban/ Res/ Park | Varies | Drought resistant |
| Street trees | North/South | 20' on center | Lacebark Elm |
| Street wall | Retail & Lt. Indust. | Pedestrian | Segmented |
| Lighting | Existing Historic | Pedestrian | SLC standard |

* Salt Lake City Urban Forestry Guidelines

Sugar House Circulation Plan Design Recommendations

“McClelland Street will become a gateway between the Business District, Sugar House Streetcar, and Parley’s Trail.”

- 2012 Circulation Plan



McClelland Trail - Option 1

McClelland Street - Option 1

10-2



Existing

10-1



Two-way bike path
Example: Indianapolis Cultural Trail

McClelland Trail - Option 2

McClelland Street - Option 2



Existing



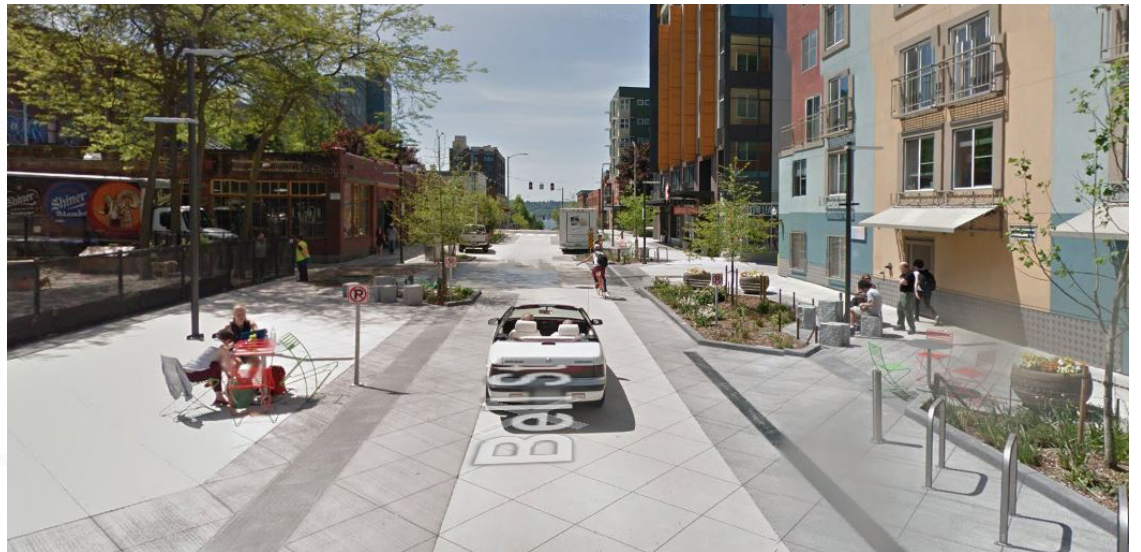
Two-way bike path
Example: Indianapolis Cultural Trail

McClelland Trail - Option 3

McClelland Street - Option 3 - Shared Street



Shared Street Example



Bell Street, Seattle, WA

12-1

0 37.5 75 150 Feet
■ Planters
■ Pedestrian Space



Traffic Study - Impacts of Street Changes

PM Peak Level of Service

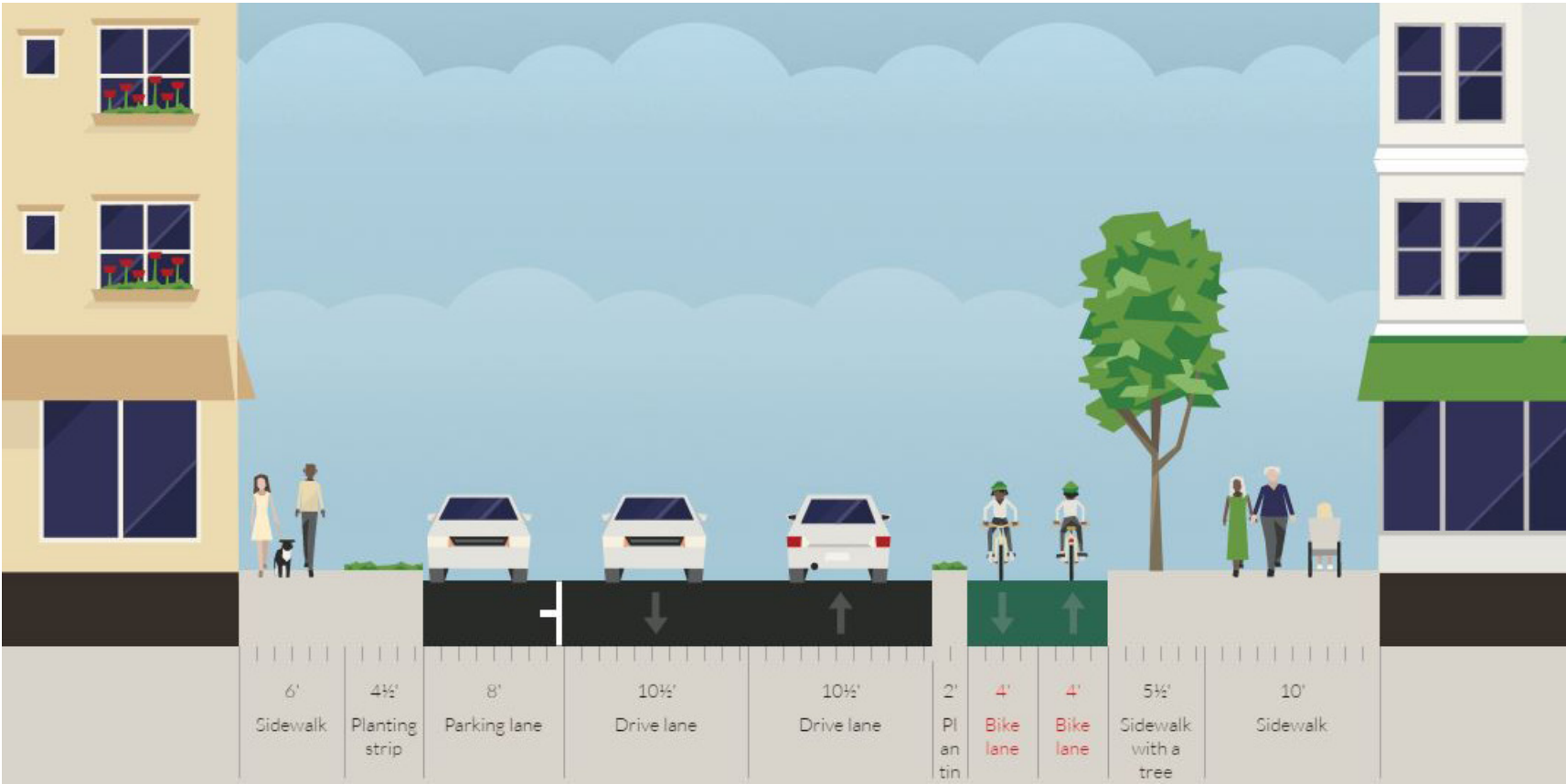
13-1



| | No Action -Approved buildings -No streetcar -Two-way traffic on McClelland Street | Option 1 - Streetcar - McClelland Trail - One-way traffic and diagonal parking on McClelland Street | Option 2 -No streetcar - McClelland Trail - One-way traffic and diagonal parking on McClelland Street | Option 3 - Streetcar - No McClelland Trail - Two-way traffic on McClelland Street |
|---------------------------|---|---|--|--|
| McClelland/ 2100 S | E | B | C | C |
| Highland/ 2100 South | C | C | C | C |
| McClelland/ Elm Street | B | A | B | B |
| Highland/ Wilmington | B | C | C | C |
| McClelland/ Sugarmont | A | B | A | B |
| Highland/ Sugarmont | B | B | C | B |

McClelland Trail Cross-Section: Elm to Sugarmont

Adjacent to Sugarmont Apartments
Boulder Ventures may assist construction

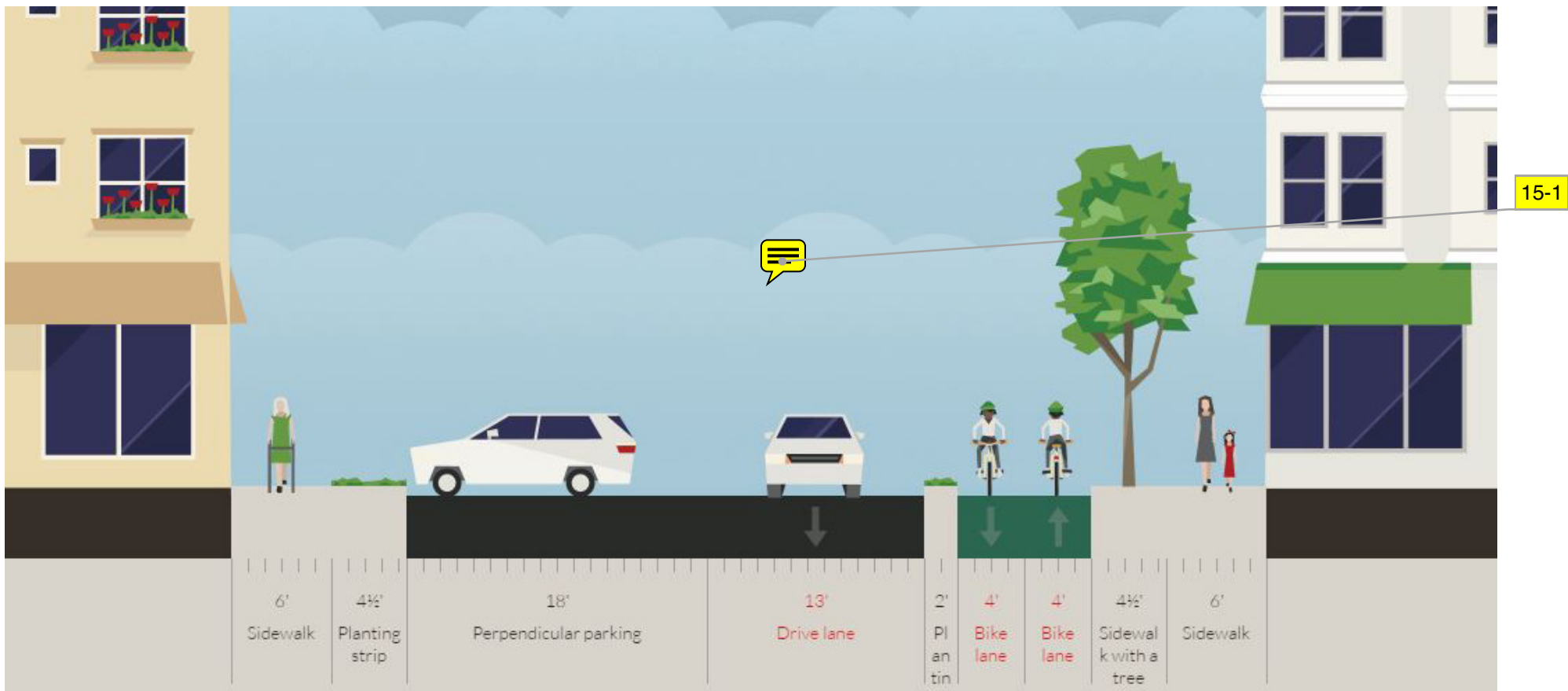


*Facing North

McClelland Trail

One-way Option: 2100 South to Elm

One-way southbound
Angle parking on west side of street



*Facing North

McClelland Trail - Phase II

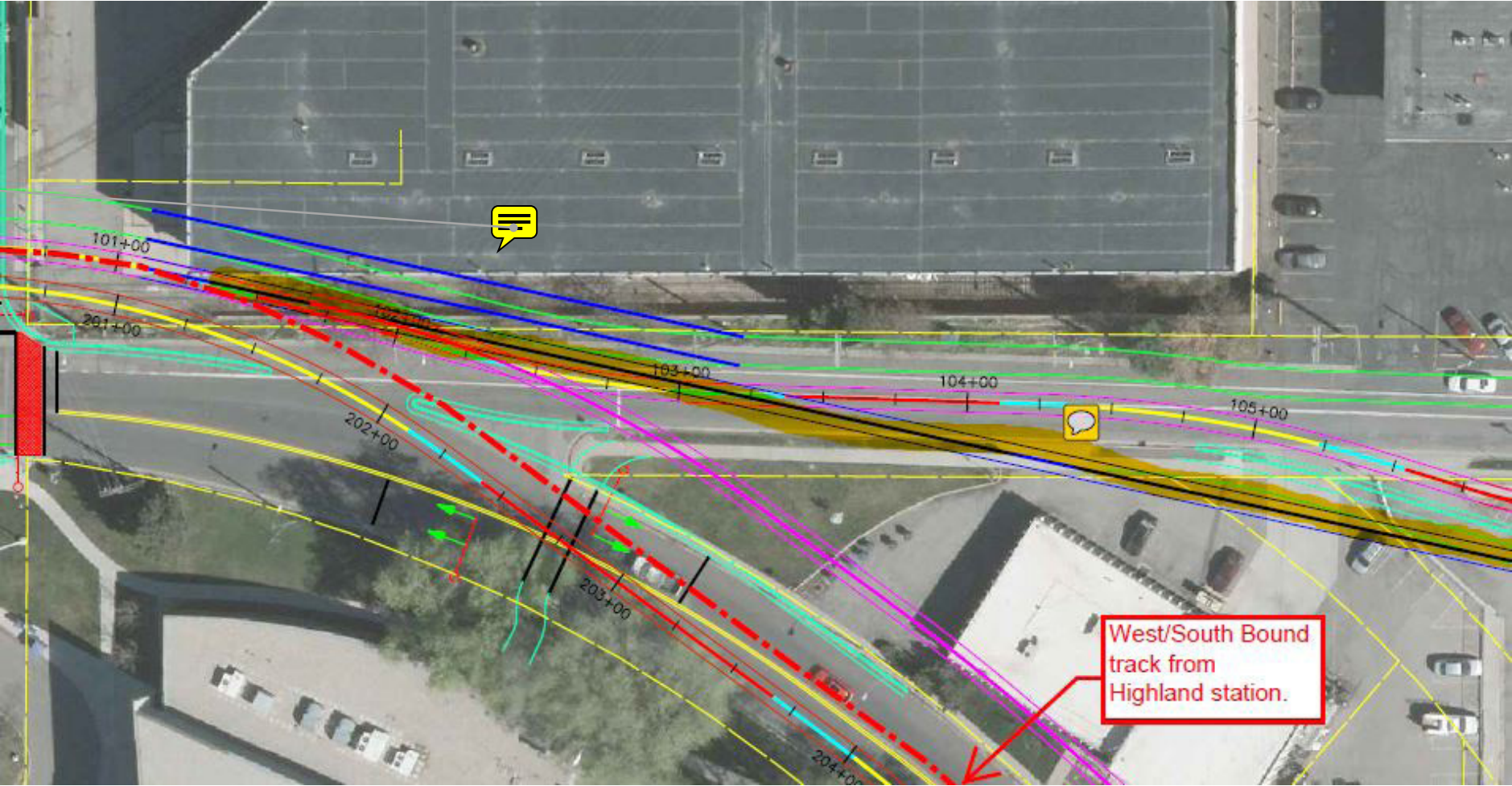
Next steps

1. Coordinate with Sugarmont Apartments
2. Present options for public input
3. Select preferred option
4. Finalize design and budget

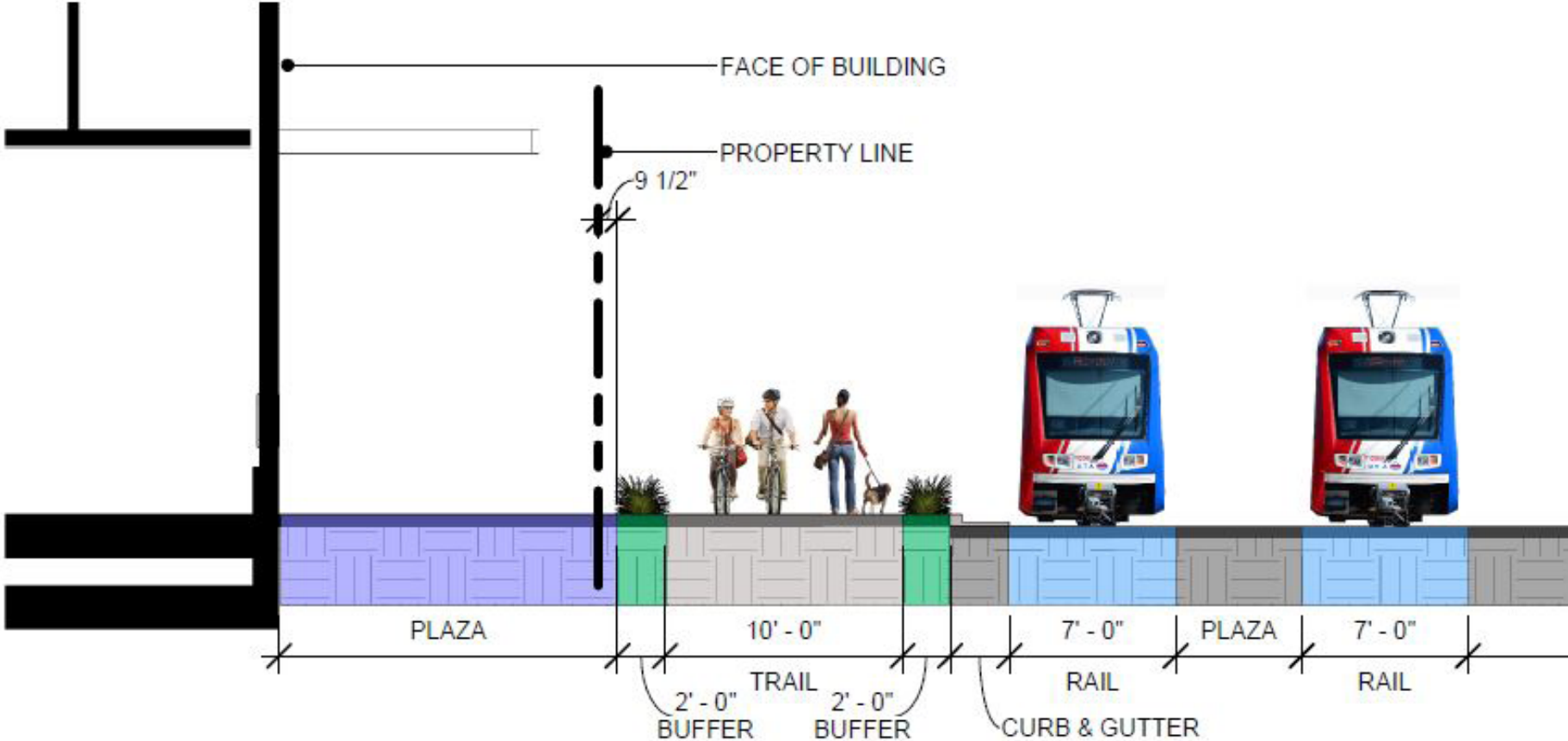


16-1

Parley's Trail and the S-Line Streetcar Extension



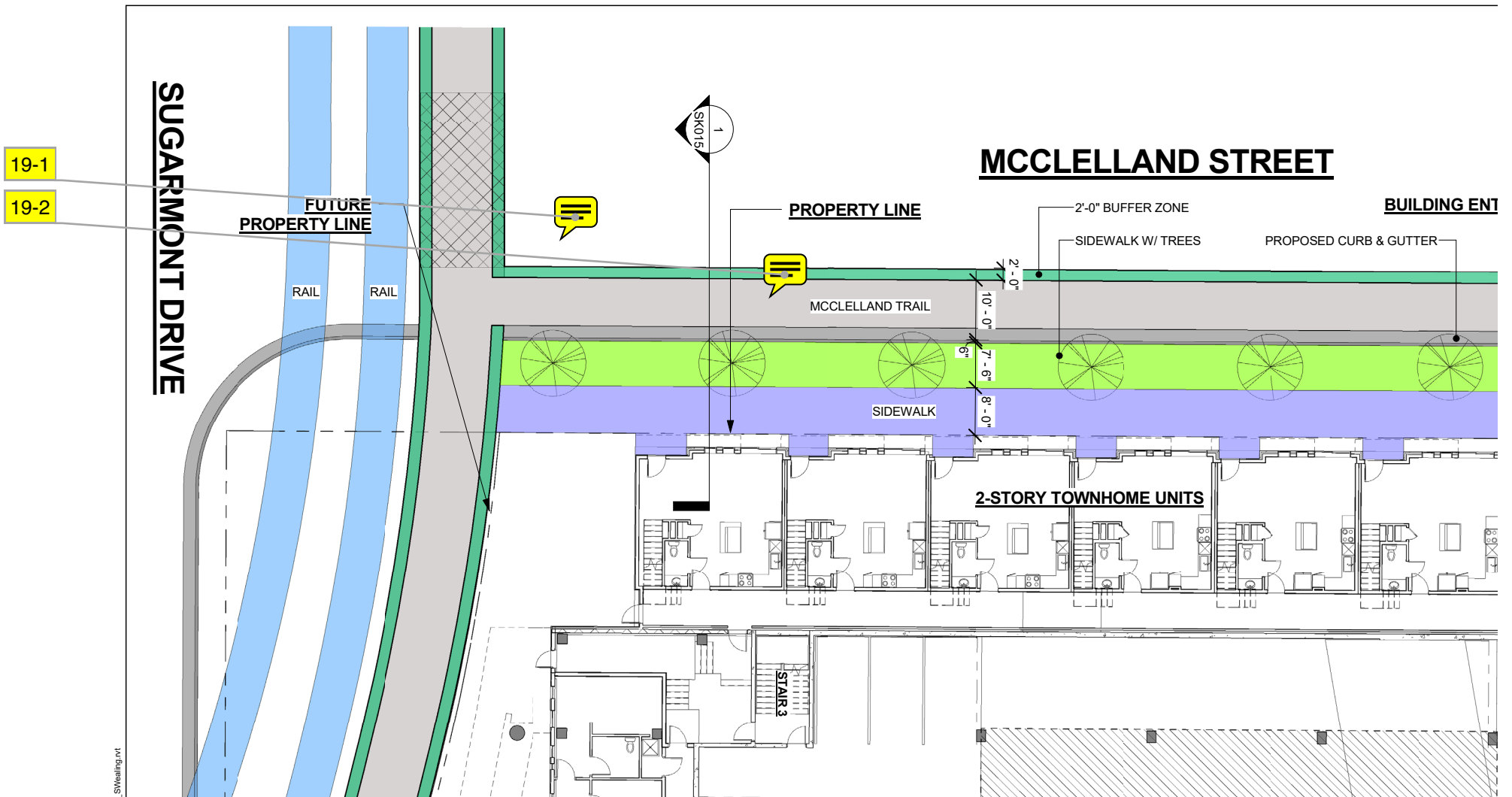
Parley's Trail Cross-Section Recommendation



UTA SECTION 3 - STREETCAR

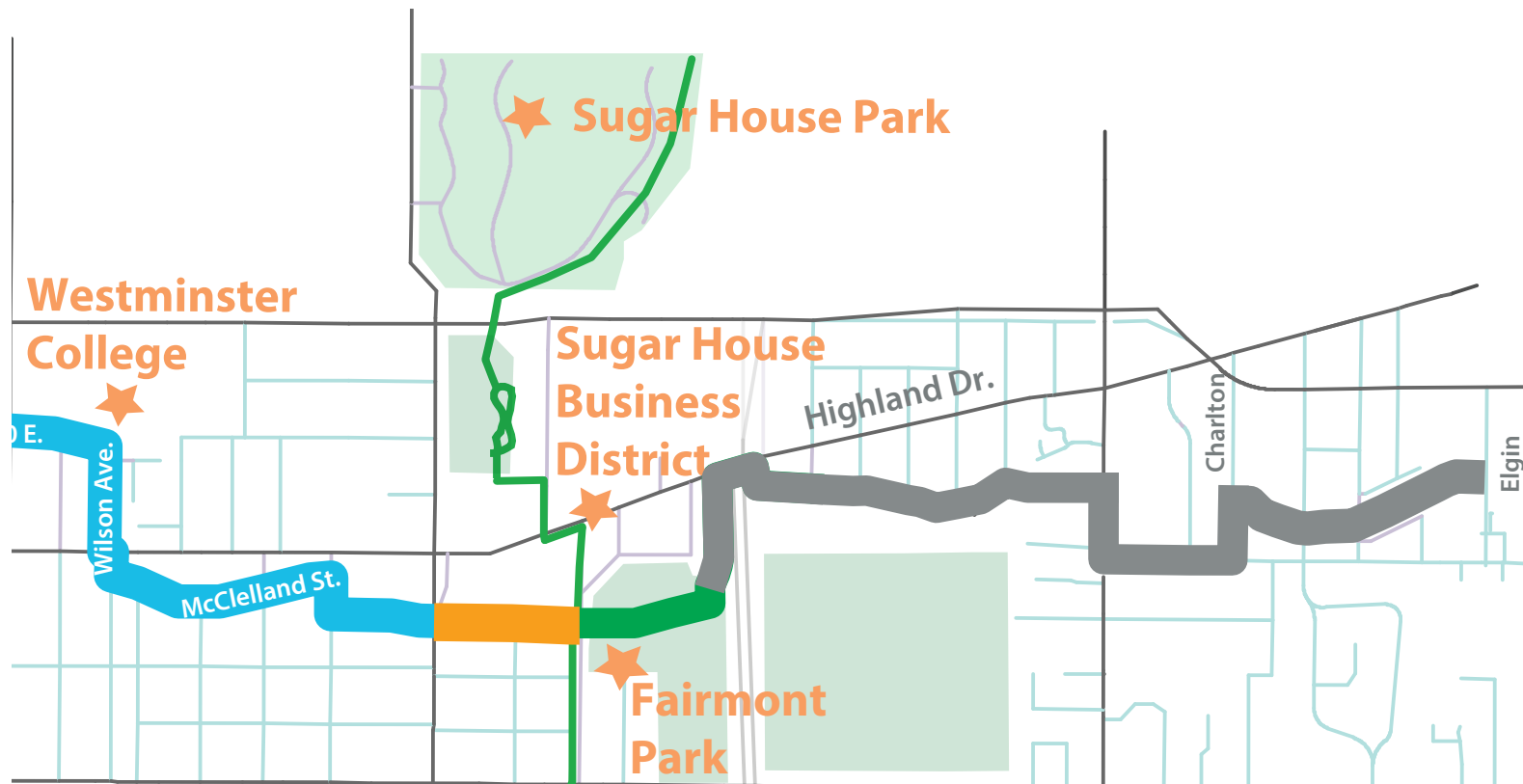
*Facing East

McClelland Trail, Parley's Trail, and Streetcar Alignment at Sugarmont Drive



McClelland Trail Phase III Next Steps

1. Demonstrate quality and demand with Phases 1 and 2
2. Present options for public input
3. Select preferred option
4. Request funding for construction





McClelland
Trail



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colin.quinn-hurst@slcgov.com



7-1

Oct 7, 2016, 8:44 AM, Larry Migliaccio

This shows the trail thru Fairmont Park. The next page indicates the trail going around the east side of the park on the street.

Also, the connection to Parleys Trail is indicated on Sugarmont. Could Parleys Trail go thru Boulder Ventures property instead of on street at Highland Drive before heading west on Sugarmont?

Plan carefully for new Meacham med center project at Highland Drive and Wilmington. Parleys Trail crossing Highland Drive in the same proximity should be coordinated with the ultimate connection to McClelland Trail. Avoid Highland Drive section of Parleys Trail as shown and route through Boulder Ventures development.

9-1

Oct 7, 2016, 8:44 AM, Larry Migliaccio

Sidewalks must be wide. Can we do this? Remove on street parking. The parking study indicates under-utilization of existing parking lots. Make walking a more pleasant experience avoiding Parking maneuvers.

10-1

Oct 7, 2016, 8:44 AM, Larry Migliaccio

What happens to Boulder Ventures trail? ((Per their development plan). Route Parleys Trail thru Boulder Ventures Trail to Sugarmont?

10-2

Oct 7, 2016, 8:44 AM, Larry Migliaccio

Sign for no left turn for west bound 2100 south traffic at McClelland. Evaluate left turn from 2100 south for prohibition at rush hours.

11-1

Oct 7, 2016, 8:44 AM, Larry Migliaccio

Where is the hawk light located? Sugarmont and McClelland?
See previous comment on Parleys Trail route to avoid Highland Drive.

11-2

Oct 7, 2016, 8:44 AM, Larry Migliaccio

Label Parleys Trail and McClelland Trail

11-3

Oct 7, 2016, 8:44 AM, Larry Migliaccio

24 parking spaces provided here. To mitigate air pollution and heavy traffic congestion, these should be avoided with off street parking (in lot) only. Option 1 becomes much more preferable.

Sugar House should make it a priority to provide off street parking and manage all lots in a consistent manner with adequate signage for motorist access. Improving walkability will make the Sugar House experience much more pleasant and offset the loss of on street parking.

12-1

Oct 7, 2016, 8:44 AM, Larry Migliaccio

I don't believe this option is practical with all the residential vehicles entering and exiting and other vehicles searching for parking for commercial purposes. (Dining/shopping)

13-1

Oct 7, 2016, 8:44 AM, Larry Migliaccio

Option 1 preferable.

15-1

Oct 7, 2016, 8:44 AM, Larry Migliaccio

One-way Option ok short term, but interferes with streetcar in the future.

16-1

Oct 7, 2016, 8:44 AM, Larry Migliaccio

Is this a view of Sugarmont looking west? If so, this is where Parleys trail would go through Boulder Ventures property to avoid Short segment on Highland Drive.

17-1

Oct 7, 2016, 8:44 AM, Larry Migliaccio

How does street car route affect Boulder Ventures? Also, impact from traffic on McClelland must be minimized as much as possible. Obviously, traffic signal system will be needed at McClelland and Sugarmont. A hawk light will not work for this crossing point.

19-1

Oct 7, 2016, 8:44 AM, Larry Migliaccio

Signalization required to control street car, vehicle and pedestrian movement.

19-2

Oct 7, 2016, 8:44 AM, Larry Migliaccio

Prohibit parking on street for safety reasons. Allowing parking in this vicinity restricts safety of the Sugarmont-McClelland intersection.