



GAGE CANAL MULTIPURPOSE TRAIL

Parks, Recreation and Community Services
Department

Safety, Wellness, and Youth Committee
October 20, 2021

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Gage Canal Multi-Purpose Trail

PHASE 1

City of Riverside

Parks, Recreation and Community Services
Department



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PROJECT OVERVIEW

BACKGROUND

- Funded by California Natural Resources Agency (CNRA) Urban Greening Grant
- Approximately 2 miles in length between Palmyrita Ave and Blaine street

PROJECT GOALS

- Plant 600 trees; application documents indicate an estimated net GHG benefit of 868 MT CO2
- Construct asphalt concrete-paved multi-use path and natural surface trail in parallel
- Install solar lighting along the length of the project corridor
- Create unique access points with pedestrian and bicyclist amenities
- Install crossing enhancements where the trail will cross existing roadways



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EXISTING CONDITIONS UPDATE

Gage Canal Trail - RESIDENTIAL SECTION



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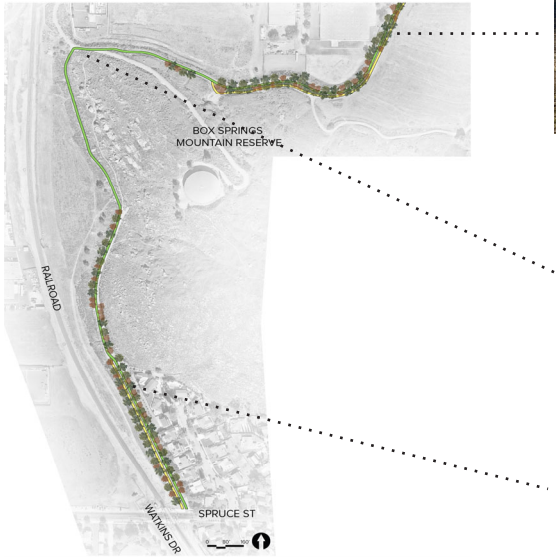



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EXISTING CONDITIONS UPDATE

Gage Canal Trail - BOX SPRINGS SECTION






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EXISTING CONDITIONS UPDATE

Gage Canal Trail - INDUSTRIAL SECTION





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OUTREACH

Survey - OVER 500 RESPONSES

Physical:

- 500 Mailers distributed to residents within ¼ mile of the project area
- 10 yard signs at Trail entries and key locations
- Project flyers distributed in AUSD student take-home packages

Digital:

- City of Riverside and PRCSD Facebook
- City of Riverside and PRCSD Instagram
- PRCSD website post
- Press Enterprise Newspaper website
- UC Riverside Highlander Newspaper website
- Riverside Unified School District parent notices via PeachJar, and inclusion in Principal's newsletters
- Alvorad Unified School parent notices via PeachJar



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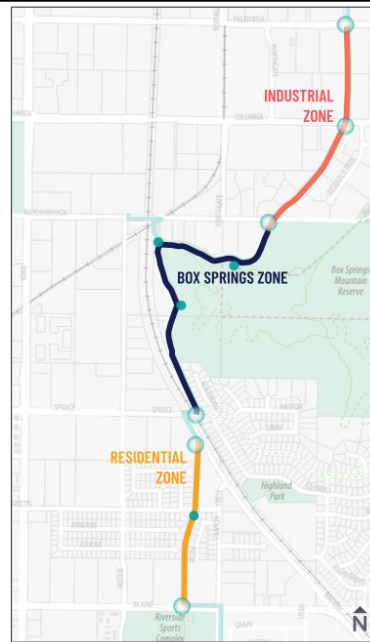
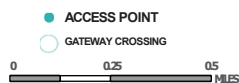
CONCEPT PLANS

THREE DESIGN ZONES

Residential Zone
from Blaine Street to Watkins Drive

Box Springs Zone
from Spruce Street to Malborough Road

Industrial Zone
from Marlborough Road to Palmyrita Avenue



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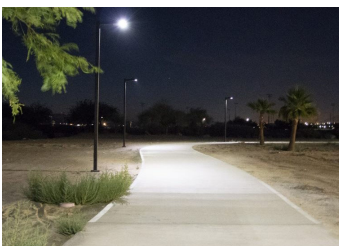
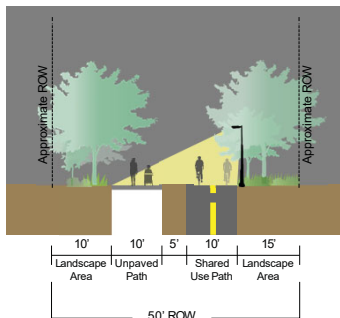
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CONCEPT PLANS

LIGHTING

First Light SCL2 Series:

- Pole Mounted Solar Lights
- Dark-sky compliant fixtures
- Will include timers, sensors, and remote-control technology
- Pedestrian Scale



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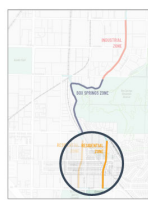
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CONCEPT PLANS

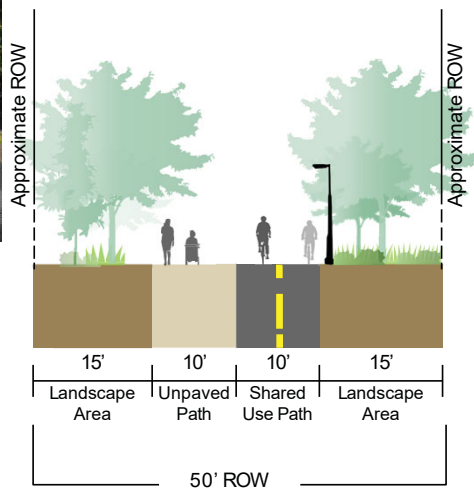
ZONE 1: Residential



Trail concept rendering located between Blaine Street and Watkins Drive looking north



TYPICAL SECTION DETAIL



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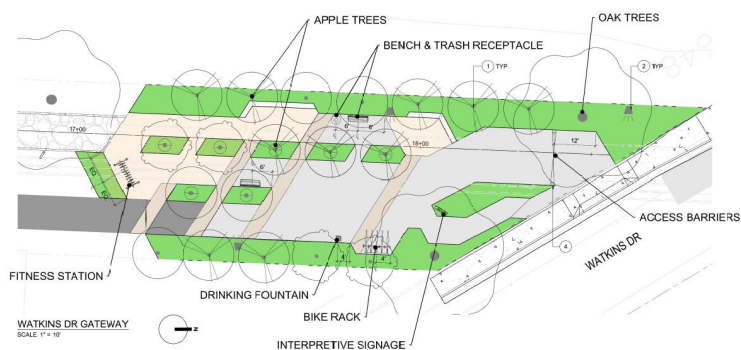


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CONCEPT PLANS

ZONE 1: Residential



Trail gateway concept rendering located at Watkins Drive looking south



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CONCEPT PLANS

ZONE 1: Residential

LANDSCAPE: URBAN ORCHARD



- Agricultural History
- Appropriate for Trailhead/Gateways
- Most applicable to Residential Section
- Potential Partnerships for Tending Trees

LIGHTING



- Reduce light pollution for neighboring residents
- Fixtures should be used to direct all illumination down towards the trail surface
- 0.2-0.5 foot-candles

AMENITIES



- Seating
- Water Fountains
- Trash Receptacles
- Bicycle parking



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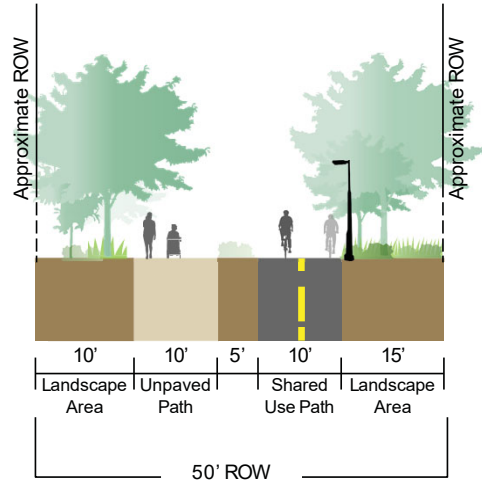
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CONCEPT PLANS

ZONE 2 : Box Springs



TYPICAL SECTION DETAIL



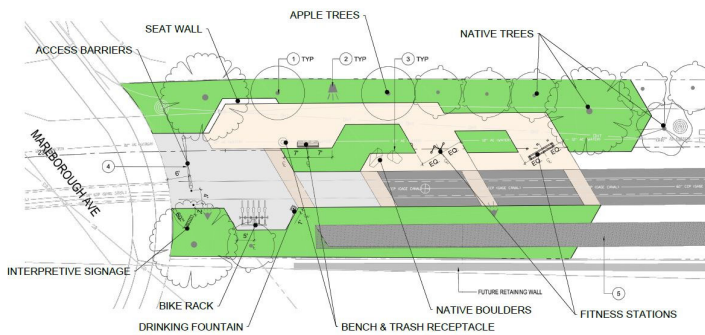
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CONCEPT PLANS

ZONE 2 : Box Springs



Trail gateway concept rendering at Malborough Avenue



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CONCEPT PLANS

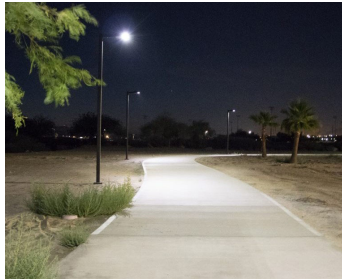
ZONE 2 : Box Springs

LANDSCAPE: CONNECTION TO NATURE



- Enhance Local Habitat
- Drought Tolerant
- Monumental Trees + Small Trees
- Reference Box Springs Sage Scrub Community

LIGHTING



- Reduce lighting to limit disruption to sensitive ecosystems
- Fixtures should be used to direct all illumination down towards the trail surface
- 0.1-0.3 foot-candles

AMENITIES



- Seating
- Water Fountains
- Trash Receptacles
- Bicycle parking



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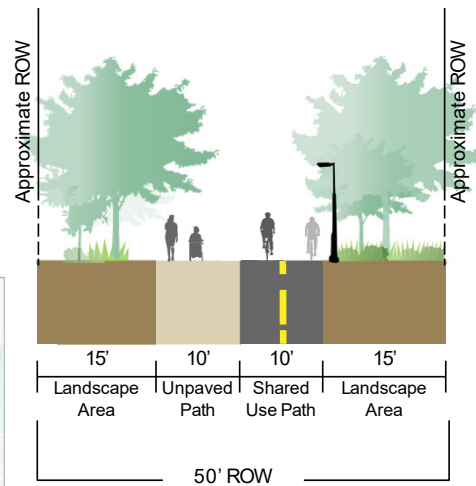
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CONCEPT PLANS

ZONE 3 : Industrial



TYPICAL SECTION DETAIL



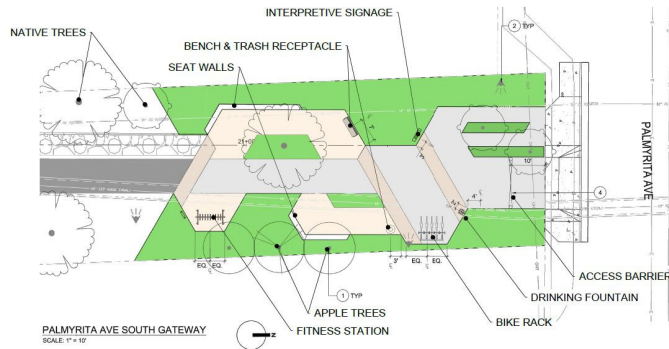
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CONCEPT PLANS

ZONE 3 : Industrial



Trail gateway concept rendering at Columbia Avenue



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CONCEPT PLANS

ZONE 3 : Industrial

LANDSCAPE



- References Industrial Section Landscape Context
- Industrial Section Trailheads/ Gateways
- Monumental Trees + Small Trees

LIGHTING



- Illumination of the trail surface can increase
- Cut-off fixtures are not necessary
- 0.5-1.0 foot-candles

AMENITIES



- Seating
- Water Fountains
- Trash Receptacles
- Bicycle parking



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NEXT STEPS

- Finalize 100% Plans – November 2021
- City Council Meeting – November 2021
- Execute MOU between City Departments – November 2021
- CEQA SB288 Notice of Exemption Filing – November 2021
- Bid/Construction Documents & Specifications – December 2021
- Award Contractor Agreement – January/February 2022
- Construction & Installation – February 2022 – November 2022



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RECOMMENDATION

1. Receive an update on the Gage Canal Trail Improvements Project; and
2. Recommend that the City Council approve the execution of an interdepartmental MOU between the City of Riverside Public Utilities Department, Water Division (RPU), and the Parks, Recreation and Community Services Department (PRCSD)



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