



Eureka and Pacific Trail Alignment Options Master Plan

Cities of Eureka and Pacific, Missouri

05.31.2019





TABLE OF CONTENTS

PROJECT INFORMATION	03
PUBLIC ENGAGEMENT	05
CONNECTIONS AND DESTINATIONS	08
ALIGNMENT CONCEPTS	10
MASTER PLAN RECOMMENDATIONS	18
APPENDIX A	21
APPENDIX B	26



PROJECT INFORMATION

Project Background

The focus of this project is to create a master plan that addresses the following key priorities for the Cities of Eureka and Pacific:

- Create a trail between the cities along the Historic Route 66.
- Provide links to downtown Eureka and Pacific as a tool for economic development.
- Provide recreation opportunities.
- Identify destinations along the trail route.
- Connect to existing trails and bike routes within Eureka and Pacific.
- Plan for future connections to larger scale trail networks.

Project Funding



The **Cities of Eureka and Pacific** have joined together and received a planning grant from the Municipal Park Grant Commission. This grant will be used to create a master plan vision for a future trail connection between the two cities along Historic Route 66.

- *Provide a foundation for more detailed design and trail alignment.*
- *Design and implementation timeline and funding are to be determined.*

Project Team



- Steve Myers - Mayor
- Steve Roth - City Administrator



- Scott Runde
- Jay Wohlschlaeger
- Lead Consultant
- Park and Trail Planning



- Kevin Coffey - Mayor
- Missy Myers - Director of Parks & Recreation



- Engineering
- Utility Coordination





PUBLIC ENGAGEMENT

Public engagement and input is critical to the success of a master plan, and was a significant element in the development of the goals and proposed trail alignment options.

Two public input meetings were held for this planning effort and each was well attended by residents of Eureka and Pacific along with individuals and organizations interested in this potential trail connection. The overall response from attendees was very supportive of the proposed trail and the opportunities it will provide to the cities and the region.

The following pages contain an overview of each meeting and input received. Full copies of the meeting presentations, maps, and feedback received are included in Appendix A and Appendix B to this report document.

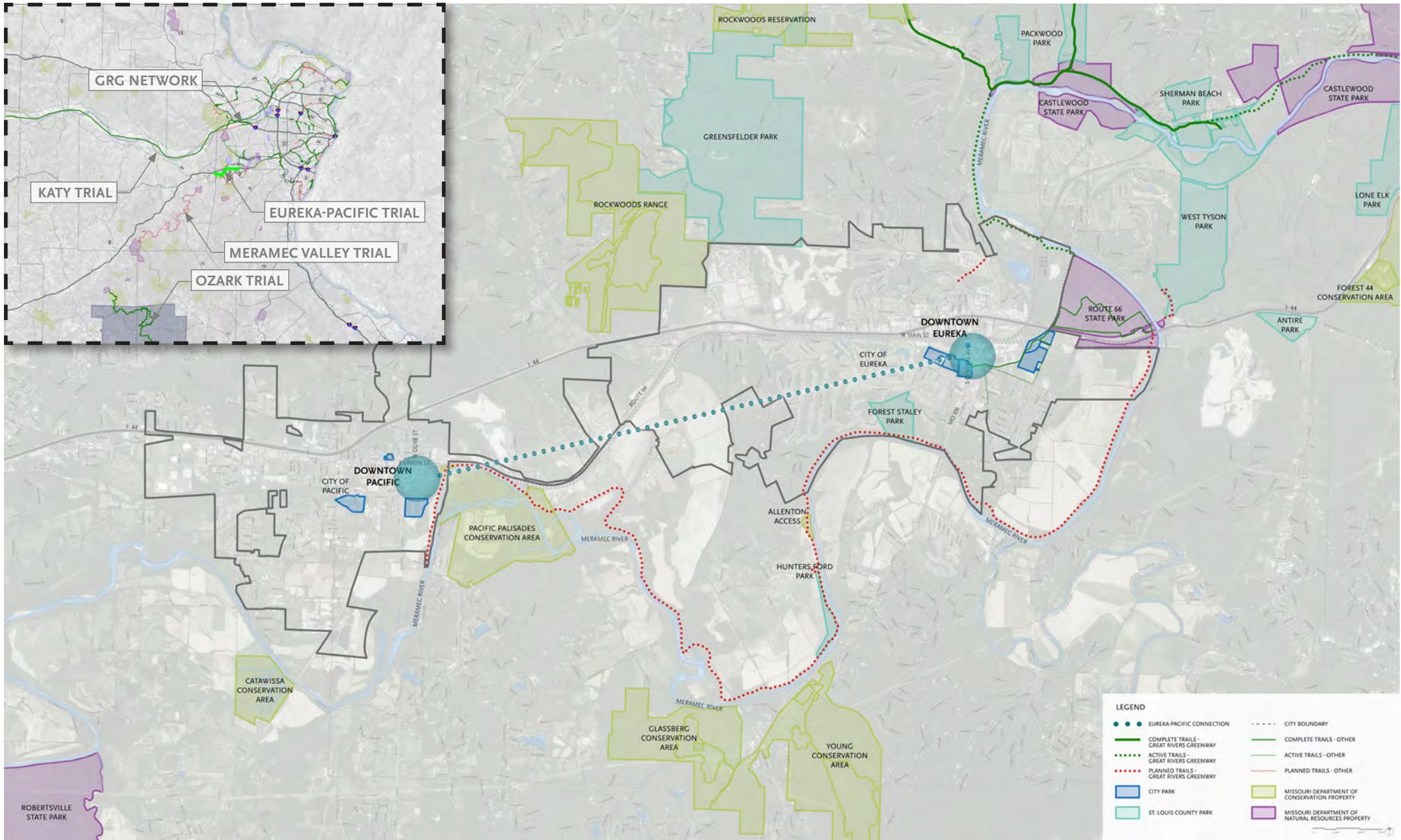


CONNECTIONS AND DESTINATIONS

The goal of connectivity with this trail expands beyond the two cities of Pacific and Eureka. Throughout this planning process we heard from community leaders, residents and other meeting attendees about the impacts envisioned for this trail connection. In reviewing the sign-in sheets from the input meetings you see the variety of trail, hiking, conservation and economic generation organizations that participated in the process and support this trail connection.

Priority connections and destinations along this trail route and throughout the region that can be linked with the trail have been identified on the map presented on the following page. These include:

- Municipal Parks and Trail Systems
- County Parks
- State Parks
- Conservation Lands
- Regional Trail Networks
- Historic Landmarks
- Commercial / Retail Districts



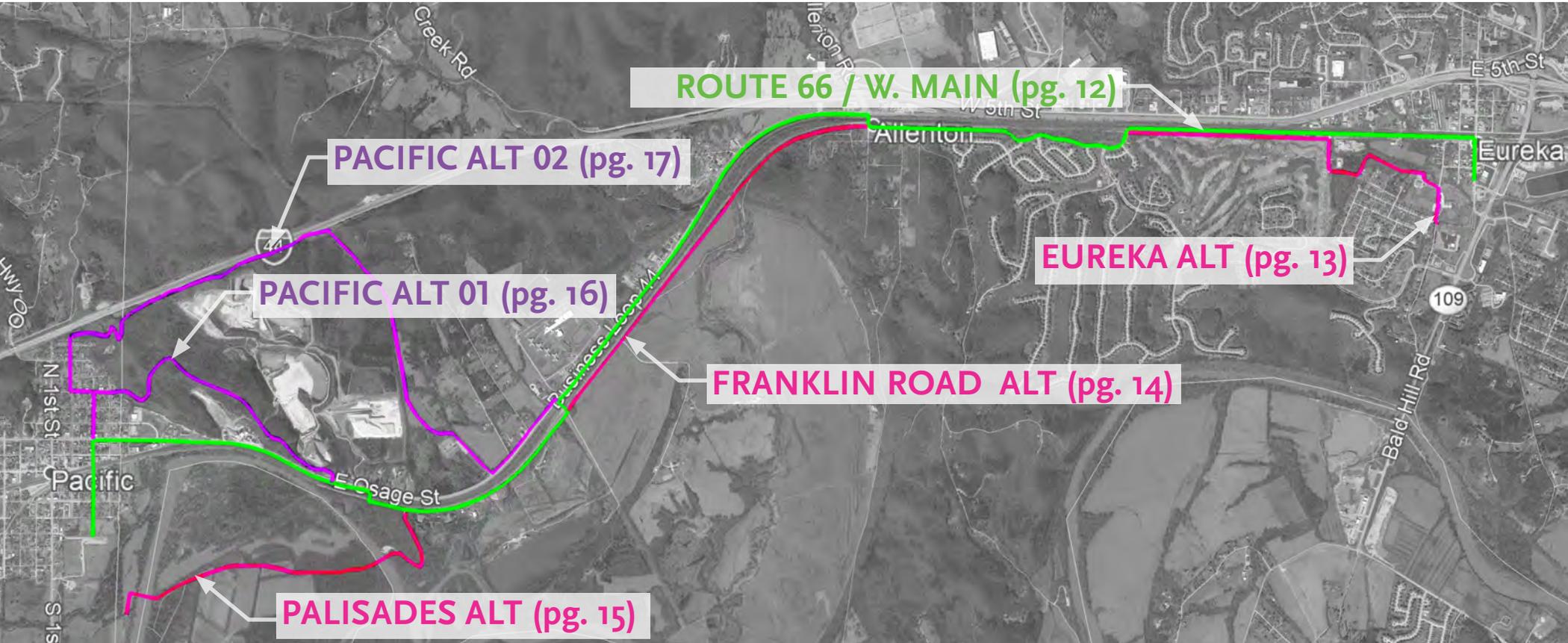


ALIGNMENT CONCEPTS

Based on the feedback received throughout the planning process this plan has identified multiple alignment concepts for the trail connection. These alignments explore direct routes, routes to minimize adjacency to the rail lines, scenic alignments and alignments that provide for equestrian or hiking trails.

Next steps for trail development will require more detailed understanding of the existing conditions and initiation of engagement with land owners and stakeholders to determine development feasibility, partnerships, and implementation costs. Starting with multiple alignment options will provide the cities flexibility in this next step and the partnership conversations.

The following pages contain an overview of the alignment options and an assessment of each alignment. The assessments sheets include a graphic plan, overview of “pros” and “cons” for that alignment, and summary of stakeholders along that alignment.



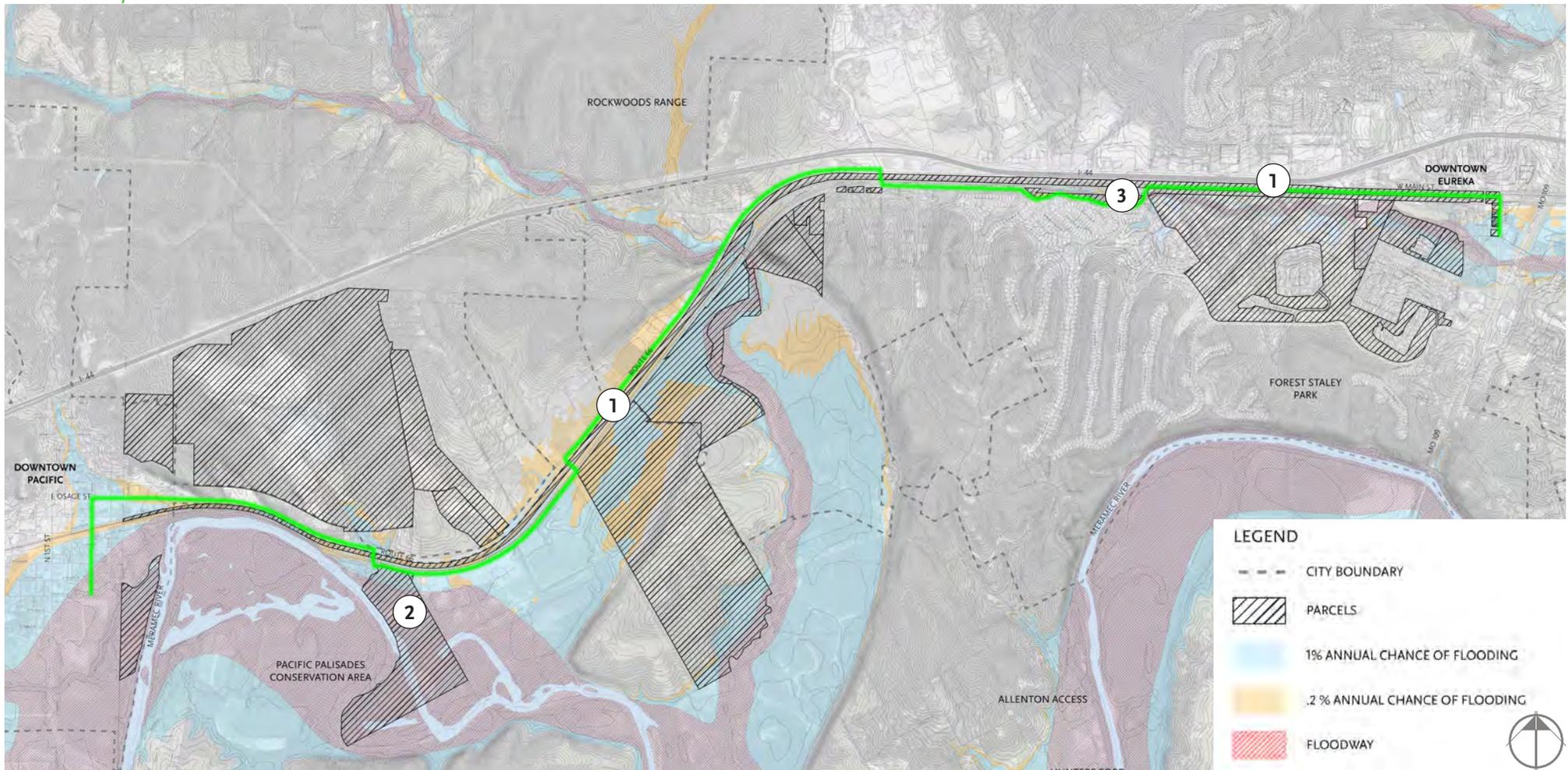
LEGEND

- PRIMARY ALIGNMENT
DIRECT CONNECTION BETWEEN DOWNTOWN PACIFIC AND DOWNTOWN EUREKA
- SECONDARY ALIGNMENTS
FOR FEASIBILITY & USER EXPERIENCE
- TERTIARY ALIGNMENT
MOUNTAIN BIKE/EQUESTRIAN TRAIL



The results of the public engagement were incorporated into **several route alternatives that accomplish the diverse goals of the trail.** These routes could be narrowed down or combined in variable ways to complete the trail connecting downtown Eureka and downtown Pacific.

Route 66 / W. Main



PROS

- Least prohibitive from a constructability / development cost standpoint
- Fewer entities to coordinate property acquisition and easements

CONS

- Requires coordination and negotiation with Railroads, MoDOT, and other private entities
- Mostly a direct route that is close to or directly adjacent to roadways
- Conflict points with crossing at major roadways and railroad spurs

MAJOR PROPERTY OWNERS

- ① 3-M NATIONAL ADVERTISING CO
- ② STATE OF MISSOURI
- ③ ASHTON WOODS HOMEOWNERS ASSOCIATION

Eureka Alternate



PROS

- Pulls trail away from major roadways
- Connects directly to City parks and existing trails

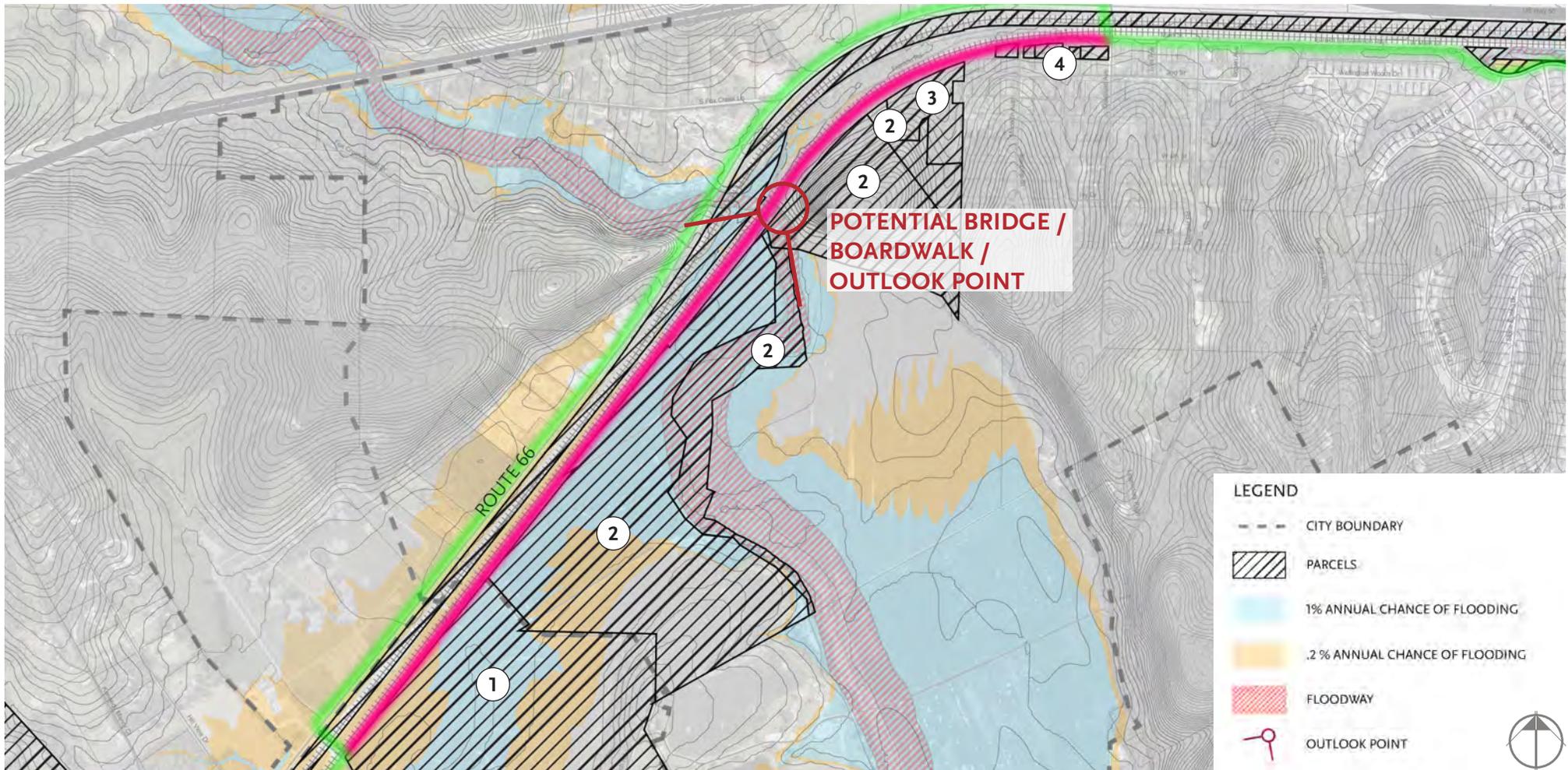
CONS

- Requires additional coordination and negotiation with private landowners
- Bypasses Downtown Eureka

MAJOR PROPERTY OWNERS

- ① LEGENDS GOLF PARTNERS LLC
- ② BRECKENRIDGE MATERIAL COMPANY
- ③ CITY OF EUREKA: DREWEL PARK & LEGION PARK

Franklin Road Alternate



PROS

- Pulls trail away from major roadways
- Opportunity for meandering path through wooded area
- Opportunity for iconic bridge/outlook points
- Utilizes existing Franklin Road

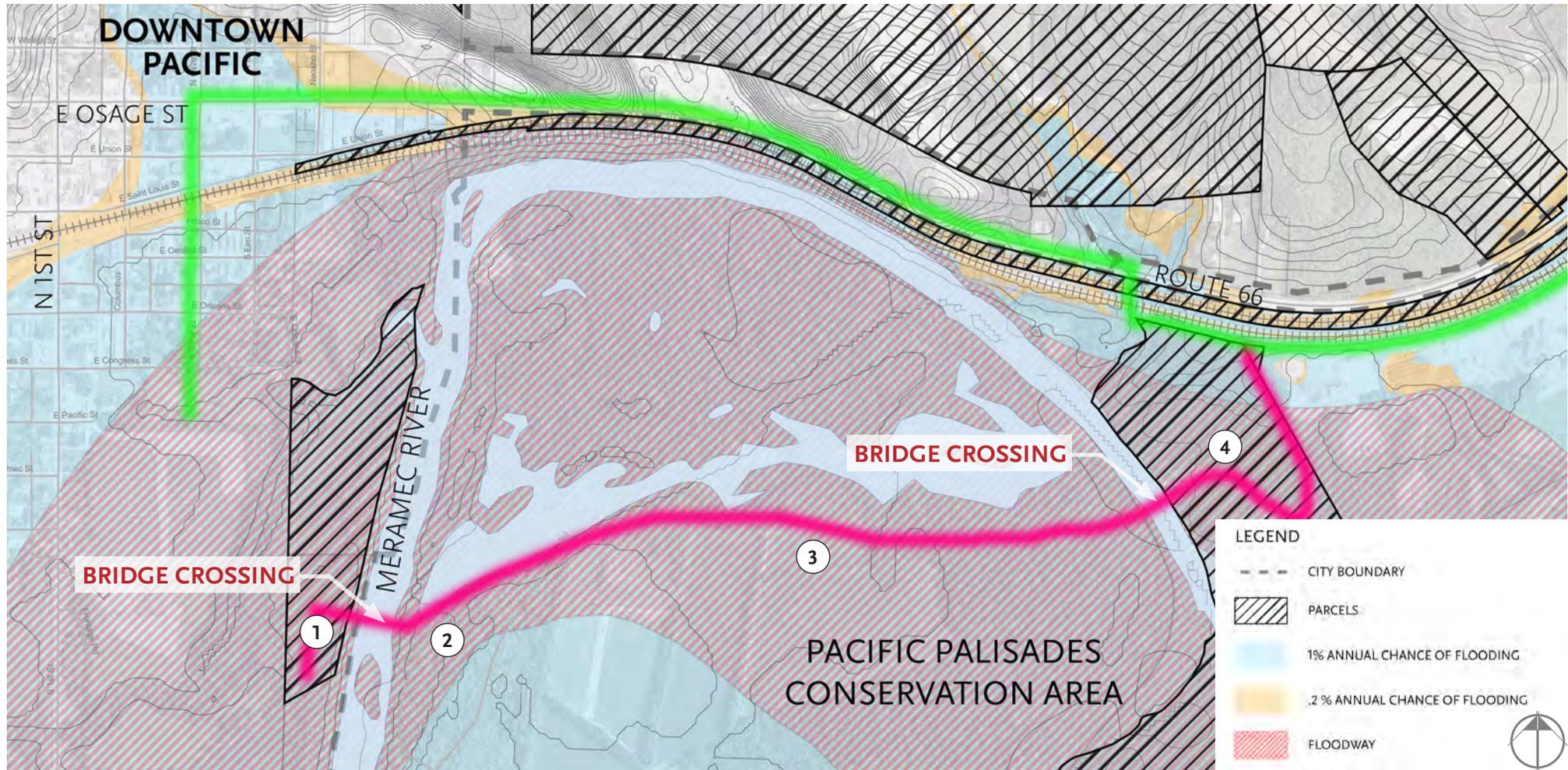
CONS

- Requires coordination and negotiation with Railroad and private landowners
- Challenging topography in areas, likely increases construction costs

MAJOR PROPERTY OWNERS

- ① FLYNN FARM LLC
- ② PRIVATE
- ③ CV EUREKA LLC
- ④ CV EUREKA LLC (MULTIPLE PROPERTIES)

Palisades Alternate



PROS

- Pulls trail away from major roadways
- Provides direct connections and access to the River / Palisades Conservation Area
- Opportunity for iconic outlooks
- Educational opportunities along the trail

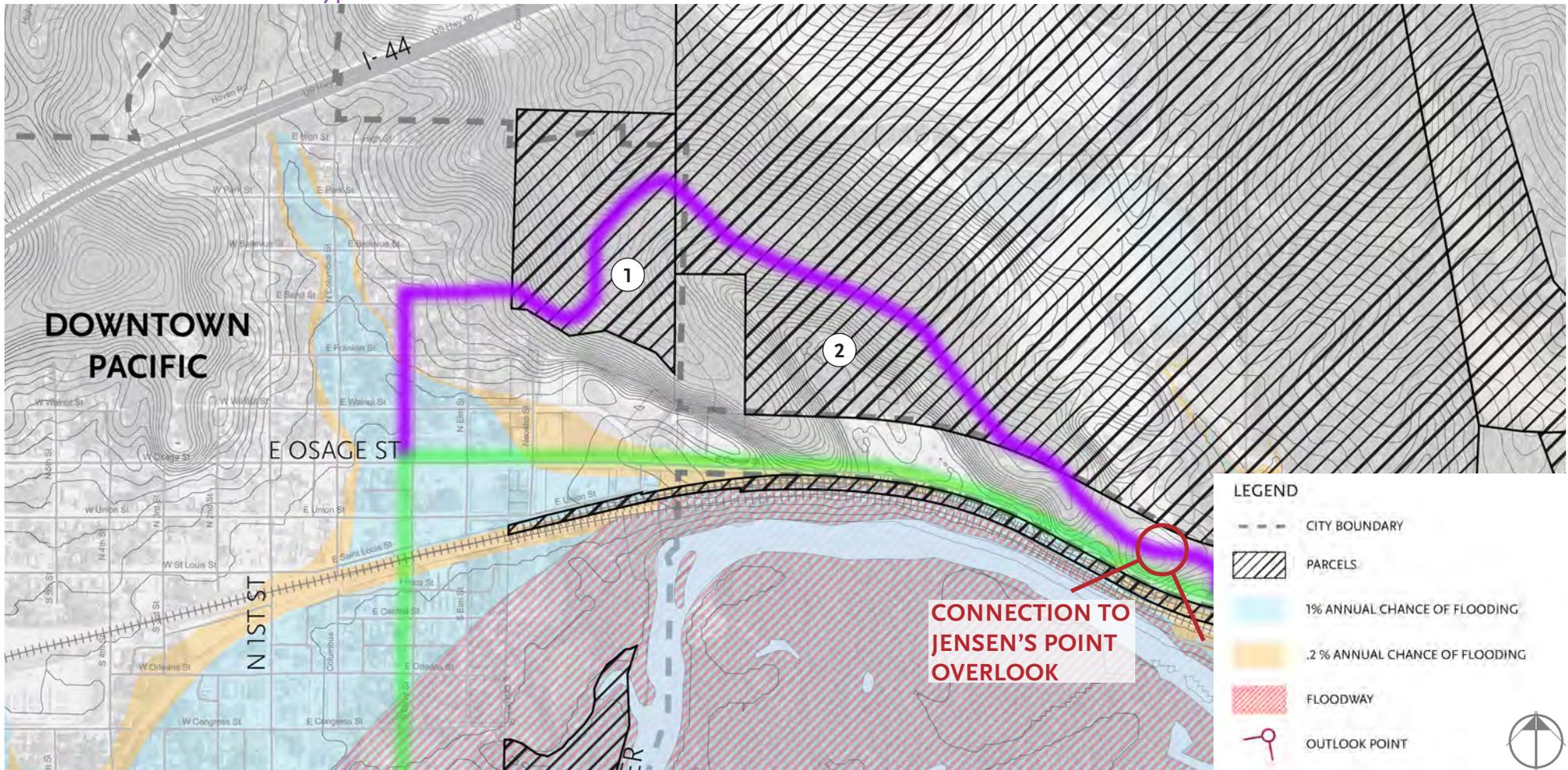
CONS

- Bypasses Downtown Pacific
- Requires multiple bridges at river crossings
- Predominately located in floodplain or floodway
- Likely requires significant flood study, mitigation, and extensive coordination with FEMA, USACE and the State of Missouri.

MAJOR PROPERTY OWNERS

- ① GREAT RIVERS GREENWAY DISTRICT
- PALISADES VILLAGE POA
- ② CONSERVATION COMMISSION OF MO
- ③ STATE OF MISSOURI
- ④

Pacific Alternate 01 - Rail Bypass



PROS

- Pulls trail away from major roadways
- Provides direct connection to Downtown Pacific
- Opportunity for meandering woodland path.
- Opportunity for Equestrian Trail Route
- Connection to Jensen’s Point park/lookout

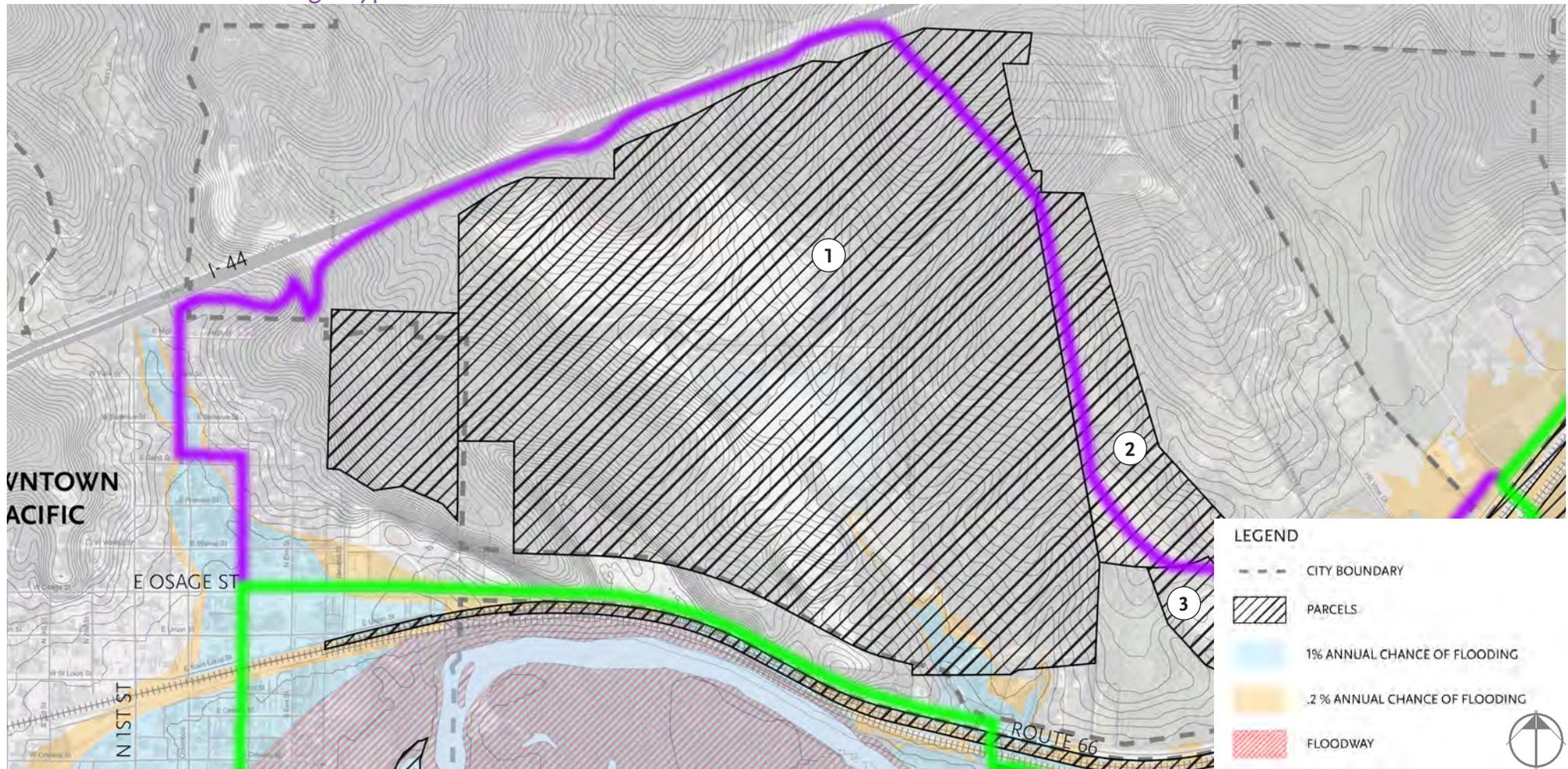
CONS

- Contingent on coordination and negotiation with private landowners
- Negotiations with US Silica may be prohibitive
- Challenging topography, likely limits trail type or increase construction costs

MAJOR PROPERTY OWNERS

- ① UNNERSTALL CONTRACTING CO
- ② U S SILICA COMPANY

Pacific Alternate 02 - Osage Bypass



PROS

- Pulls trail away from major roadways
- Provides direction connection to Downtown Pacific
- Opportunity for meandering woodland path
- Opportunity for Equestrian Trail Route

CONS

- Contingent on coordination and negotiation with private landowners
- Negotiations with US Silica may be prohibitive
- Challenging topography, likely limits trail type or increase construction costs
- Proximity of alignment to the Interstate 44

MAJOR PROPERTY OWNERS

- ① U S SILICA COMPANY
- ② ALLENTON - PACIFIC PROPERTIES LLC
- ③ UNION ELECTRIC COMPANY



MASTER PLAN RECOMMENDATIONS

This section contains an overview of next steps to continue the momentum generated through the planning process with residents and the regional community.

This planning effort is only the beginning of the trail development process. This engagement and visioning effort provides a foundation and direction for the cities of Eureka and Pacific to build upon and move the trail forward knowing the desires of the communities.

The following pages summarize recommended next steps and outlines potential funding sources that may be engaged to assist with these efforts as well as design and construction costs associated with the trail implementation.



Additional Study and Coordination

The vision and plan set the path toward implementation of the Eureka Pacific Trail. Additional study including more detailed design, surveying, engineering, and cost estimates are needed to identify the most feasible and desirable routes and prepare the routes for funding applications and construction.

Coordination will need to occur with several agencies, including:

- Cities of Eureka and Pacific governmental departments
- St. Louis County departments
- Great Rivers Greenway
- Missouri Department of Transportation
- Missouri Department of Natural Resources
- Missouri Department of Conservation
- Terminal Rail Association

Private land owners with property on the proposed trail alignment will also need to be approached for property acquisition and/or easements. Owners of property adjacent may also need to be coordinated with to ensure trail construction and operations are minimally disruptive.



Funding

Funding will need to be identified to complete the additional study and coordination, as well as the construction of the project. There are many potential national, state, and local funding sources.

- **Surface Transportation Program:** East-West Gateway administers FHWA funds that can be used for bicycle and pedestrian projects, as well as highway and bridge projects
- **Transportation Alternative Program:** East-West Gateway administers FTA funds that can be used for small-scale community improvement projects, including bicycle and pedestrian facilities and recreational trails.
- **Congestion Mitigation Air Quality:** East-West Gateway administers FHWA funds that can be used to pay for transportation projects that improve air quality, including bicycle and pedestrian improvements.
- **Funding Districts:** Tax Increment Financing (TIF), Transportation Development Districts (TDD) and Community Improvement Districts (CID) capture tax increment or additional taxes and can be used for infrastructure improvements in those districts, including trails.
- **Railway-Highway Crossings (Section 130) Program:** FHWA funds that can be used for public crossings including roadways, bike trails and pedestrian paths.
- **Rivers, Trails, and Conservation Assistance Program:** NPS funds that can be used for building healthy communities through parks, trails, and outdoor opportunities.
- **National Recreation Trail Program:** FWHA funds dedicated to developing and maintaining recreational trails and trail-related facilities for both nonmotorized and motorized recreational trail uses.
- **Land and Water Conservation Fund (LWCF):** Missouri State Parks administers USDOI funds available for outdoor recreation projects. \$250,000 maximum per project with 50% match.
- **Kodak American Greenways Awards Program:** The Eastman Kodak Company, the Conservation Fund and the National Geographic Society provide small grants to stimulate the planning and design of greenways in communities throughout America.
- **Outdoor Recreation Legacy Partnership Program:** Missouri State Parks administers USDOI funds available for expanding outdoor play in areas with great need. Missouri can submit 3 project proposals for consideration.
- **Recreational Trails Program (RTP):** Missouri State Parks administers USDOI funds available for constructing new recreational trails, developing trailheads or trail amenities, acquiring land for recreational trails, among other things. \$250,000 maximum grant per project with a 20% match.
- **St. Louis County Municipal Park Grant Commission Construction Grants:** Funds that can be used for construction of park facilities. Grant caps are based on population – with both Eureka and Pacific included on the application, the cap would be \$475,000.
- **St. Louis County Parks Foundation:** Local foundation that supports and promotes the facilities, programs, capital improvements and resources of the St. Louis County parks
- **Local private foundations** that focus on improving the environment and communities, such as the Trio Foundation of St. Louis, Enterprise Holdings Foundation, and the Crawford Taylor Foundation.
- **Private donors:** Companies or residents in the area may be interested in donating funds to support the trail, sometimes tied to having their name associated with the trail with the name or on signage.





APPENDIX A - PUBLIC INPUT #1



PUBLIC INPUT MEETING #1 - MEETING PRESENTATION



PUBLIC INPUT MEETING #1 - MEETING INPUT SUMMARY

TRAIL TYPE
PLEASE INDICATE YOUR PREFERENCE USING THE STICKERS PROVIDED



EUREKA AND PACIFIC TRAIL MASTERPLAN

1 | I SEE MYSELF USING THE TRAIL TO...?

*Like
Run
Sub from work*

PLEASE PLACE A POST-IT NOTE OR WRITE A COMMENT.



Open House Comments - Trail Type Preference Summary



35 VOTES

TRAIL TYPE
PLEASE INDICATE YOUR PREFERENCE USING THE STICKERS PROVIDED



EUREKA AND PACIFIC TRAIL MASTERPLAN
CITIES OF EUREKA AND PACIFIC, MISSOURI | JANUARY 22, 2019

1 | I SEE MYSELF USING THE TRAIL TO...?

*MULTI USE
W/ EQUINE
PICKNICKING
NO ASPHALT*

*Like my
Mountain bikes
on asphalt
ROAD - NO ASPHALT
PREFERRED*

*BIKING
HIKING
RUNNING*

*Good trail
Easy
Mountain bike
etc.*

*Good for
mountain
bikes*

PLEASE PLACE A POST-IT NOTE OR WRITE A COMMENT.



1 | I SEE MYSELF USING THE TRAIL TO...?

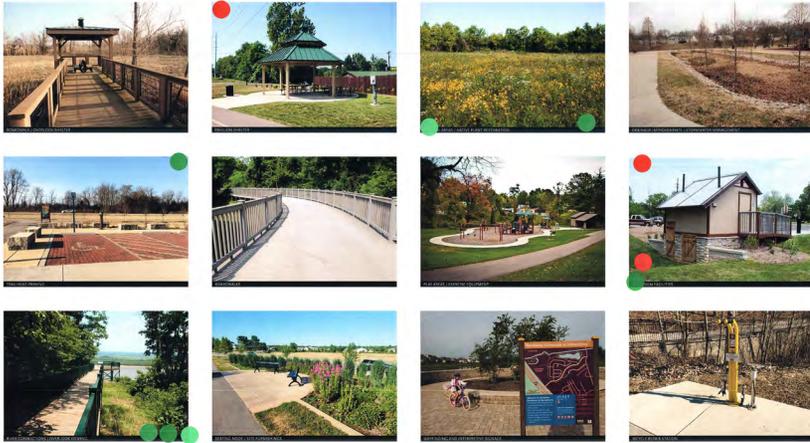
- MOUNTAIN BIKE (X4)
- BIKING (X4)
- EQUINE (X2)
- HIKING (X2)
- RUNNING (X2)

- MULTIUSE
- EXERCISE
- NATURE
- COMMUTE TO RESTAURANTS & BARS
- PICNIC TABLES
- BOAT LAUNCH

56 VOTES TOTAL

Open House Comments - Trail Amenity Preference Summary

TRAIL AMENITIES
PLEASE INDICATE YOUR TOP THREE PRIORITIES USING THE STICKERS PROVIDED



2

EUREKA AND PACIFIC TRAIL MASTERPLAN
CITIES OF EUREKA AND PACIFIC, MISSOURI | JANUARY 22, 2019



BICYCLE REPAIR STATION
11 VOTES



DRAINAGE IMPROVEMENT/SWM
6 VOTES



RIVER CONNECTIONS / OVERLOOK VIEWING
31 VOTES

TRAIL AMENITIES
PLEASE INDICATE YOUR TOP THREE PRIORITIES USING THE STICKERS PROVIDED



2

EUREKA AND PACIFIC TRAIL MASTERPLAN
CITIES OF EUREKA AND PACIFIC, MISSOURI | JANUARY 22, 2019



WAYFINDING AND INTERPRETIVE SIGNAGE
12 VOTES



RESTROOM FACILITIES
20 VOTES

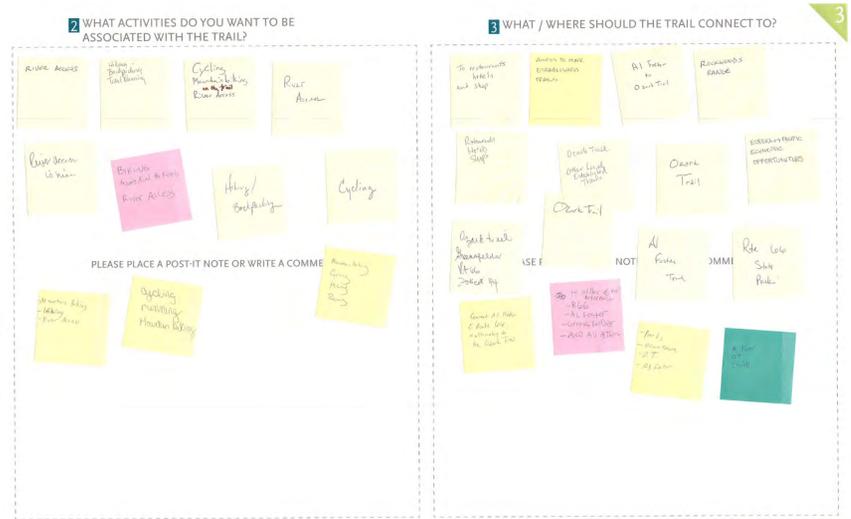


NATURAL AREAS / NATIVE PLANT RESTORATION
23 VOTES



TRAILHEAD PARKING
17 VOTES

131 VOTES TOTAL



EUREKA AND PACIFIC TRAIL MASTERPLAN
CITIES OF EUREKA AND PACIFIC, MISSOURI | JANUARY 22, 2019



EUREKA AND PACIFIC TRAIL MASTERPLAN
CITIES OF EUREKA AND PACIFIC, MISSOURI | JANUARY 22, 2019



- 2** WHAT ACTIVITIES DO YOU WANT TO BE ASSOCIATED WITH THE TRAIL?
- RIVER ACCESS (X6)
 - CYCLING (X6)
 - HIKING (X5)
 - MOUNTAIN BIKING (X5)
 - TRAILRUNNING (X3)
 - BACKPACKING (X2)
 - SIGHTSEEING

- 3** WHAT / WHERE SHOULD THE TRAIL CONNECT TO?
- OZARK TRAIL (X7)
 - AL FOSTER TRAIL (X6)
 - ROUTE 66 STATE PARK (X4)
 - RESTAURANTS, HOTELS, AND SHOPS (X2)
 - OTHER ESTABLISHED TRAILS (X2)
 - GREENSFELDER PARK (X2)
 - ROCKWOODS RANGE
 - FOREST 44
 - CHUBB TRAIL
 - EUREKA & PACIFIC DOWNTOWNS
 - ROCK ISLAND TRAIL AT LABADIE (LONG-TERM)

4 WHAT FEATURES OF A TRAIL ARE MOST IMPORTANT TO YOU?

5 ANY OTHER THOUGHTS ON FUTURE TRAILS IN PACIFIC AND EUREKA?

EUREKA AND PACIFIC TRAIL MASTERPLAN
CITIES OF EUREKA AND PACIFIC, MISSOURI | JANUARY 22, 2019

4 WHAT FEATURES OF A TRAIL ARE MOST IMPORTANT TO YOU?

- **EASILY ACCESSIBLE (X5)**
- **RIVER VIEWS/ SCENIC VIEWS (X5)**
- **CONNECTIVITY (X4)**
- REMOVED FROM TRAFFIC NOISE & ROADWAY (X2)
- RIDEABILITY (BIKING) (X2)
- NATURAL SURFACE (X2)
- BATHROOMS/WATER (X2)
- NO ENVIRO. DAMAGE (X2)
- LONG GRAVEL ROUTE
- DURABLE SURFACE
- SAFETY
- EQUINE
- AWAY FROM HIGHWAY
- HIKE & FLOAT

5 ANY OTHER THOUGHTS ON FUTURE TRAILS IN PACIFIC AND EUREKA?

4 WHAT FEATURES OF A TRAIL ARE MOST IMPORTANT TO YOU?

PLEASE PLACE A POST-IT NOTE OR WRITE A COMMENT.

5 ANY OTHER THOUGHTS ON FUTURE TRAILS IN PACIFIC AND EUREKA?

PLEASE PLACE A POST-IT NOTE OR WRITE A COMMENT.

EUREKA AND PACIFIC TRAIL MASTERPLAN
CITIES OF EUREKA AND PACIFIC, MISSOURI | JANUARY 22, 2019

5 ANY OTHER THOUGHTS ON FUTURE TRAILS IN PACIFIC AND EUREKA?

- **CONNECT THE AL FOSTER TRAIL W/ ROUTE 66 STATE PARK & FLAT CREEK TRAIL (X4)**
- **EASY ACCESS TO OTHER TRAILS/OZARK TRAIL (X3)**
- EXPANSION WEST TYSON PARK "CHUBB" (X2)
- "DECK" ROUTE 66 BRIDGE (X2)
- LOOP TRAIL
- MINIMIZE ENVIRO(MENTAL) IMPACT
- MULTIUSE
- NATURE
- PHYSICAL ACTIVITY
- GREENSFELDER PARK
- SCENIC FEATURES
- SIGNAGE
- MOUNTAIN BIKE SPECIFIC TRAILS



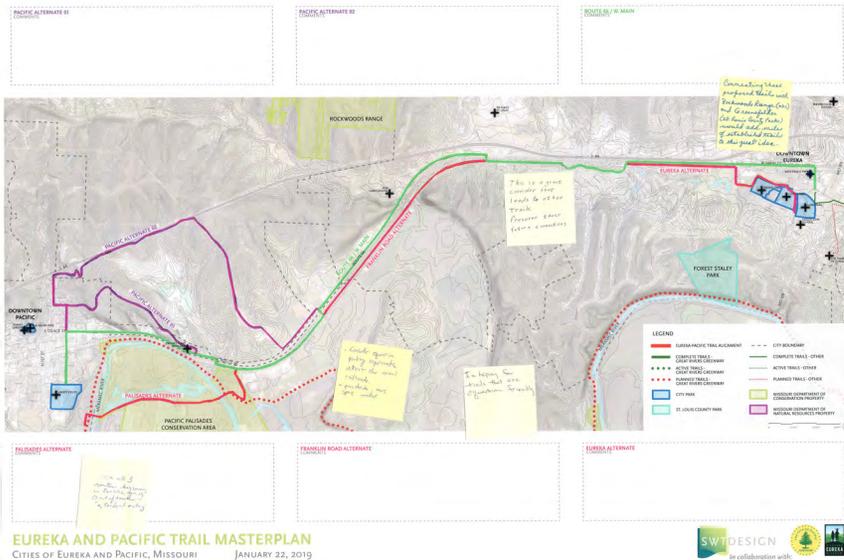
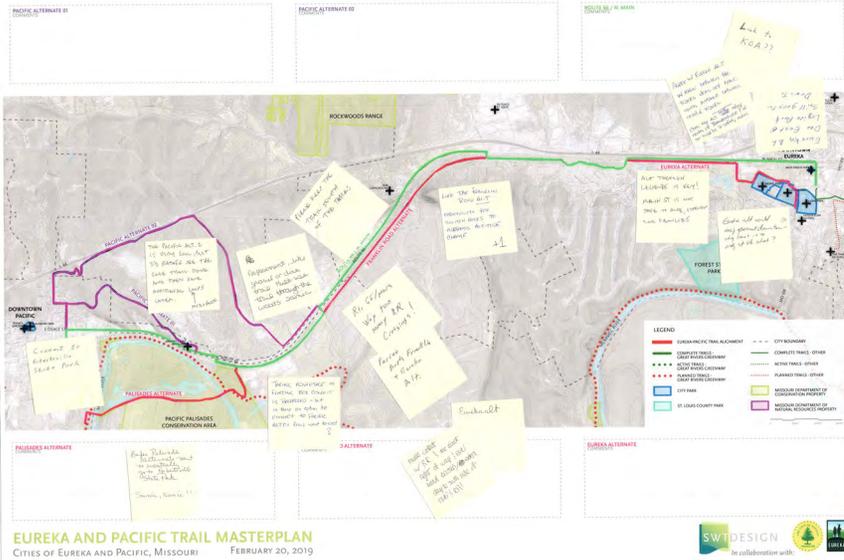
APPENDIX B - PUBLIC INPUT #2



PUBLIC INPUT MEETING #2 - MEETING PRESENTATION



PUBLIC INPUT MEETING #2 - MEETING INPUT SUMMARY



GENERAL COMMENTS

- Connect to Robertsville State Park, Rockwoods Range (MDC), Greensfelder (St. Louis County Parks)
- Link to KOA?
- Preserve future connections
- Multi-use trails (Hike, Bike, & Equestrian)
- Main Trail could be multi-use. Loops off the main trail could satisfy MTB & Horse
- Consider Equestrian Parking Requirements different than normal trailheads, pass-throughs, more space needed.
- South of Tracks preferred
- Scenic.
- Make contact w/ RR and see about right of way & river bank erosion/extents

EUREKA AND PACIFIC TRAIL MASTERPLAN PUBLIC MEETING #2 FEBRUARY 20, 2019 SHEET 08 SHEET				DATE REVISION	DESCRIPTION	NAME OF ORGANIZATION OR INDIVIDUAL FOR COMMENTS
Mark Alford	2702 EUREKA RD. #100	63025	✓			MEMPHIS VALLEY TRAIL ASSOCIATION
Don Williams	780 HARRISON AVE. #200	63025	✓			Building 10-01
Don Williams	2519 W. G. Ln	63040	✓			Pana Wks Trails (BOKE)
Don Schute	PO Box 11	Windsor ST 63092	✓			Green biology
Mathis Rinehart	601 JAMESON DR		✓			Meramec Valley Assoc
Carleen Murray	1821 W. W. WALKER	63025	✓			
Heather LaRue	PO Box 414	Dubuque MO	✓			BOHMO Indian Trade Shop

EUREKA AND PACIFIC TRAIL MASTERPLAN PUBLIC MEETING #2 FEBRUARY 20, 2019 SHEET 09 SHEET				DATE REVISION	DESCRIPTION	NAME OF ORGANIZATION OR INDIVIDUAL FOR COMMENTS
Don Anisoy	9620 GREENVIEW		✓			OZARK TRAIL MOUNTAIN / OTA
George Lipscomb	4785 WINDFALL RD	63076	✓			GORC
Judy Lipscomb	"	"	✓			GORC
Lita Hayes	6449 HERRICK RD	63069	✓			GORC
Matt Hayes	"	"	✓			GORC
GENE MUELLER	12712 FARMHAR AVE. #1	63098	✓			GORC
BRYAN KEEFER	117 HICKORY HILL DR		✓			CITY OF EUREKA
Ray LeClair	944 Columbus	Pacific	✓			
Robert Schmitt	10 Doveslet	63059	✓			YOUNG EXPLORE APPROACH
LeRoy Farnsworth	"	"	✓			SUPPLEMENTARY CHIP STONE DESIGN
Yvonne Munsell	17475 DUNE BREEZE DR		✓			EVERETT'S SIGNWORK
WES SIRE	2205 ASHTONWOOD DR		✓			STL Landscaping
Janice Graham	841 GARDEN W/ MOUNTAIN		✓			City of Pacific
John Custer	1047 HENRY RD	63069	✓			Great River Community
Colleen Curtis	7872 BRUCE TR	63069	✓			Back Country Horsemanship
Steve Myers	2107 Bruce Pike	63069	✓			Missouri State Parks (Berkshire)
Bea Gannon	6112 Walnut Blvd	63176	✓			MOA/PA
Jane Dostal	5823 ALLESTON	63069	✓			
Tracy Munsell	912 State Park Dr		✓			
Jo Rodgers	9464 Maple	63069	✓			
Ernest Velt	480 Cedar Dr	63069	✓			
Ann Sherman	173387 Trail	63065	✓			Eureka Trails + Rec.

