



November 2022

LONG-TERM RECOVERY PLAN UPDATE PROGRESS & NEW PRIORITIES

Paradise, California



Photo provided by Stephen Klessel

LONG-TERM RECOVERY PLAN UPDATE

LEAD

The Town of Paradise

FUNDED BY

Town of Paradise
Adventist Health Foundation
Butte Strong Fund

PARTNERS

Academic Partners
Butte College
Chico State University
Sacramento State University

Arts and Culture

Butte County Library
Chico Arts Commission
Chico Arts/Culture Foundation
Gold Nugget Museum
Northern California Ballet
Norton Buffalo Hall
Paradise Community Guilds
Paradise Performing Arts Center
Theater on the Ridge

Churches

First Baptist Church Paradise
Paradise Alliance Church
Paradise Evangelical Free Church
Paradise Ridge Southern Baptist
Paradise Seventh Day Adventist Church

Community Partners

Butte Strong Fund
Camp Fire Long-Term Recovery Group
North Valley Community Foundation
Paradise Citizens' Alliance
Rebuild Paradise Foundation

Economic Development

3CORE
Adventist Health/Feather River Hospital
Alliance for Workforce Development
Blue Zones
Chabin Concepts
Golden Valley Bank
NoRTEC
Paradise Ridge Chamber of Commerce
Wells Fargo

Elected Official Offices

Congressman Doug LaMalfa
Assemblyman James Gallagher
Senator Jim Nielsen

Housing Partners

Butte County Housing Authority
Community Housing Improvement Program
Habitat for Humanity

Public Agencies

Butte County
Butte County Fire Safe Council
California Department of Forestry and Fire Protection
California Department of Housing and Community Development

California Department of Insurance
California Governor's Office of Emergency Services
Federal Emergency Management Agency
Paradise Recreation & Park District
U.S. Department of Agriculture
U.S. Department of Housing and Urban Development

Schools and Youth

Achieve Charter School
Adventist Academy
Boys & Girls Club of North Valley
Butte County Office of Education
Children's Community Charter School
Core Butte Charter School
Home Tech Charter
Paradise Charter Middle School
Paradise e-Learning
Paradise Unified School District
Youth for Change

Utilities

AT&T
Comcast
Northern Recycling and Waste Services
Paradise Irrigation District
PG&E

PLANNING CONSULTANT WORKING IN SUPPORT OF THE TOWN-LED PROCESS

Urban Design Associates



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EXECUTIVE SUMMARY

Forever changed by the Camp Fire, the Paradise community has worked tirelessly to rebuild and resume life on the Ridge. Priorities have shifted from immediate needs to long-term visions to maintain a resilient community.



Rebuilding update 3 years from the first building permit issued on February 20, 2019

	SINGLE FAMILY HOMES IN DEVELOPMENT	MULTI-FAMILY HOMES IN DEVELOPMENT
Building Permit Applications Received	2,179	427
Building Permits Issued	1,984	313
Homes Rebuilt and Certificate of Occupancies Issued	1,243	257

On November 8, 2018, California's deadliest and the world's most expensive wildfire to date destroyed Paradise. The town was the epicenter of the fire, with every property and every resident affected in some capacity. The massive impact of this scale of destruction is still visible today, four years later.

But the residents of Paradise responded to this tragedy with strength and unity. Alongside first-responders and with the aid of the State of Emergency and Major Disaster declarations for Butte County and the Butte Strong Fund, the Town of Paradise was able to lead a team of federal, state, and local partners to kick off the original long-term recovery process in 2019. Slowly but

Community Development Block Grant Award

On August 22, 2022, the Town of Paradise received a \$199,000,000 Community Development Block Grant Disaster Recovery (CDBG-DR) award from the California Department of Housing and Community Development. This funding was listed as a potential source to cover the unmet need in many of the original recovery projects.

It will go a long way in supporting the rebuilding of Paradise.

surely, Paradise began to grow back. Residents returned, businesses reopened, and life resumed.

*Paradise's beauty is its
unity and resilience.*

Now, just four years since the original long-term recovery plan, Paradise has made huge strides in rebuilding: many residents have come back, rebuilding and repairing their community anchors. This was no small feat: the remarkable alignment and actions of community leaders, town leadership, for-profit and non-profit organizations, state and federal partners, and individual residents cannot be understated.

This evolution represents a changed landscape from which new recovery priorities have emerged. Town leadership identified the need to revisit the Long-Term Recovery Plan (LTRP) completed in 2019 to continue momentum into the future.

This document is the product of a second round

of targeted community engagement. This Long-Term Recovery Plan Update (LTRPU) features the status of all the original recovery projects as reported by designated local partners, provides updates and new projects to reflect the changed environment, and celebrates other related initiatives.

Document Overview

The plan is divided into the following three sections: Engagement Process, Recovery Projects, Parallel Initiatives, and Appendix.

Engagement Process

A second, robust community engagement process advanced the consensus vision. Feedback from residents, stakeholders, and town leadership provided a status update for original recovery projects and helped pinpoint gaps that informed next steps for both old and new projects.

Recovery Projects

Acting as building blocks for rebuilding, the recovery projects in this document respect the huge impacts that have already been made since the original 2019 LTRP. All of the original projects are listed and supplemented to better reflect the evolving needs of the community. Some projects have been completed; others have been updated or superseded; some have been retired if no longer applicable to residents. And, approximately a dozen new projects are proposed to achieve the community's vision.

In support of this vision are five goals, which establish the framework for each of the subsequent recovery projects.

- Make Paradise Safer
- Rebuild Paradise's Range of Housing and Welcome Residents Home
- Rebuild Paradise's Economy
- Make Paradise Better
- Make Paradise Greener

This section also includes a description of what defines a recovery project: recovery priority, project description, lead, partners, action steps, etc.

Parallel Initiatives

There are many local organizations aligned with this planning effort that have worked tirelessly to return life to the Ridge. These remarkably robust efforts are recorded and celebrated in this document as proof of the immense scale of work done by the Paradise community.

*Extraordinary tenacity and
resourcefulness define the
Paradise community.*

Appendix

The appendix includes a summary of the entire community engagement process: strengths, weaknesses, and opportunities analysis; dot exercise; survey results; and recovery project preference feedback. Additionally, the Community Development Block Grant-Disaster Recovery (CDBG-DR) Priority Projects are listed for reference.

WILDFIRE ADAPTATION PRINCIPLES

Successful disaster relief efforts rely on organization and planning. Considering basic principles at each stage of the recovery process can help structure the complex, difficult task of adapting while rebuilding.

Communities that experience any type of disaster know the arduous and complex nature of recovery well. No matter the type and scale of disaster, the impact of the ensuing chaos and tragedy cannot be overstated. Additionally, all communities are entirely unique in layout, governance, demographics, and more. This means every recovery is unique.

There is no easy one-size-fits all methodology for wildfire resiliency.

This list of Wildfire Adaptation Principles is intended to work as a overarching priority list to help organize the massive task of recovery, focusing on a broad stroke of topics spanning from immediate post-disaster pressure relief to long-term resiliency projects. Considering these aspects of recovery have helped Paradise in its short- and long-term recovery and will continue to be applicable in the future for other communities that face similar wildfire threats.

Wildfire Adaptation Principles

Categorized by scale, each of the following principles should be considered to help mitigate wildfire risk.

Community Scale

1. Manage public lands

Reduce wildfire risk by actively managing the fuel load in the wildlands.

2. Create firebreaks

Interrupt the potential spread of wildfire by creating separations around urbanized areas.

3. Harden infrastructure (electrical, water, sewer, storm)

Strengthen critical infrastructure systems so that they can be quickly returned to service after a fire with only minimal repairs/cost.

4. Create redundant emergency notification systems

Implement both voluntary and audible notification systems to supplement first responders and neighbors going door to door.

5. Provide multiple ingress and egress routes and a regional emergency evacuation plan

Ensure the safety of residents by providing multiple ways to evacuate supported by cross jurisdiction coordination.



Neighborhood Scale

6. Minimize dead-end streets

Promote a connected street grid as two ways out increase public safety.

7. Foster places of refuge and neighborhood fuel reduction

Identify sites to shelter in place, such as local parks, and actively reduce the fuel load across neighborhoods.

Lot Scale

8. Require defensible space

Minimize combustible material within 100 feet of homes and other primary structures.

9. Codify fire resistant construction (thermal shell)

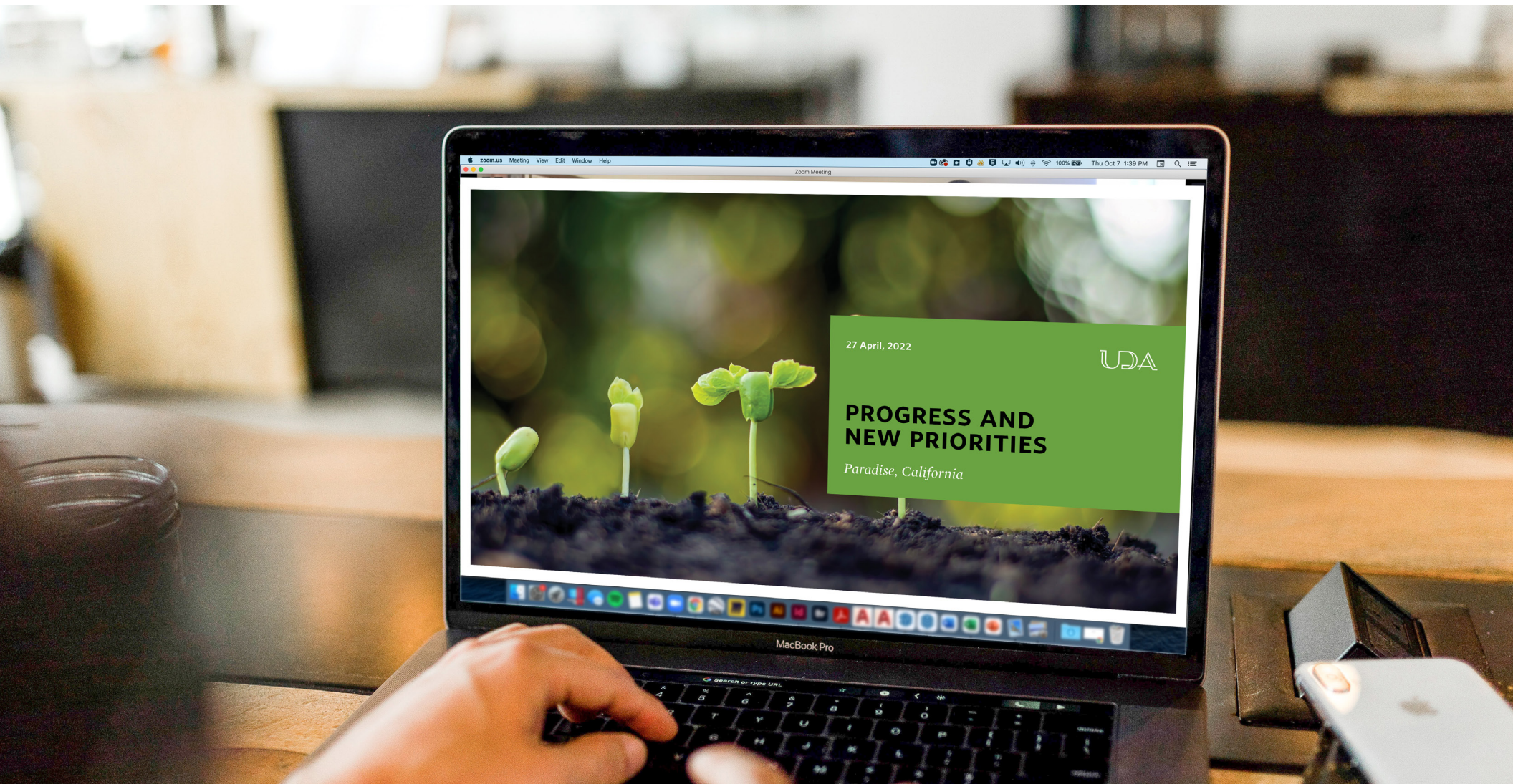
Mandate fire hardening for residences, businesses, and institutions.

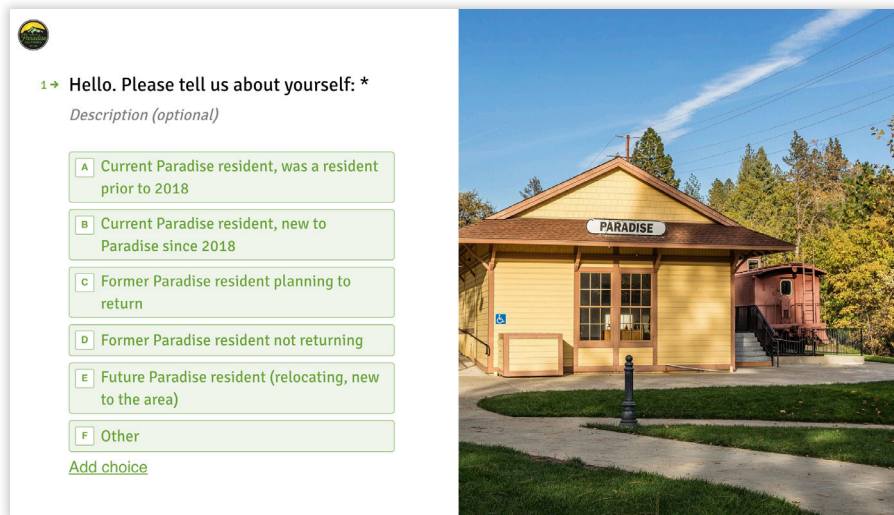
10. Encourage aggressive code enforcement

Support the detection of unnecessary wildfire risk (fuel buildup) and enforcement of violations per local codes.



Engagement Process





1 → Hello. Please tell us about yourself: *
Description (optional)

☐ A Current Paradise resident, was a resident prior to 2018

☐ B Current Paradise resident, new to Paradise since 2018

☐ C Former Paradise resident planning to return

☐ D Former Paradise resident not returning

☐ E Future Paradise resident (relocating, new to the area)

☐ F Other

[Add choice](#)

Screenshot from the
Online Survey

ENGAGEMENT RECAP

Community is at the heart of the recovery process with residents paving the way to rebuilding.

In the four years since the 2018 Camp Fire, residents, community leaders, and Town of Paradise staff have worked diligently to rebuild their beloved community with the Long-Term Recovery Plan (LTRP) as the guiding document. To honor the huge impacts of individual and community rebuilding work, this update to the LTRP is intended to parallel the original process with an extensive, resident-driven engagement and planning effort.

The plan updates and proposed new recovery projects included in this document are a product of community and stakeholder input received

during an extensive engagement process that included an online survey, stakeholder and town staff interviews, a virtual listening session, and a drop-in open house.

Documentation of this engagement process and the specific survey responses received from residents can be found in the appendix.



In-Person Open House
April 28, 2022



2 → What's your view on how rebuilding is going?

Description (optional)

0	1	2	3	4	5	6	7	8	9	10
---	---	---	---	---	---	---	---	---	---	----

Extremely unfavorable

Extremely favorable

Screenshot from the
Online Survey

I'M HERE
TO LISTEN

The Planning Process

The planning process utilized in developing the LTRPU included three steps:

1. Listening
2. Testing
3. Deciding

Step 1 – Listening utilized several strategies for reaching and engaging the public in a conversation regarding the recovery efforts of the last three years and any additional new priorities moving forward. The purpose of this step was to establish a robust repository of work completed to date, identify gaps still existing today, and pinpoint what must be done to continue the momentum in

the future. Community engagement during this step included several town staff, stakeholder interviews, and an online survey for residents.

Step 2 – Testing continued the engagement process by solidifying the resident, stakeholder, and local leadership vision into a series of proposed additional recovery projects that build on the work of the original LTRP. Each proposed new recovery project is related to one of the five categories from the 2019 vision – Safer, Welcoming, Stronger, Better, and Greener. During this step, the new projects were made public to residents and stakeholders through a virtual public meeting and an in-person open house to gather feedback and propose additional ideas.

Step 3 – Deciding is the final step, where proposed recovery projects were refined based on resident feedback and follow-up stakeholder interviews. As a result, this document captures residents' ideas, visions, and goals for the future of Paradise and is accompanied by a series of actionable recovery projects that will continue to push the Town of Paradise forward and build on the incredible work of the last three years.

The town would like to acknowledge and thank the many volunteers, residents, and local leaders that made the community engagement process a success and made it possible to continue growing and moving forward.

Approaches to Engagement

The planning process utilized several engagement methods to involve residents, stakeholders, and local leadership in the LTRP process in 2022.

Stakeholder Interviews

Stakeholder interviews were conducted with town staff, local leadership, and community stakeholders during the Listening and Deciding phases of the process. In the Listening Phase, stakeholders helped to provide insight on the work completed to date, offered updates to the original 39 recovery projects, and proposed new projects for the update. Over 25 stakeholder interviews were conducted with individuals identified as Leads or Supporting Partners for one or more of the initial 39 recovery projects. In the Deciding Phase, stakeholders reviewed the refined recovery projects, offered recommendations for intended partnerships and funding sources, and established timelines for projected completion.

Online Survey

While the last four years have brought many residents back to the Town of Paradise and a few new residents who did not live in town before the Camp Fire, many residents are still displaced as they work to rebuild their homes. Additionally, the COVID-19 Pandemic reshaped community engagement processes globally. Therefore, an online survey was distributed to connect with existing and potential future residents to maximize virtual engagement. This survey was distributed during the Listening Phase of the process. It included

over 30 questions on various topics, including status as a resident of Paradise, reflections on the rebuilding to date, top priorities for rebuilding into the future, and unmet needs. Just under 1,200 responses were received; 75% of those responses were from current Paradise residents or former residents planning on returning.

Virtual Listening Session and In-Person Drop-In Open House

During the Testing Phase of the engagement process, two public meeting options were offered — one as a virtual meeting via Zoom and the other as an in-person drop-in open house. Over 250 residents were engaged across both meetings, with the assistance of over a dozen facilitators. Conversations during the Virtual Public Meeting focused on presenting the survey results from the Listening Phase. In contrast, the In-Person Drop-In Open House focused on gathering input on the proposed new recovery projects. Feedback from both of these public meetings helped shape and refine the proposed recovery projects while adding to the list of necessary action items to see the town continue to recover and flourish.



PARADISE PROGRESS AND NEW PRIORITIES

We want to hear from you!
3 years into recovery, a lot has changed! The Town of Paradise is updating our Long-Term Community Recovery Plan, originally adopted in June 2019, to reflect all the changes and lessons learned in our community.

ZOOM COMMUNITY MEETING	IN-PERSON OPEN HOUSE
Wednesday, April 27	Thursday, April 28
6:00 - 7:30 PM (via zoom)	6:00 - 8:00 PM (in-person)

Questions about rebuilding progress and future priorities? The Town of Paradise will be hosting a Zoom Community Meeting to share survey results and discuss the recovery focus moving forward. Please participate — we need to hear from you!

Click the link below to join the zoom meeting.

bit.ly/ParadiseCommunityMeeting
*Please note this link is case sensitive

The Town of Paradise will be hosting an in-person open house meeting at the Paradise Alliance Church gymnasium. Come prepared to indicate your preference for new recovery projects (taken from survey results) and add your ideas to the mix!

We look forward to seeing you in person!

PARADISE ALLIANCE CHURCH
6491 Clark Road
Paradise, California 95969

www.MakeItParadise.org



Recovery Projects





MAKE IT PARADISE

OVERVIEW OF RECOVERY PROJECTS

The Long-Term Recovery Plan Update (LTRPU) is a guide for the Town of Paradise to use throughout the continuation of the recovery effort. The following pages contain the recovery projects, which make up the LTRPU. These projects have been identified by the town and its residents as vital and necessary for the rebuilding and recovery of the community.

Each of the projects has a project lead and additional project partners where applicable. The project lead acts as a champion for the initiative, charged with the task of seeing the project through implementation and coordinating the necessary partners, funding sources, and action steps required to reach completion. In this document, recovery projects are organized based on where the town will continue to focus their attention:

- **Town-led Recovery Projects** are those which town staff are responsible for taking action on. These projects are largely Tier 1 priority, meaning that they are most critical to the town's long-term recovery.
- **Partner-led Recovery Projects** are those which are being championed by various individuals, agencies, and organizations whose knowledge is directly applicable to each respective project. These projects range from Tier 1 to Tier 3 level of priority. Where the town is involved, these projects are a secondary focus.

In addition to being organized based on project leads, recovery projects are keyed to the five categories of the Community Vision. A colored circle in the upper right-hand corner of each recovery project page identifies which of the five categories the project falls under. Those categories are as follows:

- Welcoming (Red)
- Safer (Yellow)
- Stronger (Purple)
- Better (Blue)
- Greener (Green)

The LTRPU should be viewed as an overall conceptual community vision and blueprint for rebuilding the town. While the recovery projects have all been identified as potential avenues for recovery and rebuilding, the specifics and designs of each have and will evolve over time.



WELCOMING

After the Camp Fire, Paradise's residents faced tough decisions to return and rebuild their community or, in some cases, relocate elsewhere. Those that have returned have made enormous strides in rebuilding damaged and lost homes, advocating for affordability, and implementing better safety measures. As Paradise looks to the future and begins to grow with new residents, the types of support needed must evolve. Focusing on the future of homeownership, rentership, and housing affordability is paramount in creating a welcoming Paradise.

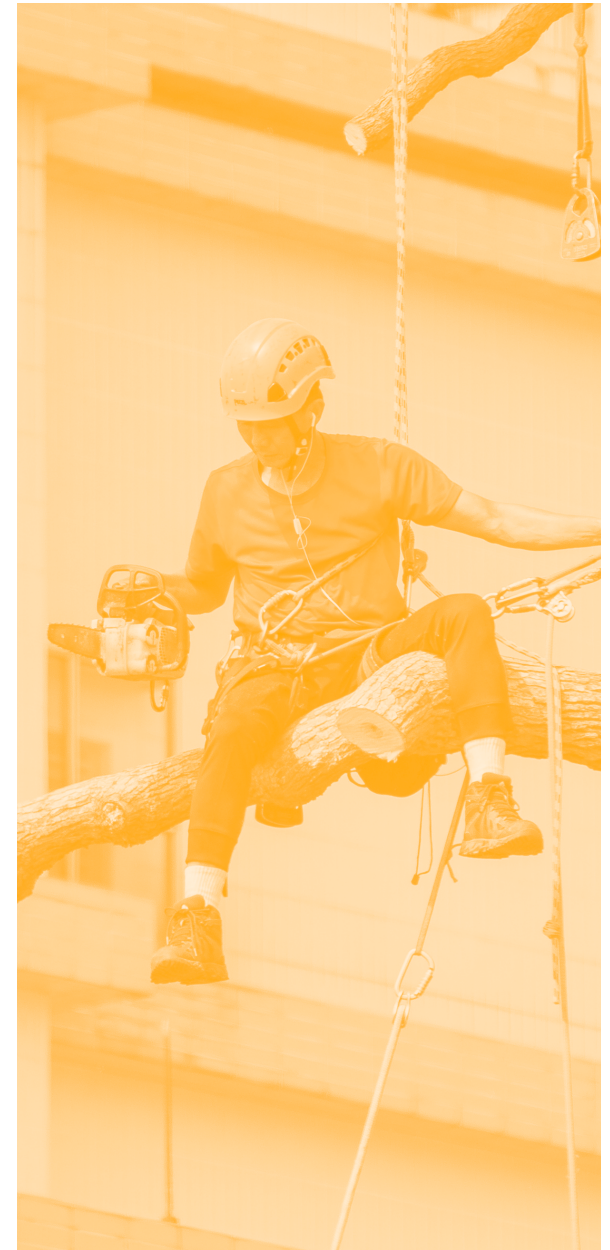




SAFER

Reducing Paradise's vulnerability by making the environment safer will always be a top priority following the Camp Fire. The original recovery plan focused primarily on the immediate safety needs of residents; today, many efforts to make Paradise safer continue or have evolved to meet residents' changing needs.

This category of Recovery Projects continues to prioritize the safety of Paradise residents and acts as a model of a progressive, resilient, fire safe California town.





STRONGER

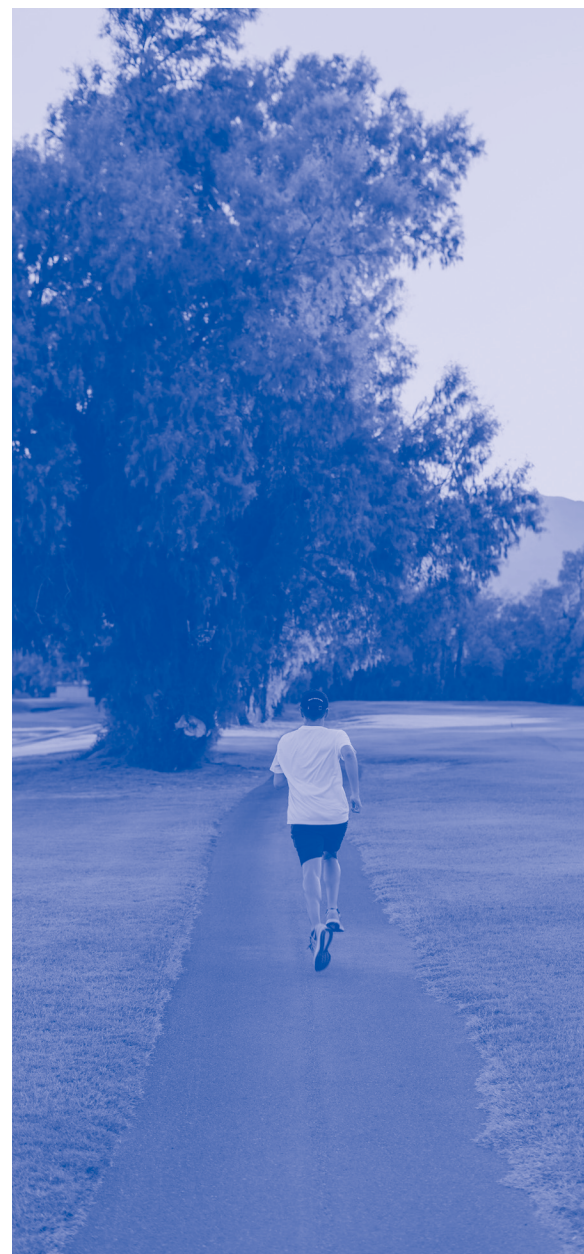
As residents return to Paradise, the need for a stronger business community has grown. Supporting local small businesses and providing job training are new priorities in addition to strengthening and diversifying the local economy.





BETTER

Many new opportunities to improve Paradise have emerged due to the rebuilding process that has been underway since the Camp Fire. Addressing old and new cultural and infrastructural challenges is a critical aspect in recovery, creating a healthier, more resilient Paradise for residents.





GREENER

The beauty, strength, and endurance of Paradise are unparalleled. As rebuilding efforts progress, sustainability has emerged as a top priority, with Paradise at the forefront of innovative resiliency projects nationwide. Small changes can have big impacts, so the focus of this section has evolved from more technological solutions to behavioral and beautification efforts.



TOWN-LED PROJECTS

Town-led projects are those which the town leadership has identified as a responsibility of the local government to champion and support through completion. The majority of these projects have a Tier 1 recovery priority.

Recommended Recovery Projects

- Building Resiliency Center (BRC)
- Supporting Homeowners
- Residential Codes and Standards
- **New Insurance Alternatives**
- **Support for First-Time Homebuyers**
- **Focus on Attainable Housing**
- Standing Burned Trees on Private Property
- Emergency Notification System
- Evacuation Routes
- Interconnected Path System
- Missing Road Segments
- Long Dead-End Streets
- Underground Utilities
- Fuels Management Plan
- Facilities Maintenance and Upgrades (New Fire Station 82)
- **Prioritizing Road Reconstruction**
- **Firesafe Building Standards**
- Sustainable Fiscal Model
- Sewer System
- Walkable Downtown
- Planning and Zoning
- **Walkability & Bikability**
- **Beautification And Ecology**
- **Contractor Accountability**
- Resident Fire Safe Education
- Economic Development Strategy
- High-Speed Data Network
- **Support for Mom-and-Pop Businesses**
- 2019 Building Energy Efficiency Standards
- Sustainable Stormwater and Drainage
- Sustainable Development
- Sustainable Building Programs
- New Civic Center
- Opportunity Zone

Bold indicates added recovery project

BUILDING RESILIENCY CENTER (BRC)

The building which houses the Building Resiliency Center (BRC), was donated to the town by Bank of America. The structure sustained only minor roof damage during the Camp Fire but has since been repaired and undergone modest improvements.

The BRC, or “Brick” as it’s been nicknamed, is a one-stop shop for all building resources. It allows residents and contractors to talk face-to-face with experts to get questions answered on the spot. Since opening, representatives from the Town of Paradise, Butte County, Cal OES, the State Licensing Board, PG&E, and several other agencies have been available on various days to answer questions and process permits and forms. In addition, resources are available to assist with financing and grant applications, as well as representatives of the Housing Advocacy Center. Rebuild Advocates have also offered free-of-charge services to assist with rebuilding, insurance, and finances.

Cost Estimate

▪ Butte Strong	\$346,953
▪ USDA Grant	\$148,300
▪ ATT	\$20,000
▪ Total	\$515,253

Resources

- USDA
- EDA
- North Valley Community Foundation

COMPLETED



RP 01

RESILIENCY PERMIT & HOUSING RESOURCE CENTER



RP 01

Recovery Priority



Tier 1

This project focuses on providing help to homeowners during the rebuilding process and has a Tier 1 recovery priority. Housing reconstruction can be optimized if residents have access to comprehensive housing services at a single location, including information on permitting, counseling, financing, inspection, and rebuilding options.

Project Description

Paradise should create a “one-stop shop” for permits and housing resources.

The town is increasing the capacity of the building permit department. Plans will be evaluated for ordinance, building code, and Wildland-Urban Interface compliance. The goal is to respond to building permits within an average of five days.

In support of the expanded permit counter, housing counseling and finance specialists, such as HUD and other funding/granting stakeholders, should be co-located.

Lead

- Town of Paradise

Action Steps

- Retrofit the former Bank of America building to accommodate the Resiliency Permit & Housing Resource Center
- Hire a coordinator to run the facility and help shepherd residents through the rebuilding process

- Relocate appropriate town and 4Leaf staff (initial 4Leaf contract term is for 3 years) from Town Hall to the new facility
- Invite the appropriate governmental agencies and private stakeholders to share the office space

Cost Estimate

Increased permit center capacity	To be determined
Coordinator position	To be determined
Retrofit former Bank of America building	To be determined
Furniture, fixtures, and equipment	To be determined

Potential Resources

- Banking Partners
- Butte Strong Fund
- California Governor’s Office of Emergency Services (Cal OES)
- CalHome Program
- Community Development Block Grants (CDBG) Home
- Federal Emergency Management Agency (FEMA)
- Small Business Administration (SBA)
- State Insurance Commissioner
- Town of Paradise
- U.S. Department of Agriculture (USDA)
- U.S. Department of Housing and Urban Development (HUD)

Return on Investment

Residents will benefit from the simplified access to resources, added transparency and improved convenience. Also, the town should see accelerated home starts and enhanced coordination among the housing partners.

Timeline

0 to 2 years



PARADISE, CALIFORNIA

Recovery Projects / Town-Led Projects 35

SUPPORTING HOMEOWNERS

Update

This recovery project has been superseded by Firesafe Building Standards.

SUPERSEDED



RP02

SUPPORTING HOMEOWNERS

Recovery Project Priority



Tier 1

This project focuses on aiding homeowners to make homes more ignition-resistant. The project has a Tier 1 recovery priority. Community-wide resilience can be increased if more buildings in Paradise exceed the fire regulations.

Project Description

The Town of Paradise should apply for funding to make grants available to homeowners and property owners to rebuild homes and buildings with ignition resistant building materials that exceed the minimum standards and requirements. Eligible projects (such as roofs, windows, siding, or foundations) would need to exceed current applicable federal, state, and local regulations. Funding would be dependent on the state (Cal OES) being awarded a federal FEMA Hazard Mitigation Grant. If successful, grants of up to \$25,000 per household could be available, depending on the federal and state award.

Lead

- Town of Paradise

Action Steps

- Submit a notice of interest to Cal OES (complete)
- Submit a sub-application to Cal OES, so that Cal OES can apply for the grant from FEMA (in process)
- If the grant is awarded:
 - Work with Cal OES and FEMA to determine what types of projects and improvements will be eligible for funding
 - Establish an intake, vetting, and approval process for applications
 - Advertise the available funding and application process to residents

Cost Estimate

Available grant funding (max)	\$25,000/homeowner
Cost of application	Minimal to the town

Return on Investment

Assists homeowners in exceeding the building standards, resulting in a stronger, more fire-resilient community.

Potential Resources

- Federal Emergency Management Agency (FEMA)
- Hazard Mitigation Grant Program (HMGP)

Timeline

1 year



RP 02



RESIDENTIAL CODES AND STANDARDS

Recovery Priority



Tier 1

The level of priority remains Tier 1. Hardening building envelopes combined with aggressive fuel reduction both increases safety and reduces insurance premiums.

Project Description

Residential codes and standards have been updated and additional measures are planned. This includes:

- Addition to the Paradise code of the Wildfire Prepared Home Standard
- Planned consideration for addition to the code of IBHS Wildfire Prepared Multifamily and Wildfire Prepared Community Standards when completed
- Pending completion of updated design standards for downtown and other commercially zoned properties

Funding for inspection and enforcement has been elusive. The town applied for a Hazard Mitigation Grant from FEMA but did not receive an award. Current funding to hire off-duty firefighters as inspectors is set to expire. However, a new opportunity is available through the USDA: the Community Wildfire Defense Grant is for inspection and enforcement of fuel reduction for residential and commercial defensible space. The Town of Paradise plans to apply.

Lead

Town of Paradise

Additional Action Steps

- Council to consider adoption of Wildfire Prepared Multifamily and Wildfire Prepared Community Standards
- Continue to seek long-term funding for increased code inspection and enforcement
- Use town staff or a grant to develop/update landscape design guidelines

Cost Estimate (Spent and Projected)

- Updated design guidelines \$150,000
- Inspection & enforcement \$10M

Potential Resources

- Transportation Master Plan Grant (design standards)
- USDA Community Wildfire Defense Grant

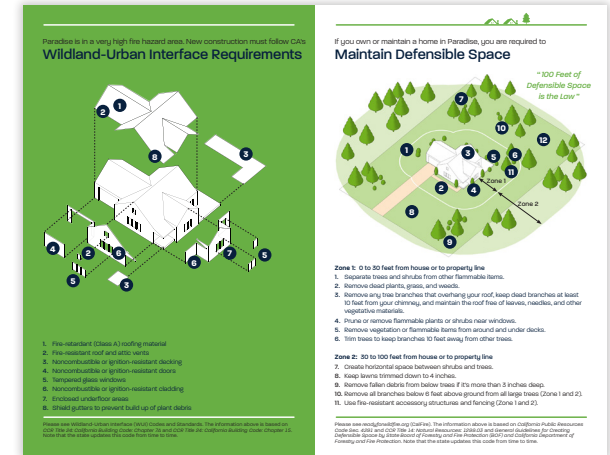
Return on Investment

Certainty about future standards, resiliency through maintenance, and increased safety through education.

Timeline (2022 and forward)

0 to 3 years

UPDATED



NEW INSURANCE ALTERNATIVES

Recovery Priority



Tier 1

The lack of insurance alternatives and rising insurance costs make New Insurance Alternatives a Tier 1 recovery priority.

Project Description

Identify new insurance alternatives beyond the California Fair Plan. The town was awarded a grant from the Bay Area Foundation's California Resiliency Challenge (CRC) program to do a Resiliency/Mitigation Plan for the town. Proceeds were used to procure RCAC and a supporting team of experts to work on this initiative. Goals include reduction of wildfire risk, developing insurance alternatives, and pushing for supporting legislation. Key components of this study include risk analysis and modeling to establish a direct correlation between Paradise's fire safe measures and reduced wildfire risk. Recommendations are due in February 2023. One new insurance option being considered is community-based insurance (self-insurance pool).

California's Insurance Commissioner is advancing legislation related to the IBHS Prepared Home Standards that would further broaden insurance choices for homeowners.

Long-term inspection and enforcement must also be addressed as fire risk can increase over time without proper maintenance.

Lead

Town of Paradise

Partner

RCAC

Action Steps

- Complete RCAC study
- Continue risk modeling to measure metrics that support reduced fire risk
- Implement risk reduction projects at the building and community scale
- Track and support state legislation related to expanding insurance options
- Identify sources of subsidy for long-term inspection and enforcement

Cost Estimate

Long-term inspection and enforcement

To be determined

Potential Resources

- California Resiliency Challenge Grant, managed by RCAC
- FEMA HMGP
- USDA Community Wildfire Defense Grants
- USDA AIM Grants
- CalFire Grants
- Fire Wise Grants
- Initiating a Special Fire Protection District

ADDED



RP04

Return on Investment

Removing a major hurdle to rebuilding.

Timeline

0 to 5 years



SUPPORT FOR FIRST-TIME HOMEBUYERS

ADDED



RP05

Recovery Priority



Tier 1

Restoring options for first time homebuyers is a Tier 1 recovery priority.

Project Description

Find new tools to allow first-time homebuyers to purchase a home. Traditional first-time homebuyer programs are limited to acquisition of an existing unit that meets health and safety code standards and to households earning 120% or less of local Area Median Income (AMI). Most available units in Paradise are newly built and priced above 120% of Butte County AMI. This mismatch is stifling aspiring first-time home buyers in Paradise.

The town oversees a variety of programs for first-time homebuyers, including down payment assistance. Additionally, HUD and the state provided the town with a down payment assistance waiver to increase assistance limits in recognition of higher post-fire home prices. CalHome disaster loan assistance is also available for qualifying fire affected renters and owners, with priority up to 120% AMI.

Under the DCTA HUD/LISC Grant (capacity building project), RCAC & LISC proposed a program to help first time home buyers, who may already own or have inherited property in the Town of Paradise, but were not in possession before the fire. It involves having a foundation (or an entity established for the purpose of land banking) act

as a holding entity for the property during construction, until the foundation is built. A philanthropic entity would have funds available at a nominal interest rate to reduce the risk for local mortgage lenders.

The tools exist to help would-be buyers if regulations and home inventory can be brought into aligned.

Note that the Community Housing Improvement Program (CHIP) and Habitat for Humanity both have programs for households earning less than 60% AMI.

Lead

Town of Paradise

Action Steps

- Town to continue working with HCD to find a solution to the acquisition of an existing home requirement
- Town to encourage contractors to offer smaller, more affordable homes that fall at or below 120% of AMI

Cost Estimate

Retrofits

To be determined

Potential Resources

- HUD
- CalHome
- Foundations

Return on Investment

Expanding housing opportunities and choices.

Timeline

0 to 3 years



FOCUS ON ATTAINABLE HOUSING

Recovery Priority



Tier 1

This is a Tier 1 recovery priority due to the lagging recovery of relatively affordable housing.

Project Description

Support the restoration of attainable housing. Before the fire, Paradise was filled with relatively affordable housing for working families and residents on fixed incomes. The re-creation of these options has been impeded by relatively high stick-built home prices, hurdles to redeveloping manufactured home parks, increased material/labor costs, skyrocketing insurance and mortgage rates, delayed PG&E settlements, the lack of a sewer system, as well as other factors.

Affordability in Paradise are generally falls into the following segments:

- Affordable Housing: up to 80% AMI
- Attainable Housing: 80% to 120% AMI
- Workforce Housing: 120% to 180% AMI

Per the online survey, Paradise residents identified the attainable housing segment as their top priority. There are both Owner Occupied Rehab/Reconstruction (OOR) and ReCoverCA funds to tackle this problem as well as other potential resources. The challenge is available home inventory in the \$250,000 to \$350,000 range. The town should work with housing developers on creative ways to bring the price point into this range. Reducing the square footage to approximately 1,000 square feet and splitting attached units, such as duplexes, into condominiums are two initial options.

There is also a CDBG-DR Small MF Projects Funding Program for up to seven units. These can be scattered site, individual units or duplexes, fourplexes, etc. and there are several applications being submitted.

It should be noted that existing newly built homes are being offered in the workforce housing segment and non-profit developers are using their tools to target the affordable housing up to 60% of AMI. The town has established a Housing Advisory Committee to work make recommendations to Town Council on all housing types, issues associated with each type, and potential locations.

Lead

Town of Paradise

Partners

- CHIP
- Mercy Housing
- Developers
- Contractors

Action Steps

Housing Advisory Committee to meet and make recommendations

Cost Estimate

To be determined

Potential Resources

- Owner Occupied Rehab/Reconstruction (OOR) loans
- ReCoverCA (CDBG DR grant funds)
- Septic Replacement Grant (Town of Paradise)
- Rebuild Paradise Foundation
 - Septic Grant (reimbursement)

ADDED



RP06

- Missing Middle (reimbursement)
- USDA
 - Direct 502 Loan Program (for lower income households)
 - Guaranteed Loan Program (for higher income households)
- Conventional financing

Return on Investment

Expanding housing opportunities and choices.

Timeline

0 to 5 years



20. Butte County Area Median Income (AMI) for a four-person household is approximately \$69,000/year. The associated monthly housing cost should be \$1,725 or less. What should the focus be in Paradise moving forward?



932 out of 1002 answered

Attainable housing (80-120% AMI)	734 resp.	78.8%
Workforce housing (120-180% AMI)	484 resp.	51.9%
Market rate housing	474 resp.	50.9%
Low income housing (50-80% AMI)	445 resp.	47.7%
Very low income housing (30-50% AMI)	165 resp.	17.7%
Extremely low income housing (below 30% AMI)	113 resp.	12.1%

LONG-TERM COMMUNITY RECOVERY PLAN UPDATE / PARADISE, CALIFORNIA / 27 APRIL 2022

URBAN DESIGN ASSOCIATES

HAZARD TREES

Recovery Priority



Tier 1

Hazard trees are still Tier 1 priority.

Project Description

Since the 2019 LTRP Report, the hazard tree and debris removal programs oversaw the removal of millions of tons of debris and thousands of hazardous trees that were a threat to fall into public and eligible private roads. Of the thousands of standing burned trees have been felled, some still await removal. Others remain standing, posing a threat to the safety of residents. It is imperative to the safety and beauty of Paradise that hazard trees be removed.

There are four categories of hazard trees that must be considered separately.

Category 1: Hazard trees on public property that are a threat to the public/public improved property. Category 1 trees were mostly removed in the immediate emergency response to the Camp Fire to allow safe repopulation.

Category 2: Hazard trees on private property that are a threat to the CalRecycle debris removal effort and/or the CalRecycle crews and the public right-of-way. Category 2 trees were mostly removed in the secondary response to the Camp Fire to allow for the safe removal of fire debris.

Category 3: Hazard trees on private property that are a threat to the public right-of-way/improved property and private roads that are served by Northern Recycling and Waste Services (NRWS). These trees were removed through the FEMA Public Assistance "Government

Hazard Tree Removal Program" or the Private Hazard Tree Removal Program.

Category 4: Hazard trees on private property that constitute a threat to abutting or private property. The Category 4 tree removal program phase 1 (assessment) was recently approved through FEMA/CalOES. Category 4 trees are a very broad range of trees. The category is defined as hazard trees on private property that constitute a fire hazard and includes trees that are a threat to rights-of-way on private roads not served by NRWS, trees that are a threat to living or work areas, and trees that are on the "back forty" of private property, which greatly increase the risk of fire in the community as well as the risk of bark beetle infestation.

Lead

Town of Paradise

Additional Action Steps

Continue efforts to remove standing burned trees with the Public Assistance Program, the Hazard Mitigation Grant Program, and the Right of Entry program



Cost Estimate (Spent and Projected)

- Category 1: \$509,932
- Category 2: \$17,573
- Category 3: \$1,200,655
(Town's cost, not overall program cost)
- Category 4: Total requested: \$11,747,128
 - Phase 1 (Assessment) approved \$801,082
 - Phase 2 (removal) pending approval

Potential Resources

- Public Assistance (PA): Categories 1-3
- Hazard Mitigation Grant Program (HMGP): Category 4

Return on Investment

- Removing an obstacle to reconstruction
- Reduction of an extreme fire hazard
- Health and safety of the region

Timeline

0 to 2 years



EMERGENCY NOTIFICATION SYSTEM

UPDATED



RP08

Recovery Priority



Tier 1

The Emergency Notification System recovery project remains a Tier 1 priority.

Project Description

Establish a multi-layered/redundant emergency notification system in addition to the existing voluntary Code Red notification system. The phase I feasibility study, environmental clearance, and CEQA are all completed. Also, the town has received federal approval from FEMA that has launched the project toward construction. 21 towers will be constructed across the town as the basis of an audible system. Residents will be able to hear it from anywhere in Paradise – could be a horn blast or an audible signal. The operational target date is summer 2023.

Lead

Town of Paradise

Additional Action Steps

Construction

Cost Estimate

- Not to exceed \$2.9 million

Potential Resources

- Federal Hazard Mitigation Grant Program (HMGP) administered in partnership with CalOES (75%)
- CDBG-DR Infrastructure funding 25% match

Return on Investment

Regaining public trust and the built-in safety that comes with a redundant system

Timeline (2022 and forward)

0 to 1 year



EVACUATION ROUTES

Recovery Priority

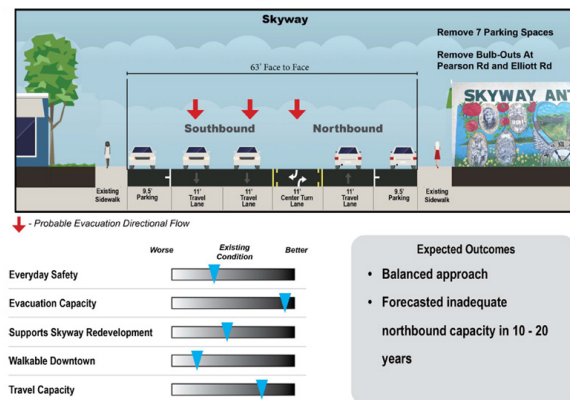


Tier 1

Evacuation routes in Paradise are the main roads into and out of town. They were tested in the Camp Fire. Residents ranked improvements as a Tier 1 priority.

Project Description

All roads in Paradise serve as either primary or secondary ingress/egress routes. The Town of Paradise, through a \$1.8M grant funded by the Economic Development Administration, commissioned a comprehensive Transportation Master Plan (TMP) between 2020 and 2022. The TMP combined community feedback, regional coordination and independent technical analysis to formulate appropriate recommendations which could benefit the town in future evacuation scenarios.



Specifically, the TMP recommended over 50 infrastructure projects which could benefit emergency evacuation in some manner. These projects are estimated to exceed \$600M in total cost. Further the TMP also identified crucial policies and programs the town could implement. Two such decisions include the removal of roadway medians/islands where appropriate and the reconfiguration of Skyway between Pearson Road and Elliott Road.

The Transportation Master Plan also positioned the Town of Paradise to submit projects for consideration in the 2018 CDBG-DR Infrastructure Program administered by California Housing & Community Development (HCD). This program made \$317M available to 2018 Wildfire affected communities for the purposes of supporting recovery through the implementation of critically needed projects. In late August 2022, the Town of Paradise was notified its allocation of these funds would be \$199M. In September, the Town Council approved a plan to fund the development of specific evacuation route projects, highlighted below:

- Pentz Road Widening, \$73M: Widens Pentz Road between Pearson Road and Skyway complete with center two-way left turn lane and Class I multi-use bike path, which can double as an evacuation asset.
- Skyway Widening, \$15M: Widens Skyway between Bille Road and Wagstaff Road to increase overall capacity of the critical arterial.

These projects each require extensive work to advance to construction, however, if maintained as a community priority could reach completion milestones between 2025-2028.

Lead

Town of Paradise

Action Steps

- Implement CDBG-DR Infrastructure projects
- Secure additional funding for future efforts

Cost Estimate

\$500M+ for remaining projects and recommendations

Potential Resources

- California Department of Transportation (Caltrans)
- Federal Highways Administration (FHWA)
- Economic Development Administration (EDA)

Return on Investment

Increased life safety and housing activity

Timeline

Approved projects	2022-2028
Future projects	2022-2052

INTERCONNECTED PATH SYSTEM

Recovery Priority



Tier 1

The proposed path system focuses on increasing capacity along main ingress and egress routes in the event of an emergency evacuation. The level of priority is Tier 1.

Project Description

Immediately following the 2018 Camp Fire, it was recognized that Class I multi-use bike paths should be incorporated into future infrastructure plans for the town. These paths support daily activities in community living for pedestrians and bicyclists alike while also serving as potential evacuation assets in future emergencies.

Through a \$1.8M grant funded by the Economic Development Administration, the Town of Paradise commissioned a comprehensive Transportation Master Plan (TMP) between 2020 and 2022. The TMP combined community feedback, regional coordination, and independent technical analysis to formulate appropriate recommendations which could benefit the town in future evacuation scenarios and create an interconnected path system. The TMP recommends Class I bike-ped pathways along the following critical corridors: Skyway, Clark, Sawmill Pentz, Wagstaff, Bille, Elliott, Valley View, Pearson, Roe, Oliver, and Neal.

The TMP's overall interconnected path recommendation map can be found to the right:

The Transportation Master Plan also positioned the Town of Paradise to submit projects for consideration in the 2018 CDBG-DR Infrastructure Program administered by California Housing & Community Development (HCD).

This program made \$317M available to 2018 Wildfire affected communities to support recovery by implementing critically needed projects. In late August 2022, the Town of Paradise was notified that its allocation of these funds would be \$199M. In September, the Town Council approved a plan to fund the development of specific evacuation route projects, highlighted below:

- Pentz Road Widening, \$73M: Widens Pentz Road between Pearson Road and Skyway, complete with center two-way left turn lane and Class I multi-use bike path.
- The Town of Paradise also has four pending applications through the Active Transportation Program administered by Caltrans — proposing Class I Bike Paths along Oliver, Neal, Pentz, and Skyway.

Lead

Town of Paradise

Action Steps

- Implement CDBG-DR Infrastructure projects
- Secure additional funding for future efforts

Cost Estimate

\$200M+ for remaining projects and recommendations

Potential Resources

- California Department of Transportation (Caltrans)
- Federal Highways Administration (FHWA)
- Economic Development Administration (EDA)

Return on Investment

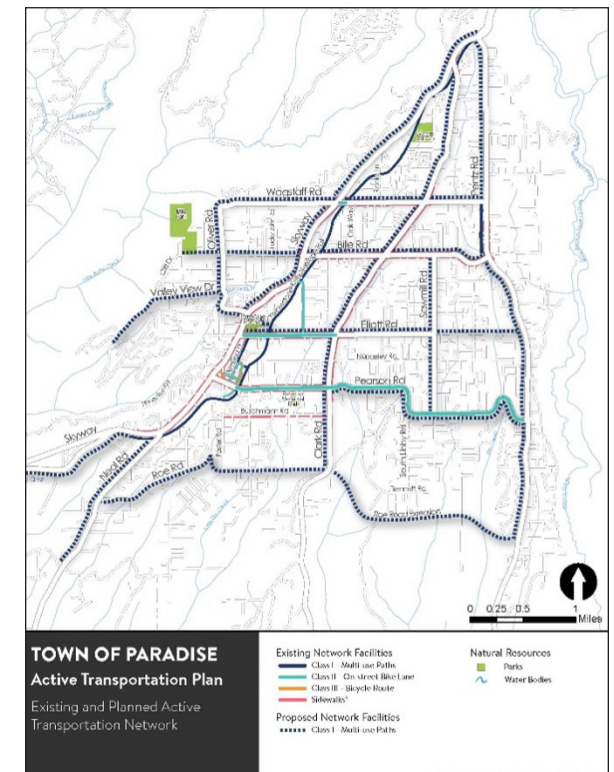
Increased life safety and housing activity

UPDATED



Timeline

Approved projects	2022-2028
Future projects	2022-2052



MISSING ROAD SEGMENTS

Recovery Priority



Tier 1

Completing the primary road network is a Tier 1 priority as it is central to improving evacuation alternatives.

Project Description

All roads in Paradise serve as either primary or secondary ingress/egress routes. The Town of Paradise, through a \$1.8M grant funded by the Economic Development Administration, commissioned a comprehensive Transportation Master Plan (TMP) between 2020 and 2022. The TMP combined community feedback, regional coordination and independent technical analysis to formulate appropriate recommendations which could benefit the town in future evacuation scenarios.

Specifically, the TMP recommended over 50 infrastructure projects which could benefit emergency evacuation in some manner. These projects are estimated to exceed \$600M in total cost.

The Transportation Master Plan also positioned the Town of Paradise to submit projects for consideration in the 2018 CDBG-DR Infrastructure Program administered by California Housing & Community Development (HCD). This program made \$317M available to 2018 Wildfire affected communities for the purposes of supporting recovery through the implementation of critically needed projects. In late August 2022, the Town of Paradise was notified its allocation of these funds would be \$199M. In September, the Town Council approved a plan to fund the development of specific missing road segment projects, highlighted below:

- Roe Road Phase 1, \$60.4M: Connects Pentz Road to Edgewood Lane, Sawmill Road and South Libby Road.
- Elliott/Nunneley Road Extension, \$7M: Extends one of the two roadways from easterly terminus to Pentz Road, providing critical circulation benefits in future emergencies from or to the Pentz Road corridor.
- Forest Service Lane Extension, \$1.7M: Converts an existing private road to public road standards and extension to Skyway benefiting daily emergency response from CalFire as well as improved circulation during emergencies.

These projects each require extensive work to advance to construction, however, if maintained as a community priority could reach completion milestones between 2025-2028.

Lead

Town of Paradise

Action Steps

- Implement CDBG-DR Infrastructure projects
- Secure additional funding for future efforts

Cost Estimate

\$500M+ for remaining projects and recommendations

Potential Resources

- California Department of Transportation (Caltrans)
- Federal Highways Administration (FHWA)
- Economic Development Administration (EDA)

Return on Investment

Increased life safety and housing activity

UPDATED



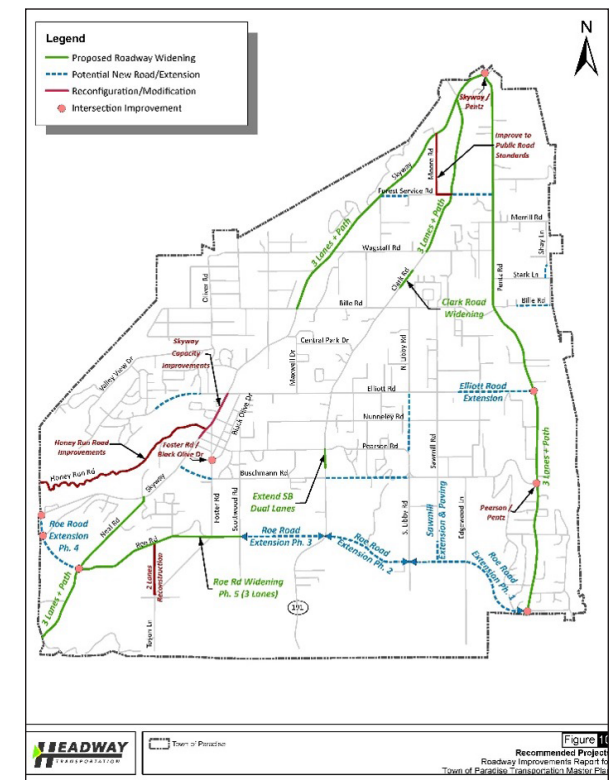
Timeline

Approved projects

2022-2028

Future projects

2022-2052





LONG DEAD-END STREETS

Recovery Priority



Tier 1

Establishing projects addressing long, dead end roads are crucial to the town's recovery. In addition, a policy related to long dead-end streets goes hand in hand with fire and life safety. This is a Tier 1 priority.

Project Description

All roads in Paradise serve as either primary or secondary ingress/egress routes. The Town of Paradise, through a \$1.8M grant funded by the Economic Development Administration, commissioned a comprehensive Transportation Master Plan (TMP) between 2020 and 2022. The TMP combined community feedback, regional coordination and independent technical analysis to formulate appropriate recommendations which could benefit the town in future evacuation scenarios.

Specifically, the TMP recommended over 50 infrastructure projects which could benefit emergency evacuation in some manner. These projects are estimated to exceed \$600M in total cost. Further the TMP also identified crucial policies and programs the town could implement.

The Transportation Master Plan also positioned the Town of Paradise to submit projects for consideration in the 2018 CDBG-DR Infrastructure Program administered by California Housing & Community Development (HCD). This program made \$317M available to 2018 Wildfire affected communities for the purposes of supporting recovery through the implementation of critically needed projects. In late August 2022, the Town of Paradise was notified its allocation of these funds would be \$199M. In

September, the Town Council approved a plan to fund the Roe Road Phase 1 Project at \$60.4M. This project connects Pentz Road to Edgewood Lane, Sawmill Road and South Libby Road, three of the town's longest dead-end roads in Paradise. This project requires extensive work to advance to construction, however, if maintained as a community priority could reach completion milestones in 2028.

From a policy perspective staff will continue to review and advocate for incoming development projects to provide maximum ingress and egress.

Lead

Town of Paradise

Action Steps

- Implement CDBG-DR Infrastructure projects
- Secure additional funding for future efforts

Cost Estimate

\$200M+ for remaining projects and recommendations

Potential Resources

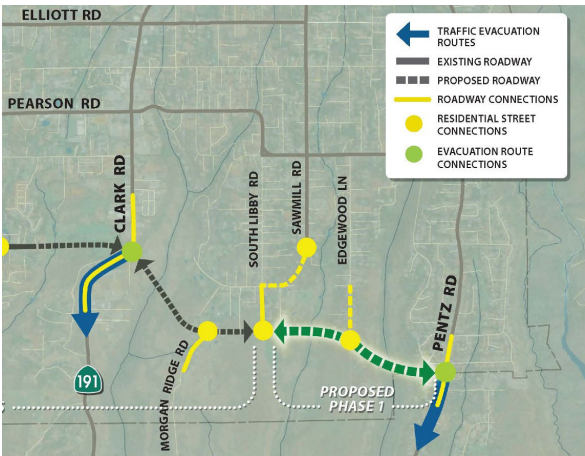
- California Department of Transportation (Caltrans)
- Federal Highways Administration (FHWA)
- Economic Development Administration (EDA)

Return on Investment

Increased life safety and housing activity

Timeline

Approved projects	2022-2028
Future projects	2022-2052





UNDERGROUND UTILITIES

Recovery Priority



Tier 1

Overhead electric and communication lines were severely damaged in the fire. Undergrounding utilities to harden against future disasters is a Tier 1 community priority.

Project Description

In May 2019, Pacific Gas & Electric (PG&E) announced their intention to underground all distribution facilities in Paradise. In 2021, telecommunications companies further agreed to jointly trench with PG&E. This activity has a three-fold benefit to Paradise:

- Overall risk reduction of wildfire ignition as a result of wind, vehicle collisions or other events, and
- Improved evacuation certainty with no combustible poles near road edges in the event of a wildfire
- Reduces the likelihood and/or impact of future Public Safety Power Shutoff events

Undergrounding of utilities in Paradise has made significant progress in the last two years. Over 80 miles of work in Paradise has been complete and is nearing 50% completion overall. 2025 remains the overall completion objective for the program.

The Town of Paradise remains in constant communication for the organization and sequencing of undergrounding efforts while working to ensure future road projects are not adversely affected.

Lead

Town of Paradise

Partners

PG&E, Comcast, AT&T

Action Steps

Facilitate completion of the overall program while ensuring temporary construction impacts are minimized

Cost Estimate

\$200M+

Return on Investment

Increased life safety and utility resiliency

Timeline

Completion in 2025





FUELS MANAGEMENT PLAN

Recovery Priority



Tier 1

Fuels management is a primary tool in reducing fire risk. The direct link to fire safety means that this will always be a Tier 1 priority.

Project Description

This project called for updating the forest management plan and implementing a town-wide fuels management plan to lower the fire risk by reducing the fuel load. It also highlighted the need for sustainable ongoing funding.

The Paradise Ridge and Butte County Fire Safe Council, along with the Paradise Fire Department, have taken the local lead in aggressively tackling fuels management. One example is the Paradise Grazing Management Plan. The primary goal of this plan is to establish a sustainable, fire safe landscape that balances vegetation growth and removal to manage undesirable, invasive, flammable plant species. Historically, this was done with grazing or frequent, low-intensity fires. It notes that managing vegetation with grazing is a lower risk practice for wildland urban interface areas that prescribed fire.

The balance of this recovery project remains as originally written.

Lead

- Cal FIRE
- Paradise Fire Department
- Town of Paradise
- ISO (Insurance Service Office)
- Paradise Ridge Fire Safe Council

- Butte County Fire Safe Council
- Paradise Zone Captains
- Civic Groups
- Butte County Office of Emergency Management

Action Steps

- Establish program parameters
 - goals of the program
 - structure of the program
 - organizational responsibilities
- Establish funding source or incentive programs to offset costs to property owners
- Increase staffing in code enforcement
- Create a GIS database of active, in progress fuels reduction projects
- Partnership/contract with private vegetation management business
- Collaborate with Fire Safe Councils, USFS, Cal FIRE and other governmental agencies
- Education program reinforcing community involvement and responsibility
- Review current abatement process for efficiency and effectiveness

Cost Estimate

Code enforcement positions	
2 or 3 x \$50,000/each	\$100,000-\$150,000
Staff support cost	\$30,000
Fuels reduction implementation costs	TBD
Voucher program for free green waste drop-off days once a week when facility is working again	
40 people x 2/mo x \$10 average x 12 mo	\$9,600
Elderly low income and disabled defense space	

assistance program
(can be volunteer driven or paid contractor)
200 homes/year x 5 hrs/home x \$150/hr
\$150,000

Fuels reduction and forest thinning program
200 acres x \$1,400/acre
\$280,000

Grazing
300 acres x \$800/acre
\$240,000

Potential Resources

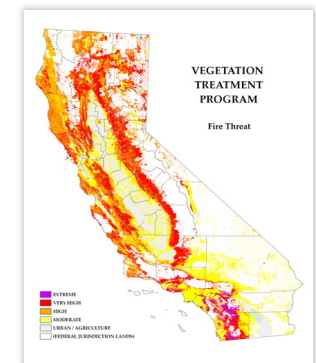
- Town of Paradise
- Fire Safe Council
- Vegetation Management Industry Professional
- USDA
- Cal FIRE
- Butte County Community Wildfire Protection Plan
- Butte County Hazard Mitigation Plan
- Hazard Mitigation Grant Program (HMGP)

Return on Investment

Reduction in fire risk through the management and lessening of combustible materials (fuel).

Timeline

0 to 3 years





FACILITIES MAINTENANCE AND UPGRADES (New Fire Station 82)

Recovery Priority



Tier 1

This project remains a Tier 1 priority project as the need is the same.

Project Description

The town has purchased a property at the corner of Pearson and Sawmill Roads. The goal is to locate New Station 82 on this site and potentially co-locate the public works corp yard. The town needs to first go through a process to strategically spend insurance proceeds before committing to a plan as funds are limited.

It should be noted that Town Hall, the Police Department, and Fire Station No. 1, all of which survived the Camp Fire, will require maintenance and upgrades over time. Fire hardening is a primary concern as all three buildings predate current firesafe best practices/codes. Ideally, at some point in the future, these facilities could be collocated for operational and emergency management efficiencies if/when they become obsolete.

Lead

Town of Paradise

Additional Action Steps

- Town process to confirm allocation of insurance proceeds
- Design and construction

Cost Estimate (Spent and Projected)

Fire Station 82 design and construction	\$4,000,000
Other projects	T.B.D.

Potential Resources

- Insurance
- Hazard Mitigation Grant Program (HMPG)
- Public Assistance (PA)
- U.S. Department of Agriculture (USDA)

Return on Investment

Operational efficiencies, reduced response time, and overall fire protection.

Timeline (2022 and forward)

Fire Station 82	0-2 years
Other projects	Ongoing



PRIORITIZING ROAD RECONSTRUCTION

Recovery Priority



Tier 1

The Town of Paradise has secured funding to rehabilitate all publicly owned roadways damaged by the Camp Fire. Sequencing the road projects properly is a Tier 1 community priority.

Project Description

As Paradise rebuilds, the necessary reconstruction of damaged roads has been a top priority. While the repairs have vastly improved quality of life, the phasing schedule of construction can be disruptive and has not been made available to the public.

This project acknowledges residents' frustration with lack of communication by improving community awareness on the reconstruction schedule. In response, the town has made a Paving Map available on their website and coordinate with PG&E, Comcast, AT&T, and PID to create an online interactive tool for residents to see the schedule for undergrounding on a street-by-street basis.

Lead

Town of Paradise

Partners

PG&E, Comcast, AT&T, PID

Action Steps

- Coordinate with PG&E, Comcast, AT&T, and PID to determine an accurate schedule
- Build a website and/or online interactive mapping tool to publicize the road reconstruction schedule

Cost Estimate

Minor

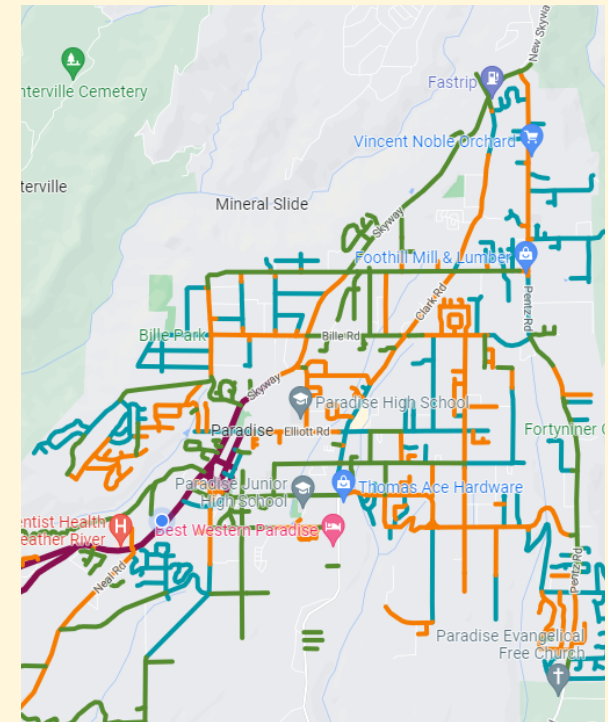
Timeline

Completion in 2022

ADDED



RP16



FIRESAFE BUILDING STANDARDS

Recovery Priority



Tier 1

Rising insurance premiums are an existential threat to recovery. The relationship of this project to insurance costs makes it a Tier 1 recovery priority.

Project Description

Implement firesafe building standards beyond the Wildland Urban Interface (WUI) Code to reduce fire risk and insurance rates. The Insurance Institute for Business and Home Safety (IBHS) has developed a new set of guidelines called the Wildfire Prepared Home Standard and are creating similar standards for multifamily buildings and communities. These standards are targeted at lowering insurance premiums and increasing the pool of companies offering insurance in areas affected by wildfire. The IBHS Home Standards were adopted by the town in 2022. They require measures such as a 5-foot non-combustible perimeter around the home and no combustible fences within 5 feet of the home.

Owners of existing non-conforming homes and businesses will need financial assistance to meet the new standards and take advantage of long-term premium reductions.

Lead

Town of Paradise

Partner

IBHS

Action Steps

- Town to publisize adoption of IBHS Wildfire Prepared Home Standards
- Town to consider adoption of Multi-family and Community Standards once completed by IBHS

Cost Estimate

- | | |
|--|------------------|
| ▪ Retrofit | To be determined |
| ▪ Long-term inspection and enforcement | To be determined |

Potential Resources

- FEMA Mitigation Grant
- Owner Occupied Rehab/Reconstruction (OOR) Loan
- Infrastructure Investment and Jobs Act (IIJA)

Return on Investment

Retrofitting existing buildings to adopted standards will make them more firesafe and could help reduce insurance premiums.

Timeline

0 to 3 years

ADDED



RP17



SUSTAINABLE FISCAL MODEL

Update

Securing gap funding and financing sources needed to support the municipality's operations until the tax base is restored has been completed. Revenue was back-filled from the State of California for the first two years (\$10,000,000 total) along with insurance proceeds (\$5,000,000). About 80% or \$180,000,000 of the town's \$270,000,000 settlement with PG&E will fund the balance. MGT Partners did a long-term (25-year) fiscal sustainable model that included projected revenues and expenditures. The projections assumed a modest rebuild rate. Part of the remaining 20% of the PG&E settlement is a safety net if revenue recovery doesn't meet projections.

COMPLETED



RP18

SUSTAINABLE FISCAL MODEL

Recovery Project Priority



Tier 1

It is essential that the town continue to be a viable and strong local jurisdiction in the years following the disaster and into the future. Therefore, this project has a Tier 1 recovery priority.

Project Description

The Town of Paradise will experience an estimated loss of tax revenue of \$155 million over the next 20 years due to loss of tax base. At the same time, the necessary response to the disaster has increased the required resources and staff for the town to provide essential government services to facilitate recovery. Gap funding and financing sources will be needed to support the operations of the municipality, until the tax base is restored.

The town is continuing to evaluate the lost revenue and seeking support for gap funding.

Lead

- Town of Paradise

Action Steps

- Continue to analyze and collect data on estimated lost revenue to support funding requirements and determine what investments in town infrastructure can accelerate recovery
- Seek legislative support for gap funding (ongoing)
- Seek appropriate grant funding through public and private entities to facilitate and accelerate recovery.

Cost Estimate

Loss of tax revenue to be replaced	\$155 million
Cost to create plan	\$0

Potential Resources

- Town of Paradise

Return on Investment

Ensures the continuity of government for the town as a viable and strong local jurisdiction.

Timeline

0 to 15 years



RP13



PARADISE, CALIFORNIA

Recovery Projects / Town-Led Projects

47

SEWER SYSTEM

Recovery Priority



Tier 1

The sewer system is a primary community priority and is therefore classified as a Tier 1 project.

Project Description

For a number of years, the town has pursued a municipal solution for wastewater treatment to address failed septic systems that have degraded local groundwater quality and constrained affordable housing, essential community services, and related economic growth. Reliance on septic systems has resulted in two areas of concern: environmental impacts and economic impediments. Failed septic systems release untreated wastewater into groundwater or ground surface, resulting in environmental degradation and public health risk due to water contamination or exposure to untreated wastewater. Economically, the lack of a sewer system has suppressed the development of a sustainable business community by limiting the size and types of businesses that can affordably operate in the community. Development of affordable and workforce housing has also been hindered as larger housing facilities require more sewer treatment capacity than a traditional septic system can provide within the available parcel sizes. As a result of these concerns, the town worked diligently for more than 50 years, even prior to its incorporation in 1979, to identify a feasible wastewater treatment solution for the community, with a priority to provide service to those commercial and densely populated residential areas with failed and failing septic systems.

Three primary objectives and associated goals drove the development of the Paradise Sewer Project as it exists in 2022:

- Provide long-term, efficient, reliable treatment of wastewater in a cost-effective, environmentally beneficial manner to current and returning town residents, in a manner acceptable to the RWQCB and other permitting agencies:
 - Accommodate regrowth while reducing further environmental degradation of groundwater and surface water from failing septic systems
 - Reduce the public health risk associated with failing septic systems
- Generate economic recovery by eliminating septic-related capacity limitations, as well as the general burden of on-site wastewater management for businesses:
 - Promote the return or arrival of essential community services and businesses by removing restrictions caused by on-site septic systems
- Provide for the ability to construct and maintain affordable housing, specifically multi-family housing:
 - Support centralizing affordable housing to Paradise's urban core, along major evacuation routes

The Town of Paradise released its Program Environmental Impact Report in July 2022 and anticipates a Final version being considered in late 2022. The project aims to contract with the City of Chico for overall wastewater treatment services at their existing Water Pollution Control Plant. If approved, the town's Sewer Service Area could generate 0.464 million gallons per day and be exported to the City's plant for treatment and disposal.



SEWER SYSTEM, CONT.

The Town of Paradise has secured \$30M for the design phase through California Housing & Community Development using CDBG-DR funds.

Lead

Town of Paradise

Partners

City of Chico

Potential Resources

- Community Development Block Grant Disaster Recovery Infrastructure
- State Water Board
- US Department of Agriculture
- California Environmental Protection Agency
- US Environmental Protection Agency

Action Steps

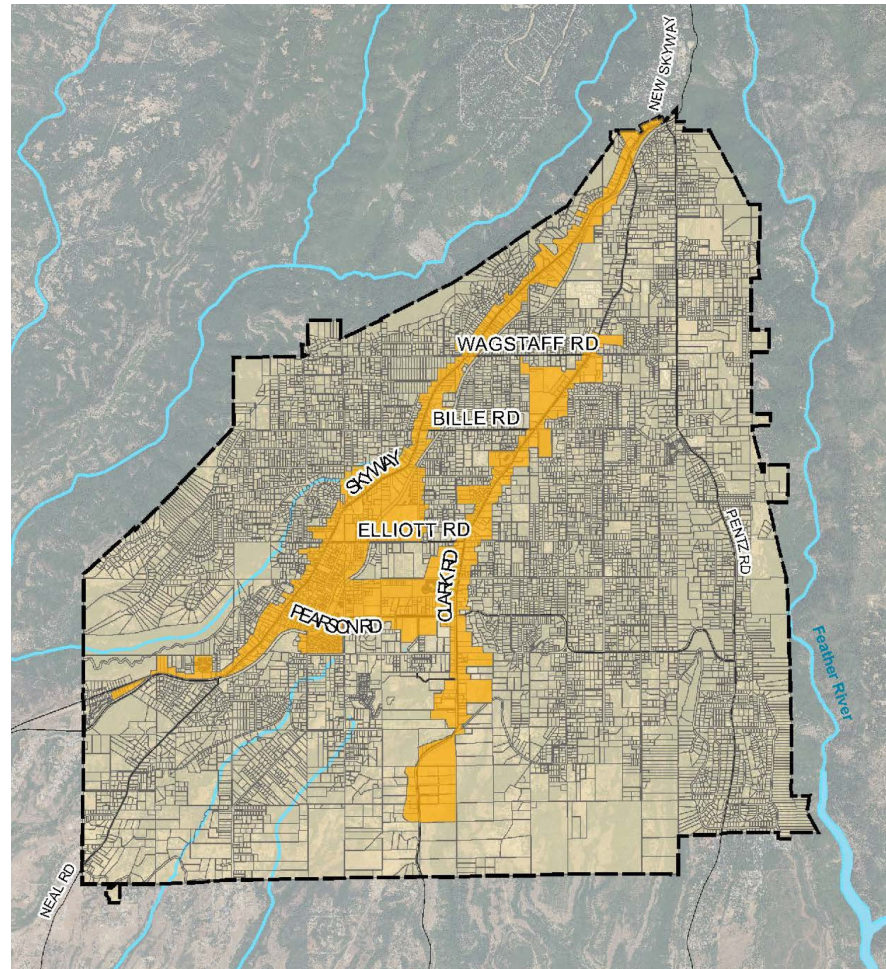
- Finalize environmental review
- Commence design
- Secure construction funding
- Construction

Cost Estimate

- \$30M Design (secured)
- \$182M Construction

Timeline

Completion in 2027



WALKABLE DOWNTOWN

Recovery Priority



Tier 1

Given that this project is a primary community priority and is currently being implemented, it is classified as a Tier 1 priority project.

Project Description

Design a walkable central business district (Skyway to the Community Park and Pearson to Elliot Road). The town was awarded a grant before the fire to add sidewalks, lighting, landscaping, and drainage facilities in this area.

Construction of the revitalized downtown is currently underway, with completion expected by the end of 2023. The project benefits will be many, including a new enticing environment for land and business owners alike — especially with the prospects of a future sewer system in 2027.

Lead

Town of Paradise

Action Steps

- Implement CDBG-DR Infrastructure projects
- Secure additional funding for future efforts

Cost Estimate

\$7M

Potential Resources

California Department of Transportation (Caltrans)

Return on Investment

A safer and more convenient downtown for pedestrians. Plus, expenditure of grant dollars that have already been secured.

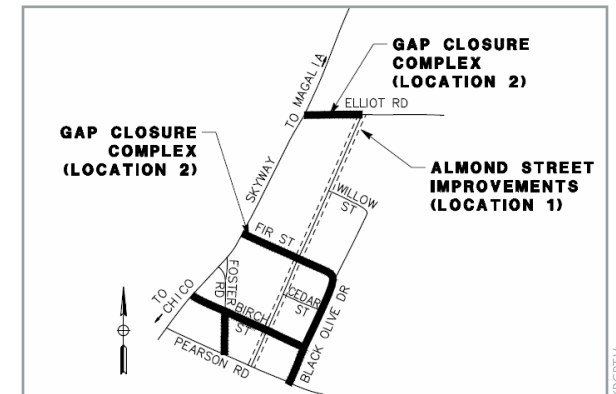
Timeline

2022

UPDATED



RP21





PLANNING AND ZONING

There are seven mandated General Plan elements: Land Use, Open Space, Conservation, Housing, Circulation, Noise, and Safety. The Paradise General Plan Update is proceeding on schedule. This includes the Housing Element, which was sent to the state in June for certification. A portion of the housing Element was paid for by Prop 84 funds, as it lays out policies for fire resiliency.

The Safety Element is waiting for comments from CalFire and then certification from the Board of Forestry. The Health and Safety Code now incorporates the requirements of the Wildfire Prepared Home Standard, discussed in detail under the Firesafe Building Standards recovery project.

Work on the Land Use, Open Space, Conservation, Circulation, and Noise Elements will start in 2023 and take approximately two years. Robust public outreach and a technical advisory committee are planned as part of this process. Also, a zoning overlay is being drafted to allow for increased density along the planned sewer line. It will be processed with the General Plan Update and other zoning amendments. Funding will be provided by a General Plan Update surcharge on permits that has been in place since the 1990s.

This recovery projects is considered complete as the intent has been met.

PLANNING AND ZONING

Recovery Priority



Tier 1
Updating development goals and reaffirming land use patterns is central to the recovery. This relates to promoting long-term health, safety, and welfare for the entire community. It needs to be done early in the recovery process to maximize value, making it a Tier 1 priority.

Project Description

Planning
Every local planning agency must adopt a comprehensive, long-term general plan for the physical development of the area within that agency's jurisdiction. (Gov. Code, § 65300) The general plan can be updated all at once or element-by-element. However, if the latter approach is taken, it is important to pay attention to any update that might trigger a requirement to update a separate element.

For example, updating two or more elements simultaneously may trigger development of an Environmental Justice element, or related goals, policies, and objectives (Gov. Code, § 65302). In another example: by 2022 (Gov. Code, § 65302) climate considerations are required in the Safety Element, or by reference through other planning documents. Before 2022, this provision is triggered by an update to a Local Hazard Mitigation Plan, and after 2022, by an update to the Housing Element — in either case, it is also triggered by an update to the Safety Element itself. Given the complexity of planning requirements, it is recommended to approach the general plan update comprehensively, especially in a recovery context. While not statutorily required beyond the Safety Element, it is also

recommended that a climate risk assessment and feasible adaptation implementation measurements be integrated throughout the general plan, providing a comprehensive approach to building long-term community resilience. In addition, the general plan update should be a community-driven process that allows for meaningful community engagement and aligns local priorities and needs for post-fire reconstruction.

Zoning

There must be consistency between the general plan and zoning ordinances. Once a local agency has officially adopted a general plan, the various land uses authorized by the zoning ordinance must be compatible with the objectives, policies, general land uses, and programs specified in that general plan. (Gov. Code, § 65860) When a zoning ordinance becomes inconsistent with a general plan because of plan amendments, the ordinance must be amended to be consistent with the general plan. For those reasons, planning and zoning are best addressed in a coordinated manner to ensure legal consistency. It is also good practice to update the general plan and any land use map revisions ahead of any permanent zoning ordinance to avoid spot-zoning. Temporary zoning provisions can allow for flexibility in order to facilitate recovery, clean-up, and rebuilding, but these time-limited provisions should not be considered permanent amendments to the zoning ordinance.

As to planning and zoning activities in general, the local lead agency must also consider whether the California Environmental Quality Act (CEQA) applies to the proposed activity.

Lead

• Town of Paradise

Partners

- Butte County Planning
- Governor's Office of Planning and Research
- California Department of Housing and Community Development (HCD)
- Department of Forestry and Fire Protection (Cal FIRE)
- Office of Emergency Services (OES)
- California Department of Conservation (DOC)

Action Steps

- Work with the Governor's Office of Planning and Research, and any other relevant state agencies, to develop a general plan, zoning code, and environmental compliance roadmap, including the appropriate scope and timing for preparation of these documents. This should include:
 - Identifying technical assistance and capacity building resources for Town of Paradise planning staff
 - Identify technical resources and data to support a comprehensive climate vulnerability assessment, including fire risk projections, and the development of feasible adaptation implementation measurements
 - Coordination with Butte County, the Butte County Associate of Governments, and the regional hazard mitigation task force to receive updated population study and hazard mitigation strategies
- Issue one or more RFPs for technical and community engagement contracts to execute general plan and zoning updates.

Continued on next page

PLANNING AND ZONING CONTINUED

- Update General Plan: to ensure vertical consistency between the general plan and zoning, begin with preparing the general plan.
- Update Zoning Code: Because zoning codes direct the more fine-grained details about a local agency's framework for development, the zoning code should also be drafted closely in tandem with the general plan.

Cost Estimate

\$2-\$3 million
(This may vary depending on the scope and potential phasing, but it is anticipated that many special studies will be needed. It is also likely that a phased approach for a general plan update may be more costly than a comprehensive update.)

Potential Resources

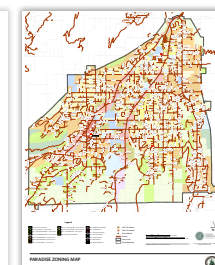
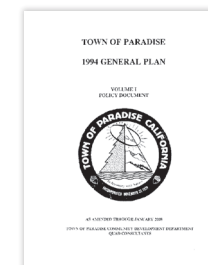
- SB 2 Planning Grants (housing) — this can include updates to the Housing Element but you have to already have a compliant Housing Element to receive funds.
- Prop 68 grants for parks
- Caltrans Transportation Planning Grants
- Community Development Block Grant — Disaster Recovery (can be used for planning)
- Hazard Mitigation Grant Program (Safety Element)
- USDA — Rural Development
- Economic Development Administration
- Environmental Protection Agency, Smart Growth

- Various other federal funds (DOT, EPA, USDA)
- Philanthropic funds
- CEQA guidance
 - OPR website
 - CNRA website

Return on Investment

Updating the future development goals to align with the current context and envisioned future land use patterns.

Timeline
3 to 5 years





WALKABILITY & BIKABILITY

Recovery Priority



Tier 1

This is a Tier 1 priority as it should parallel ongoing road reconstruction.

Project Description

The community survey revealed that many residents would like to see the pedestrian and bike network expanded beyond the Interconnected Path System recovery project. This could include some combination of sidewalks, trails, and bike lanes branching off the primary path network. Paradise is a rural community and to maintain its unique character these elements should be used selectively. Still, opportunities exist to enhance the quality of life within neighborhoods through targeted implementation of this initiative.

Lead

Town of Paradise

Action Steps

- Look for opportunities to extend the pedestrian and bike network
- Identify potential funding sources
- Confirm proposed locations with Town Council and Paradise residents

Cost Estimate

To be determined

Potential Resources

- Active Transportation Program (ATP)

Return on Investment

- Increased walkability and pedestrian/bike safety

Timeline

0 to 5 years



BEAUTIFICATION AND ECOLOGY

Recovery Priority



Tier 1

This is a Tier 1 priority as it should be implemented with ongoing community adaptation measures.

Project Description

The town should work on new approaches to beautification and ecology given the postfire terrain and updated fire safety requirements. The fire decimated most of the local cultural landscape and pollinator population. A community character which was dominated by large trees has been replaced by vast open vistas. Safety requirements now preclude foundation planting and trees within falling distance of public streets. Ground level fuels are also prohibited. These facts require rethinking how lots and the community should be planted. At the same time, plant pallets need to be established to bring back the pollinators that support a balanced ecosystem and agriculture.

It should be noted that the Paradise Recreation and Parks District is looking to reintroduce oak trees throughout the area to replace the lost conifers. They also want to encourage more agricultural uses, e.g. orchards, vineyards, etc. as fire breaks within the community.

Lead

Town of Paradise

Action Steps

Form an advisory committee to explore balancing the requirements of fire safety with restoration of local ecology and beautification

Cost Estimate

To be determined

Potential Resources

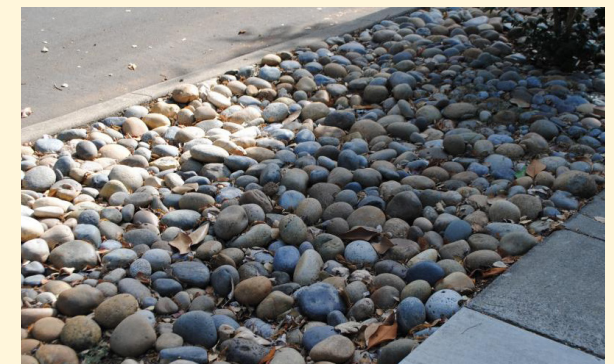
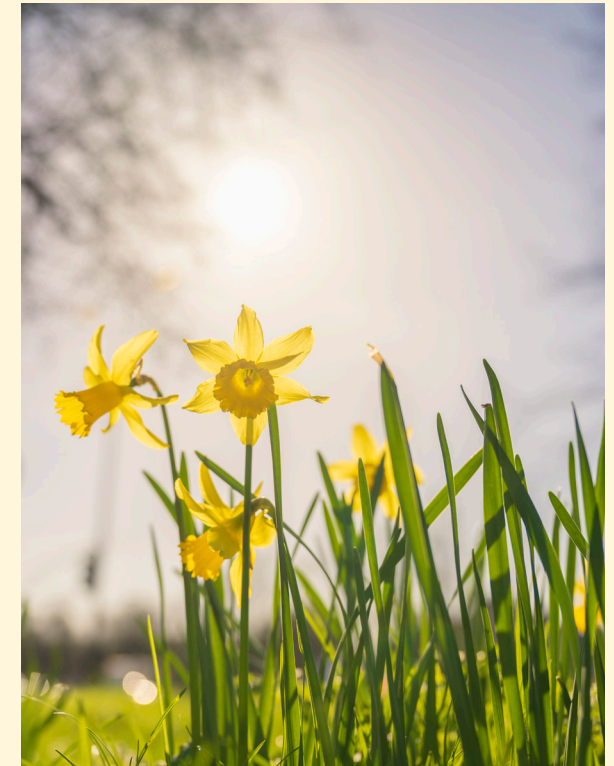
- Nature Conservancy
- American Society of Landscape Architects
- Paradise Garden Club

Return on Investment

Community pride and inviting the pollinators back along with former residents.

Timeline

0 to 5 years



ADDED



RP24

CONTRACTOR ACCOUNTABILITY

ADDED



RP 25

Recovery Priority



Tier 2

Given that there is an existing system that needs to be improved, Contractor Accountability is a Tier 2 recovery priority.

Project Description

Approximately one-third of survey respondents in Paradise report that they have been taken advantage of by a contractor working on their property since the fire. The town should develop additional strategies for holding contractors accountable for the quality of their work, property damage, and failure to perform work. Quality construction is a cornerstone of fire safety and resident happiness.

Lead

Town of Paradise

Partners

Contractor State Licensing Board (CSLB)

Action Steps

- Have the CSLB step up enforcement efforts with more frequent visits to Paradise.
- Provide owner/builder pulling their own permits with education materials from CSLB about contracting laws
- Create an online forum for complaints

Cost Estimate

To be determined

Potential Resources

To be determined

Return on Investment

Restoration of resident confidence that contractors are being held to recognized industry standards.

Timeline

0 to 1 year





RESIDENT FIRE SAFE EDUCATION

Update

Blue Flamingo, in partnership with the Paradise Fire and Police Departments, spearheaded to initiatives to provide resident fire safe education to the Town of Paradise. Now utilized by CalFire on the state's wildfire preparedness website — ReadyForWildfire.org — a video series called Ready, Set, Go was produced to instruct residents in the necessary wildfire preparedness measures to stay alert and protected in Wildland Urban Interface communities. In addition, the \$30k grant supported printing collateral material with defensible space requirements, fridge magnets to help residents know their zone for evacuation purposes, and social media promotion of events and activities around wildfire safety and preparedness.



RESIDENT FIRE SAFE EDUCATION

Recovery Priority



Tier 2

Fire safe education is a Tier 2 priority. With an unceasing need to stay in touch with current best practices, this program is important to the recovery.

Project Description

A perpetual education program could be established to train residents on Cal FIRE's guidelines and regulations on fire safe construction, landscaping, and defensible space. Paradise should aspire to rebuild as a model fire safe town.

Lead

- Cal FIRE
- Paradise Fire Department
- Town of Paradise
- ISO (Insurance Service Office)
- Paradise Ridge Fire Safe Council
- Butte County Fire Safe Council
- Paradise Zone Captains
- Civic Groups
- Butte County Office of Emergency Management

Action Steps

- Identify best fire safe practices by consulting with subject matter experts/professionals
- Coordinate with surrounding stakeholders (Cal FIRE, Fire Safe Councils, Butte County) when developing educational curriculum to ensure a consistent message throughout the Paradise area

- Determine who would be lead/coordinating agency, department or group
- Identify distribution methods (videos, pamphlets, fliers, social media, community group, etc.)

Cost Estimate

Public cost, program information, defensible space brochures, etc.	\$5,000
Printing and mailing town evacuation plan	\$10,000
Wildfire Ready Raccoon youth materials; children's book, trading card, promotion	\$5,000
Evacuation safety video, go bag materials, and other social media outreach	\$10,000
Scotch broom weed wrench lending program	\$3,000
20 wrenches x \$150/each	\$3,000
Community presentation materials — projector, in-case of emergency booklets, etc.	\$1,500
Community training days on how to safely reduce fuels with machinery and equipment as well as safe pile burning practices — 10 x \$100	\$1,000
Continuing education/professional development for coordinator	\$5,000
Community outreach/program coordinator	\$50,000

Potential Resources

- NFPA
- Firewise USA
- California State Fire Marshal Office
- National Wildland Coordination Group — Wildland-Urban Interface Mitigation Committee
- National Institute of Technology
- Insurance Institute for Business and Home Safety
- Fire Safe Councils

- Public relations firms (on how to roll out an effective program)
- Butte County Community Wildfire Protection Plan
- Butte County Hazard Mitigation Plan
- Hazard Mitigation Grant Program (HMGP)

Return on Investment

Increased resident awareness of the steps required to live safely in the Wildland-Urban Interface.

Timeline

0 to 3 years



TOWN OF PARADISE DEFENSIBLE SPACE REQUIREMENTS

The Town of Paradise Municipal Code 8.58

All property owners are required to comply with defensible space and fuel reduction requirements. It's your responsibility, and it's the law.



Defensible space checklist produced by Blue Flamingo



ECONOMIC DEVELOPMENT STRATEGY

Recovery Priority



Tier 2

An economic development strategy is related to recovery from the economic damage and restoring financial stability. It is important to the recovery, still qualifying it as a Tier 2 priority.

Project Description

A non-residential market study was implemented as part of the Transportation Master Plan and accepted by Council in March 2022. This information is being shared with developers and businesses investing in Paradise. The next step will be a strategy for an Economic Development Plan to be prepared by the town in the Summer of 2023.

Lead

Town of Paradise (setting policy, direction, strategy, and leading programs and projects)

Additional Action Steps

- Creation of an Economic Development Plan to include adoption of policy, direction, and strategy to go forward
- Town identifies projects

Cost Estimate

Non-residential market study and development site map
\$60,000

Economic Development Plan	To be determined
Project Costs	To be determined

Potential Resources

- Transportation Master Plan
- Study Cost: U.S. Department of Agriculture (USDA) Rural Business Development Grants (RBDG) Program Funding
- Economic Development Plan: U.S. Economic Development Administration (EDA) Disaster Recovery Funding
- Projects: Varies by nature of project

Return on Investment

Rebuilding the business and employment base.

Updated Timeline

- Study and Economic Development Plan: 0 to 1 year
- Projects: Varies



HIGH-SPEED DATA NETWORK

Recovery Priority



Tier 2

The high speed data network remains a Tier 2 priority because it can provide residents and businesses with an improved internet connection, allowing them to communicate more effectively, and it provides safer infrastructure for internet service distribution.

Project Description

This recovery project called for the town to work with providers to make the fiber optic network accessible to all residents and businesses as part of the infrastructure rebuilding effort. In 2020, the town issued a Request for Proposals for agencies to produce a feasibility study examining the demand and viability of installing high-speed broadband infrastructure in Paradise. The Geographical Information Center (GIC) at Chico State Enterprises submitted a proposal that was approved by Town Council in the summer of 2020. The goal of this study was to determine the demand for and cost of installing broadband infrastructure. The resulting Paradise Broadband Feasibility Study, completed in 2021, focuses on the demand within the town for high-speed broadband services.

Provides are currently undergrounding lines as housing and infrastructure are rebuilt. Future funding opportunities for broadband infrastructure are anticipated to be available through the California Advanced Services Fund (CPUC).

Lead

- Town of Paradise
- Internet Service Providers (i.e. Comcast, AT&T, Level 3, MCI, and U.S. TelePacific Corp.)
- Northeastern California Connect Consortium
- CSU Chico

Action Steps

- Per 2021 Paradise Broadband Feasibility Study

Cost Estimate: Per Original LTRP

Underground Fiber Deployment (Shared Underground Cost)	\$3.7 million
Underground Fiber Deployment (Standalone Deployment)	\$11.4 million

The first scenario (\$3.7M) assumes this deployment partners with a public utility (i.e., PG&E) in carrying out undergrounding deployments (trenching or excavating) along the fiber routes, so fiber deployments could achieve up to 90% cost reduction in undergrounding cable placement. The second scenario (\$11.4M) assumes the provider carries out the deployment as a standalone project.

See also 2021 Paradise Broadband Feasibility Study.

Potential Resources

Based on rate of return and/or time horizon, potential funding sources include the following:

- Private capital (i.e., equity, debt, internal funding)
- Public-private partnerships (i.e., publicly owned/private enabled, privately owned/publicly supported, joint ownership)

- Government assistance (i.e., Federal and State infrastructure grants, subsidies, loans, tax credits)
- Upfront payment by target customers

Return on Investment

When combined with all other underground utilities, the high speed data network supports a utilities distribution which is safer and smarter for residents of and businesses in the Town of Paradise.

Timeline

0 to 5 years





SUPPORT FOR MOM-AND-POP BUSINESSES

Recovery Priority



Tier 2

Support for Mom-and-Pop Businesses is a Tier 2 priority as it is tied to construction of the sewer system.

Project Description

Support small, independent (and often family-owned) businesses that lost their buildings in the fire and desire to return. The cost of rebuilding in Paradise far exceeds insurance proceeds making stick built new construction cost prohibitive. This challenge is compounded by the fact that new commercial space must wait for implementation of the sewer project.

Small businesses comprise 99.9% of all businesses in the U.S. and were the foundation of Ridge commerce before the fire. They often rely on affordable costs in owned or leased older buildings to be competitive. Innovative solutions must be developed if displaced mom-and-pops are to return.

Lead

Paradise Ridge Chamber of Commerce

Partner

3-CORE

Action Steps

- Help match small, independent businesses seeking commercial space with existing available space
- Get the sewer system fully funded and built
- Explore lowering new-build construction costs through prefabricated and modular building systems

Cost Estimate

Not available

Potential Resources

- Conventional construction loans and mortgages
- The town is currently developing business assistance programs utilizing ARPA funds (American Rescue Plan Act). They expect to have the programs open for enrollment in December 2022.
- Small Business Administration (SBA) loans

Return on Investment

- Restoration of a critical part of Paradise's economy

Timeline

0 to 5 years



2019 BUILDING ENERGY EFFICIENCY STANDARDS

Update

This recovery project has been completed. Applicants for building permits are now required to follow the 2019 Building Energy Efficiency Standards.

COMPLETED



RP30

2019 BUILDING ENERGY EFFICIENCY STANDARDS

Recovery Priority



Tier 2

This project has a Tier 2 priority status. The 2019 Building Energy Efficiency Standards promotes sustainability through updated green building requirements for new construction and promotes financial stability by ensuring residents and property owners meet the requirements of their insurance companies to receive adequate benefits.

Project Description

The Title 24-2019 standard will go into effect on January 1, 2020. These requirements for solar panels, energy efficient technologies, and sustainable construction methods for Title 24 buildings would provide residents and property owners with numerous financial benefits. First, residents and property owners would be able to claim the required improvements from their insurance companies if their policy incorporated this provision. Second, residents and property owners should see a savings on utility bills through the use of community renewable energy resources, like rooftop solar panels.

In order to achieve these benefits and successfully apply the 2019 Building Energy Efficiency Standards to new Title 24 construction, this project should:

- Provide certainty to get started on rebuilding now, while eliminating future unknown costs for residents

Lead

- Town of Paradise

Action Steps

- Document and distribute a fact sheet, explaining the 2019 Building Energy Efficiency Standards to residents and property owners who are rebuilding

Cost Estimate

Not applicable

Potential Resources

- Hazard Mitigation Grant Program (HMGP)
- Public Assistance (PA)
- U.S. Department of Energy (DOE)
- U.S. Environmental Protection Agency (EPA)

Return on Investment

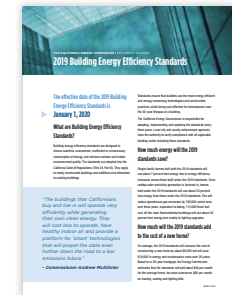
Upgraded building energy efficiency standards, when implemented successfully, are designed to reduce the utility cost burden on residents, promote the conservation of energy and water, and support fire safety through design.

Timeline

0 to 1 years



RP20



PARADISE, CALIFORNIA

Recovery Projects / Town-Led Projects

55

SUSTAINABLE STORMWATER AND DRAINAGE

Update

Sustainable Stormwater and Drainage has been retired as a stand-alone recovery project. The town is incorporating current best stormwater practices into the infrastructure and vertical development as Paradise is rebuilt. These initiatives are incorporated into the Town's Storm Drainage Master Plan (June 7, 2022) and Stormwater Management Program.

RETIRED



RP31

SUSTAINABLE STORMWATER AND DRAINAGE

Recovery Priority



Tier 2

The level of priority is Tier 2. Most of the stormwater drainage system did not sustain physical damage in the fire. However, it is still important to the recovery. Water quality can be significantly improved as the community is rebuilt.

Project Description

Sustainable stormwater and drainage investments would decrease the quantity of runoff and improve the quality of water. A funded study would provide the town with critical information to make improvements, such as:

- Additional erosion control management to prevent erosion during recovery and protect the sensitive post-fire condition of the land
- Elimination of open ditches along evacuation routes and all public roads to improve safety
- Detention basins and bioswales to slow down and clean stormwater before it reaches natural systems

Lead

- Town of Paradise

Action Steps

- New Storm Drainage Master Plan (current plan is from 1979)
- Secure funding
- Town-wide capacity and resiliency implementation based on Drainage Master Plan recommendations

Cost Estimate

Design and construction

\$250,000

Potential Resources

- Hazard Mitigation Grant Program (HMGP)
- Public Assistance (PA)

Return on Investment

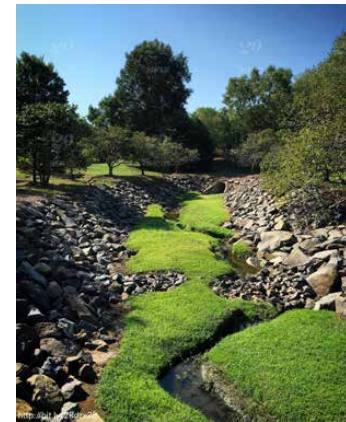
The town would have cleaner stormwater and improved erosion control, including the reduction of open ditches, fast flowing water, and muddy runoff.

Timeline

0 to 5 years



RP 21



SUSTAINABLE DEVELOPMENT

Update

The town is not pursuing Sustainable Development as originally conceived. However, many sustainability best practices are being incorporated into both infrastructure and residential construction per state and local regulations.

RETIRED



RP32

SUSTAINABLE DEVELOPMENT

Recovery Priority



Tier 2

The Sustainable Development project has a Tier 2 priority status. This project promotes sustainability through land and infrastructure development and management over a long-term timeline as the town recovers and rebuilds.

Project Description

As Paradise rebuilds, the natural systems of the town are equally as important as the physically built infrastructure systems. Metric systems and ideas like the City Resilience Index could provide framework ideas and strategies for sustainable development that would minimize the negative impact of rebuilding on the natural systems of Paradise. While the City Resilience Index does not currently have an application for rural communities, the town could leverage a partnership with this agency and others like it to develop a toolkit for sustainable development in post-disaster areas.

To advance sustainable land development strategies, the town could:

- Seek incentives for low-impact and resilient design and land management
- Develop and adopt sustainable development standards and guidelines
- Partner to educate residents about low-impact models and options

Lead

- Town of Paradise

Action Steps

- Create partnerships with City Resilience Index, Cal OES Infrastructure Systems Recovery Support Function, and others to develop standards and guidelines for sustainable development in Paradise and other rural communities
- Develop and distribute educational information on sustainable land management and infrastructure development to residents
- Secure funding and create incentives for residents and property owners who engage in sustainable infrastructure and development projects

Cost Estimate

Not applicable

Potential Resources

- California Governor's Office of Emergency Services (Cal OES) Infrastructure Systems Recovery Support Function
- Hazard Mitigation Grant Program (HMGP)
- Public Assistance (PA)
- U.S. Department of Energy (DOE)
- U.S. Environment Protection Agency (EPA)

Return on Investment

Sustainable development strategies serve to support resiliency and fire safe infrastructure, while also promoting the town as an exemplary rural community.

Timeline

0 to 5 years



RP22



PARADISE, CALIFORNIA

Recovery Projects / Town-Led Projects

57

SUSTAINABLE BUILDING PROGRAMS

Update

Given limited available funds, the town is prioritizing fire safety and building back over sustainable building programs.

RETIRED



RP 33

SUSTAINABLE BUILDING PROGRAMS

Recovery Priority



Tier 2

Sustainable Building Programs are a Tier 2 priority, as they demonstrate a willingness on the part of town leadership to invest in sustainable building practices for public buildings, recognizing the role that green design plays in promoting the town as a model, rural community during its rebuilding and recovery process.

Project Description

The Town of Paradise has a unique opportunity to be a model, rural community for fire safety and resiliency, as well as sustainability and green design. In the wake of the Camp Fire, the town should be a leader in fire-resistant and non-combustible building design. Throughout the rebuild and recovery effort, Paradise could become a destination for those who want to learn about these sustainable building strategies, including incorporation of LEED and USGBC principles in a rural context, application of California's stringent energy efficiency standards, matching efforts of sustainability with affordability, and Wildland-Urban Interface (WUI) compliance and execution.

In order to achieve this, the Sustainable Building Programs recovery project should include:

- Designing and constructing public buildings to meet stringent environmental and energy efficient standards and certifications
- Seeking financial incentives for residential and commercial owners to invest in ignition-resistant building materials that exceed WUI requirements

Lead

- Town of Paradise

Action Steps

- Create partnerships with LEED, USGBC, and others to develop standards and guidelines for sustainable and green building in high fire hazard rural communities like Paradise
- Develop and distribute education information on how individual residents and property owners can incorporate and benefit from sustainable, green, and fire safe design in the reconstruction of their homes and businesses
- Provide residents and property owners with a resource list of local builders, contractors, material providers, and others who specialize in locally sourced materials and are knowledgeable in green building design and construction
- Secure funding to support sustainable building efforts
- Create incentives for residents and property owners who exceed WUI requirements

Cost Estimate

Not applicable

Potential Resources

- Hazard Mitigation Grant Program (HMGP)
- Public Assistance (PA)
- U.S. Department of Energy (DOE)
- U.S. Environmental Protection Agency (EPA)



RP 23

Return on Investment

When residents and property owners use sustainable building strategies and best green design practices, homes and businesses are more likely to be fire safe, ignition-resistant, and energy efficient, promoting an overall safer, more resilient Paradise.

Timeline

0 to 5 years



NEW CIVIC CENTER

Update

The New Civic Center has been superseded by the Facilities Maintenance and Upgrades recovery project.

SUPERSEDED



RP34

NEW CIVIC CENTER

Recovery Priority



Tier 3

Building a new civic center is desirable for the recovery and would be a significant improvement. However, it is not related to the fire damage. That requires this recovery project to be categorized as a Tier 3 priority.

Project Description

Town Hall should be co-located with police/fire in a hardened facility. This building(s) could be located on town-owned property adjacent to the community park. Creating a new civic center in the heart of the town would increase safety and bring these critical facilities, such as the Emergency Operations Center (EOC), into conformance with Wildland-Urban Interface building regulations. It could also anchor the revitalization of downtown.

Hardening would include ignition-resistant building materials, commercial windows, defensible space standards, protected communications and power, and backup generators.

Lead

- Town of Paradise

Action Steps

- Town of Paradise to conceptualize this facility in terms of program and performance requirements
- Town to apply for outside funding to do a feasibility study and cost estimate
- Town to apply for outside funding to build the new facility

Cost Estimate

Feasibility study and cost estimate	\$150,000
30,000 SF facility (town hall/police/fire)	
Soft costs	\$1,800,000-\$2,200,000
Construction	\$15,000,000-\$18,000,000
Furniture, fixtures, and equipment	TBD

Potential Resources

- U.S. Economic Development Administration (EDA)
- Emergency Management Grant Program (EMGP)
- Town of Paradise

Return on Investment

Safety that comes with a consolidated and hardened Emergency Operations Center and hardened critical infrastructure. Centralized operational and communication efficiency.

Timeline

3 to 5 years



PARADISE, CALIFORNIA

Recovery Projects / Town-Led Projects

59

OPPORTUNITY ZONE

Update

Special legislation that would allow Paradise to be designated an Opportunity Zone never materialized.

RETIRED



RP35

OPPORTUNITY ZONE

Recovery Priority



Tier 3

Paradise was not designated as an Opportunity Zone before the fire, but may now qualify. This is desirable for recovery and as such is classified as a Tier 3 priority.

Project Description

The Opportunity Zone program was created to revitalize economically distressed communities using private investment rather than taxpayer dollars. By deferring capital gains for up to ten years, investors or groups of investors are incentivized to make long-term investments in areas that may historically have been underserved. While the Town of Paradise was not included in the first round of Opportunity Zone designations, it is possible the program could be amended, at which time the town should explore eligibility.

Lead

- Town of Paradise
- 3CORE

Partners

- U.S. Senate
- State Legislature
- Butte County
- Local investors
- Local developers
- Accounts and financial advisors

Action Steps

- Monitor and advocate for expansion of the current Opportunity Zone program — On April 3, 2018, Senators Marco Rubio (R-FL) and Rick Scott (R-FL) introduced the Disaster Opportunity Zones Act (DOZA), which will open Opportunity Zone designation to areas affected by 2018 natural disasters. The bill has been referred to the Senate Finance Committee for hearing.
- If expanded, create a prospectus on potential investment in Camp Fire burn area
- Educate policymakers regarding the importance of expanding these incentives
- Educate local investors/developers/CPAs/financial advisors on the benefits of Opportunity Zones

Cost Estimate

To be determined

Potential Resources

- California Opportunity Zones (CalOZ)
- Governor's Office of Business and Economic Development (GoBiz)
- U.S. Economic Development Administration (EDA)

Return on Investment

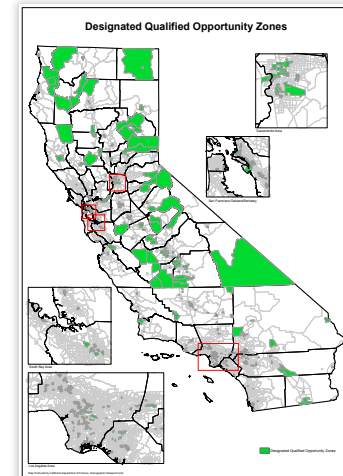
Incentives to invest in Paradise.

Timeline

To be determined — depends on potential policy changes



RP 25



PARTNER-LED PROJECTS

Partner-led projects are those which are being championed by various individuals, agencies, and organizations whose knowledge is directly applicable to each respective project. Within this section, projects are grouped together based on the category of the community vision they fall under — Safer, Welcoming, Stronger, Better, Greener. These projects range from Tier 1 to Tier 3 level of priority.

Recommended Projects

- PID Water System
- **Fire Breaks (Buffer Zones)**
- **Manufactured Home Communities**
- Housing Affordability
- Housing Market Study
- Workforce Development Plan
- Chamber of Commerce
- Educational Campus/Resiliency Research Center
- Volunteers
- Live/Work Space for Entrepreneurs
- Construction Training Center
- Elementary and Secondary Education
- Healthcare Services
- **All Scales of Healthcare**
- Outdoor Destination
- Early Childhood Education
- Public Transportation
- Arts and Culture on the Ridge (Gold Nugget Museum and Norton Buffalo Hall)
- **Blue Zones**

Bold indicates added recovery project

PID WATER SYSTEM

Update

The Paradise Irrigation District (PID) has cleared all waterlines of contamination. This includes mainline service as well as service lines to existing structures. They are also undertaking the extensive replacement of service lines to all new structures.

Water meters replacement is another element of planned upgrades within the district. PID was able to secure funding in 2022 to insure the long-term sustainability of the irrigation district. This recovery project is considered complete as the intent has been met.

COMPLETED



RP36

PID WATER SYSTEM

Recovery Priority



Tier 1

The water system sustained physical damage as a result of the disaster. Repairing the system is critical to fire safety and recovery. This is a primary community concern, leading to assignment as a Tier 1 priority.

Project Description

The Town of Paradise will support the Paradise Irrigation District (PID) in its mission to restore potable water throughout the town. Following the Camp Fire, PID re-pressurized the distribution system, repaired some of the leaks, and did initial water quality testing to determine that the distribution system had been contaminated with volatile organic compounds (VOCs). In response to the contamination, PID issued a "do not drink" advisory that is still in effect today as the system is repaired under the PID Recovery Plan protocols.

In order to determine restoration and service priority, each main within the PID system has been identified as a Category 1 through Category 4 main. Category 1 is a primary distribution main. Work will begin with Category 1 and continue for approximately two years (anticipated completion in early 2021) until all categories of service lines have been tested, repaired, and restored.

Lead

- Paradise Irrigation District

Partners

- Town Liaison Committee

Action Steps

The PID Water System Recovery Plan includes three steps:

1. Sample all service laterals and mains in the distribution system for VOCs. This will eventually total nearly 20,000 samples
 2. Replace contaminated service laterals and flush contaminated mains
 3. Restore potable water service to the system
- In order to accomplish these steps, there are five actions to be executed:

1. Temporary customer supply
 - a. Where possible, temporary customer supply will be above-grade pipe/hose from a service lateral outside the Sample Area
 - b. In some cases, temporary customer supply will be a tank and booster pump providing non-potable domestic use flows only
 - c. Once sampling of stagnated water lines is completed, the temporary water supply will be removed, and the customer reconnected to the PID water system
2. Recover water meters and appurtenances
3. Sample mains and service laterals
4. Repair and replace damaged system components
5. Reconnect customers to distribution system

Cost Estimate

Total Cost

\$53,000,000+

Potential Resources

- California Governor's Office of Emergency Services (Cal OES)
- Federal Emergency Management Agency (FEMA)

Return on Investment

The PID Water System will provide homeowners and business owners with potable water, a prerequisite for large scale rebuilding.

Timeline

0 to 2 years

NOTE: Information was taken from the Paradise Irrigation District Water System Recovery Plan issued on April 12, 2019





FIRE BREAKS (BUFFER ZONES)

Recovery Priority



Tier 1

Fire breaks are a key element of community-wide fire safety and serve as an instrumental mitigation measure with long-term impact. This proposal for a fire break around the perimeter of the town is a Tier 1 priority project.

Project Description

Implement and maintain a buffer zone between development and the wildlands to reduce fire risk, especially on the east side of town. As fuels are reduced, these areas can also double as an opportunity for hiking trails. The soon to be released *IBHS Wildfire Prepared Community Standards* are expected to include buffer zones as a fundamental mitigation measure.

Lead

- Paradise Recreation and Parks District (PRPD)

Partner

- FEMA and CalOES
- Town of Paradise
- The Nature Conservancy

Action Steps

- Perform a cost benefit analysis
- Develop a comprehensive rubric for analyzing and selecting property that will form a contiguous boundary and how that property should be programmed
- Establish program requirements, site standards, and fuels

management plans for maintaining and stewarding the protective barrier

- Identify areas of vulnerability
- Execute maintenance agreements with existing landowners and propose opportunities for land acquisition
- Confirm potential sources for purchase, construction, and long-term maintenance funding
- Construct and maintain the fire break

Cost Estimate

The cost of property acquisition, park development, trail network extensions, and fuels management throughout the entire fire break will be determined during the initial planning funded by the FEMA Building Resilience in Communities Program.

Potential Resources

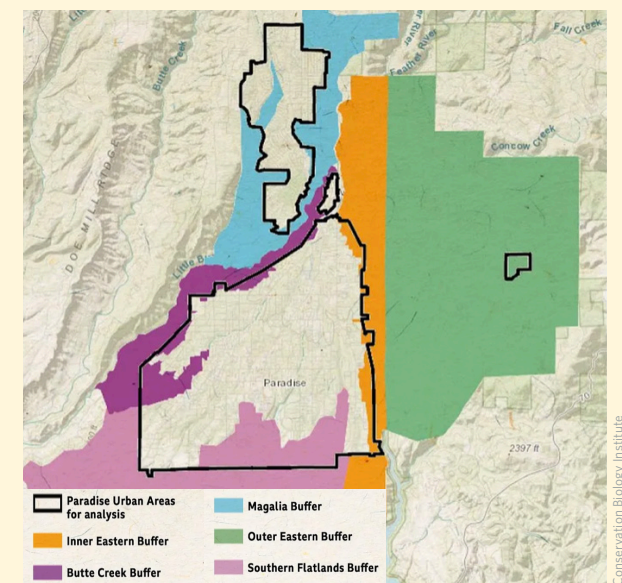
- \$300K grant from FEMA's Building Resilience in Communities Program to perform a cost benefit analysis, establish priorities, and set up the programming and development rubric (Submitted in 2020, but waiting on agreement)
- Donation and Funding Program for Property Acquisition
 - \$225k approved by the Sierra Nevada Conservancy in 2020 (designated for 2 properties - about 12 acres)
 - Donation (unincorporated area) completed 12/2021 for about 5 acres
 - Additional donations in progress for October 2022 including property near Bille Park (1.39 acres) and Feather River Place (3.44 acres), as well as a signing agreement for purchase (2.22 acres) and partial donation (7.4 acres) of property in Eastern Paradise

Return on Investment

It is anticipated that the creation of a fire break that fully surrounds the Town of Paradise would help reduce insurance costs by up to 40%. As well, initial cost benefit analysis research shows a 4:1 return on investment from damage reduction over 30 years with a fire break just on the eastern edge of Town. In addition to insurance reductions, a fire break could serve several functions beyond a protective barrier and passive green space. Other uses include: active park spaces, extended trail networks, and potential business opportunities that take responsible care of the town's boundary.

Timeline

- Study: 0-5 years
- Implementation: 5-15 years
- Maintenance: in perpetuity



MANUFACTURED HOME COMMUNITIES

ADDED



RP38

Recovery Priority



Tier 2

This is a Tier 2 recovery priority like the Housing Affordability project in the original LTRP.

Project Description

Address the challenges to rebuilding the 36 privately-owned manufactured home parks destroyed in the fire. In general, funding has not been available to rebuild these parks and prepare manufactured home sites. However, the recently passed Senate Bill (SB) 197 expands authorized purposes for grants or loans under the Manufactured Housing Opportunity and Revitalization (MORE) Program (previously the Mobile Home Park Rehabilitation and Resident Ownership Program) for converting a mobile home park also to include: the acquisition, rehabilitation, reconstruction and replacement of a mobile home park; certain necessary repairs to health and safety deficiencies of a mobile home park; or reestablishment, including relocation, of a mobile home park. SB 197 also modifies the required conditions for program loans and grants for mobile home parks and individual low-income residents of such parks, including adding conditions for required affordability restrictions and permitting deferral of repayments for the full term of any loan.

The MORE program is likely to be used by some park owners; additional strategies must be developed to encourage the adaptive reuse of all vacant sites.

Lead

California Department of Housing and Community Development (HCD)

Action Steps

- Publicize the MORE program
- Further investigate strategies through the town's newly formed Housing Advisory Committee, including commissioning parks

Cost Estimate

To be determined

Potential Resources

MORE program

Return on Investment

Broadening housing opportunities and choices for residents that aspire to return.

Timeline

0 to 5 years



HOUSING AFFORDABILITY

Paradise Community Village has been rebuilt. The 36-unit neighborhood was completed and fully reoccupied, on its original site, in September 2021. There were approximately 250 initial applications with more than 60% being Camp Fire survivors. Proceeds to rebuild included insurance, a FEMA Public Assistance Grant, and private donations.

COMPLETED



RP 39

HOUSING AFFORDABILITY

Recovery Priority



Tier 2

This project focuses on replacing Paradise Community Village, an affordable housing community that was lost in the disaster. It has a Tier 2 recovery priority. Rehousing those families will take pressure off of other regional housing needs.

Project Description

Much of the housing in Paradise prior to the fire was naturally occurring affordable housing. Given the cost of construction, it will be difficult to replicate the levels of housing affordability. There was also a small amount of subsidized workforce housing, including multi-family housing at Paradise Community Village. Paradise Community Village should be rebuilt by the Community Housing Improvement Program (CHIP) to replace the lost housing and services, in partnership with the Town of Paradise.

Paradise Community Village was completed in 2013 and included 36 units of multi-family housing, community amenities, and a community building. CHIP is required to rebuild what was lost, only changing any required upgrades to meet codes or fire safety mandates. To comply with IRS rules, there is a two-year timeframe for replacement, but CHIP has requested that the rebuild time be extended to 4 years.

Other future mixed-use partners could be involved in the rebuilding to achieve the live-work-learn-play vision for Paradise Community Village, in exploring options for rebuilding infrastructure. After the first phase of housing

is replaced there could be opportunities for a second phase that meets the needs of the community (family, senior, or homeownership development).

Lead

- Community Housing Improvement Program (CHIP)

Partner

- Town of Paradise

Action Steps

1. Apply for IRS exception to extend the IRS required timeframe to rebuild the 36 units of housing and amenities from 2 to 4 years. Request has been made and a decision is pending.
2. Secure additional financing for rebuilding as costs to rebuild have escalated and new codes and requirements will increase the total development cost.
3. Explore partnership with potential adjacent mixed-use elements to complement the rental housing.
4. Repair the existing community wastewater system that supports the Paradise Community Village and other uses (additional housing, future soccer/sports complex, school, etc.). The existing system can be expanded to accommodate additional users.
5. Consider additional partnerships with complementary users during the rebuild of Paradise Community Village. If this occurs, additional funding to address signalization and road improvements will be required.

Cost Estimate

Development cost (materials, labor)	\$11 million
Development soft costs	To be determined
Infrastructure	To be determined

Potential Resources

- Community Development Block Grant Disaster Recovery Program (CDBG DR)
- Federal Emergency Management Agency (FEMA) Public Assistance (PA) Grant
- Foundations and donations
- Traditional debt/mortgage financing

Return on Investment

This project takes advantage of dedicated funding sources for reconstructing Paradise Community Village to rebuild a stable community and rehouse 36 families with services and community amenities, which will help to reduce housing pressures in Paradise and Butte County. Many of the former residents wish to return to Paradise and reside at Paradise Community Village.

Timeline

2 to 4 years



PARADISE, CALIFORNIA

Recovery Projects / Partner-Led Projects

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HOUSING MARKET STUDY

Update

A residential market study was completed for Butte, Tehama, and Glenn counties. This study, prepared by Peloton Research and Economics, was undertaken to help better understand the impacts of the Camp Fire on housing market conditions in the tri-county region. Funders included the North Valley Community Foundation, Butte Strong Fund, Fannie Mae, and Sierra Nevada.

The Study noted that “at the crux of all the housing challenges faced in the region, both pre- and post-fire, is the availability of affordable housing options. This issue is of greater importance now following the elimination of so much affordable housing stock back in Paradise and surrounding communities. In most cases these homes were not only affordable, but they were unsubsidized. It is extremely difficult to deliver market-rate affordable units in today’s markets, though not impossible.”

Key Objectives

- Update pre-Camp Fire baseline data to 2018 sources
- Provide more in-depth information on pre- and post-disaster market conditions
- Understand the dynamics leading to population out-migration
- Examine feasibility of new housing construction
- Identify opportunities for new housing in the region
- Create policies promoting housing production

Although not specific to Paradise, information about the town was included. Links to the study are included on the North Valley Community Foundation and Chico Builders Association websites.

COMPLETED



RP 40

HOUSING MARKET STUDY

Recovery Priority



Tier 2

A market study is important to the recovery to quantify what was lost, what is in the pipeline and the projected need in the future. This is a Tier 2 priority.

Project Description

To ensure a mix of housing options and opportunities for the tri-county region, a market study should be undertaken. The study will include definitions for affordable, workforce, and attainable housing and provide pre-fire examples of each housing type from within the Town of Paradise and other tri-county communities. An analysis and breakdown of housing types in Paradise prior to the fire will be provided along with a current breakdown of the composition of housing units remaining.

Paradise should evaluate the results to benchmark the affordable/workforce housing lost and to set targets for replacing affordability that ensure a mixed-income community.

Lead

- Camp Fire Long-Term Recovery Group, Housing Subcommittee

Partners

- 3CORE
- Town of Paradise

Action Steps

- Pre-Fire Household Composition, Housing Mix, and Market Conditions
 - Review pre- and post-fire composition of housing stock and housing market conditions in Paradise, Butte County, and the surrounding tri-county area
 - Provide breakdown of household types by income, housing type, tenure, family composition, household size, and age group
- Aid community in establishing goals and target allocations for the re-introduction of mixed-income housing types, as well as identify tools and resources to assist in planning, encouraging, and implementing mixed-income housing
- Understand the movements of children and families in the region
- Post-Fire Housing Issues including Availability, Affordability, and Future Mix
 - Analyze the impacts of Camp Fire victims on local housing resources by analyzing rental rates, occupancies, home sale prices, listing prices, and inventory of available homes
 - Identify and analyze sites capable of supporting new housing units
 - Analyze current residential developments under construction
- Feasibility of Building and Rebuilding
 - Analyze the feasibility of home construction in Paradise
- Future Development and Policy Recommendations to Meet Local Housing Needs

- Provide calculations for future housing units and identify shortfalls, by housing type and income level, across the region
- List of resources and incentives for mixed-housing types

Cost Estimate

Market study \$35,000-\$75,000

Potential Resources

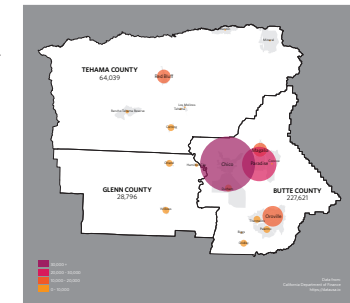
- Foundations

Return on Investment

Empirical data that quantifies what was lost, what is in the pipeline and the projected need in the future.

Timeline

0 to 1 years



WORKFORCE DEVELOPMENT PLAN

Recovery Priority



Tier 2

The workforce development plan is related to the economic damage caused by the disaster. It will help restore job security and financial stability to the region over the long-term. It remains a Tier 2 priority.

Project Description

Although still in the early stages, a new workforce training center for trades and a 3D printing center are the top priorities. A Notice of Funding Availability (NOFA) is scheduled to be issued in January 2023. What projects the town's partners can apply for will be better known then. In the meantime, a 3D printing course is offered through CSU Chico, which could be a feeder program, and the Rotary Club has formed a special committee.

A Workforce Development Plan should ensure that workforce needs are understood and that training opportunities adequately address those needs. There are many local job seekers who lost their jobs and business owners whose business were either lost or severely impacted by the Camp Fire. NoRTEC and the Alliance for Workforce Development (AFWD) have been working closely with partner agencies in Butte County to meet the new disaster related workforce needs. Original targeted activities included:

- Career and training services, including partnering with Butte College to ensure relevant training options are available
- Temporary clean-up jobs for impacted workers in the Camp Fire burn area
- Job Seeker services (assessments for employment and

training needs, assistance with short term prevocational training, occupational skills training, paid work experiences, paid internships, On-the-Job (OJT) training, supportive services, career guidance and job search assistance and placement as needed)

- Evaluating needed vocational programs, trades, apprenticeships, and ROP programs
- Coordinating with the Laborers Local 185 Union and assisting in developing a plan to help get individuals employed through the Union
- Working with Cal Recycle/Cal OES to identify contractors hiring for debris cleanup
- Hosting job fairs for HAZWOPER certified individuals with the hiring contractors and also with the local laborers union, Business Recovery Forums, resume and application workshops for affected individuals, contractor workforce info session, and a Listening Session with Butte County businesses and State Agency resources
- Participating in the Camp Fire Business Recovery Task and Camp Fire Long Term Recovery Group
- Conducting business walks and outreach to the Paradise area to identify any needs of the new or reopening businesses
- Coordinating and participating in the North Valley Camp Fire Resource Round-up
- Coordinating services between various public and non-profit agencies to help identify individuals that need workforce development services

Lead

- NoRTEC (Northern Rural Training and Employment Consortium)
- AWFD
- Butte College

Partners

- Camp Fire Business Recovery Task Force
 - Chamber of Commerce
 - Butte College
 - Town of Paradise
 - City of Chico
 - Butte County
 - 3Core
 - Small Business Development Center (SBDC)
 - Small Business Administration (SBA)
 - Rotary Club

Additional Action Steps

- Respond to NOFA
- Implement based on qualifying projects

Cost Estimate

\$18,700,000 allocated

Potential Resources

- CDBG-DR

Return on Investment

Meeting the workforce needs resulting from the Camp Fire. Also, helping job seekers and business owners impacted by the disaster.

Timeline

1 to 3 years



CHAMBER OF COMMERCE

Recovery Priority



Tier 2

The Paradise Ridge Chamber of Commerce is a Tier 2 priority due to its role in the economic recovery from the disaster and its continued importance as a key entity in organizing small business support, promoting local opportunities, and attracting residents to the Ridge.

Project Description

As rebuilding has progressed, the Paradise Ridge Chamber of Commerce has been highly involved in supporting the evolving needs of its members, while also promoting and attracting new businesses and residents to the Ridge.

The Chamber of Commerce has addressed several action steps from the 2019 Long-Term Recovery Plan, including:

- Focusing on strategies that would support businesses and economic development on an individual, business-by-business basis after the Butte County Business Recovery Task Force terminated convening as a structured group
- Establishing sponsorships and applying for short-term grant opportunities to initialize a sustainable fiscal model for the Chamber
- Developing short and long-term work plans and goals for promoting local events and celebrations, attracting new rooftops and residents, and publishing the Ridge Business Journal and Ridge Rising Guides

In addition, the Chamber has focused on a series of initiatives that have supported the town's recovery and

brought back residents and businesses to the Ridge, including:

- Advocating for a commercial sewer system and community-wide broadband through writing letters to legislators and keeping the business community updated on the progress
- Supporting the Valley Contractors Exchange's Construction Industry Workforce Initiatives by publicizing events and issues in the Chamber's media channels
- Partnering with local rebuild, workforce, and construction organizations to form the Home Builders Resource Connection to produce resources and events connecting potential residents with trades and providing comprehensive information about building in the Wildland Urban Interface (WUI)

Lead

Paradise Ridge Chamber of Commerce

Partner

- Town of Paradise and Butte County
- Business community

Additional Action Steps

- Establish a stronger partnership with the Town of Paradise to further economic development initiatives, pursue joint funding opportunities, and foster a greater sense of unity between both entities
- Fund and implement a multi-year campaign to attract residents to the Ridge
- Maintain and grow the Ridge Rising publications to continue attracting businesses, organizations, and residents to the region
- Identify staffing needs for the Chamber and develop a workplace and funding strategy to fill the gap

Cost Estimate (Spent and Projected)

\$1.2 million spent across all of the Chamber of Commerce's various initiatives

Potential Resources

- Small grants on a project-by-project basis
- Public-private partnerships

Return on Investment

The Paradise Ridge Chamber of Commerce has created countless opportunities for residents and small businesses to call the Paradise community home through their small business support initiatives and culture-building publications. Continued support of the Chamber equates to continued growth and recovery of the Town of Paradise.

Timeline (2022 and forward)

The timeline is determined on a project-by-project basis.



EDUCATIONAL CAMPUS/ RESILIENCY RESEARCH CENTER

Update

The Educational Campus/Resiliency Research Center has been superseded by the Workforce Development Plan recovery project.

SUPERSEDED



RP 43

EDUCATIONAL CAMPUS/ RESILIENCY RESEARCH CENTER

Recovery Priority



Tier 3

A postsecondary campus did not exist in Paradise before the fire. This is an opportunity that was created because of the fire. It is desirable for recovery and classified as a Tier 3 priority.

Project Description

Paradise would be the ideal location for the study of fire safety, fire hazard area ecology, disaster recovery best practices, hardening research, vocational training, building in harmony with nature, etc. The town should explore partnerships with existing institutions that could lead to satellite programs or even a physical presence in downtown.

The academic communities interest in Paradise after the Camp Fire is underscored by the over fifty academic institutions that have reached out to Chico State. Both Chico State and Butte College have been key institutional partners in supporting the Paradise recovery and rebuilding effort.

Chico State maintains 3,950 acres of diverse habitats known as the Big Chico Creek Ecological Reserve (BCCER) just west of Paradise. Approximately 85% of the Reserve burned in the Camp Fire. Goals of the Reserve include monitoring on-site natural resources and providing public outreach and education. The faculty has focused on creating a healing recovery and resiliency center since the disaster. The town should explore a potential partnership for a secondary meeting and educational facility in Paradise. Other Chico State efforts to support Paradise include, but are not limited to:

- Wildcats Rise Fire Recovery Fund and several other donation collection efforts
- Human Identification Laboratory effort to search for human remains after the Camp Fire
- Camp Fire Oral History Project
- GeoPlace Mapping Lab studying the fire's displacement effect

Butte College has supported the recovery and rebuilding of Paradise in the aftermath of the Camp Fire through two initiatives:

1. Economic and Workforce Development (EWD) unit, which includes the Small Business Development Center, Contract Education, and Training Place
2. Credit Certification and Degree Programs development to provide a pipeline of skilled employees to support industry

Lead

- Chico State University (CSU)
- Butte College

Partners

- Town of Paradise

Action Steps

- Town of Paradise Disaster Recovery Coordinator to establish a direct link with CSU and Butte College leadership
- Formulate a plan for moving forward with consensus goals and objectives
- Seek funding if needed

Cost Estimate

Programs and Facilities

To be determined



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Potential Resources

- Butte College
- Chico State University (CSU)

Return on Investment

The Educational Campus and Resiliency Research Center can provide an academic focus on resiliency, job training related to the rebuilding efforts, and a possible broadening of educational opportunities in Paradise.

Timeline

0 to 5 years



PARADISE, CALIFORNIA

Recovery Projects / Partner-Led Projects

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VOLUNTEERS

Recovery Priority



Tier 3

The Volunteers Recovery Project is a Tier 3 priority. Accepting and organizing the influx of volunteers to the Town of Paradise provides opportunities for residents to connect with additional resources they need for recovery, supports significant improvements to the damage from the Camp Fire, and boosts a sense of morale and community spirit in the wake of the disaster.

Project Description

Volunteer services are in abundance in the town, both as agencies within the community are trying to support the rebuilding of their town and as external groups are looking to lend a helping hand.

While there is still a steady influx of volunteer services to the Town of Paradise, there is no single organization or entity responsible for managing volunteers and directing them towards areas of most need. Individual organizations receiving volunteer support and services are currently managing their own efforts, and intend on continuing to do so.

Beyond this individualized response, The Camp Fire Collaborative exists to help provide disaster case management services to Camp Fire victims. Formerly the Camp Fire Long-Term Recovery Group (CFLTRG), the Camp Fire Collaborative transitioned to a collaborative model in the Spring of 2020. Made up of almost 100 non-profit, private, and public organizations, the Camp Fire Collaborative seeks to address the unmet needs of

Camp Fire survivors by organizing volunteer assistance, in-kind donations, and accessing all available funding for survivors.

Lead

- Independent organizations
- Camp Fire Collaborative

Additional Action Steps

No additional action steps are needed at this time, as individual organizations will continue to hold ownership over their volunteer needs.

Cost Estimate (Spent and Projected)

Varies based on volunteer project and those engaged.

Potential Resources

No additional resources are needed at this time on a coordinate effort. Any potential resources will be acquired by individual organizations on a project-by-project basis.

Return on Investment

By allowing organizations in need of volunteer support and services to manage their own individual demands, the burden of responsibility is removed from a single, management organization and handled as needed by those seeking support and assistance. This allows individual organizations to curate their volunteer support, and the specific skill demands needed to complete projects.

Timeline (2022 and forward)

As the Town of Paradise continues to recover, there will be a fluctuating need for volunteers, with more specific timelines offered on a project-by-project basis.



LIVE/WORK SPACE FOR ENTREPRENEURS

Recovery Priority



Tier 3

This remains a Tier 3 priority project. Paradise had a small maker community before the fire. This recovery project contemplates leveraging vacant commercial buildings and sites to build on what was and encourage reinvestment. It is a tertiary priority that falls under Tier 3 initiatives.

Project Description

This recovery project is on hold pending the installation of a sewer system. Existing commercial space is at a premium until new commercial space is built.

The internet economy could allow the Ridge to be competitive in live/work space. Room now exists to house business start-ups requiring affordable work space with or without adjacent living quarters. Tax breaks and other incentives should be identified to seed this initiative.

Lead

Investors

Partners

- Town of Paradise
- Chico State Center for Entrepreneurship

Action Steps

- Identify potential sites
- Promote the opportunity
- Encourage private investment

Cost Estimate

Design and construction

To be determined

Potential Resources

- Private investors

Return on Investment

Opportunity for economic development through adaptive reuse.

Timeline

0 to 5 years



ELEMENTARY AND SECONDARY EDUCATION

Recovery Priority



Tier 1

Rebuilding elementary and secondary schools in Paradise was a Tier 1 priority for the 2019 LTRP, and remains a Tier 1 priority. Safe, high-quality schools are a necessary prerequisite for families moving back and new families moving in.

Project Description

Paradise's public, charter, and private schools are instrumental in providing current and future families with high-quality, state-of-the-art programming and education on the Ridge. Since the 2019 Long-Term Recovery Plan, both Paradise Unified School District (PUSD) and Achieve Charter School have made significant investments in not only repairing and reopening schools, but also ensuring that those schools incorporate 21st-century best practices, learning models, and classroom environments.

Update from Paradise Unified School District

- Completed Paradise Ridge Elementary, which combines Paradise Elementary and Ponderosa Elementary, with a building that is twice the size of the old facility
- In front of Paradise Ridge Elementary, there have been substantial infrastructure improvements as a part of a program to provide safe routes to school, including a widened road with a safer turn lane and a large sidewalk in front of the school
- Paradise High School has reopened in its original facility, with a new gymnasium, softball field, tennis courts, and accessibility ramping

- A new Paradise High School facility is currently under construction
- Ridgeview High School is currently under construction, across the street from Paradise High School, and is slated for completion at the end of April 2023
- Cedarwood Elementary in Magalia has moved from temporary structures to permanent classrooms
- The 10-year goal for PUSD is to have all schools on the Ridge modernized and upgraded to their new standard of facility

Update from Achieve Charter School

Achieve Charter School reopened in Paradise in 2022 at the St. Thomas Moore site as a K-5 school

Lead

- Paradise Unified School District
- Achieve Charter School

Additional Action Steps

Paradise Unified School District

- Promote walkability around schools with necessary infrastructure improvements, including expanded and additional sidewalks
- Continue to secure funding to complete their anticipated projects list (reference cost estimate and projected investments table)
- Establish an approach to education that provides high-quality facilities and services to the residents of the Ridge, with advancements the community wouldn't have seen in 20-30 years prior to the Camp Fire

Achieve Charter School

- Evaluate a need for 5-8th grade charter school services, and provide as needed



Continued on next page



ELEMENTARY AND SECONDARY EDUCATION, CONTINUED

Cost Estimate (Spent and Projected)

Paradise Unified School District

- Spent
 - Overall, approximately \$90-\$100 million in investment in PUSD schools
 - Paradise High School — \$23 million
 - Paradise Ridge Elementary — \$23 million
- Projected Investments
 - \$41 million remaining in \$61 million bond package, with the next \$10 million projected for use in the next few years

Achieve Charter School

- \$4 million was spent on infrastructure and an additional \$1 million on portable classrooms for Achieve Charter satellite campus in Chico, before returning to Paradise
- \$300k to develop STEM lab in Chico and \$600k in start-up costs to Paradise through the Silicon Schools Fund
- Thousands, not fully quantified, in philanthropic support

Potential Resources

Paradise Unified School District

- State of California
- Bond package

Achieve Charter School

- Paradise Recreation and Parks District
- Chico State University
- Paradise Rebuild Foundation
- Butte County Office of Education
- North Valley Community Foundation

Return on Investment

As stated in the 2019 LTRP, rebuilding a strong elementary and secondary school system and network of private and charter options is a prerequisite for the rebuilding of Paradise. Many families choose their communities based on the education options. In order for Paradise to rebuild and encourage families to move back, schools are essential.

Investing in high-quality education options for children leads to better health, educational attainment, jobs/careers, and future buying power.

The work of Paradise Unified School District and Achieve Charter School is already well on its way to ensuring that Paradise is envied for its high-quality, state-of-the-art education amenities. Continued investments will only continue to elevate the educational opportunities for current residents and attract new residents to the Ridge.

Timeline (2022 and forward)

10+ Years

Project Description	Estimated Total Cost	Estimated State Funds
1 Reserve for Potential Future Lot Purchases near Paradise High	500,000	
2a Paradise High Science Rooms Remodel & Library Remodel	6,940,621	
2b PHS — Remove old wings and replace with grass & outdoor benches	2,421,595	
3 Paradise Junior High Modernize Classrooms/STEAM Lab	9,565,309	1,449,115
4 Pine Ridge Modernize Classrooms ADA+ Alt.1 to Replace Bleachers	5,372,556	1,928,519
5 Pine Ridge Admin Building	3,266,778	
6 PHS Student Parking lot — Replace and Expand Lot on Maxwell	4,482,643	
7 Cedarwood 10 Classroom Wing/Admin & Demo Portables	13,864,308	1,687,480
8 Pine Ridge — Remove Lower Portables by Library	297,225	
9 PHS — New parking for stadium (3 lots off Elliott)	4,704,315	
10 Paradise High Stadium — Turf Field/Lights/Bleaches/ADA...	11,600,403	
11 Paradise High Gold Gym Locker Room Remodel and Stage Remodel	6,071,351	
12 Paradise High Kitchen Remodel (Inc. Exterior and HVAC)	4,582,887	
13 Maintenance/Transportation/Nutrition Building	9,470,703	
14 Paradise High Building 400 & 500 (Rm 502) Modernization	2,043,492	
15 Paradise High Wrestling Rm (Bldg 500, Rm 508)	1,402,805	
16 Paradise High Baseball Field Lighting & Access	1,835,033	
17 Paradise High CTI: Facility (Schematics Completed)	13,895,436	
18 Paradise High Performing Arts Center and 100 Wing Demo	12,377,661	
	114,695,121	5,065,114

Paradise Unified School District Facilities Project Priorities List
Project Would Be Approved To Start Construction As Funding Becomes Available
Board Approved On 01/18/22

HEALTHCARE SERVICES

Update

Healthcare Services has been superseded by the new All Scales of Healthcare recovery project

SUPERSEDED



RP 48

HEALTHCARE SERVICES

Recovery Priority



Tier 2

Access to healthcare is an important issue to the community and rebuilding the healthcare system to meet the needs of the community is a Tier 2 priority project.

Project Description

Health services should be matched to the needs of the community as Paradise grows back.

Primary care and specialist services would be replaced in Paradise so that people have regular access to their doctors and do not have to leave the community to get care. Emergency services should also be replaced. Health and wellness should be incorporated into the design of the community.

Lead

- Feather River Health Care
- Oroville Hospital
- Butte County EMS

Partners

- Town of Paradise

Action Steps

- Support SB 156, which would issue a special permit to allow a general acute care hospital to offer emergency stabilization services in the community
- Replace and grow primary care and specialist services in Paradise so that people have regular access to their doctors and do not have to leave the community to get care

- Match the needs of the population with the health services as the community grows back
- Replace access to emergency service facilities
- Develop preventative health care and fitness facilities in partnership with healthcare providers
- Incorporate health and wellness into the design of the community, including walking and biking trails, parks, and active recreation amenities

Cost Estimate

Preventative health/wellness facilities	To be determined
Primary care office	To be determined
Medical specialists' offices	To be determined
Emergency care facility	To be determined

Potential Resources

- State of California
- Private healthcare systems

Return on Investment

Preventative, primary, specialist, and emergency healthcare are foundational amenities for a complete community. Investing in whole-person and preventative health has measurable benefits and reduces future public healthcare costs. Furthermore, the availability of healthcare is a threshold for returning to the community and therefore becomes a critical component of attracting returning and new residents.

Timeline

0 to 5 years



RP 35





ALL SCALES OF HEALTHCARE

Recovery Priority



Tier 1

Access to healthcare was an important issue to the community immediately following the Camp Fire, and continues to be a critical issue for the Ridge. Rebuilding the healthcare system to meet the needs of the community has been elevated to a Tier 1 priority project.

Project Description

The objective of this effort is to restore all scales of healthcare to the Town of Paradise. Although deemed infeasible at this time, healthcare providers have shifted the conversation to forming a robust clinic system, with strong primary care services, and fortifying this with in-person or telehealth specialized medicine.

While the discussion of providing services and making healthcare accessible on the Ridge continues, it is critical that healthcare providers engage in a dialogue with residents of Paradise and the other Ridge communities over their major concerns and work to address those concerns through restoring critical services.

One major concern is the Adventist Health Feather River Hospital facility that was severely damaged during the Camp Fire, which left a significant gap in healthcare services and the perceived feeling of securing in Paradise and on the Ridge. Services including hospitalization and emergency care, urgent and immediate care, and primary care are still missing, despite a few efforts to increase providers in the community, including the immediate and rapid care clinic that opened in 2019.

Lead

- Adventist Health
- Butte County EMS
- Additional healthcare providers

Action Steps

- Put together a task force with Adventist Health Staff and Community Leaders to have a structured entity supporting the development and provision of healthcare services on the Ridge
- Develop a fortified and robust clinic system which creates the opportunity for community medicine
- Hold a public forum in Paradise to hear from residents about major concerns regarding a perceived lack of local healthcare services
- Acknowledge resident frustration with opaque systems, and discuss concerns related to emergency care and hospital services being accessible on the Ridge
- Continue to identify missing critical services and establish a trajectory for fulfilling the gap
- Establish resources for transportation to critical services



Cost Estimate

Projected costs for increasing healthcare services and amenities on the Ridge are to be determined, until healthcare providers can be identified and expanded services discussed.

Potential Resources

- Private and alternative healthcare providers
- State of California
- Town of Paradise

Return on Investment

Preventative, primary, specialist, and emergency healthcare are foundational amenities for a complete community. Investing in whole-person and preventative health has measurable benefits and reduces future public healthcare costs. Furthermore, the availability of healthcare is a threshold for returning to the community and therefore becomes a critical component for attracting returning and new residents.

Timeline

Continued conversations with residents, local community leaders, the Town of Paradise, and healthcare providers will determine the timeline for continuing to infuse the Ridge with additional healthcare services.



OUTDOOR DESTINATION

Recovery Priority



Tier 2

The parks fared well during the Camp Fire, sustaining relatively minor damage. However, following the Camp Fire and during the COVID-19 Pandemic, the parks and public open spaces in Paradise and on the Ridge have served as a critical element of community infrastructure. Therefore, these outdoor destinations have been elevated from a Tier 2 priority status in the 2019 LTRP to a Tier 1.

Project Description

As rebuilding has continued, the Paradise Recreation and Parks District (PRPD) has pursued a rapid schedule for rebuilding community park spaces, growing their existing networks, and finding innovative ways to be involved in conversations around resilience and disaster preparedness.

PRPD has addressed several action steps from the 2019 Long-Term Recovery Plan, including:

- Proposing a fuels and landscape management task force and strike team for fuel reduction, invasive species reduction, and beautification (currently unfunded)
- Investing in enhancements to current PRPD parks and trails, including Bille Park, Oak Creek Park, Moore Road Park, and an extension of the Yellowstone Kelly Trail
- Assisting the Paradise Senior Center, now Paradise Community Center, on their continued rebuilding work

While the Parks Master Management Plan (PMMP) is currently stalled, there are aspirations to see each park on the Ridge with an interim management plan that identifies uses, manages vegetation, and strategically allocates funding and staff resources. The completion of this interim management plan has a much shorter anticipated

timeline for completion, while the PMMP awaits further development.

In addition, PRPD has focused on a series of new initiatives that have supported the town's continued recovery, rebuilding, and resilience work, including:

- Addressing future park design and improvements to incorporate refuge areas and fire-preparedness amenities
- Proposing a natural fire break around the Town of Paradise perimeter

Lead

Paradise Recreation and Parks District (PRPD)

Additional Action Steps

- Pursue funding to add staffing and management capacity
- Explore opportunities for state investment in local parks, so as to foster increased support and awareness
- Propose, construct, and maintain demonstration projects that explore wildfire risk reduction concepts
- Develop resiliency programs, in partnership with Chico State, to work with youth on nature and forestry awareness, guided nature therapy walks, and natural methods for stress relief
- Grow existing parks on the edges of the town to make space and necessary connections for the fire break project

Cost Estimate (Spent and Projected)

- Spent
 - \$8 million for workforce development and improvements to Oak Creek Park
 - \$1 million for Bille Park hazard tree removal

- Received
 - \$5.2 million for full-service new park - Lakebridge Park (Magalia)
 - \$600k for Magalia Paradise Lake Loop Trail
 - \$1.4 million for bike flow course, adventure play, ropes course, etc. at Bille Park
 - \$170k for improvements to Oake Creek Park (wild-land trailhead)
 - \$6 million for Noble Park (pursued but not received)
 - \$20k for Yellowstone Kelly Trail improvement study
- Anticipated
 - \$1.4 million (decision by 12/2022) for a new park in Butte Creek Canyon (will need a total of \$2.5 million)

Potential Resources

- FEMA
- Town of Paradise
- State of California
- Independent partnerships and grant opportunities

Return on Investment

Because of their importance as evacuation routes and areas of refuge during disasters, the Paradise Recreation and Parks District network of parks, trails, and open spaces are vital assets to safety and quality of life in Paradise. Investment in this network will result in an increased sense of security, while also providing a critical amenity for current and future Ridge residents.

Timeline (2022 and forward)

Timeline is determined on a project-by-project basis.



EARLY CHILDHOOD EDUCATION

Recovery Project Priority



Tier 2

The Early Childhood Education recovery project focuses on replacing the childhood education slots lost in the Camp Fire. The project has a Tier 2 priority related to helping support families and educational achievement in young children.

Project Description

Intended to replace the educational foundation for young children and family support that vanished in the Camp Fire, the restoration of early childhood education on the Ridge has faced some major roadblocks to completion since the 2019 report. As initially projected, over 1,000 slots of licensed capacity for early learning (or childhood education) and child care were lost in Paradise. Numbers for services, as developed post-Camp Fire, are as follows:

	2018 Pre Camp Fire	2018/2019 Post Camp Fire	2022 Child Care
Licensed Childcare Centers	6	3; 1 center in Paradise was able to reopen	3
Family Child Care Homes	32	6 standing after the fire, 3 stayed open	5; 2 of the 3 in Paradise still open
Family, Friend, and Neighbor Providers	62	Unknown	15
License Exempt Centers (i.e. Boys and Girls Club)	4	2	3

In 2018, a Child Care Task Force was established to address the urgent need for child care in the communities impacted by the Camp Fire. This group includes representatives from the Local Child Care Planning Council, Valley Oak Children's Services, Butte County Office of Education, Community Care Licensing, local school districts, parks departments, local colleges, and others. Outcomes from this group include conducting and analyzing the Local Child Care Planning Council County-Wide Needs Assessment, identifying the indirect impacts of the fire, and proposing services that can mitigate those effects.

Lead

- Butte County Office of Education
- Valley Oak Children's Services
- Office of Resource and Referral

Additional Action Steps

- Provide enhanced referral support by identifying families that would help fulfill specific needs for families and centers
- Create resource awareness for all scales of child care providers and services
- Identify disaster preparedness measures and develop protocols for trauma-informed care for students and staff
- Develop a formal system for tracking unlicensed childcare providers and sharing resources to become licensed
- Secure funding to reinstate and rebuild pre-Camp Fire facilities
- Create incentives and unlock partnerships to secure adequate staffing

Cost Estimate (Spent and Projected)

Cost to restore early childhood education services is on a project-by-project basis as new facilities open or previous facilities are reopened.

Potential Resources

- COVID and AARPA funding
- CA Development Infrastructure Grant — \$150 million available for major construction
- North Valley Community Foundation
- First 5 Butte — \$1 million committed for planning and creation of Family Resource Centers in disinvested communities
- Office of Resource and Referral
- Town of Paradise and Butte County

Return on Investment

As stated in the 2019 LTRIP, this return-on-investment for quality early childhood (0–5) education has been well documented. National studies show a 4x to 12x return per dollar invested in early childhood education.

In the long term, providing high-quality childhood education options for families leads to better health, educational attainment, jobs/careers, and future buying power.

In the short term, the availability of childhood education and childcare slots influences the ability of parents of young children to work, earn family income and raise incomes in the community. Quality early childhood education options are also a critical amenity that young families will evaluate before moving to Paradise, making investing in early childhood education a tool in attracting and marketing Paradise to future residents.

Timeline (2022 and forward)

10+ Years

PUBLIC TRANSPORTATION

Recovery Priority



Tier 3

The public transit system on the Ridge did not sustain physical damage in the fire and has returned to limited service based on the current population and demand. Priority for upgraded and additional public transportation will depend on rates-of-return to the Ridge and, therefore, will remain a Tier 3 priority.

Project Description

Although the public transportation system did not suffer physical damage from the Camp Fire, population displacement and uneven, disparate returns to the town have reduced routes and demand for transit service. While the 2019 LTRP indicated a need for transit service to return to pre-fire levels, a desire for expanded routes to better serve the community, and a proposal for bus shelters at major stops, these transit service improvements are not feasible for implementation at this time.

In order to establish realistic priorities, the Butte County Association of Governments (BCAG) conducted a Post Camp Fire Study in 2021 and will perform a ridership study in 2023. These studies look at the population in the county over the short-term and long-term to project potential points of demand increase and where additional services will be needed to respond to this demand. The results will inform the 2024 Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS) and other projects.

Butte Regional Transit (BRT) is open to providing additional services if met by demand, or explore alternative transit options to increase access on the Ridge. Programs BRT is exploring including:

- The Paradise Transit Center
- Paradise Dial-A-Ride (a non-fixed, door-to-door service between Paradise and downtown Chico)
- Non-Emergency Medical Transportation (Projected for study in early 2023, a new service to the Ridge a few days a week to improve access to doctors' visits, local pharmacies, etc.)

Lead

Butte Regional Transit

Partner

Town of Paradise

Additional Action Steps

- Continue to evaluate population return on the Ridge and match the public transit service options to this demand
- Further research and gauge interest in additional, proposed projects that may better serve the community

Cost Estimate (Spent and Projected)

Cost estimate on a project-by-project basis

Potential Resources

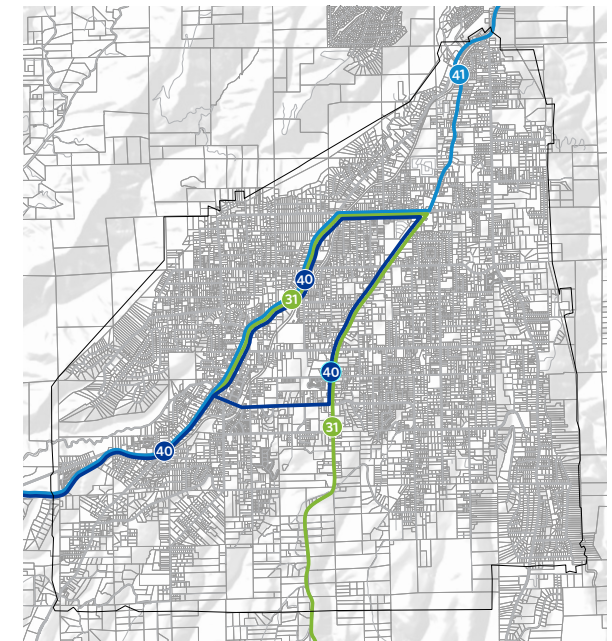
- Butte County Association of Governments (BCAG)
- Federal Transit Administration (FTA)
- State resources
- Town of Paradise

Return on Investment

As Paradise's population increases and transit service becomes more frequent, public transportation will serve residents who might not otherwise have mobility access to the services and amenities they need.

Timeline (2022 and forward)

Timeline to be determined once demand increases.



ARTS AND CULTURE ON THE RIDGE (Gold Nugget Museum And Norton Buffalo Hall)

Recovery Priority



Tier 3

The Gold Nugget Museum, Norton Buffalo Hall, and the expanded arts and culture hub adjacent to the future Downtown Paradise are a Tier 3 priority because they will provide a thriving arts and culture destination for Paradise as it continues to rebuild and recover, restoring hope and reminding residents and visitors alike of Paradise's uniqueness and strong community spirit.

Project Description

During the 2019 Long-Term Recovery Planning Process, the Gold Nugget Museum and Paradise Community Guilds – both corners of arts and culture in Paradise – were exploring a partnership to build a new Norton Buffalo Hall within a walkable downtown Paradise. This idea expanded in January 2019 to imagine a co-located Gold Nugget Museum and Norton Buffalo Hall. The goal of this partnership was to address the need for collective action in the face of losing audience and membership. Since then, efforts have expanded to envision a new arts and culture campus curated by the PATCH Collaborative, including space for Gold Nugget Museum, Paradise Arts Center, Theater on the Ridge, Norton Buffalo Hall, and outdoor amphitheater, Nuggetville, and the Gem and Mineral Society.

Gold Nugget Museum Update

The new home of the Gold Nugget Museum is located at 475-479 Pearson Road, across the street from the original building. The conversion of a former transmission shop,

the new Gold Nugget Museum, is pretty much complete with design and is continuing to be built out. However, in the meantime, the museum is open to the public and has already seen over 3,000 visitors. The first exhibit at the museum to open featured the PG&E equipment that failed on the morning of November 8, 2018, leading to the Camp Fire, the genesis of a wide range of feelings and emotions from all visitors. The Gold Nugget Museum continues to be the keeper of culture and commemoration in the town. Its full build-out will provide residents and visitors the opportunity to learn of the Paradise of the past and the Paradise to come.

The PATCH Collaborative Update

The Paradise Arts, Theater, and Culture Hub, otherwise known as the PATCH Collaborative, is a collective of arts and culture organizations dedicated to establishing a thriving arts and culture campus in close proximity to the future

downtown Paradise. The PATCH Collaborative includes the following organizations: Gold Nugget Museum, Norton Buffalo Hall, Theater on the Ridge, Paradise Arts Center, Paradise Recreation and Parks District, and Mechoopda Tribal Council. Exploration and development are underway to identify property adjacent to currently owned land that would total 8-9 acres for the campus.

Lead

- Gold Nugget Museum
- PATCH Collaborative Board

Partners

- Paradise Recreation and Parks District
- Regenerating Paradise





ARTS AND CULTURE ON THE RIDGE, CONT. (Gold Nugget Museum And Norton Buffalo Hall)



Melton Design Group



Melton Design Group

Additional Action Steps

Gold Nugget Museum

- Complete construction on the Gold Nugget Museum, and continue retrofitting the future exhibition space to provide increased educational opportunities and exhibits to the public

The PATCH Collaborative

- Continue conversations with Paradise Recreation and Parks District about the land where the previous Gold Nugget Museum was located for its use as a potential home for Paradise Arts Center, Theater on the Ridge, outdoor amphitheater, and Norton Buffalo Hall
- Complete due diligence on all adjacent property and potential sites for acquisition
- Acquire property
- Generate a development plan for the future arts and culture campus that all partners agree on

- Promote and execute a \$25 million capital campaign

Cost Estimate (Spent and Projected)

Gold Nugget Museum

- \$214k grant from the North Valley Community Foundation
- A grant from Paradise Rotary Club for Gold Nugget Museum office space

The PATCH Collaborative

- \$50k grant for administrator/assistant position
- \$25 million capital fundraising campaign
- Seek additional funding opportunities for potential property acquisition and supplemental build-out support

Potential Resources

- USDA Rural Communities grants

- North Valley Community Foundation

- Paradise Rotary Club

Return on Investment

The Gold Nugget Museum and Norton Buffalo Hall promote a thriving civic spirit, encouraging Paradise's future as an arts and culture destination. With the expanded vision from the PATCH Collaborative, access to arts and culture amenities will be expanded and both residents and visitors to the Town of Paradise will be able to experience the magnitude of this community's joy and resilience.

Timeline (2022 and forward)

5 to 10 years

BLUE ZONES

Recovery Priority



Tier 3

Blue Zones is a policy and design framework that could help represent and promote Paradise's overall health as the town continues to recover and rebuild. Achieving a formal Blue Zones Community certification is a Tier 3 priority; however, the individual framework elements which support this certification are prioritized in other recovery projects.

Project Description

Paradise should seek to achieve certification as a Blue Zones community in the future, leveraging the work that has already been done and will be done in the collective recovery effort.

Blue Zones began in a quest to find environmental causes and commonalities between communities that statistically have populations with longer lifespans, low rates of disease, healthier lifestyles, etc. This initial research was condensed into a rubric and framework approach that communities can utilize to achieve Blue Zones certification.

The application of this methodology for Paradise is unique. The Blue Zones framework was not designed for disaster recovery, and teams of local organizations are already working in Paradise to impact wellness, support longevity, and promote sustainability through a variety of independent projects and initiatives. As a result, the objective of Blue Zones as a recovery project is to emphasize the Blue Zones model as a leading thought initiative that individual organizations can consider when executing individual projects and efforts.

Lead

Adventist Health's Feather River Health Foundation

Partner

- Local organizations and interested individuals
- Paradise Citizen's Alliance
- Rebuild Paradise Foundation
- Town of Paradise

Action Steps

- Use principles from the Blue Zones framework to help guide healthier rebuilding on a project-by-project basis
- Prioritize walking and biking via road improvements and trails
- Create gathering spaces to nurture community
- Design homes that promote health and resiliency
- Establish collaborative conversations and volunteer opportunities between interested individuals and organizations doing recovery work on the Ridge, so as to understand how the collective community effort could be framed as a Blue Zones community in the future

Potential Resources

- Adventist Health
- Volunteer organizations

Timeline

Achieving a Blue Zones community certification is typically a five-year process; however, the uniqueness of Paradise's recovery effort and future pursuit of certification will determine the timeline.

ADDED



RP55



Parallel Initiatives



PARALLEL INITIATIVES

Rebuilding is a group effort; multiple organizations doing great work creates a stronger support system.

In the years since the Camp Fire, hundreds of residents, organizations, and local businesses have volunteered time, money, and support in the name of Paradise's recovery. The 2019 report was intended to help guide these efforts, make connections between related initiatives, and look farther into the future. The resulting Long-Term Recovery Plan (LTRP) was therefore very comprehensive. However, the sheer magnitude of rebuilding, market unpredictability, and many other external factors spawned many other initiatives that have run parallel to the original recovery projects. Although not necessarily associated with the original 2019 report, these projects have fulfilled many short-term needs.

This chapter contains many, but not all, of the parallel initiatives that are in varying stages of completion. While some have been incorporated into new or updated recovery projects, the following projects are independently successful and likely do not require the support of this document. Rather, this chapter is intended to acknowledge and celebrate the many achievements of Paradise's strong community network.

Some of the organizations that are engaged in parallel initiatives that have aided in Paradise's long-term recovery include:

- Habitat for Humanity
- Wells Fargo
- Theatre on the Ridge
- Valley Contractors Exchange
- Hope Plaza
- Camp Fire Collaborative
- Butte County Local Food Network
- Paradise Performing Arts Center
- Paradise Alliance Church
- Youth on the Ridge Community Foundation
- Paradise Stronger
- Community Housing Improvement Program (CHIP)
- 3CORE
- North Valley Community Foundation
- Construction Training Center

Thanks to Paradise Citizens Alliance for organizing and compiling many of the following updates.

HABITAT FOR HUMANITY

Project Description

With the intent to serve Camp Fire survivors who want to return to Paradise but may not have all the resources necessary to build back on their own, Habitat for Humanity of Butte County has hugely impacted Paradise's affordable housing stock.

Habitat expects to remain focused on rebuilding efforts in Paradise for the next 20 years at the current rate. Partnered with Trilogy Construction, the increased rate of construction has helped bring many residents back. Currently, the organization controls 19 properties in various stages of production:

- Summer 2022
 - Entering production on ten homes
 - Construction to be completed on five homes
- Fall 2022
 - Entering production on two homes
 - Construction to be completed on one home

The typical timeline for each home is less than six months from Habitat's acquisition of the lot to move-in day. Two or three months before construction is completed, a family is matched to the home based on their ability to pay the mortgage and provide a down payment. The family is required to invest 250 sweat equity hours that can be achieved by assisting with construction and/or participating in community events, embedding them into the caring and resourceful Paradise community.

Obstacles

A few obstacles remain that hinder Habitat's ability to achieve its ambitious goals. Primarily, the organization needs more help to find and access government funding sources that help push home-building forward.

The enhanced speed of construction, thanks to the new partnership with Trilogy Construction, is a double-edged sword; instead of the traditional 4 to 5 months of construction, building time has been reduced to 2 to 3 months. While this increase in productivity is commendable, it also decreases the amount of time the organization has to match a family with the home and the window of time that the family has to meet the 250-hour volunteer requirement. Making this matching process more efficient is a priority moving forward.

Immediately after the Camp Fire, volunteers worldwide traveled to Paradise to help relieve pressure and rebuild. Those first responders have since moved on, but because the local workforce is still undersized for the demand, outside volunteer groups could still greatly impact rebuilding for Paradise residents with the greatest needs. However, outside volunteer groups require lots of infrastructure and housing that still does not exist locally.

Timeline

Approximately 20 years



Blue Flamingo

Local construction workers and volunteers assist in homebuilding.



Blue Flamingo

Increasing the amount of affordable housing stock in Paradise is Habitat's primary goal.

WELLS FARGO

Project Description

Intending to educate community members about funding opportunities for rebuilding, the Paradise Wells Fargo team has helped bring down financial barriers to rebuilding. Understanding customers' short-term and long-term goals allow the team to identify appropriate strategies for families' financial needs.

Timeline

Ongoing



THEATRE ON THE RIDGE

Project Description

Now celebrating its 47th year, Theatre on the Ridge offers the best in local talent through the performing arts. Since the Camp Fire, theater has returned to a challenging environment due to the COVID-19 Pandemic and continues to prioritize the safety and health of its staff, volunteers, and visitors. Despite this challenge, more than five shows have run since 2019.

Community volunteers and staff have been highly involved in rebuilding, maintaining, and beautifying the Theatre's facilities since the fire and will continue to enhance the premises indefinitely. The Theatre is committed to providing a vitally important piece of community and arts appreciation in Paradise in perpetuity.

Timeline

Ongoing



Instagram: drivish

Marquee announces new shows.



Theater on the Ridge

Seating at the Theater on the Ridge



Keller Williams Chico

Artwork on the outside of the theater

VALLEY CONTRACTORS EXCHANGE (VCE)

Project Description

VCE is a group of contractors, developers, and construction professionals that are dedicated to the growth and prosperity of the local construction industry. VCE is a key player in assisting Paradise residents rebuild.

Multiple projects are in progress:

- Hands On Tools Mobile Construction Training
 - Mobile classroom with tool storage
 - Run by volunteer construction industry professionals
 - Focus on training young people in concrete finishing, mechanical (HVAC), electrical, and plumbing
 - Provides industry-recognized 80-hour NCCER CORE curriculum basic construction training
- Chico High Tiny Home Build for Bear Fire Survivor
 - VCE leads a group of Chico High School students in a Design Build Competition in Sacramento hosted by the Construction Industry Education Foundation (CIEF)
 - Provides education on Wildland Urban Interface (WUI) compliancy
- Chocolate Fest
 - VCE members assist local youth from Ridgeview and Paradise High School in a youth playhouse blitz build

Although primarily an support association for industry professionals, VCE is intended to be more than “a place for plans,” with a focus on community outreach, education, and business enhancement.

Timeline

Ongoing



Garden box blitz build with Ridgeview Rangers



Playhouse build at Chocolate Fest

HOPE PLAZA

Project Description

Intended as a gift to the Ridge community, Hope Plaza is a memorial of the Camp Fire tragedy as well as a show of gratitude for the lifesaving efforts of first responders.

Hope Plaza will be located at 6148 Skyway Drive, on the corner of Skyway and Foster on a lot known as the "triangle." This location serves as a gateway to the new downtown area.

Funded entirely through private donations and with the assistance of local pro-bono construction professionals, Hope Plaza is still fundraising. More than \$233,000 has been raised to date. Construction is set to begin in May 2022.

Obstacles

Funding is ongoing. The original cost estimate of \$1.5 million was significantly reduced thanks to the pro-bono work of local contractors, but more sponsorship will help see the project to the finish line.

Timeline

1 to 2 years



Conceptual rendering of Hope Plaza



Conceptual rendering of Hope Plaza



Conceptual rendering of Hope Plaza

CAMP FIRE COLLABORATIVE

Project Description

The Camp Fire Collaborative (CFC) is a collection of over 50 nonprofit, private, and public organizations working to address the unmet needs of Camp Fire survivors outside of federal and state assistance. Since the fire, the CFC coordinated up to 11 Disaster Case Management (DCM) agencies with 100 case managers, contacting 8,000 households and opening more than 5,000 cases. Today, the CFC facilitates 5 DCM agencies with 36 case managers who manage 426 cases. The CFC anticipates the need to assist in another 1,000 cases over the next two years.

The CFC holds a weekly Simple Unmet Needs Roundtable (UMNRT) where DCMs present vetted cases requesting material assistance up to \$15,000. To date, through multiple funding partners, the UMNRT has funded 1,400 cases to a total of \$3.6 million. Additionally, CFC engages with the volunteer rebuild organizational partners to continue the focus of their efforts for Camp Fire survivors.

The CFC opened their new offices at 6241 Skyway in Paradise on August 5, 2022.

Obstacles

The CFC is relocating its office to the Ridge and is searching for a new location.

Timeline

Ongoing



Camp Fire Collaborative engagement at local Paradise events

BUTTE COUNTY LOCAL FOOD NETWORK

Project Description

Founded on the idea that local food systems are critical in feeding healthy, growing communities, the Butte County Local Food Network has multiple projects in progress.

- Farmers Marketmobile
 - Every Sunday at Magalia Community Center, healthy, fresh food is available for purchase
 - Creates a link between farmers and communities that supports the health and economy of both
 - Offers an “Angel Program” for those still recovering from the financial impact of the Camp Fire
- The Garden BLITZ
 - Community members can purchase or apply to win a package that includes a raised bed box, plants, and other materials needed to install a garden
 - “Garden Raising” event with volunteers to assist in the construction of garden beds in community members’ backyards
- Local Food Assessment
 - Thanks to donations, a study was conducted on Butte County’s food system to help guide decision-making on further projects.

Timeline

Ongoing



Farmers Marketmobile at Magalia Community Center



Tiny Free Library stocked with free food



Garden Blitz

PARADISE PERFORMING ARTS CENTER

Project Description

Founded to provide a community performance space, the Paradise Performing Arts Center hosts the Northern California Ballet, Paradise Community Chorus, Paradise Community Band, and the Paradise Symphony Orchestra. Thanks to donations from the North Valley Community Foundation, facility upgrades including stage floor repair, painting, carpeting, and lighting have been the latest focus. The schedule of 2022 events is full of community and holiday performances, including Paradise Stronger and KZFR.

Timeline

Ongoing



Paradise Performing Arts Center

Improvements to the stage and lighting improve the experience.



The Orion

Camp Fire memorial event



Paradise Performing Arts Center

Lobby improvements

PARADISE ALLIANCE CHURCH

Project Description

With a focus on community-building events, the Paradise Alliance Church continues to support Paradise residents throughout the rebuilding process.

Current events and support programs include:

- Thursday Night Community Dinners
- Samaritan's Purse home partnership and assistance program
- FRAP's fuel reduction and tree removal programs
- Personal and financial assistance for Camp Fire survivors
- Propane assistance for residents living in trailers
- New home celebration gifts
- Faith-based outreaches for all age groups.

Timeline

Ongoing



Volunteers helping clean wildfire impacted areas



Church events are held in the gym facility

YOUTH ON THE RIDGE COMMUNITY FOUNDATION

Project Description

Dedicated to the support of non-profit organizations that provide educational, enrichment, recreational, and leadership opportunities for youth in Paradise, the foundation raises vital funds and awareness through the annual Paradise Chocolate Fest.

Current beneficiaries of the Youth of the Ridge Community Foundation include:

- Achieve Charter School
- Boy Scouts Troop 316
- Children's Community Charter School
- Cub Scouts Troop 316
- Girl Scouts
- Gold Nugget Museum
- Mindful Littles
- Northern California Ballet
- Paradise Friends of the Library
- Paradise High School Football
- Paradise High School Woodshop
- Paradise Host Lions Club
- Paradise Piranhas Swim Team
- Paradise Recreation & Park District
- Paradise Rotary Interact
- Paradise Stronger
- Paradise Veterans Memorial Hall/American Legion
- Rainbow Girls & Ridgeview Rangers

Timeline

Ongoing



Paradise Chocolate Fest fundraising event



Paradise Chocolate Fest fundraising event

PARADISE STRONGER

Project Description

Paradise Stronger is an organization invested in the wellness of the residents on the ridge, offering functional fitness classes for all ages and abilities including seniors, disabled adults, and troubled teens at the Skyway facility.

Paradise Stronger is very active in the community through events including:

- Green Paradise Garden collaboration to complete a community teaching garden to be used for gardening, nutrition, and cooking classes
- Paradise Recreation & Parks District partnership to form the Ridge Hiking Association to lead monthly community hikes in and around Butte County
- Adventist Health collaboration to host monthly “Walk with a Doc” wellness education events
- A Simple Gesture relaunch that provides food for local pantries on the ridge
- Chocolate Chase and Phoenix 5K

Timeline

Ongoing



Wellness education and events



Workout area

COMMUNITY HOUSING IMPROVEMENT PROGRAM (CHIP)

Project Description

Following the rebuilding of Paradise Community Village, CHIP is proud to announce the expansion of a mutual self-help housing program in Paradise. Current Paradise lot-owners who lost their home in the Camp Fire and would like to partner with CHIP to rebuild may be eligible. CHIP is also currently involved with a few additional multi-family projects in the town, along with a mobile home park they have purchased for redevelopment.

Timeline

5 to 10 years



Rebuilt Paradise Community Village



Rebuilt Paradise Community Village

CONSTRUCTION TRAINING CENTER

Project Description

Hands On Tools is a mobile construction training program hosted by the Valley Contractors Exchange with the intent to train the potential workforce in basic construction skills and safety while repairing or building community projects, assisting volunteer build organizations, or for people in need that have been impacted by the Camp Fire. The Hands on Tools Mobile Construction Training (MCT) program has a four-pronged approach to recruiting and upskilling the construction workforce:

- Introduction to construction: providing training and mentorship to youth to empower, engage, and employ them in well paying, upwardly mobile construction jobs
- Mobile Construction Training: providing basic construction safety and skills training, while assisting with community projects or volunteer build organizations
- Mobile UpSkill Training: providing upskilling in trades based on locally identified industry needs
- Construction Industry Safety Training: as required by CalOSHA

To date, the Mobile Construction Training program has introduced construction as a career choice to over 900 students in Butte and Glen Counties. The Valley Contractors Exchange will continue to pursue funding opportunities as the program continues to grow and thrive.

Timeline

Ongoing



Garden Box Blitz with Ridgeview Rangers

Photo provided by Valley Contractors Exchange



Epic cornhole build for Paradise Recreation and Parks District

Photo provided by Valley Contractors Exchange



Garden Box Blitz with Ridgeview Rangers

Photo provided by Valley Contractors Exchange

NORTH VALLEY COMMUNITY FOUNDATION

Project Description

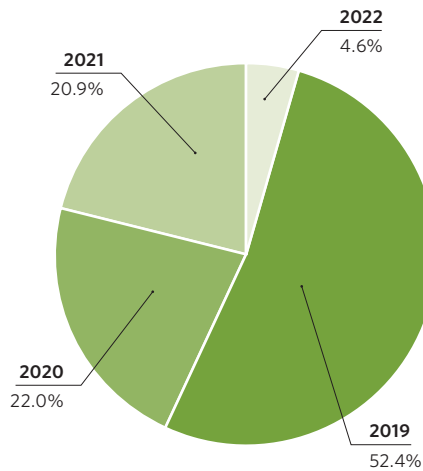
The North Valley Community Foundation has served as a key funder of recovery efforts since the 2018 Camp Fire. On the pages to follow, please find grants in support of projects, both in the Town of Paradise and throughout the Ridge above \$50,000. Several additional grants, valued individually at \$50,000 or less are not represented.

Timeline

Ongoing

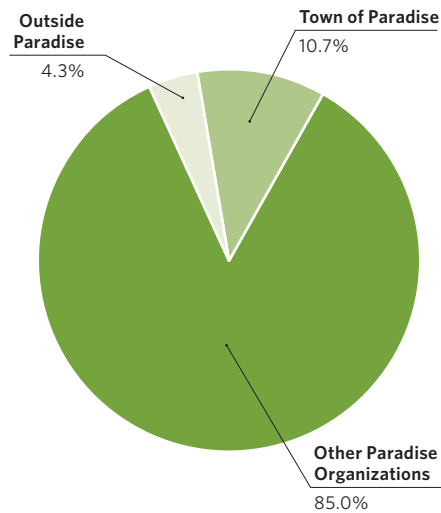
GRANTS AWARDED BY YEAR

YEAR	AWARDED
2019	\$16,878,520
2020	\$7,077,715
2021	\$6,741,074
2022	\$1,485,778
TOTAL	\$32,183,087



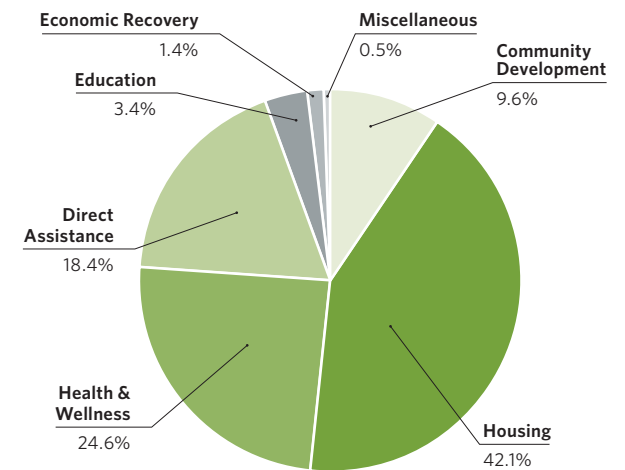
GRANTS AWARDED BY DIVISION

DIVISION	AWARDED
Town of Paradise	\$3,417,758
Other Paradise Organizations	\$27,367,991
Outside Paradise	\$1,397,338



GRANTS AWARDED BY CATEGORY

YEAR	AWARDED
Community Development	\$2,894,403
Housing	\$12,701,357
Health & Wellness	\$7,409,177
Direct Assistance	\$5,535,642
Education	\$1,019,147
Miscellaneous	\$152,961
Economic Recovery	\$426,000
TOTAL	\$30,138,687



GRANTS MADE TO TOWN OF PARADISE

YEAR	GRANTEE	PROJECT	CATEGORY	AWARD
2020	Town of Paradise	Rebuild Incentive Program 2020	Housing	(\$ 1,000,000)
2019	Town of Paradise	Rebuild Incentive Program	Housing	(\$ 1,000,000)
2019	Town of Paradise	Paradise Town Planning	Community Development	(\$ 488,500)
2019	Town of Paradise	Building Resiliency Center	Housing	(\$ 346,953)
2020	Town of Paradise	Grants Administrator Position	Community Development	(\$ 226,883)
2019	Town of Paradise	Communications & Public Relations	Community Development	(\$ 102,215)
2019	Town of Paradise	Camp Fire Anniversary Remembrance Events	Health & Wellness	(\$ 50,000)
2020	Town of Paradise	Broadband Feasibility Study	Community Development	(\$ 50,000)
2020	Town of Paradise	Town of Paradise Recovery Comms.	Housing	(\$ 50,000)
2020	Paradise Police Department	Town of Paradise Radio System Rebuild	Community Development	(\$ 48,690)
2019	Town of Paradise	Paradise Road Assessment	Community Development	(\$ 24,500)
2020	Town of Paradise	Piters Wanted: An Econ. Dvlpmt. Video for the ToP	Community Development	(\$ 15,017)
2019	Town of Paradise — VIPs	Volunteers in Police Service	Community Development	(\$ 15,000)

GRANTS MADE TO OTHER ORGANIZATIONS BENEFITING PARADISE/MAGALIA RIDGE

YEAR	GRANTEE	PROJECT	CATEGORY	AWARD
2019	Butte County Office of Education	Trauma Response & Recovery	Health & Wellness	(\$ 1,861,270)
2019	Youth for Change	Direct Assistance/Unmet Needs	Direct Assistance	(\$ 1,271,000)
2019	Butte County Sheriff's Posse	Butte County First Responders Wellness Program	Health & Wellness	(\$ 1,000,000)
2019	NVCF - Workforce Housing	Temporary Workforce Housing	Housing	(\$ 1,000,000)
2019	Youth For Change	Emergency Financial Assistance	Direct Assistance	(\$ 1,000,000)
2019	Youth for Change/ Butte County	Emergency Financial Assistance	Direct Assistance	(\$ 1,000,000)
2021	Habitat for Humanity Butte County	6 to 10 Homes Project	Housing	(\$ 903,511)
2020	Rebuild Paradise	Septic Infrastructure Grant	Housing	(\$ 875,000)
2019	3 CORE	Business Assistance Fund	Economic Recovery	(\$ 750,000)
2021	Community Housing Improvement Program (CHIP)	Paradise Ridge Expansion Capacity Building and Construction	Housing	(\$ 649,500)
2022	Camp Fire Collaborative	Camp Fire Collaborative Community Integration and Operations	Housing	(\$ 501,948)
2019	Butte County	Rebuild Incentive Program	Housing	(\$ 500,000)
2019	Butte County Fire Safe Council	Harvestable Timber	Housing	(\$ 500,000)

YEAR	GRANTEE	PROJECT	CATEGORY	AWARD
2021	Chico Housing Action Team	Camp Fire Housing Access Model Program	Housing	(\$ 500,000)
2021	Habitat for Humanity Butte County	Paradise Project Lots for Homes	Housing	(\$ 500,000)
2019	Camp Fire Collaborative	Community Resource Specialists	Direct Assistance	(\$ 450,000)
2022	PUSD	Secure Current Fire Crisis Counseling Positions for the 2022-23 and 2023-24 School Years	Health & Wellness	(\$ 425,000)
2019	3 CORE	Business Assistance Loan Fund	Economic Recovery	(\$ 400,000)
2021	Jesus Center	Renewal Center Shelter Program	Health & Wellness	(\$ 382,500)
2021	Jesus Center	Renewal Center Shelter Program	Housing	(\$ 382,500)
2020	Butte County Office of Education	Trauma Response and Recovery	Education	(\$ 358,142)
2021	Valley Contractors Exchange	Mobile Training Force grant for X	Economic Recovery	(\$ 326,000)
2020	City of Chico	Grants/Projects Program Manager	Community Development	(\$ 318,610)
2019	Butte County Mosquito & Vector Control District	Emergency Abatement Project	Health & Wellness	(\$ 310,434)
2021	Butte County Office of Education	Butte County Office of Education Camp Fire Trauma Response and Recovery (TRR)	Health & Wellness	(\$ 295,014)
2019	Help Central, Inc	Butte 211	Direct Assistance	(\$ 288,419)
2020	Butte County	County Program Development Manager Position	Community Development	(\$ 282,800)
2019	Community Housing Improvement Program (CHIP)	Housing Development Programs	Housing	(\$ 280,000)
2019	Butte College Foundation	Skilled Workforce	Education	(\$ 268,400)
2019	Butte County Dept of Develop. Services	Upper Ridge Community Plan	Community Development	(\$ 250,000)
2020	Habitat for Humanity Butte County	Sustaining Growth	Housing	(\$ 250,000)
2020	Honey Run Covered Bridge Association	Honey Run Covered Bridge Rebuild, Phase 1	Community Development	(\$ 250,000)
2021	Hope Crisis Response Network, Inc	VROC — Rebuilding Homes, Restoring Lives	Housing	(\$ 250,000)
2020	Paradise Alliance Church (VROC)	Rebuild Butte County Volunteer Housing	Housing	(\$ 250,000)
2021	Rebuild Paradise Foundation	The Missing Middle Building Assistance Grant	Housing	(\$ 250,000)

YEAR	GRANTEE	PROJECT	CATEGORY	AWARD
2019	Butte County Office of Education	Child Trauma Reduction	Health & Wellness	(\$ 232,000)
2020	Oroville Hope Center	Disaster Relief Division	Direct Assistance	(\$ 218,493)
2020	Gold Nugget Days Inc.	Rebuild Former Site	Community Development	(\$ 214,000)
2019	United Policyholders	Roadmap to Recovery	Housing	(\$ 203,767)
2019	California Vocations, Inc.	Stable, Affordable Housing for Adults with Developmental Disabilities	Housing	(\$ 199,200)
2019	California Vocations, Inc.	Housing for Adults with Disabilities	Housing	(\$ 159,250)
2019	United Way of Northern California	SHOP	Housing	(\$ 156,731)
2019	Butte County	Housing Manager Housing	(\$ 155,000)	
2021	Butte-Glenn Community College District	Short-Term Construction Workforce Training Program	Education	(\$ 151,531)
2021	Inspire Hope	Feather River Health Foundation	Health & Wellness	(\$ 150,000)
2020	Paradise Adventist Church	Camp Fire Shed Project 2020	Housing	(\$ 150,000)
2020	Paradise Recreation and Park District	Plng. and Dvlpmt. Funding to Build a Safer, Healthier Rdg.	Community Development	(\$ 150,000)
2020	Rebuild Paradise Foundation	Hope Plaza	Community Development	(\$ 150,000)
2021	New Beginnings Housing Foundation	Safe Affordable Housing for Adults with Developmental Disabilities	Housing	(\$ 131,000)
2019	Magalia Community Church	Labor for Six months	Direct Assistance	(\$ 102,101)
2019	3 CORE	Economic Impact Analysis	Economic Recovery	(\$ 100,000)
2020	GRID Alternatives	Camp Fire Energy Equity Project	Housing	(\$ 100,000)
2022	Rebuild Paradise Foundation:	Hope Plaza 2022	Community Development	(\$ 100,000)
2019	NVCF - Transportation Fund	Transportation- Bus Passses	Direct Assistance	(\$ 87,062)
2021	Butte County Local Food Network	Farmers Marketmobile	Health & Wellness	(\$ 60,000)



Appendix



ONLINE SURVEY

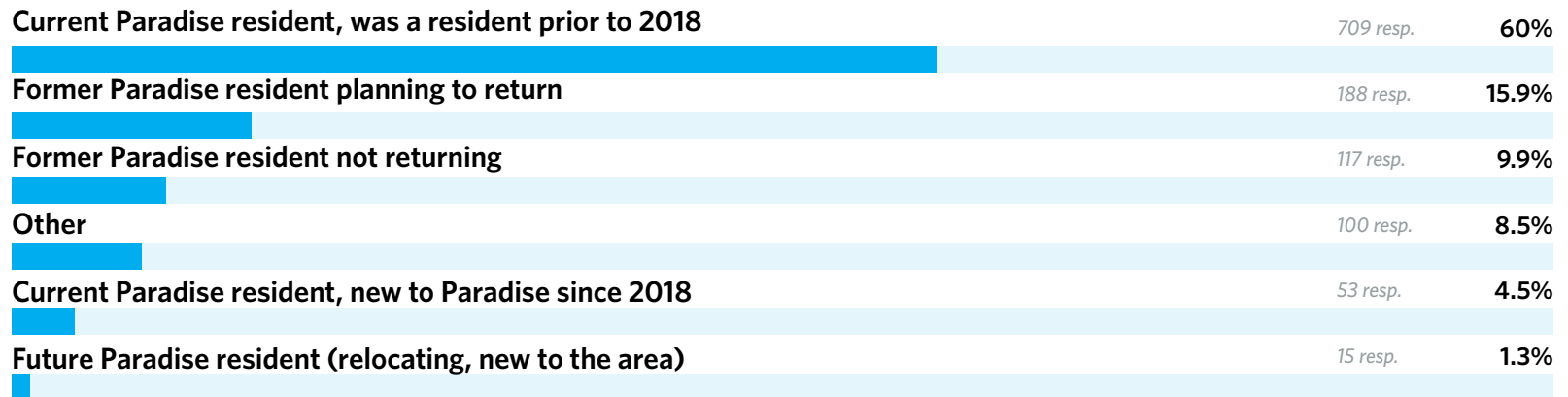
Resident feedback regarding on-going projects and changing needs in the community.

To gather feedback on the current state of progress and the general reception of the recovery projects first outlined in 2019, Paradise residents were asked to complete an online survey. The questions on this survey covered a wide range of topics, including all five categories of recovery projects (Safer, Welcoming, Stronger, Better, and Greener), as well as some administrative and engagement questions to gauge the effectiveness of community outreach methods.

The residents' answers to these questions guided the development of the new and in-progress recovery projects. The following pages reference all the responses to these questions received via the online survey.

1. Hello. Please tell us about yourself:

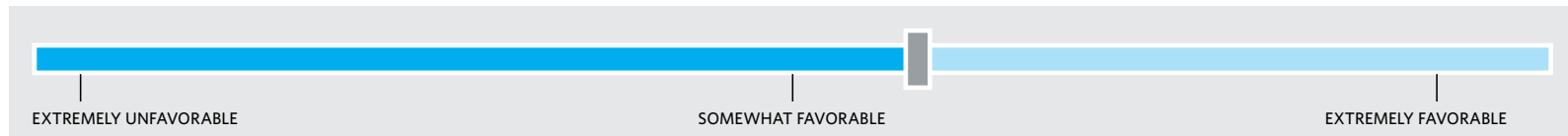
1182 out of 1182 answered



2. What's your view on how rebuilding is going?

1157 out of 1182 answered

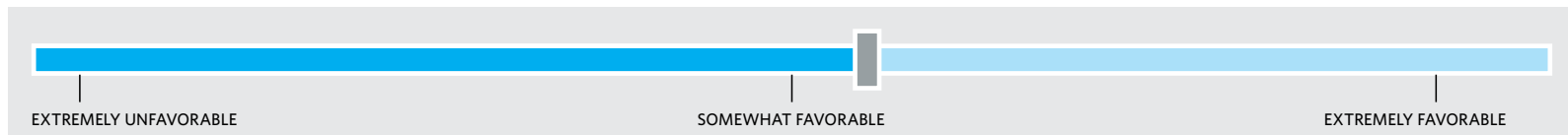
5.8 Average Rating



3. Is the pace of rebuilding adequate?

1145 out of 1182 answered

5.5 Average Rating



4. What are your top priorities?

1151 out of 1182 answered



BETTER



WELCOMING

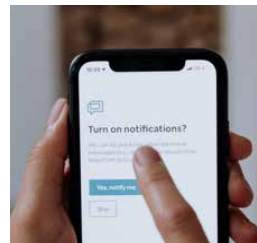


SAFER



Road repairs

878 resp. 76.3%



Emergency notification system

566 resp. 49.2%



Sewer system

374 resp. 32.5%



Additional healthcare services

658 resp. 57.2%



Affordability of housing

415 resp. 36.1%



Availability of housing

245 resp. 21.3%



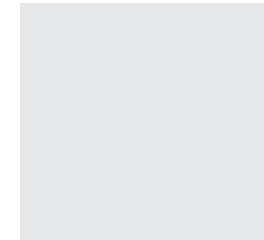
Reducing wildfire risk

613 resp. 53.3%



Building single-family homes

389 resp. 33.8%



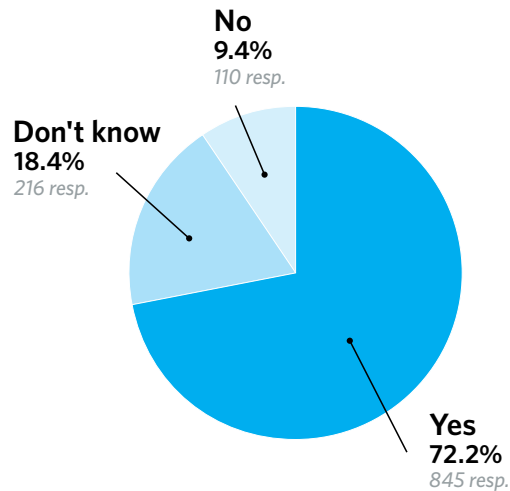
Other

21 resp. 1.8%

5. The Town holds quarterly update meetings on the recovery process that are in person and broadcast on the internet.

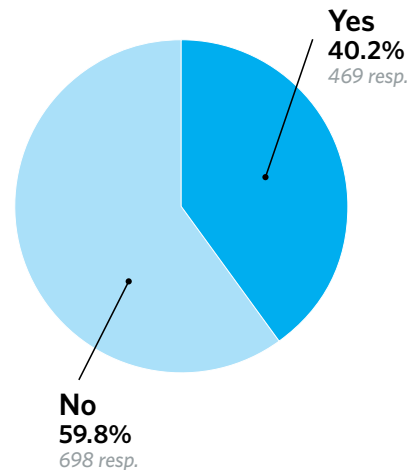
a. Do you see these updates as valuable?

1171 out of 1182 answered



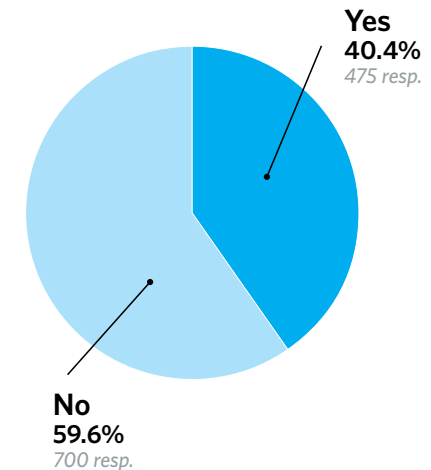
b. Have you participated in these quarterly updates?

1167 out of 1182 answered



c. Would you prefer additional methods of communication?

1175 out of 1182 answered



5d. If YES, what additional methods of communication would you like to receive?

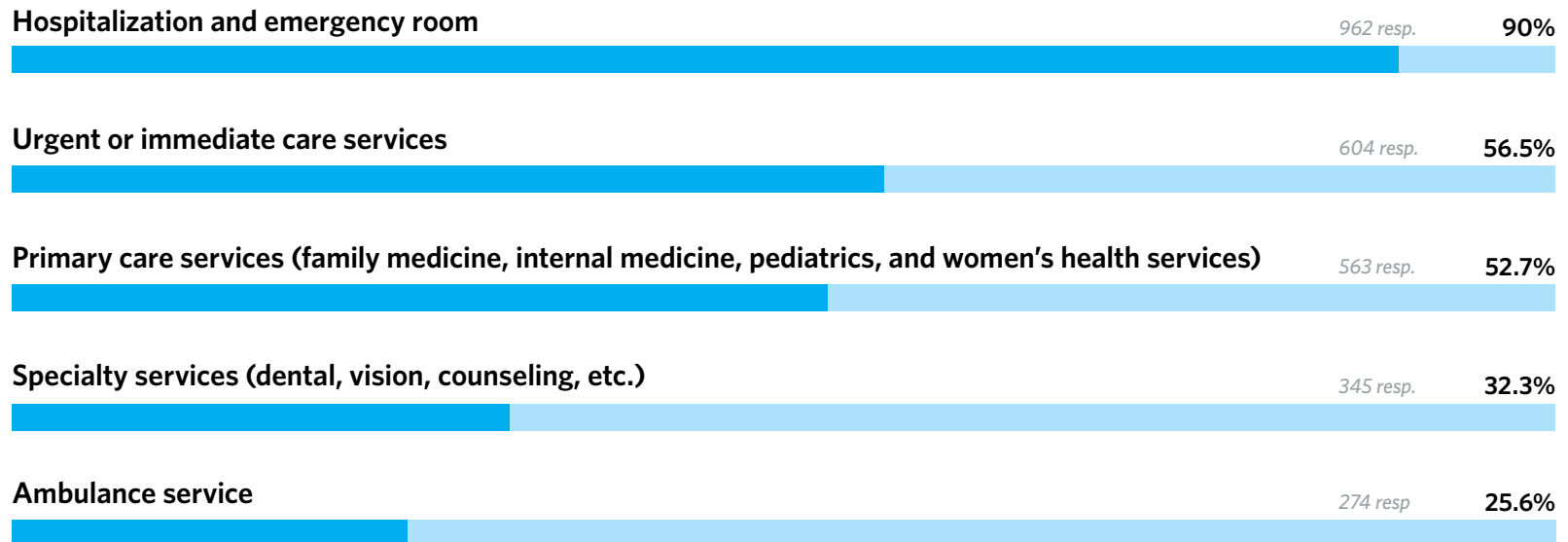


A word cloud of communication methods. The words are arranged in a roughly circular shape, with 'Email' and 'Mailed Newsletter' being the largest and most prominent. Other words include 'Text', 'Blog', 'Open Idea Share Section on Website', 'Bulleted Summary/Written Meeting Re-Cap', 'In-Person Meetings', 'Facebook', 'Engaging Social Media', 'Local newspaper', 'Bulletin on TV/Local News', and 'Online Forum and Assistance'.

Bulletin on TV/Local News
Online Forum and Assistance Text Blog
Open Idea Share Section on Website
Bulleted Summary/Written Meeting Re-Cap
In-Person Meetings Email Facebook
Mailed Newsletter
Engaging Social Media
Local newspaper

6. What are some of the unmet healthcare needs of current residents?

1069 out of 1182 answered



7. Are there any additional recovery projects that you would like to see the Town of Paradise consider?



SAFER

- Fire Break
- Prioritizing Road Reconstruction
- Firesafe Home Improvements



WELCOMING

- Contractor Accountability
- New Insurance Alternatives
- Support for First-Time Home Buyers
- Focus on Attainable and Workforce Housing
- Manufactured Home Communities



STRONGER

- Support for Mom and Pop Businesses



BETTER

- Blue Zones
- All Scales of Healthcare



GREENER

- Beautification
- Walkability and Bikeability

8. What do you miss from your memories of Paradise that will be difficult to be recreated?



LONG-TERM COMMUNITY RECOVERY PLAN UPDATE / PARADISE, CALIFORNIA / 27 APRIL 2022

URBAN DESIGN ASSOCIATES

9. Hazard trees have been a threat to rebuilding and public safety. In response, the Town secured funding for a series of tree removal programs. Do you feel hazardous trees are still a threat and potentially a fire hazard?



1177 out of 1182 answered



10. As part of evacuation route improvements, the Town is prioritizing restriping Skyway (fall 2022) in the downtown area to add a downhill lane. Do you feel this will make Paradise safer?



1174 out of 1182 answered



11. The Town has completed a comprehensive study of street fixes to improve evacuation routes, add missing road segments, and connect long dead-end streets. **With Skyway between Pearson and Elliott being addressed in 2022, please rank these major projects in the order of priority with #1 being the most important.**

1039 out of 1182 answered

- 1.** Upper Clark Widening (Clark to Skyway)
- 2.** Upper Skyway Widening (Bille to Pentz)
- 3.** Roe Road Extension (Scottwood to Clark)
- 4.** Roe Road Extension (Clark to Pentz)

- 5.** Elliott Road Extension to Pentz
- 6.** Pentz Road Widening (Town Limits to Skyway)
- 7.** Neal Road Widening (Skyway to Town Limits)
- 8.** Pearson Road Widening (Pentz to Clark)



12. The Town also studied adding an interconnected path system adjacent to primary streets for daily use by pedestrians/cyclists and crisis use by emergency vehicles. Will you use this network for walking and biking?



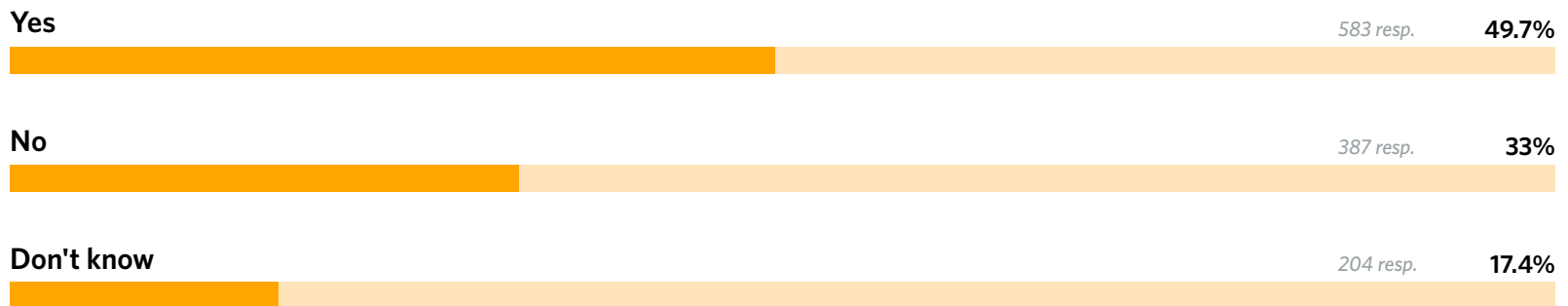
1179 out of 1182 answered



13. The Town has taken an aggressive approach to lot maintenance as part of their fuels management plan, including regular inspections, letters, and fines. Do you feel enforcement efforts are adequate?



1174 out of 1182 answered



14. Would you support the Paradise Recreation and Parks District (PRPD) acquiring more open space in strategic locations throughout the town to reduce wildfire risk?



1165 out of 1182 answered

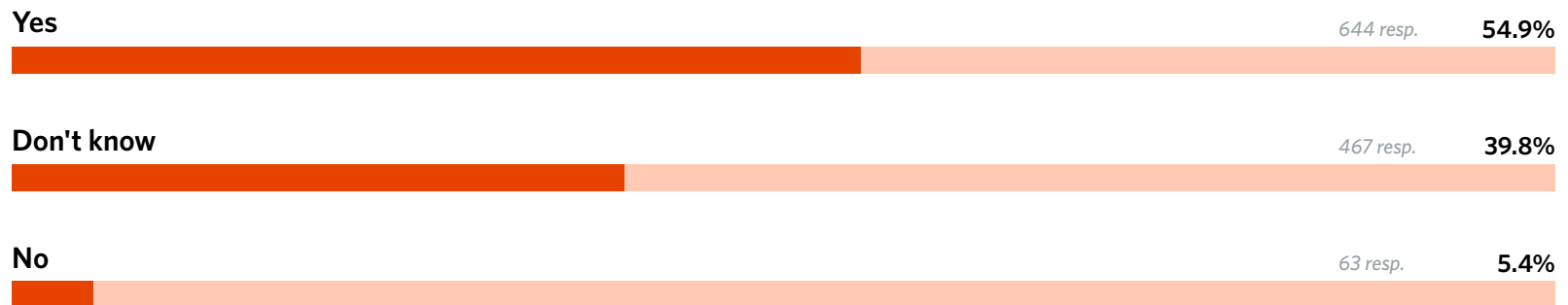


15. The Town opened the Building Resiliency Center (BRC) in the former Bank of America building. Has consolidating all building services been a benefit to the community?



WELCOMING

1174 out of 1182 answered



16. Do you feel the current state and local residential building codes go far enough in promoting fire-resistant construction?



WELCOMING

1171 out of 1182 answered

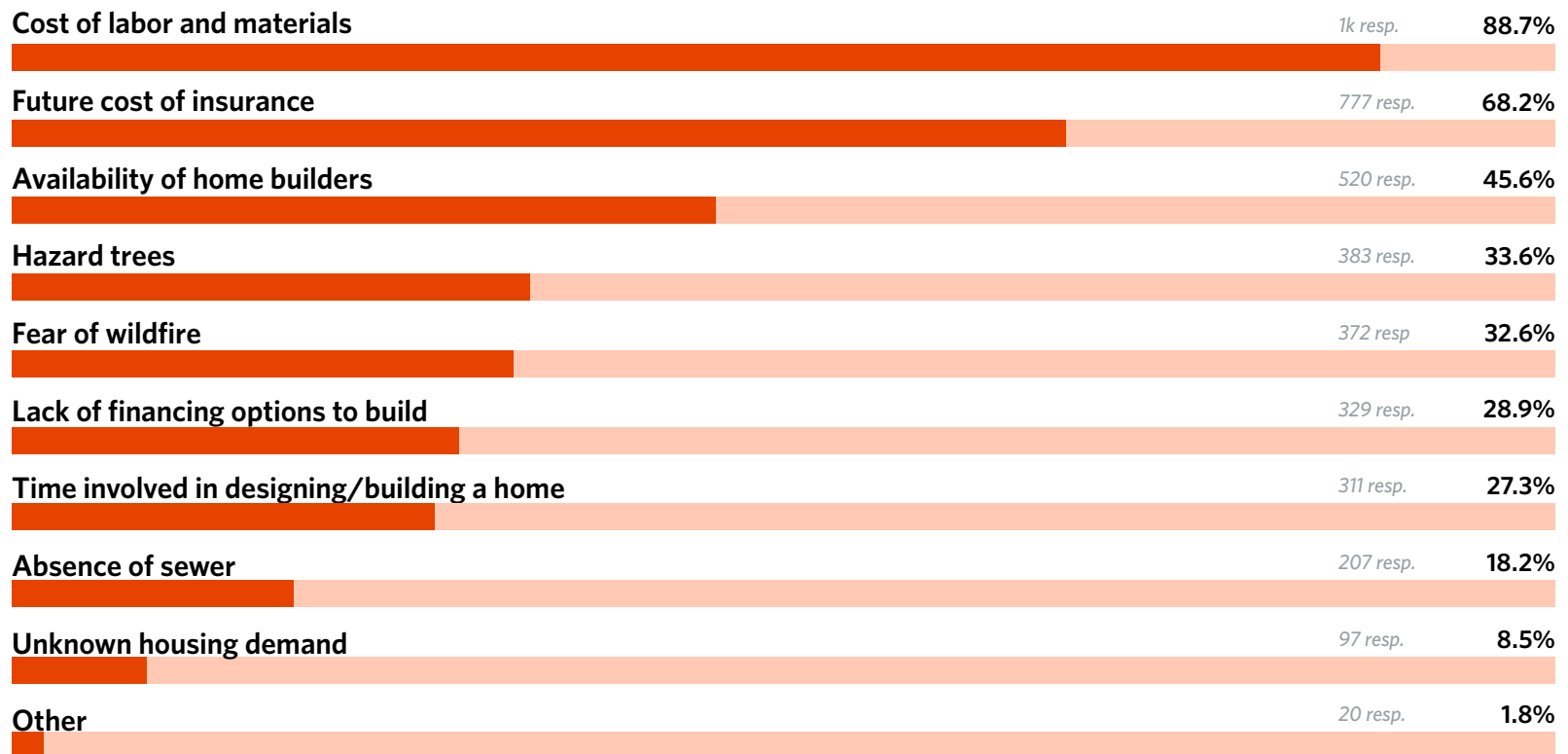


17. What do you see as the biggest hurdle to rebuilding housing?

1140 out of 1182 answered



WELCOMING



LONG-TERM COMMUNITY RECOVERY PLAN UPDATE / PARADISE, CALIFORNIA / 27 APRIL 2022

URBAN DESIGN ASSOCIATES

18. Paradise had a broad range of housing opportunities and choices before the Camp Fire. Owner-occupied, stick-built homes represent most of the new units to date. Please rank the following types in order of importance moving forward.

1041 out of 1182 answered

- 1. Owner-occupied stick-built homes**
- 2. Rental homes**
- 3. Owner-occupied manufactured homes (on private property)**
- 4. Manufactured homes in parks (owner-occupied and rental)**
- 5. Paired homes (duplexes)**
- 6. Accessory dwelling units (ADU under 500 sq.ft.)**
- 7. Apartments**
- 8. Mixed-use (housing over commercial)**



WELCOMING

19. Paradise had an abundance of naturally-occurring, affordable housing before the Camp Fire. New construction has proven to be less affordable. Please rank the kind of affordable housing that you would like to see prioritized in Paradise

1041 out of 1182 answered

- 1. First time home buyers**
- 2. Self-help ownership**
- 3. Affordable apartments (80% of area median income or less)**
- 4. Market rate apartments (no restrictions on rent)**
- 5. Manufactured home communities**
- 6. Secondary residential units (ADUs)**



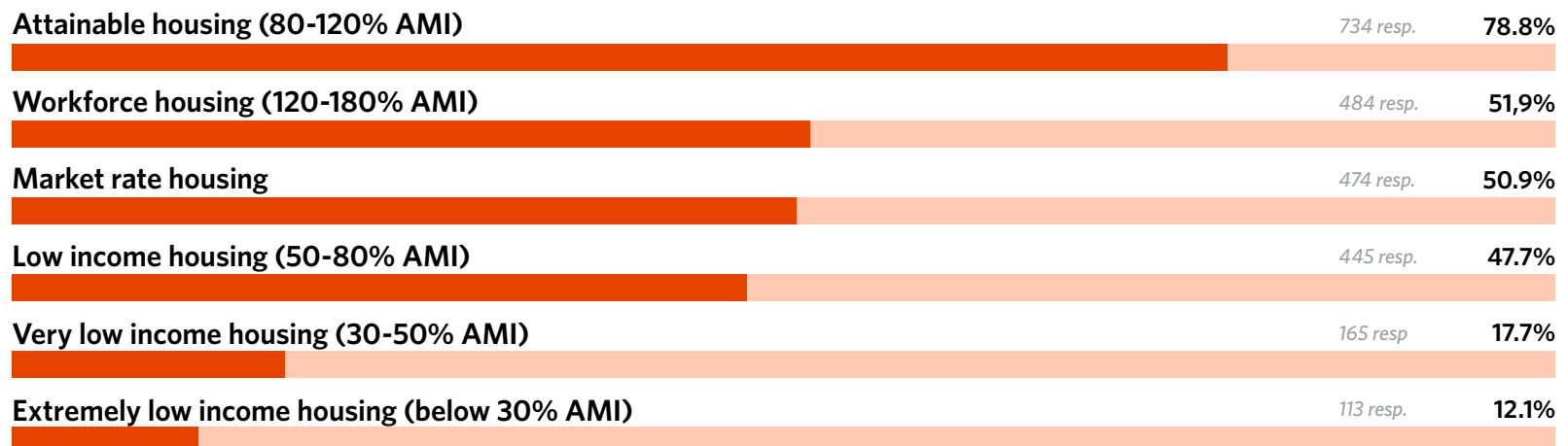
WELCOMING

20. Butte County Area Median Income (AMI) for a four-person household is approximately \$69,000/year. The associated monthly housing cost should be \$1,725 or less. What should the focus be in Paradise moving forward?



WELCOMING

932 out of 1182 answered

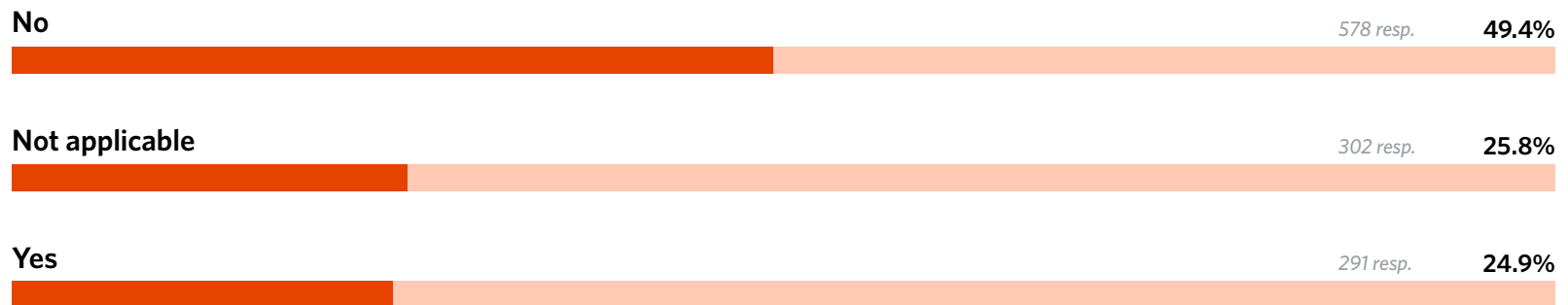


21. Do you feel that you have been taken advantage of by any contractor that worked on your property since the fire?



WELCOMING

1171 out of 1182 answered

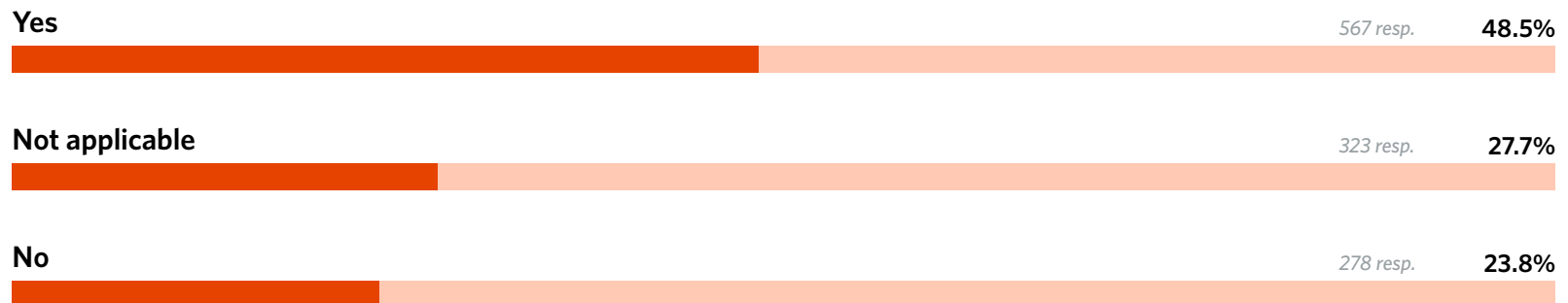


22. The Town received a grant to have a consultant study options for reducing homeowners insurance premiums. Were you able to obtain or renew affordable homeowners insurance other than the California Fair Plan?



WELCOMING

1168 out of 1182 answered

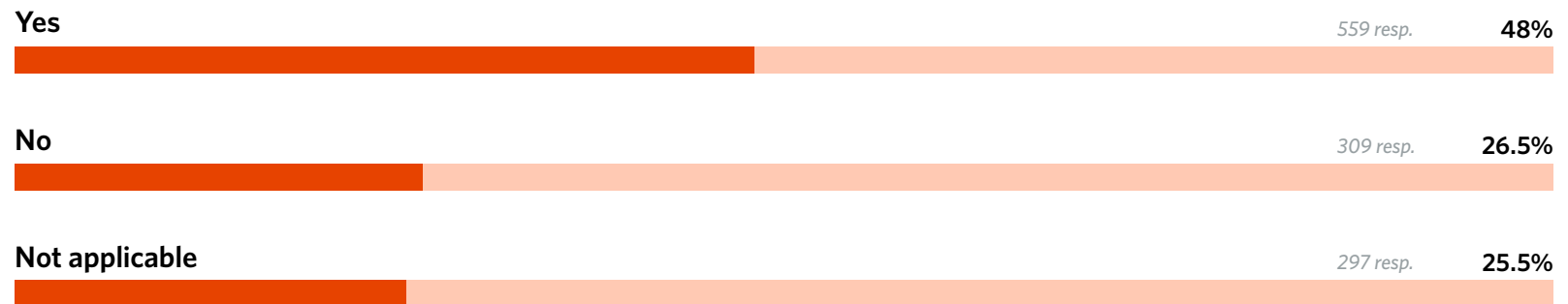


22a. Has the amount you pay for homeowners insurance been raised substantially?

1165 out of 1182 answered



WELCOMING



22b. Would you be willing to implement fire safe improvements to your home and property if the cost was reasonable or financial assistance was available?



1164 out of 1182 answered



22c. Would you be willing to have your house exterior inspected annually for fire safe maintenance?

1141 out of 1182 answered



WELCOMING

Yes

746 resp. 65.4%



No

395 resp. 34.6%



22d. How much would you be willing to pay per year as a property assessment to fund wildfire risk mitigation and thereby reduce your homeowners insurance premiums?



WELCOMING

1040 out of 1182 answered



22e. Are you more willing to pay such an assessment if you knew that it would be matched by grant money from the State?

1119 out of 1182 answered



WELCOMING

Yes

793 resp. 70.9%



No

326 resp. 29.1%



23. Rank the most important commercial establishments to bring back in order of importance

1127 out of 1182 answered



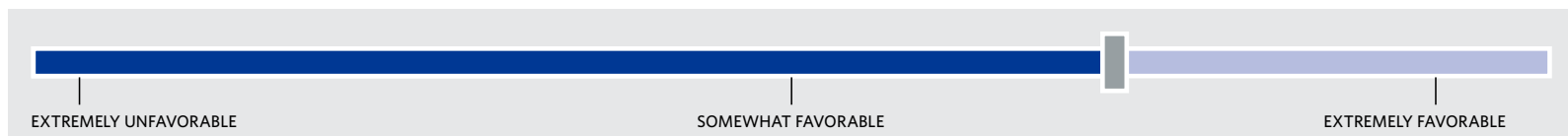
- 1. Dine in restaurants**
- 2. Mom-and-pop neighborhood services**
- 3. Grocery stores**
- 4. Fast food restaurants**
- 5. Drug stores**
- 6. Entertainment**
- 7. Other**

24. Paradise Recreation and Parks District (PRPD) has been proactive in implementing fire safe measures and improving local quality of life. How would you rank the current parks system?



1010 out of 1182 answered

7.1 Average Rating

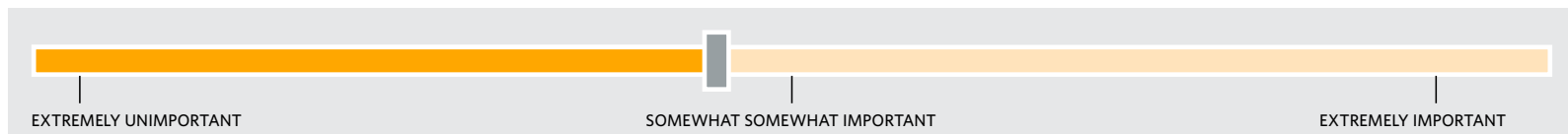


25. Adding a redundant Emergency Notification System is a top priority for the Town. Securing funding is in progress. How would you rank the importance of this project?



1177 out of 1182 answered

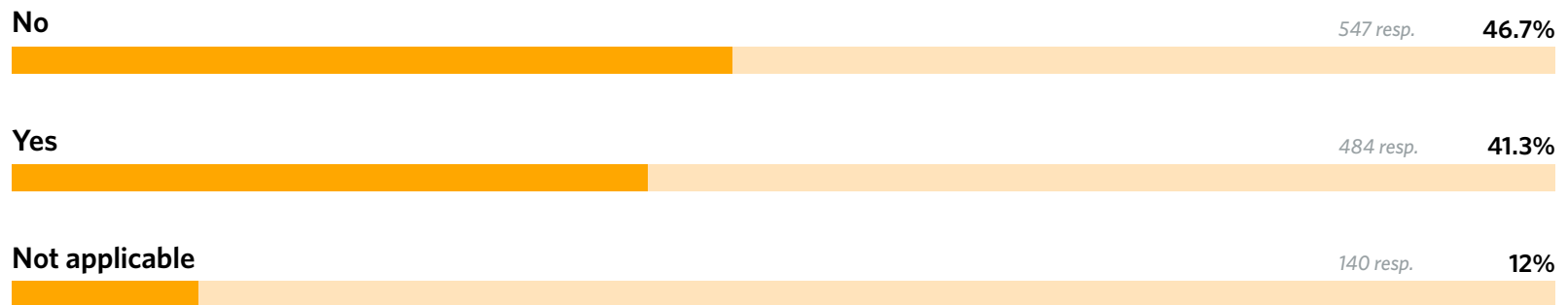
4.1 Average Rating



26. Resident fire safe education has been a priority for the Town in partnership with CalFire and other organizations. Have any of these programs reached you?



1171 out of 1182 answered

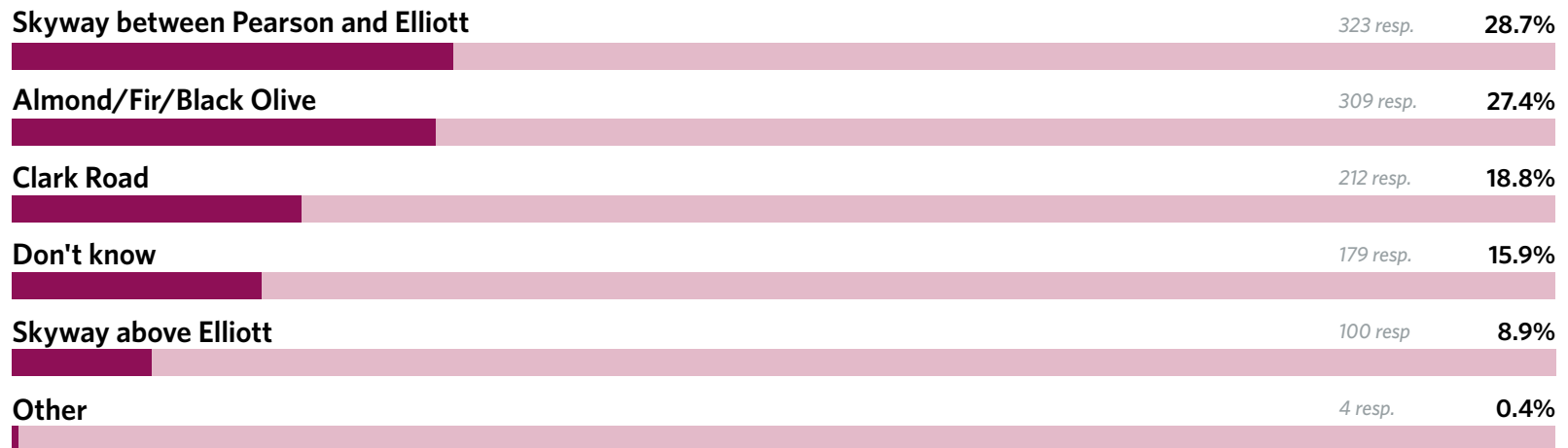


27. What is the best location for centralized walkable shopping?

1127 out of 1182 answered



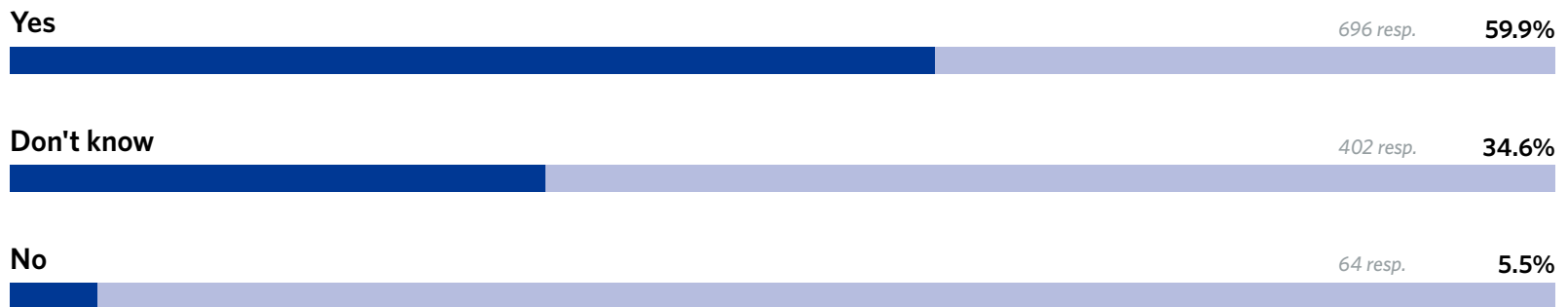
STRONGER



28. A key recovery project related to elementary and secondary education calls for “Paradise’s public, charter, and private schools to be rebuilt to meet the needs of all families and to incorporate 21st-century best practices and learning models...”. Paradise schools have made remarkable progress toward meeting this objective. Do you feel satisfied with the progress to date?

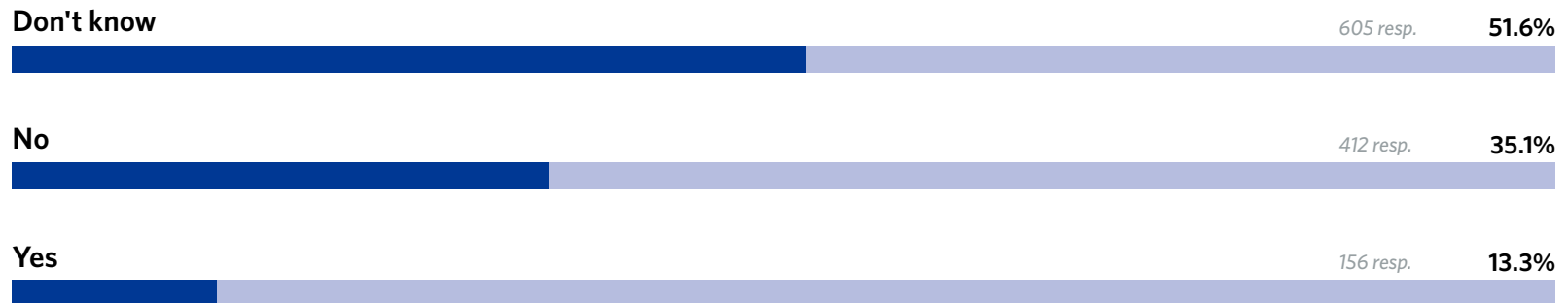


1162 out of 1182 answered



29. Is public transportation service in Paradise adequate?

1173 out of 1182 answered



30. Do you ever ride the bus?

1168 out of 1182 answered





PUBLIC MEETING

Resident feedback on the first draft of new and updated recovery projects.

Creating an open dialogue between community members, town leadership, and the design team is imperative to update the recovery project list accurately. The first draft of recovery project updates was presented at an open forum to gauge specific concerns on each topic. Each attendee was asked to rate each project as positive (green if Paradise resident, blue if not) or negative (red if Paradise resident, yellow if not). Additionally, sticky notes were provided for specific comments.

Recovery projects were adjusted, added, and/or eliminated using the attendees' feedback to best achieve residents' immediate and long-term needs. The following pages are images of the boards shared at the public meeting, with the feedback recorded directly on the board and with volunteer facilitators.



SAFER



WELCOMING



STRONGER



BETTER



GREENER

General Comments

What else should we know about the Town of Paradise's recovery progress?

RESIDENT | NON-RESIDENT



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RESIDENT | NON-RESIDENT



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Comments*
from April 28
Public Meeting

- Thank you Town of Paradise with moving forward
- Sustainable, fire wise, ecological education, community center, TEK, camp fire restoration project
- Indoor recreation (bowling, movie theater)
- When sewers come in businesses will need financial assistance for hook-up/ connection
- Movie theater, more drive in restaurants
- More signs for community events. Re-use old signs?
- Market to bring commerce and business
- Waterpark
- Community Rec Center with indoor facilities
- Yard waste facility & recycle yard
- Town owned solar
- independent renewable energy systems
- Reseeding forests
- Community art for tourism branding
- Keep up the good work!
- Skate park
- Indoor/outdoor pool
- California Constitution Article 1 Section 28(b)(17)
- We need things for youth to do on the Ridge-Skate Park
- Stop water from leaving our area

* Information has not been fact-checked by the Town of Paradise



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Additional New Recovery Projects

What did we miss? Let us know your thoughts about other potential recovery projects below.

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RESIDENT | NON-RESIDENT



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Comments*
from April 28
Public Meeting

- When sewers happen...? (can't read rest of stickie)

* Information has not been fact-checked by the Town of Paradise



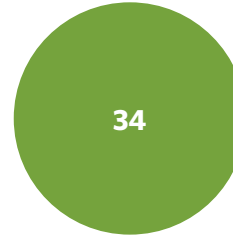
Fire Breaks

Recovery Project

Create a fire break between development and the wildlands as a way to reduce fire risk, especially along the east side of Town. The fire break could also double as an area for hiking trails. Paradise Recreation and Parks District (PRPD) should be the lead in securing funding, acquiring property/easements, and maintaining the break.



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Comments*
from April 28
Public Meeting

- Food forests

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* Information has not been fact-checked by the Town of Paradise

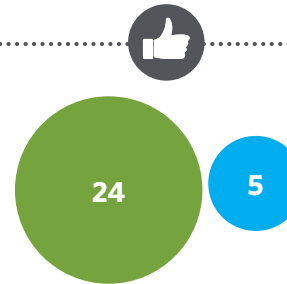


Prioritizing Road Reconstruction

Recovery Project

Acknowledge resident frustration with the damaged condition of streets by improving community awareness on the reconstruction schedule. The Town should make a Paving Map available on their website and coordinate with PG&E, Comcast, AT&T, and PID to create an online interactive tool for residents to see the schedule for undergrounding on a street-by-street basis.

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Comments*
from April 28
Public Meeting

- MOU County/Town road decisions
- Easier to read maps
- Improve communication between construction/town and residents
- Green utility progress meter
- More widenings



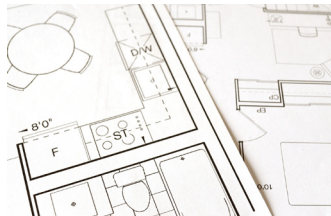
* Information has not been fact-checked by the Town of Paradise



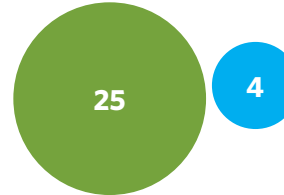
Firesafe Home Improvements

Recovery Project

Publish a list of recommendations that follow future Wildland-Urban Interface (WUI) Code updates (as coordinated by the Insurance Institute for Business & Home Safety (IBHS) and seek grants for fire safe home improvements to increase safety and reduce homeowners' insurance premiums. The Town should take the lead in educating residents and continue to seek subsidy sources that would allow Paradise homeowners to make additional fire safe home improvements.



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* Information has not been fact-checked by the Town of Paradise



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Contractor Accountability

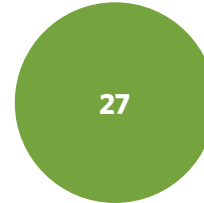
Recovery Project

Address the fact that approximately one-third of survey respondents report that they have been taken advantage of by a contractor working on their property since the fire. The Contractor State Licensing Board (CSLB) has enforcement ability in this case. Possible initiatives could include:

- Have CSLB step up enforcement efforts
- Start an online community online forum where residents can post reviews
- Require contractors to post their contact information on jobsites
- Confirm contractors are in good standing at the time they pull permits



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- No brainer, of course
- Private road damage from construction and no plans/money to repair?
- Fired contractors had good rating with CSLB
- Anyone doing (?) management must be LIC and town needs to verify INS workers comp etc
- Town LIC is required for everything, but no enforcement

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- Owner/Builder allowed for unlicensed contracting
- Put down \$200,000+ and contractor vanished
- No licensed required for fire prevention provided by State – a problem
- FEMA & OES Damage
- By your contractor or 3rd party contractor
- Aurora Ridge Homes

* Information has not been fact-checked by the Town of Paradise



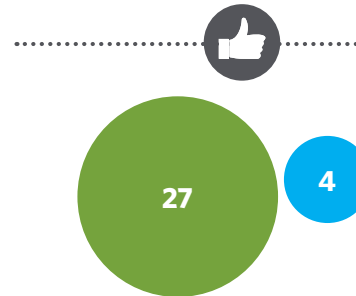
New Insurance Alternatives

Recovery Project

Find insurance alternatives to help protect against limited options and rising insurance costs in the Wildland-Urban Interface (WUI). Community-wide fire safe improvements can reduce risk and thereby lower insurance premiums. As rebuilding progresses, options to be explored include:

- Create community-based insurance
- Collaborate with insurance companies on fire safe improvements
- Amend the Fair Plan so that it allows residents to get a mortgage and covers larger multi-family developments

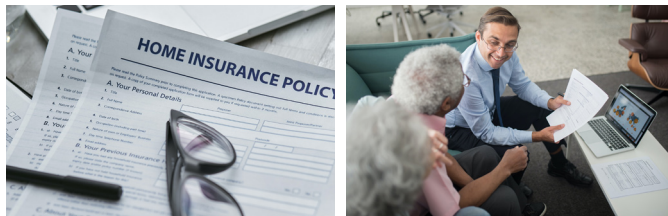
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* Information has not been fact-checked by the Town of Paradise



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Support for First-Time Homebuyers

Recovery Project

Give assistance to first-time homebuyers to allow them to purchase a home in Paradise. The Town should continue to look for a workaround to the existing first-time homebuyer program that is currently restricted to the purchase of pre-existing homes and is subject to HUD limitations on the cost of the homes.

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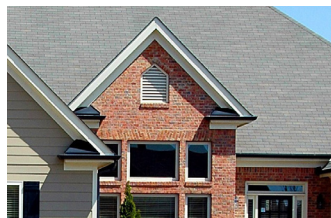


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Focus on Attainable & Workforce Housing

Recovery Project

Priority should be given to the re-creation of lost attainable and workforce housing that is affordable to families with a median income between 80 to 180% of Butte County Area Median Income (AMI). Planning for attainable/workforce rental units along the planned sewer line should be done concurrently with the sewer project to accelerate the timeline. Bringing back Manufactured Home Communities could also underpin this initiative.



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RESIDENT | NON-RESIDENT



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Comments*
from April 28
Public Meeting

- No brainer, of course
- Includes attainable single-family homes
- Top priority — gentrification only serves a small percent — affordable, sustainable workers need built housing
- Can't afford housing for my workers — makes it hard to retain them
- Rescind 750sf minimum housing size. Tiny houses are part of the solution!
- Always felt like we had enough affordable housing and especially apartments

* Information has not been fact-checked by the Town of Paradise



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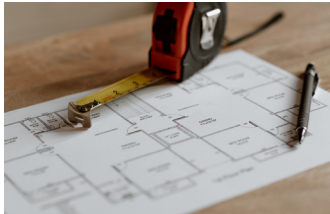
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Manufactured Home Communities

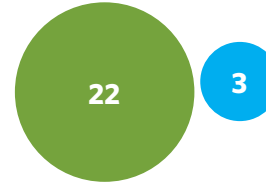
Recovery Project

Tackle the factors that are causing the rebuilding of Manufactured Home Communities (regulated by the state) to lag behind scattered site home building. Hurdles include lack of insurance proceeds, regrading of home sites, replacing private roads, undergrounding on-site electric and communication, and repairing on-site sewer treatment.

Subsidy is required to keep site costs affordable to residents. Flexibility should be built into CDBG DR funding by California Department of Housing and Community Development (HCD) to permit state subsidy.



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* Information has not been fact-checked by the Town of Paradise



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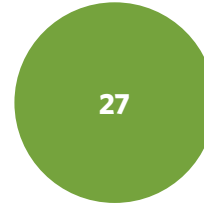
Support for Mom-and-Pop Businesses

Recovery Project

Find ways to bring back small family-owned or independent businesses that lost their buildings and are now sidelined by the challenge of higher rents. This could include an initiative to match businesses with existing available space and/or lowering new-build construction costs through prefabricated building systems. The improved street infrastructure on Almond Street will provide a blank canvas for small businesses, contingent on sewer.



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- Sewer is key
- But don't ship our water down the hill

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* Information has not been fact-checked by the Town of Paradise



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Blue Zones

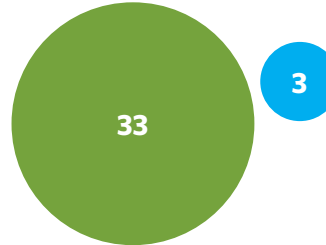
Recovery Project

Build systems that are conducive to healthier lifestyles and stronger communities as Paradise is rebuilt. Blue Zones is a policy and design framework that could help Paradise get healthier. Elements could include:

- Use *Blue Zones* principles to help guide healthier rebuilding
- Prioritize walking and biking via road improvements and trails
- Create gathering spaces to nurture community
- Design homes that promote health and resiliency
- Establish volunteer opportunities



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Comments*
from April 28
Public Meeting

- Goat infrastructure, turf management
- Community Gardens adjacent to like trails...YES!!!
- Paradise stronger gym, mental health services, kitchen/healthy cooking, green buildings
- Walking paths

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- Sidewalks give people permission to get out of the house
- Whole, healthy foods, restaurants and shops
- Does not replace hospitals/urgent cares
- Not the first priority

* Information has not been fact-checked by the Town of Paradise



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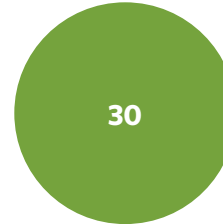
All Scales of Healthcare

Recovery Project

Work to address what was lost in the fire: hospitalization and emergency room, urgent/immediate care, and primary care services. Paradise healthcare providers should engage in a dialogue with residents over residents' concerns and work to restore critical services.



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Comments*
from April 28
Public Meeting

- Need healthcare
- Suggest everyone become a member of air ambulance if have serious health issues - alternative interim solution
- FRH was a great hospital
- Ampla trying to move up here. Top reach out to them, possible bring them here
- Ambulance service and immediate care good enough
- Specialist up here don't want to leave town
- Want services back now not enough population to support...
- Need specialist in town. Don't want to leave town to have services. Baby center back need here - still a lot of people in Magalia
- Need 24 hr Immediate care or ER. Magalia needs healthcare too. Professionals live in town
- Imperative for economic development. Puts progress on hold without knowing an answer. If you can, market and move forward
- Don't let Blue Zone replace walk-in healthcare services
- Adventis Health should be honest if coming back or not
- Need more healthcare services here. Would Adventist Health sell to another organization/healthcare provider

* Information has not been fact-checked by the Town of Paradise



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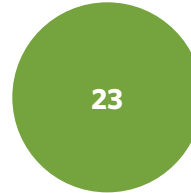
Beautification

Recovery Project

Where possible, restore shade and beauty in Paradise with a plant palette that supports local insect and wildlife populations without compromising fire safety. In cooperation with Butte County Fire Safe Council and Cal FIRE, the Town should accelerate efforts to develop appropriate plant palettes for private lots between setbacks and rights-of-way. Continue to seek outside grant funding for replanting.



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Comments*
from April 28
Public Meeting

- Loved new welcome sign and bring back Clark Road sign "Welcome to Paradise"
- Bring back "You are Ascending into Paradise" on Clark Road
- Fine balance between safety and erosion control
- Would like to see more shade structures in lieu of trees
- Progress would have a requirement for landscape
- Hold educational meetings/workshops on best native and drought resistant plants
- We need a monarch park
- Paradise Garden Club volunteers to help organize plantings
- We need some kind of theme
- Something special that identifies us downtown or along the streets
- Be careful when planting trees close together when they mature
- Beautify the bike path with flowers, shrubs Milkweed?
- Partner with the Camp Fire Restoration Project
- Towns need to do better education on "why" need to clear vegetation
- Would rather be safer than beautiful
- A flyer that says why we need to be cleared
- Not charge for the organization medallions on "Welcome" sign to non-profits
- Coordinate between Town and Butte Co. to remove trees on private property that are in the county
- Need to clear the rest of the dead trees off private property

* Information has not been fact-checked by the Town of Paradise



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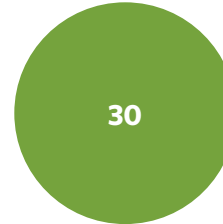
Walkability & Bikeability

Recovery Project

Connect walking and biking facilities into neighborhoods and create extensions of the multi-use path network that is already being implemented along main public streets. Given that this was identified as a high priority for survey respondents, the Town should look for opportunities for pedestrian and bike infrastructure, like sidewalks and multi-use paths, as streets are rebuilt.



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Comments*
from April 28
Public Meeting

- Important vital
- Great for community as a whole
- Safety — Safer streets/Safety
- Yes, of course! Yes
- Ability to access golf carts? Lights along paths
- Promotes health
- Don't even have to think about it. No sidewalk is dangerous
- My kids want to get to school safely & be able to walk/bike
- No brainer good idea
- Would help businesses if people could walk there
- Love the new walking path by PRES
- Safety
- Yes! Connect bike paths to other areas
- Not useful for my age and disabilities
- Current bike trail not used enough
- Nice, but not as important as other things

* Information has not been fact-checked by the Town of Paradise

CDBG-DR (broad) but info sheets are only for infrastructure; either indicate infrastructure (only) or include other CDBG-DR info sheets (MHP, OOR/ReCoverCA, ED/ Workforce Development, MIT, etc)

COMMUNITY DEVELOPMENT BLOCK GRANT- DISASTER RECOVERY (CDBG-DR) PRIORITY PROJECTS

The following is a summary of project submitted by the Town for CDBG-DR funding



Town of Paradise
Public Works/Engineering Department
5555 Skyway
Paradise, CA 95969
(530) 872-6291

Project Name:

Sewer Project

Project Priority:

#1

Project Scope:

The Paradise Sewer Project includes all of the components and activities necessary to convert the core part of the Town (the Sewer Service Area) from on-site septic tank treatment to wastewater conveyance and treatment at the Chico Water Pollution Control Plant (WPCP).

Project Description:

The Paradise Sewer Project consists of three primary components: 1) a wastewater collection system consisting of service connections of individual parcels within a designated service area to sewer lines and lift stations; 2) an 18-mile export pipeline to convey Paradise wastewater to the Chico WPCP; and 3) connection to the Chico WPCP where the Paradise wastewater will be treated.

Funding:

Total Cost: \$184,675,000

Pre-Construction Cost: \$32,326,000

Construction Cost: \$152,349,000

Existing Funding Resource: DFA/USDA

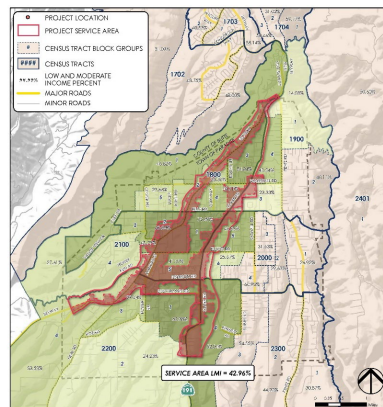
Unmet Need Pre-Construction: \$29,926,000

Unmet Need Construction: \$152,349,000

Long Term Recover Plan

Tier and Project:

1 – Sewer System



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Town of Paradise
Public Works/Engineering Department
5555 Skyway
Paradise, CA 95969
(530) 872-6291

Project Name:

On-System Road Rehabilitation

Project Priority:

#2

Project Scope:

The On-System Road Rehabilitation Project repairs damaged sections of roadway and re-striping when necessary to rehabilitate 32 miles of roadway segments of on-system roadway. The project includes a combination of pavement rehabilitation strategies depending on the severity of damage, modifications to nine signalized intersections, and construction of 48 ADA compliant curb ramps.

Project Description:

The project will repair 32 miles of on-system roadways that sustained heavy damage in the wake of the Camp Fire and debris removal efforts. The critical condition of the current roadways risks pavement failure and creates unsafe road conditions. The project will improve safety along public roads that are part of the federal-aid system. These arterial roadways are either evacuation routes or primary east-west connections to the evacuation routes.

Funding:

Total Cost: \$55,439,200

Pre-Construction Cost: \$3,504,000

Construction Cost: \$51,935,200

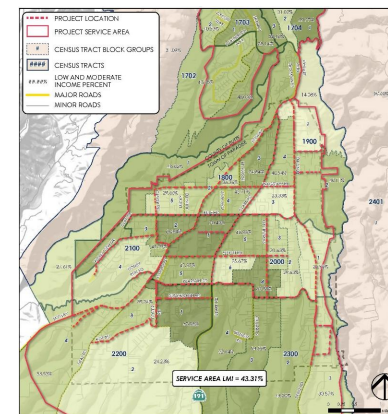
Existing Funding Resource: FHWA-Emergency Relief

Unmet Need Pre-Construction: \$876,000

Unmet Need Construction: \$12,983,800

Long Term Recover Plan Tier and Project:

1 - Evacuation Routes



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Town of Paradise
Public Works/Engineering Department
5555 Skyway
Paradise, CA 95969
(530) 872-6291

Project Name:

Off-System Road Rehabilitation

Project Priority:

#3

Project Scope:

The Off-System Road Rehabilitation Project repairs damaged sections of roadway and re-stripping when necessary to rehabilitate 47 miles of roadway segments of on-system roadway. The project also upgrades non-compliant ADA curb ramps.

Project Description:

The project will repair 47 miles of off-system roadways that sustained heavy damage in the wake of the Camp Fire. The critical condition of the current roadways risks pavement failure and creates unsafe road conditions. The project will improve safety along public roads that are not part of the federal-aid system. These roads include local roads and rural minor collectors, which provide evacuation routes connecting to the federal-aid system.

Funding:

Total Cost: \$45,043,700

Pre-Construction Cost: \$3,064,000

Construction Cost: \$41,979,700

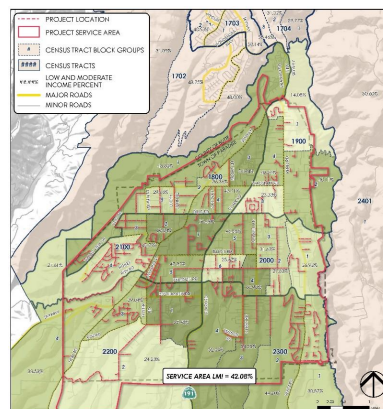
Existing Funding Resource: FEMA – Public Assistance

Unmet Need Pre-Construction: \$766,000

Unmet Need Construction: \$10,494,925

Long Term Recover Plan Tier and Project:

1 - Evacuation Routes



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Town of Paradise
Public Works/Engineering Department
5555 Skyway
Paradise, CA 95969
(530) 872-6291

Project Name:

Pearson Class I

Project Priority:

#3

Project Scope:

The Pearson Class I Path project will construct 2.3-miles of Class I facility and 50 ADA ramps from Clark Road to Pentz Road.

Project Description:

The project proposes a separated Class I facility to improve access to key destinations including Downtown Paradise, Paradise Memorial Park, and K-12 schools. The Class I facility will be 10-feet wide to provide bi-directional lanes for people walking and bicycling, will include dark sky pathway lighting to retain the Town's rural characteristics, and will provide 50 ADA ramps to improve mobility for people in wheelchairs and with strollers.

Funding:

Total Cost: \$13,554,857

Pre-Construction Cost: \$1,254,100

Construction Cost: \$12,300,757

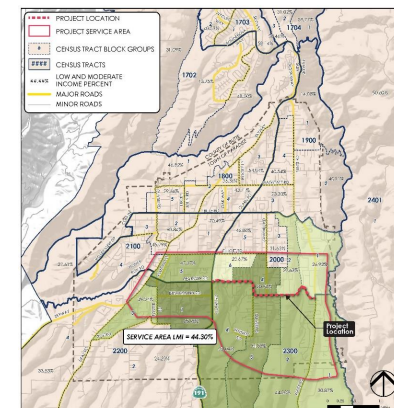
Existing Funding Resource: None

Unmet Need Pre-Construction: \$1,254,100

Unmet Need Construction: \$12,300,757

Long Term Recover Plan Tier and Project:

1 - Interconnect Path System



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Town of Paradise
Public Works/Engineering Department
5555 Skyway
Paradise, CA 95969
(530) 872-6291

Project Name:

On-System Sign Replacement

Project Priority:

#4

Project Scope:

The On-System Sign Replacement Project involves sign removal, sign installation and reset of roadside signs and flashing beacons at 122 locations damaged in the 2018 Camp Fire. The project is partially funded through FHWA Emergency Relief.

Project Description:

The project will replace damaged roadway signs along federal aid routes to improve safety. Signage types include stop, no parking, signs alerting to fire station access, speed limit, curves ahead, street markers, prepare to stop/stop ahead, merge left, school crossing, flashing beacons, hospital/police, no outlet, wildlife crossing, etc.

Funding:

Total Cost: \$285,200

Pre-Construction Cost: \$26,000

Construction Cost: \$259,200

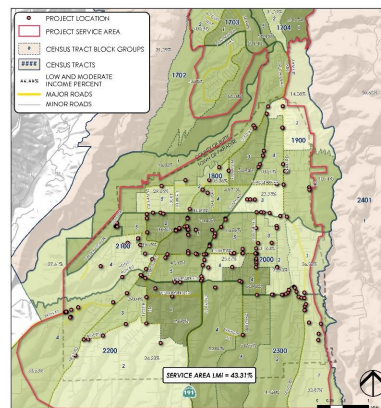
Existing Funding Resource: FHWA-Emergency Relief

Unmet Need Pre-Construction: \$6,500

Unmet Need Construction: \$64,800

Long Term Recover Plan Tier and Project:

1 - Evacuation Routes



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Town of Paradise
Public Works/Engineering Department
5555 Skyway
Paradise, CA 95969
(530) 872-6291

Project Name:

Roe Road Phase 1

Project Priority:

#4

Project Scope:

Roe Road Phase 1 Project will construct a new three lane 1.25-mile roadway with wide shoulders. The project will include a Class I multi-use pathway, ADA curb ramps, storm drain infrastructure, and intersections with Pentz Road, Edgewood Lane, and South Libby Road.

Project Description:

Roe Road Phase 1 project is part of a five-phase project to construct a new east-west roadway connection between Skyway and Pentz Road. The proposed project will construct 1.25-miles of roadway between South Libby Road and Pentz Road to improve circulation and connectivity throughout the Town and provide alternative ingress/egress routes for residential neighborhoods. The project will also construct a parallel Class I bikeway for travel by people walking and bicycling and provides first responders a dedicated bi-directional travel lane during emergency events.

Funding:

Total Cost: \$60,400,000

Pre-Construction Cost: \$14,500,000

Construction Cost: \$45,900,000

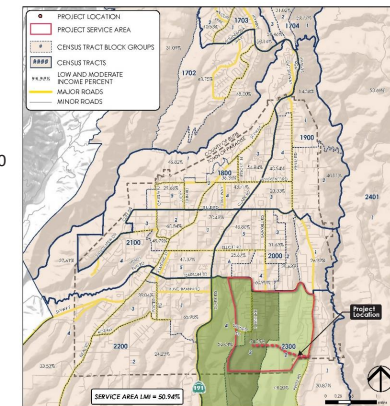
Existing Funding Resource: None

Unmet Need Pre-Construction: \$14,500,000

Unmet Need Construction: \$45,900,000

Long Term Recover Plan Tier and Project:

1 - Missing Road Segment



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Town of Paradise
Public Works/Engineering Department
5555 Skyway
Paradise, CA 95969
(530) 872-6291

Project Name:

Pearson Road Reconfiguration

Project Priority:

#5

Project Scope:

The Pearson Road Reconfiguration project involves restriping the roadway, adding a Class II bike lane, pavement slurry seal, and sidewalk and curb ramp reconstruction in compliance with current ADA standards along a 0.17-mile segment of roadway.

Project Description:

The Pearson Road Reconfiguration project will redefine and restripe the existing space between existing curb lines to provide increased evacuation capacity, add defined space for bicyclists and/or pedestrians, enhance the business setting, and provide a safer overall street environment than encourages commercial redevelopment. The project includes slurry seal and reconstructing pedestrian ramps to ADA standards and minor sidewalk improvements where necessary.

Funding:

Total Cost: \$600,000

Pre-Construction Cost: \$78,300

Construction Cost: \$521,700

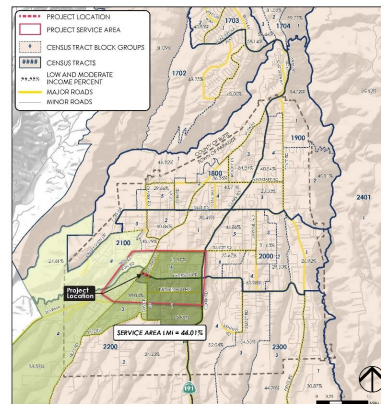
Existing Funding Resource: None

Unmet Need Pre-Construction: \$78,300

Unmet Need Construction: \$521,700

Long Term Recover Plan Tier and Project:

1 - Evacuation Routes



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Town of Paradise
Public Works/Engineering Department
5555 Skyway
Paradise, CA 95969
(530) 872-6291

Project Name:

Roe Road Phase 2

Project Priority:

#5

Project Scope:

Roe Road Phase 2 will construct a new 1-mile roadway extending from South Libby Road to Clark Road/State Route 191. The project will include a Class I multi-use pathway, ADA curb ramps, bridge or culvert over Clear Creek, and storm drainage infrastructure.

Project Description:

Roe Road Phase 2 is part of a larger project to construct a new east-west roadway between Skyway and Pentz Road to improve circulation and connectivity throughout the Town and provide alternative ingress/egress routes for residential neighborhoods. The project will create a new roadway between South Libby Road and Clark Road. It will also construct a parallel Class I pathway for people walking and biking that will also provide first responders with a dedicated bi-directional travel lane during emergency events.

Funding:

Total Cost: \$42,622,089

Pre-Construction Cost: \$6,874,600

Construction Cost: \$35,747,489

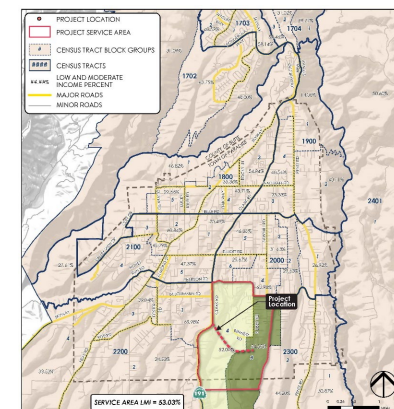
Existing Funding Resource: None

Unmet Need Pre-Construction: \$6,874,600

Unmet Need Construction: \$35,747,489

Long Term Recover Plan Tier and Project:

1 - Missing Road Segment



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Town of Paradise
Public Works/Engineering Department
5555 Skyway
Paradise, CA 95969
(530) 872-6291

Project Name:

Oliver Curve Pathway Phase I

Project Priority:

#32

Project Scope:

The Oliver Curve Pathway Phase I project will construct 3,696 linear feet of a 10-foot-wide Class I multi-use facility complete with 2-foot-wide shoulders, lighting, and storm drain accommodations. Additional improvements include 17 new ADA ramps, 1 new crosswalk, and retaining walls.

Project Description:

The Oliver Curve Pathway Project Phase I proposes a Class I pathway on Oliver Road, stretching three-quarters of a mile from Skyway to Bille Road. The multi-use facility is 10 feet wide with 2-foot shoulders and includes 17 ADA ramps, pathway lighting, and retaining walls along Honey Run Creek. The project will provide improved access for people walking and bicycling to access destinations throughout Town including improved connectivity to the Yellowstone Kelly Heritage Trail.

Funding:

Total Cost: \$5,403,547

Pre-Construction Cost: \$699,100

Construction Cost: \$4,704,447

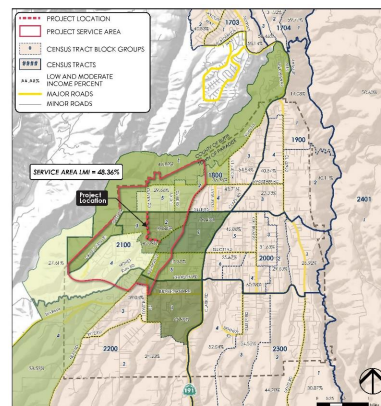
Existing Funding Resource: Congestion Mitigation and Air Quality

Unmet Need Pre-Construction: \$349,100

Unmet Need Construction: \$4,704,447

Long Term Recover Plan Tier and Project:

1 - Interconnect Path System



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Project Name:

Oliver Curve Pathway Phase II

Project Priority:

#6

Project Scope:

The Oliver Curve Pathway Phase II Project Construct one-half-mile of paved Class I facility, 10 ADA ramps, and storm drainage facilities between Bille Road and Wagstaff Road.

Project Description:

The project proposes a separated Class I facility to improve connections to key destinations including Downtown Paradise, Bille Park, and the Terre Ashe Recreation Center. The Class I facility will be 10-feet wide to provide bi-directional lanes for people walking and bicycling, will include dark sky pathway lighting to retain the Town's rural characteristics, and will provide 10 ADA ramps to improve mobility for people in wheelchairs and with strollers. The project will extend the improvements in Oliver Curve Pathway Phase I, providing access to Skyway and downtown.

Funding:

Total Cost: \$3,787,009

Pre-Construction Cost: \$574,200

Construction Cost: \$3,212,809

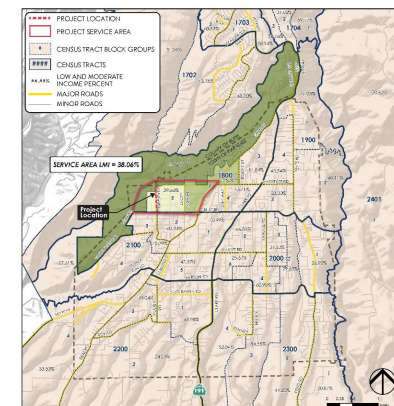
Existing Funding Resource: None

Unmet Need Pre-Construction: \$574,200

Unmet Need Construction: \$3,212,809

Long Term Recover Plan Tier and Project:

1 – Interconnect Path System



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Project Name:

Roe Road Phase 3

Project Priority:

#6

Project Scope:

Roe Road Phase 3 will construct a 0.76-mile roadway extending from the eastern terminus of Roe Road at Scottwood Road to Clark Road. The project will include a Class I multi-use pathway, ADA curb ramps, and storm drainage infrastructure.

Project Description:

Roe Road Phase 3 is part of a larger project to construct a new east-west roadway between Skyway and Pentz Road to improve circulation and connectivity throughout the Town and provide alternative ingress/egress routes for residential neighborhoods. The project will create a new roadway between Scottwood Road and Clark Road/State Route 191. It will also construct a parallel Class I pathway for people walking and biking that will also provide first responders with a dedicated bi-directional travel lane during emergency events.

Funding:

Total Cost: \$11,105,512

Pre-Construction Cost: \$1,628,200

Construction Cost: \$9,477,312

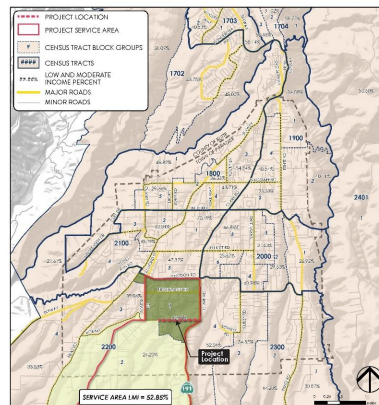
Existing Funding Resource: None

Unmet Need Pre-Construction: \$1,628,200

Unmet Need Construction: \$9,477,312

Long Term Recover Plan Tier and Project:

1 - Missing Road Segment



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Project Name:

Pentz Road Widening

Project Priority:

#7

Project Scope:

The Pentz Road Widening project will widen Pentz Road from Skyway to the southern Town limits to include a 12-foot-wide center turn lane, widened shoulders, and a multi-use pathway. The project builds upon the FHWA disaster recovery efforts that are rehabilitating the existing roadway pavement.

Project Description:

Pentz Road serves as a primary north-south ingress/egress route for Town residents. Widening the road will improve evacuation efficiency along this route, provide an adequate shoulder to park disabled vehicles and reduce fire fuel proximity to the traveling public. The project proposes a 10-foot-wide Class I multi-use facility with 2-foot shoulders, lighting, storm drain accommodations, ADA ramps, and crossing surface improvements.

Funding:

Total Cost: \$88,865,680

Pre-Construction Cost: \$33,548,330

Construction Cost: \$55,317,350

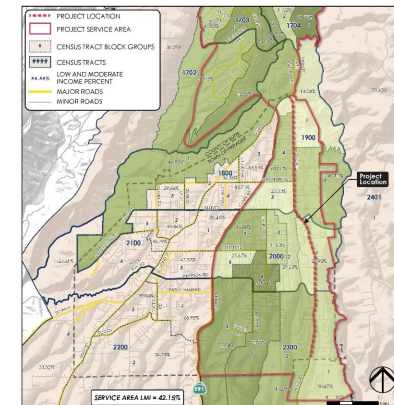
Existing Funding Resource: Unsecured

Unmet Need Pre-Construction: \$33,548,330

Unmet Need Construction: \$55,317,350

Long Term Recover Plan Tier and Project:

1 - Evacuation Routes



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Project Name:

Early Warning System

Project Priority:

#8

Project Scope:

The Early Warning System project will design, install, and implement a network of emergency warning systems for the purpose of rapid hazard notification.

Project Description:

This project will provide an early warning system with multiple notification channels, including IPAWS/WEA, AM Radio, SMS, social media, and outdoor siren/speakers capable of broadcasting audible alert tones and clear voice messages. The siren/speaker system will be installed in 21 locations throughout Paradise. The system is intended to have battery backup, AC, solar power, user friendly cloud-based software, and a reliable connection that is not reliant on local power or cell towers.

Funding:

Total Cost: \$3,207,400

Pre-Construction Cost: \$7,400

Construction Cost: \$3,026,875

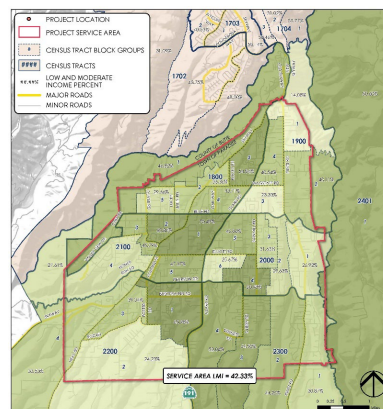
Existing Funding Resource: None

Unmet Need Pre-Construction: N/A

Unmet Need Construction: \$3,200,000

Long Term Recover Plan Tier and Project:

1 – Emergency Notification



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Project Name:

Elliott Road Extension

Project Priority:

#9

Project Scope:

The Elliott Road Extension Project will extend the existing roadway 0.7-miles from its easterly terminus to Pentz Road. The extension will include a two-lane roadway with sidewalks, bike lanes, and lighting.

Project Description:

The project will extend Elliott Road 0.7-miles east to Pentz Road and provide alternative ingress/egress for the neighborhood as well as interconnectivity between primary evacuation routes within Town. The project also supports daily multimodal access and circulation needs of the community. The project improves access to evacuation routes, completes missing road segments, reduces dead-end streets, reduces fire fuel proximity to the roadway, and is consistent with Town Long-Term Recovery Plan.

Funding:

Total Cost: \$7,050,742

Pre-Construction Cost: \$2,344,688

Construction Cost: \$4,706,054

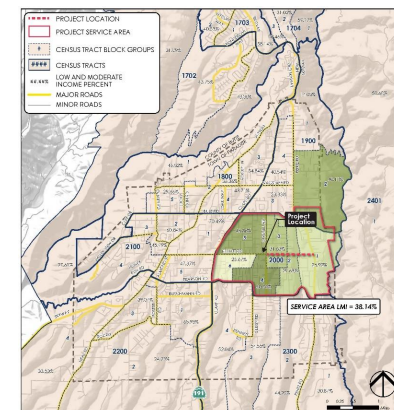
Existing Funding Resource: None

Unmet Need Pre-Construction: \$2,344,688

Unmet Need Construction: \$4,706,054

Long Term Recover Plan Tier and Project:

1 - Missing Road Segment



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Project Name:

Pentz/Pearson Intersection Improvements

Project Priority:

#9

Project Scope:

The Pentz/Pearson Intersection Improvements project will increase capacity with the construction of additional turn lanes and will provide for large vehicle turning radius. The project will require right-of-way acquisition.

Project Description:

The Pentz/Pearson Intersection Improvements project will construct additional turn lanes and a traffic signal system or a roundabout at the existing narrow, All-Way Stop Controlled Pentz/Pearson intersection. Additional capacity and large vehicle turning space is needed at this location for more efficient emergency services. The control type decision will be made early, during the engineering feasibility study phase of the project. The project includes right-of-way acquisition in the intersection vicinity which is required to accommodate the larger intersection footprint that is anticipated.

Funding:

Total Cost: \$4,500,000

Pre-Construction Cost: \$587,000

Construction Cost: \$3,913,000

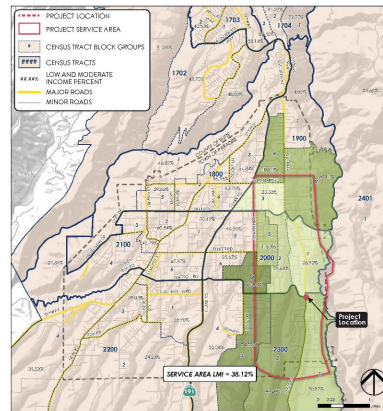
Existing Funding Resource: None

Unmet Need Pre-Construction: \$587,000

Unmet Need Construction: \$3,913,000

Long Term Recover Plan Tier and Project:

1 - Evacuation Routes



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Project Name:

Elliott Class I

Project Priority:

#10

Project Scope:

The Elliott Road Class I Path Project will construct 2-miles of paved Class I facility and 42 ADA ramps between Skyway and Sawmill Road.

Project Description:

The Elliot Road Class I Path Project will improve connections for multi-modal transportation users in the Town of Paradise. The project proposes a separated Class I facility to improve connections to key destinations including Downtown Paradise, the Terre Ashe Recreation Center, and the Yellowstone Kelly Heritage Trail. The Class I facility will be 10-feet wide to provide bi-directional lanes for people walking and bicycling, will include dark sky pathway lighting to retain the Town's rural characteristics, and will provide 42 ADA ramps to improve mobility for people in wheelchairs and with strollers.

Funding:

Total Cost: \$12,718,561

Pre-Construction Cost: \$2,555,200

Construction Cost: \$10,163,361

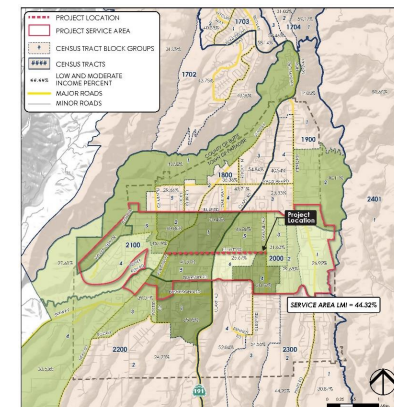
Existing Funding Resource: None

Unmet Need Pre-Construction: \$2,555,200

Unmet Need Construction: \$12,718,561

Long Term Recover Plan Tier and Project:

1 - Interconnect Path System



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Project Name:

Neal Road Rehabilitation

Project Priority:

#10

Project Scope:

The project rehabilitates approximately 1.63 miles of Neal Road within the Town limits between Skyway and Wayland. The project work includes 1-inch Cold Plane and 3-inch asphalt concrete (AC) overlay for the entire roadway section with digout areas of 12-inch asphalt AC for sections with severe rutting and cracking damage.

Project Description:

Neal Road is an on-system, principal arterial, major connector route in from the Town of Paradise to State Route 99 (SR 99) and it is designated as a federal aid route within the Town Limits. Neal Road is one of the primary routes between the Neal Road Landfill just east of SR 99 and the Town. The rehabilitation consists of asphalt concrete overlays and structural section repair (digouts) for severely damaged locations.

Funding:

Total Cost: \$1,588,300

Pre-Construction Cost: \$143,000

Construction Cost: \$1,445,300

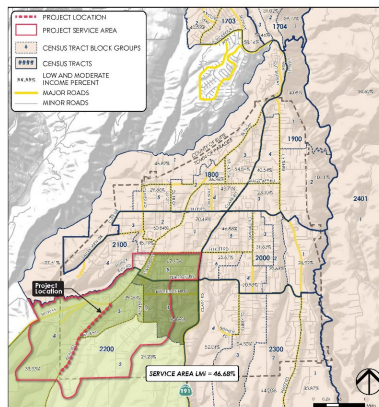
Existing Funding Resource: FEMA -
Emergency Relief

Unmet Need Pre-Construction: \$35,750

Unmet Need Construction: \$361,325

Long Term Recover Plan Tier and Project:

1 - Evacuation Routes



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Project Name:

Off-System Culvert Replacement

Project Priority:

#11

Project Scope:

The Off-System Culvert Replacement Project involves replacing damaged On-System High Density Poly Ethylene (HDPE) culverts and rehabilitation of the roadway section above the pipe at 31 locations.

Project Description:

The project will repair damaged culverts at 31 locations along neighborhood roads connecting to evacuation routes to improve safety and provide safe and effective management of storm water runoff. The culverts targeted for inspection were identified by using the Town's Acela inventory database. Plastic culverts that were listed as off the federal and state system and located within the burn areas were identified.

Funding:

Total Cost: \$750,000

Pre-Construction Cost: \$53,000

Construction Cost: \$697,000

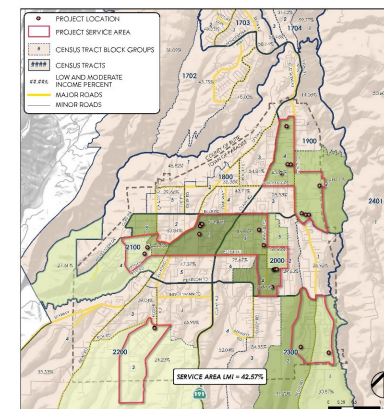
Existing Funding Resource: FEMA Public
Assistance

Unmet Need Pre-Construction: \$13,250

Unmet Need Construction: \$174,250

Long Term Recover Plan Tier and Project:

1 - Evacuation Routes



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Project Name:

Reseeding Program

Project Priority:

#11

Project Scope:

The Reseeding Program phase one will plan and scope the areas for reseeding for erosion control and controlling the growth of noxious weeds throughout the Town.

Project Description:

This project will develop a team with a reseeding expert to perform an assessment to scope the area, type, and methods for reseeding and establish priority areas.

Funding:

Total Cost: \$53,600

Pre-Construction Cost: N/A

Construction Cost: \$53,600

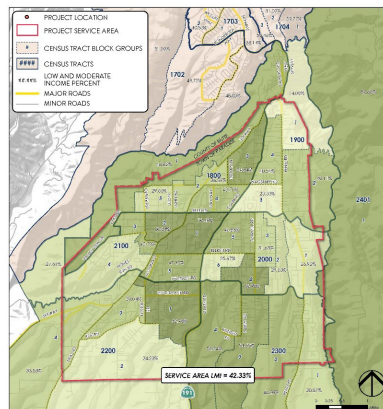
Existing Funding Resource: None

Unmet Need Pre-Construction: N/A

Unmet Need Construction: \$53,600

Long Term Recover Plan Tier and Project:

1 - Fuels Management Plan



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Project Name:

Buschmann Extension

Project Priority:

#12

Project Scope:

Buschmann Extension project will construct a 0.74-mile two lane road extension from easterly terminus at Clark Road (State Route 191) to South Libby Road. The project will include two travel lanes, wide shoulders, sidewalks, storm drainage infrastructure, and bridge over Clear Creek.

Project Description:

Bushmann Road is an east-west route located south of Pearson Road, surrounded by mixed land uses including residences, schools, and parks. The route currently accesses one evacuation route within Town, and the project proposes to extend Bushmann Road 0.74-miles east to connect with residential dead-end street South Libby Road. The project will provide ingress/egress routes for neighborhoods in the South Libby Road area and provide more direct access to an evacuation route, Clark Road.

Funding:

Total Cost: \$6,763,021

Pre-Construction Cost: \$2,380,120

Construction Cost: \$4,382,901

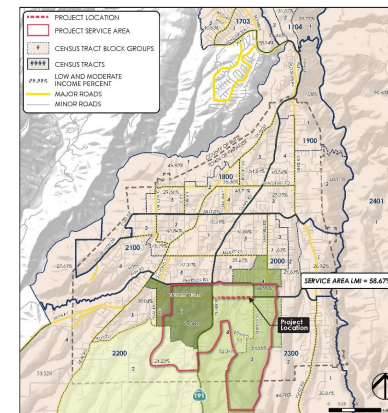
Existing Funding Resource: None

Unmet Need Pre-Construction: \$2,380,120

Unmet Need Construction: \$4,382,901

Long Term Recover Plan Tier and Project:

1 - Missing Road Segment



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Project Name:

Buschmann Extension West

Project Priority:

#13

Project Scope:

The Buschmann Road West Extension project will construct a 0.35-mile extension the westerly terminus at Foster Road to Skyway. The project will consist of two lanes, wide shoulders, sidewalks, and storm drainage infrastructure.

Project Description:

The project will extend the roadway 0.35-miles west to Skyway and provide alternative ingress/egress routes for surrounding neighborhoods, as well as interconnectivity between primary evacuation routes within Town. The project improves access to evacuation routes, completes missing road segments, reduces dead-end streets, reduces fire fuel proximity to the roadway, and is consistent with Town Long-Term Recovery Plan.

Funding:

Total Cost: \$3,290,571

Pre-Construction Cost: \$1,385,152

Construction Cost: \$1,905,419

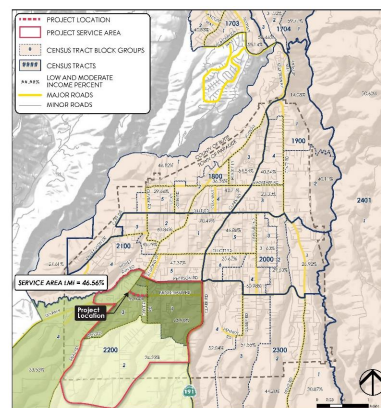
Existing Funding Resource: None

Unmet Need Pre-Construction: \$1,385,152

Unmet Need Construction: \$1,905,419

Long Term Recover Plan Tier and Project:

1 - Missing Road Segment



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Project Name:

Sawmill Extension South

Project Priority:

#13

Project Scope:

The Sawmill Road Extension South project constructs a 0.6-mile two-lane roadway extension from its southerly terminus to connect to South Libby Road. The Project will include wide shoulders, Class I path, and storm drainage infrastructure.

Project Description:

Sawmill Road is a dead-end residential street extending south of Pearson Road, resulting in limited ingress/egress options for residents on Sawmill Road as well as residents on 17 directly adjoining dead-end residential streets. The existing network creates hazardous conditions where high volumes of vehicle traffic overload Sawmill Road to access evacuation routes. The project will extend Sawmill Road by 0.6-miles to connect with South Libby Road and provide an alternative ingress/egress for the neighborhood residents surrounding both roadways as well as access to the future Roe Road Phase 1.

Funding:

Total Cost: \$3,337,373

Pre-Construction Cost: \$1,151,240

Construction Cost: \$2,186,133

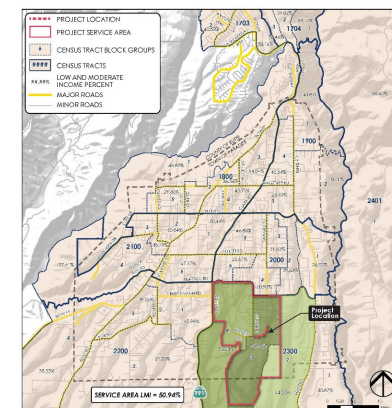
Existing Funding Resource: None

Unmet Need Pre-Construction: \$1,151,240

Unmet Need Construction: \$2,186,133

Long Term Recover Plan Tier and Project:

1 - Long Dead-End Streets



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Project Name:

Roe Road Phase 4

Project Priority:

#14

Project Scope:

Roe Road Phase 4 will construct a new 0.67-mile roadway extending from the Roe Road western terminus on Neal Road to Skyway Road. The project will include a Class I multi-use pathway, ADA curb ramps, and storm drainage infrastructure.

Project Description:

Roe Road Phase 4 is part of a larger project to construct a new east-west roadway between Skyway and Pentz Road to improve circulation and connectivity throughout the town and provide alternative ingress/egress routes for residential neighborhoods. The project will create a new roadway segment between Neal Road and Skyway to extend Roe Road. It will also construct a parallel Class I pathway for pedestrians and cyclists that will also function as a dedicated bi-directional travel lane for first responders during emergency events.

Funding:

Total Cost: \$20,380,141

Pre-Construction Cost: \$3,667,400

Construction Cost: \$16,712,741

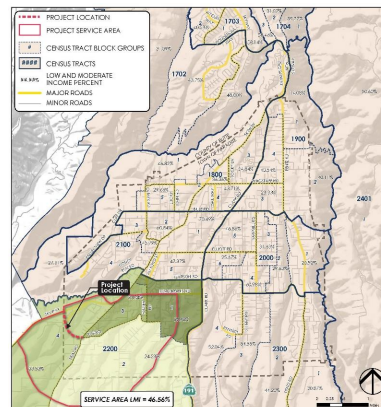
Existing Funding Resource: None

Unmet Need Pre-Construction: \$3,667,400

Unmet Need Construction: \$16,712,741

Long Term Recover Plan Tier and Project:

1 - Missing Road Segment



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Project Name:

Roe Road Phase 5

Project Priority:

#15

Project Scope:

Roe Road Phase 5 will consist of a 3-lane widening of existing Roe Road (1.6 miles) between Scottwood Road and Neal Road as well as addition of a Class I path and stormwater infrastructure.

Project Description:

The Roe Road Extension Phase 5 is part a larger project to construct a new east-west roadway between Skyway and Pentz Road to improve circulation and connectivity throughout the Town and provide alternative ingress/egress routes for residential neighborhoods. The project will widen existing Roe Road between Skyway and Scottwood Drive to provide increased capacity during evacuation events. The project will also construct a parallel Class I bikeway for travel by people walking and bicycling and provides first responders a dedicated bi-directional travel lane during emergency events.

Funding:

Total Cost: \$21,049,870

Pre-Construction Cost: \$5,298,320

Construction Cost: \$15,751,550

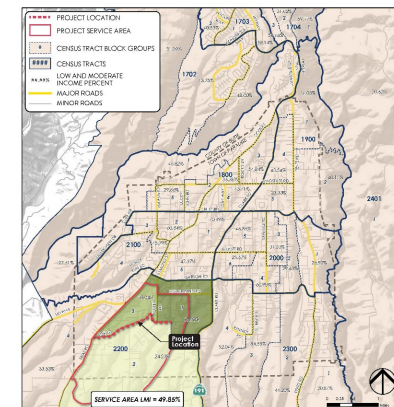
Existing Funding Resource: None

Unmet Need Pre-Construction: \$5,298,320

Unmet Need Construction: \$15,751,550

Long Term Recover Plan Tier and Project:

1 - Evacuation Routes



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Project Name:

Sawmill Class I

Project Priority:

#16

Project Scope:

The Sawmill Class I Project will construct 1.5-miles of paved Class I facility and 44 ADA Ramps between Bille Road and Pearson Road.

Project Description:

The Sawmill Class I Project will improve connections for multi-modal transportation users in the Town. The project proposes a separated Class I facility to improve connections to key destinations including Bille Park, Paradise Memorial Park, and residential neighborhoods. The Class I facility will be 10-feet wide to provide bi-directional lanes for people walking and bicycling, will include dark sky pathway lighting to retain the Town's rural characteristics, and will provide 44 ADA ramps to improve mobility for people in wheelchairs and with strollers.

Funding:

Total Cost: \$9,129,765

Pre-Construction Cost: \$1,103,400

Construction Cost: \$8,026,365

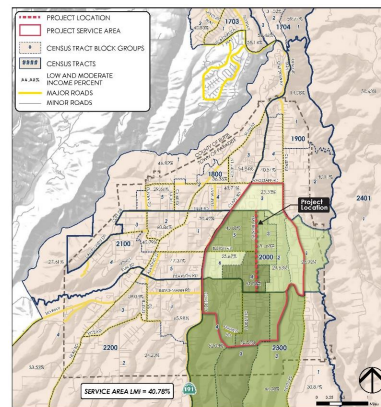
Existing Funding Resource: None

Unmet Need Pre-Construction: \$1,103,400

Unmet Need Construction: \$8,026,365

Long Term Recover Plan Tier and Project:

1 - Interconnect Path System



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Project Name:

Upper Skyway Widening

Project Priority:

#16

Project Scope:

The Upper Skyway Widening project will widen Upper Skyway from Bille Road to Pentz Road (2.7 miles) to include a 12-foot-wide center turn lane, widened shoulders, and a multi-use pathway. The project builds upon the FHWA disaster recovery efforts.

Project Description:

Skyway serves as the primary ingress/egress route for Town residents. Widening the road will improve evacuation along this route, provide an adequate shoulder to park disabled vehicles and reduce fire fuel proximity to the traveling public. The project includes a grade separated multi-use bike and pedestrian pathway create an interconnected path system. This pathway can function as an emergency ingress/egress during future evacuation events and provide an additional fire break.

Funding:

Total Cost: \$49,067,998

Pre-Construction Cost: \$19,195,610

Construction Cost: \$29,872,388

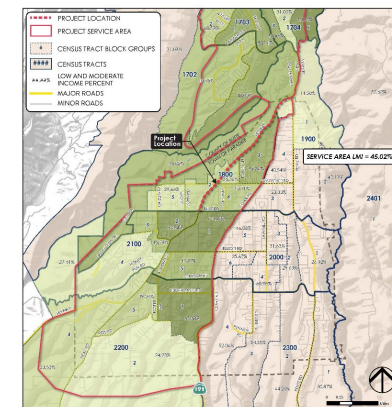
Existing Funding Resource: None

Unmet Need Pre-Construction: \$19,195,610

Unmet Need Construction: \$29,872,388

Long Term Recover Plan Tier and Project:

1 - Evacuation Routes



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Project Name:

Neal Road Widening

Project Priority:

#17

Project Scope:

The Neal Road Widening project will widen Neal Road from Skyway to the southern Town limits to include a 12-foot-wide center turn lane, increased shoulder widths, and installation of a new multi-use pathway. The project builds upon the FHWA disaster recovery efforts to reconstruct the existing pavement.

Project Description:

Widening the road will improve evacuation efficiency along this route, provide an adequate shoulder to park disabled vehicles, provide additional evacuation capacity, and reduce fire fuel proximity to the traveling public. The project includes a grade separated multi-use bike and pedestrian pathway to create an interconnected path system. This pathway can also function as emergency vehicle ingress/egress during future evacuation events and provide an additional fire break.

Funding:

Total Cost: \$25,308,880

Pre-Construction Cost: \$8,215,670

Construction Cost: \$17,093,210

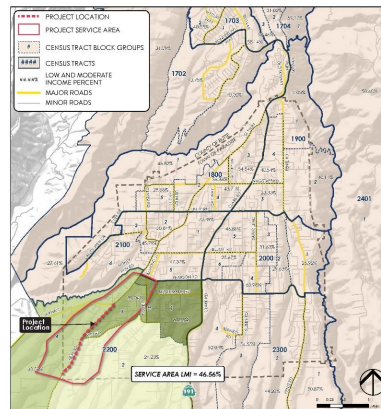
Existing Funding Resource: Unsecured

Unmet Need Pre-Construction: \$8,215,670

Unmet Need Construction: \$17,093,210

Long Term Recover Plan Tier and Project:

1 - Evacuation Routes



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Project Name:

On-System Culvert Replacement

Project Priority:

#18

Project Scope:

The On-System Culvert Replacement Project involves replacing damaged On-System High Density Poly Ethylene (HDPE) "plastic" culverts with Reinforced Concrete Pipe (RCP) culverts, including restoration of the roadway section above the pipe at various locations. The project is funded through FHWA Emergency Relief.

Project Description:

The project will repair damaged culverts at 25 locations along evacuation routes to improve safety and provide safe and effective management of storm runoff. Consistent with the Long-Term Recovery Plan, the project provides for a more sustainable and greener community.

Funding:

Total Cost: \$880,400

Pre-Construction Cost: \$73,900

Construction Cost: \$806,500

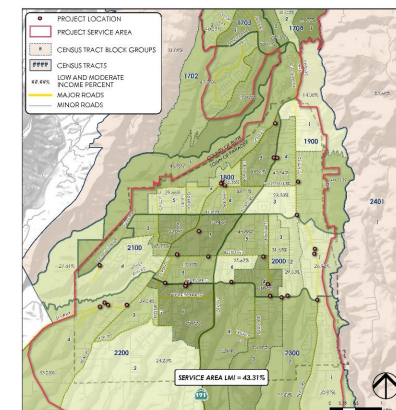
Existing Funding Resource: FHWA-Emergency Relief

Unmet Need Pre-Construction: \$18,475

Unmet Need Construction: \$201,625

Long Term Recover Plan Tier and Project:

1 - Evacuation Routes



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Project Name:

Valley View Class I

Project Priority:

#18

Project Scope:

Construct 1.2-miles of paved Class I facility and 30 ADA ramps.

Project Description:

The Valley View Class I Project will improve connections for multi-modal transportation users in the Town of Paradise. The project proposes a separated Class I facility to improve connections to key destinations including Downtown Paradise, Bille Park, and the Terre Ashe Recreation Center. The Class I facility will be 10-feet wide to provide bi-directional lanes for people walking and bicycling, will include dark sky pathway lighting to retain the Town's rural characteristics, and will provide 30 ADA ramps to improve mobility for people in wheelchairs and with strollers.

Funding:

Total Cost: \$8,973,865

Pre-Construction Cost: \$947,500

Construction Cost: \$8,026,365

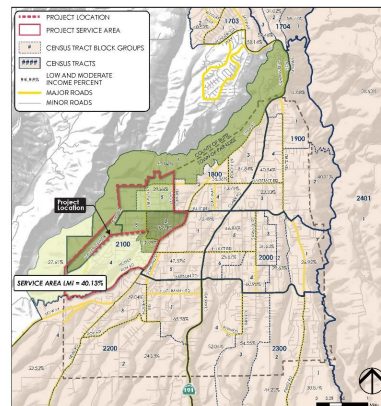
Existing Funding Resource: None

Unmet Need Pre-Construction: \$947,500

Unmet Need Construction: \$8,026,365

Long Term Recover Plan Tier and Project:

1 - Interconnect Path System



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(530) 872-6291

Project Name:

Upper Clark Road Widening

Project Priority:

#19

Project Scope:

The Upper Clark Road Widening project will widen Clark Road from Wagstaff Road to Skyway (1.5-mile segment) to include a 12-foot-2ide center turn lane, widened shoulders, and a multi-use pathway. The project builds upon the FHWA disaster recovery efforts.

Project Description:

Widening the road will improve evacuation along this route, provide an adequate shoulder to park disabled vehicles and reduce fire fuel proximity to the traveling public. Consistent with the Long-Term Recovery Plan, the project includes a grade separated multi-use bike and pedestrian pathway to create an interconnect path system. This pathway can function as emergency ingress/egress during future evacuation events and provide an additional fire break.

Funding:

Total Cost: \$25,007,475

Pre-Construction Cost: \$8,409,865

Construction Cost: \$16,597,610

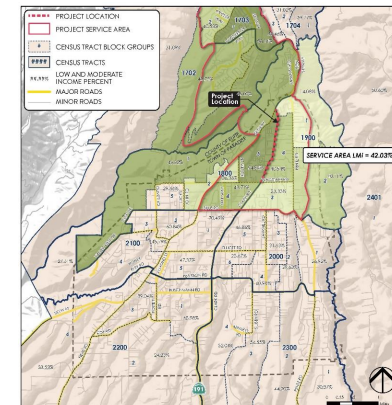
Existing Funding Resource: None

Unmet Need Pre-Construction: \$8,409,865

Unmet Need Construction: \$16,597,610

Long Term Recover Plan Tier and Project:

1 - Evacuation Routes



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Project Name:

Wagstaff Class I

Project Priority:

#19

Project Scope:

The Wagstaff Class I Project will construct 2-miles of paved Class I facility and 52 ADA ramps between Oliver Road and Bille Road.

Project Description:

The Wagstaff Class I Project will improve connections for multi-modal transportation users in the Town of Paradise. The project proposes a separated Class I facility to improve connections to key destinations including Downtown Paradise, Bille Park, Yellowstone Kelly Heritage Trail, and the Terre Ashe Recreation Center. The Class I facility will be 10-feet wide to provide bi-directional lanes for people walking and bicycling, will include dark sky pathway lighting to retain the Town's rural characteristics, and will provide 52 ADA ramps to improve mobility for people in wheelchairs and with strollers.

Funding:

Total Cost: \$12,638,530

Pre-Construction Cost: \$1,945,300

Construction Cost: \$10,693,230

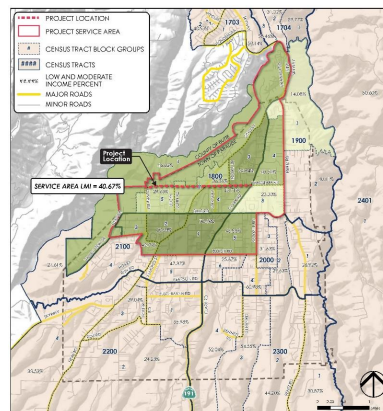
Existing Funding Resource: None

Unmet Need Pre-Construction: \$1,945,300

Unmet Need Construction: \$10,693,230

Long Term Recover Plan Tier and Project:

1 - Interconnect Path System



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Project Name:

Elliott Road West Extension

Project Priority:

#20

Project Scope:

The Elliott Road West Extension will construct a 0.45-mile new roadway alignment from its westerly terminus at Oakmore Drive to Pinewood Drive. The project will include a two-lane roadway, wide shoulders, Class I multi-use pathway, storm drainage infrastructure, and bridge over Honey Run Creek.

Project Description:

The project will extend Elliott Road to create an alternative ingress/egress route for the residential neighborhood and connection with Skyway evacuation route, reducing driving distance by up to 1-mile. The project improves access to evacuation routes, completes missing road segments, reduces dead-end streets, reduces fire fuel proximity to the roadway, adds a multi-use path to contribute to the interconnected path system, and is consistent with Paradise Long-Term Recovery Plan.

Funding:

Total Cost: \$850,011

Pre-Construction Cost: \$482,600

Construction Cost: \$367,411

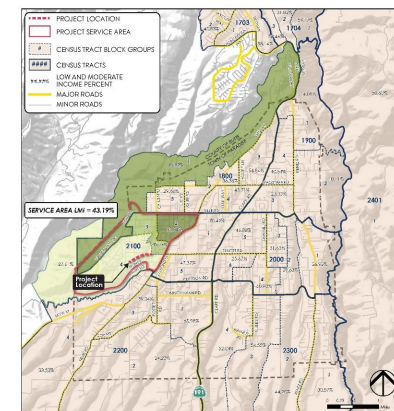
Existing Funding Resource: None

Unmet Need Pre-Construction: \$38,000

Unmet Need Construction: \$291,600

Long Term Recover Plan Tier and Project:

1 - Missing Road Segment



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Project Name:

Category 4 Tree Removal

Project Priority:

#21

Project Scope:

The Category 4 Tree Removal project will remove the standing burnt trees within the Town of Paradise (Category 4 trees) which were burned due to the Camp Fire.

Project Description:

Category 4 trees are defined as hazard trees on private property that constitute a fire hazard. This project will remove between 30,000 and 55,000 trees, including an estimated 222,700 trees on the "back forty" of private property, to reduce the fire hazard and the risk of Bark Beetle infestation.

Funding:

Total Cost: \$11,747,128

Pre-Construction Cost: N/A

Construction Cost: \$11,747,128

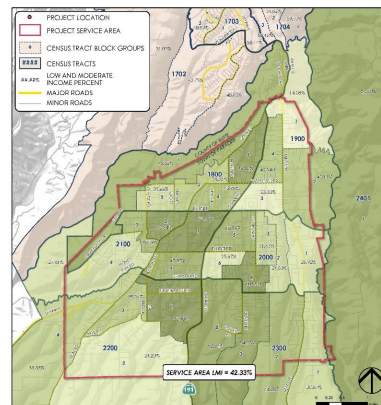
Existing Funding Resource: None

Unmet Need Pre-Construction: N/A

Unmet Need Construction: \$11,747,128

Long Term Recover Plan Tier and Project:

1 - Standing Burnt Tree Removal



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Project Name:

Category 4 Tree Removal Additional

Project Priority:

#22

Project Scope:

The Category 4 Tree Removal project will remove the standing burnt trees within the Town of Paradise (Category 4 trees) which were burned due to the Camp Fire.

Project Description:

Category 4 trees are defined as hazard trees on private property that constitute a fire hazard. This project will remove between 30,000 and 55,000 trees, including an estimated 222,700 trees on the "back forty" of private property, to reduce the fire hazard and the risk of Bark Beetle infestation.

Funding:

Total Cost: \$10,000,000

Pre-Construction Cost: N/A

Construction Cost: \$10,000,000

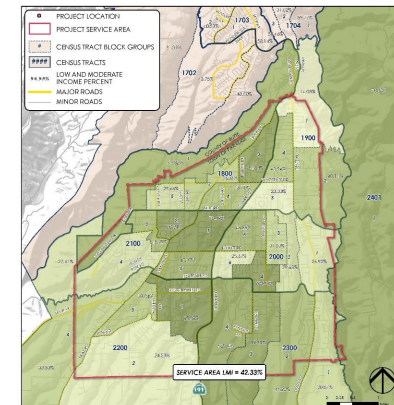
Existing Funding Resource: None

Unmet Need Pre-Construction: N/A

Unmet Need Construction: \$10,000,000

Long Term Recover Plan Tier and Project:

1 - Standing Burnt Tree Removal



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Project Name:

Forest Service Road Improvements & Extension

Project Priority:

#22

Project Scope:

The project acquires the right of way and improves approximately 1,940 feet of Forest Service Road by removing a layer of existing pavement via Cold Plane (CP) and resurfacing with hot mix asphalt overlay (HMA). In addition, the project extends the road from its current east-west alignment 900 feet west to connect to Skyway. Improvements include paving, striping, new shoulders, bike lane, and drainage facilities.

Project Description:

The project improves and extends Forest Service Road, an east-west route connecting Clark Road to a public roadway. Butte County Fire Station 35 is at the corner of Forest Service Road and Moore Road. The improved roadway will provide a missing connection between Skyway and Clark Road, primary evacuation routes for the community.

Funding:

Total Cost: \$1,706,351

Pre-Construction Cost: 1,213,444

Construction Cost: \$542,907

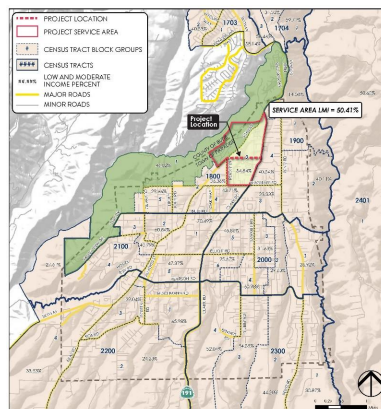
Existing Funding Resource: None

Unmet Need Pre-Construction: \$1,213,444

Unmet Need Construction: \$542,907

Long Term Recover Plan Tier and Project:

1 - Missing Road Segment



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Project Name:

Black Olive/Foster Intersection Improvements

Project Priority:

#23

Project Scope:

The Black Olive/Foster Intersection Improvements project will include roadway realignment, the construction of turn lanes, and the installation of a traffic signal or a roundabout.

Project Description:

The Black Olive/Foster Intersection Improvements project will realign Black Olive Drive both horizontally and vertically through the Foster Drive intersection, construct additional turn lanes, and revise the intersection controls. The project includes constructing either a traffic signal system or roundabout. The intersection control decision will be made during the engineering feasibility study (early phase) of the project. The project includes right-of-way acquisition in the intersection vicinity which will be required to realign the roadway in accordance with nationally recognized design guidelines.

Funding:

Total Cost: \$5,000,000

Pre-Construction Cost: \$652,200

Construction Cost: \$4,347,800

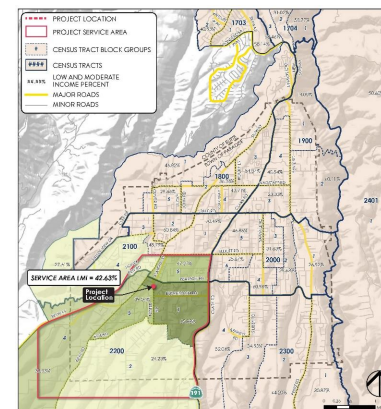
Existing Funding Resource: None

Unmet Need Pre-Construction: \$652,200

Unmet Need Construction: \$4,347,800

Long Term Recover Plan Tier and Project:

1 - Evacuation Routes



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Project Name:

General Plan Update

Project Priority:

#23

Project Scope:

The General Plan Update project will complete a comprehensive General Plan and Zoning Ordinance update. The Town's General Plan has not been updated since 1994.

Project Description:

Updating development goals and reaffirming land use patterns is central to recovery. A comprehensive General Plan Update will be a community-driven process that allows for meaningful community engagement and aligns local priorities and needs to post-fire reconstruction.

Funding:

Total Cost: \$1,200,000

Pre-Construction Cost: \$1,200,000

Construction Cost: N/A

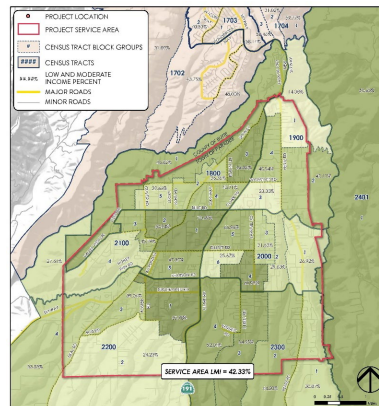
Existing Funding Resource: None

Unmet Need Pre-Construction: \$1,200,000

Unmet Need Construction: N/A

Long Term Recover Plan Tier and Project:

1 - Planning and Zoning



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Project Name:

Changeable Message Sign Network

Project Priority:

#24

Project Scope:

The Changeable Message Sign Network project provides approximately 10 mobile, changeable message signs equipped with remote and manual programming capabilities that can be mounted to trailers as needed.

Project Description:

The Changeable Message Sign Network project will provide approximately 10 mobile (trailer mounted) changeable message signs to be deployed along evacuation routes and at key intersections in the Town of Paradise during emergency events. The signs are intended to be equipped with remote programming/controls, noting that wireless communications could potentially be down during an emergency and manual programming would then be required. Some signs may be used regularly or during pending events to relay important information.

Funding:

Total Cost: \$130,000

Pre-Construction Cost: \$15,000

Construction Cost: \$115,000

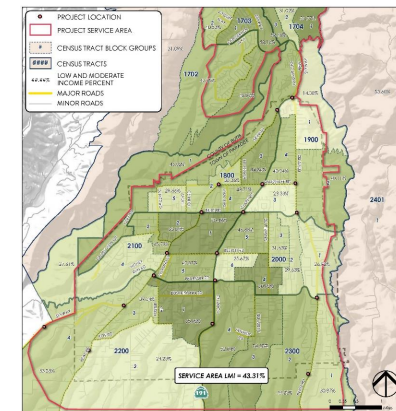
Existing Funding Resource: None

Unmet Need Pre-Construction: \$15,000

Unmet Need Construction: \$115,000

Long Term Recover Plan Tier and Project:

1 - Emergency Notification



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Project Name:

Sewer Service Area Specific Plan

Project Priority:

#24

Project Scope:

The Sewer Service Area Specific Plan project will analyze the impacts of installing a sewer system in the Town's Downtown and Commercial areas.

Project Description:

The project will study the impacts of constructing a sewer system along Skyway, Pearson Road, and Clark Road as well as in Downtown. The specific plan will study how the sewer system will influence commercial and residential rebuilding efforts, land use patterns, and economic revitalization.

Funding:

Total Cost: \$800,000

Pre-Construction Cost: \$800,000

Construction Cost: N/A

Existing Funding Resource: None

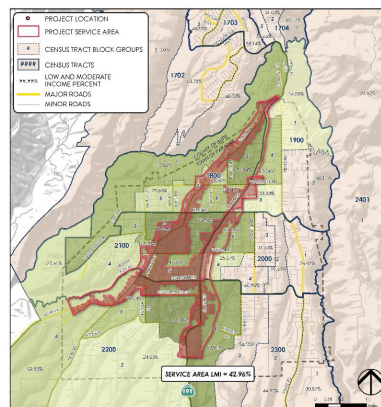
Unmet Need Pre-Construction: \$800,000

Unmet Need Construction: N/A

Long Term Recover Plan

Tier and Project:

1 – Sewer System



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Project Name:

Clark Spot Widening

Project Priority:

#25

Project Scope:

The Clark Road Spot Widening Project will widen 0.22-miles of Clark Road between Wagstaff Road and Bille Road to include a 12-foot wide two way left turn lane.

Project Description:

Clark Road serves as a primary evacuation route for not only the Town but also the communities of Magalia, Paradise Pines, DeSabra, Lovelock, and Sterling City. There is a critical chokepoint between Wagstaff Road and Bille Road. The chokepoint is a result of a one-lane reduction from five to four lanes, where the roadway loses a two way left turn lane for 0.22-miles. During evacuation events, Clark Road will serve one-way vehicle throughput, whereas the lane reduction will force lane merging and cause evacuation efficiency delays.

Funding:

Total Cost: \$1,684,300

Pre-Construction Cost: \$194,300

Construction Cost: \$1,490,000

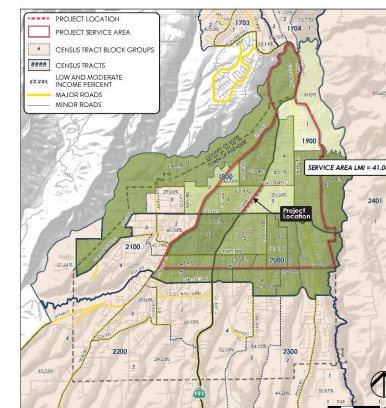
Existing Funding Resource: None

Unmet Need Pre-Construction: \$194,300

Unmet Need Construction: \$1,490,000

Long Term Recover Plan Tier and Project:

1 - Evacuation Routes



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Project Name:

Defensible Space Code Enforcement

Project Priority:

#25

Project Scope:

The Defensible Space Code Enforcement project will update residential codes and standards to improve fire resiliency.

Project Description:

The project will assist in providing certainty to homeowners during the rebuilding process and beyond. Hardened building envelopes combined with aggressive fuel reduction would increase safety.

Funding:

Total Cost: \$691,460

Pre-Construction Cost: N/A

Construction Cost: \$691,460

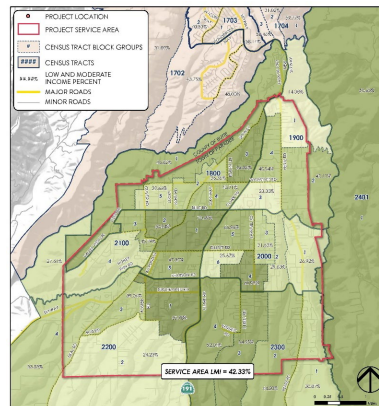
Existing Funding Resource: FEMA HMGP

Unmet Need Pre-Construction: N/A

Unmet Need Construction: \$172,865

Long Term Recover Plan Tier and Project:

1 - Updated Rebuilding Codes/Standards



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Project Name:

Hazardous Fuel Reduction Program

Project Priority:

#25

Project Scope:

The Defensible Space Code Enforcement project will remove hazardous fuel in the wake of the Camp Fire within Town.

Project Description:

The project will dispose of most vegetative debris at the Green Waste Yard adjacent to the Public Works yard on American Way in Paradise.

Funding:

Total Cost: \$8,465,986

Pre-Construction Cost: N/A

Construction Cost: \$8,465,986

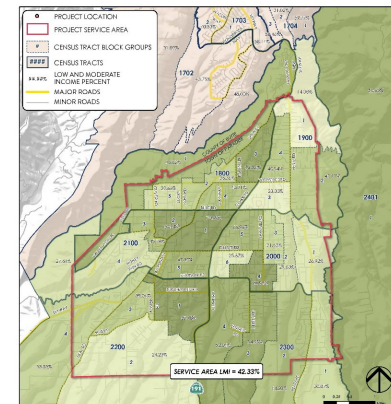
Existing Funding Resource: FEMA HMGP

Unmet Need Pre-Construction: N/A

Unmet Need Construction: \$2,116,497

Long Term Recover Plan Tier and Project:

1 - Fuels Management Plan



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(530) 872-6291

Project Name:

Clark Class I

Project Priority:

#26

Project Scope:

The Clark Road Class I Path Project will construct 3.4-miles of paved Class I facility, 12 ADA camps, 1 new crosswalk, and 1 rectangular rapid flashing beacon (RRFB) from Skyway to Pearson Road.

Project Description:

The project proposes a separated Class I facility to improve connections to key destinations including Downtown Paradise, Paradise Memorial Park, Terre Ashe Recreation Center, and Moore Road Park. The Class I facility will be 10-feet wide to provide bi-directional lanes for people walking and bicycling, will include dark sky pathway lighting to retain the Town's rural characteristics, and will provide 12 ADA ramps to improve mobility for people in wheelchairs and with strollers. A new crosswalk with a RRFB will be installed to improve visibility of pedestrians and bicyclists at the crossing.

Funding:

Total Cost: \$21,554,691

Pre-Construction Cost: \$4,001,100

Construction Cost: \$17,553,591

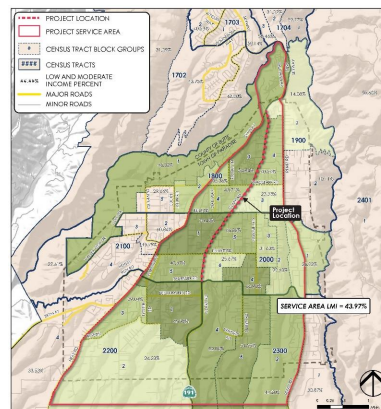
Existing Funding Resource: None

Unmet Need Pre-Construction: \$4,001,100

Unmet Need Construction: \$17,553,591

Long Term Recover Plan Tier and Project:

1 - Interconnect Path System



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Project Name:

Libby Road Extension

Project Priority:

#26

Project Scope:

The Libby Road Extension will construct a 0.25-mile facility between Nunneley Road and Elliott Road. The project will include two travel lanes, wide shoulders, sidewalks, and storm drainage infrastructure.

Project Description:

Libby Road is a north-south corridor within the Town with a critical missing link between Nunneley Road and Elliott Road. The 0.25-mile missing roadway segment will be completed by the proposed project to provide Town residents an alternative ingress/egress route connecting with evacuation corridors. The project will also improve the existing Libby Road from Pearson Road to Nunneley Road.

Funding:

Total Cost: \$5,898,678

Pre-Construction Cost: \$1,317,084

Construction Cost: \$4,581,594

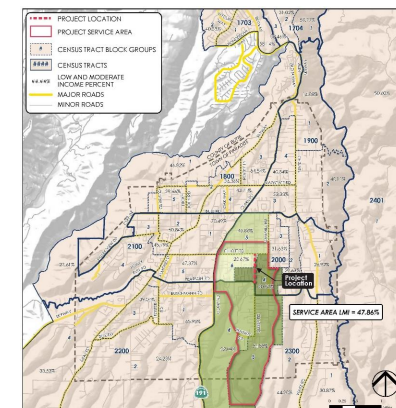
Existing Funding Resource: None

Unmet Need Pre-Construction: \$1,317,084

Unmet Need Construction: \$4,581,594

Long Term Recover Plan Tier and Project:

1 - Missing Road Segment



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Project Name:

On-System Hardscape Replacement

Project Priority:

#26

Project Scope:

The On-System Hardscape Replacement Project involves removal and replacement of damaged concrete curb, gutter, and sidewalk at 22 locations along on-system roads that are part of the federal-aid system. The project is partially funded through FHWA Emergency Relief.

Project Description:

The project will repair damaged hardscape along on-system roads to improve safety. The Town's hardscape sustained heavy damage in the wake of the Camp fire. Damaged areas pose a hazard to pedestrians and bicyclists. Consistent with the Long-Term Recovery Plan, the project repairs will support an interconnected path system and walkable downtown.

Funding:

Total Cost: \$767,100

Pre-Construction Cost: \$73,900

Construction Cost: \$693,200

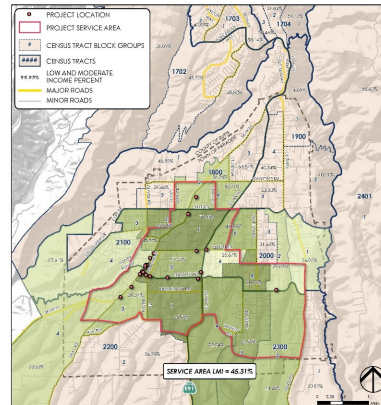
Existing Funding Resource: FHWA-Emergency Relief

Unmet Need Pre-Construction: \$18,475

Unmet Need Construction: \$173,300

Long Term Recover Plan Tier and Project:

1 - Walkable Downtown



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Project Name:

Shay Lane Extension

Project Priority:

#27

Project Scope:

The Shay Lane Extension project constructs a 0.07-mile roadway from its southerly terminus to Center Pine Drive. The extension will consist of a two-lane roadway with wide shoulders, sidewalks, and storm drainage infrastructure.

Project Description:

The project will extend Shay Lane by 0.07-miles to connect with Center Pine Drive and Stark Lane, providing an alternative ingress/egress route to connect with Pentz Road. The project improves access to evacuation routes, completes missing road segments, reduces dead-end streets, reduces fire fuel proximity to the roadway and is consistent with the Town Long-Term Recovery Plan.

Funding:

Total Cost: \$849,633

Pre-Construction Cost: \$348,128

Construction Cost: \$501,505

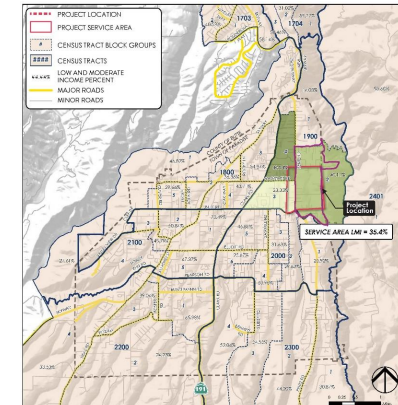
Existing Funding Resource: None

Unmet Need Pre-Construction: \$348,128

Unmet Need Construction: \$501,505

Long Term Recover Plan Tier and Project:

1 - Long Dead-End Streets



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Project Name:

Storm Drain Master Plan

Project Priority:

#27

Project Scope:

Develop a master plan to guide the implementation of new comprehensive drainage infrastructure improvements that will provide safe and effective management of storm water runoff. The plan will review 100 miles of existing stormwater infrastructure and study future needs, including impacts from the 2018 Camp Fire.

Project Description:

The project will develop a Storm Drain Master plan to effectively implement drainage and infrastructure improvements to protect the Town from storm water runoff. The plan would provide the Town with critical information to prioritize and implement needed storm water infrastructure improvements that will decrease the quantity of runoff, reduce risk of flooding and improve the quality of water.

Funding:

Total Cost: \$513,774

Pre-Construction Cost: \$513,774

Construction Cost: N/A

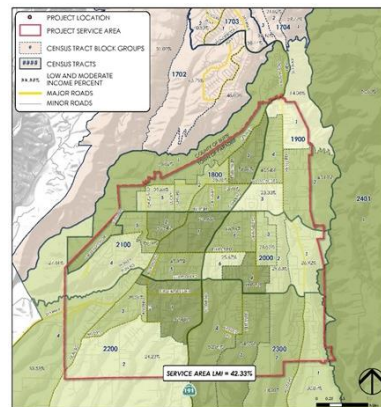
Existing Funding Resource: FEMA Hazard Mitigation Grant

Unmet Need Pre-Construction: \$128,444

Unmet Need Construction: N/A

Long Term Recover Plan Tier and Project:

2 - Sustainable Stormwater and Drainage



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Project Name:

Moore Road Improvements

Project Priority:

#28

Project Scope:

The project acquires the right of way and improves 2,413.12 linear feet (approximately 0.5 miles) of Moore Road to a public roadway. The project removes a layer of existing pavement via Cold Plane (CP) and resurfaces with hot mix asphalt overlay (HMA). Improvements include paving, pavement marking, sidewalks, and storm drain infrastructure.

Project Description:

The project improves Moore Road, a north-south route connecting Forest Service Road through Herb Lane to the northern limit of Skyway. Rehabilitation of Moore Road will improve egress/ingress of emergency response vehicles. This project combined with the Forest Service Road Improvements & Extension project, increase access to Skyway and Clark Road are primary evacuation routes for the community.

Funding:

Total Cost: \$1,436,639

Pre-Construction Cost: \$1,305,176

Construction Cost: \$401,463

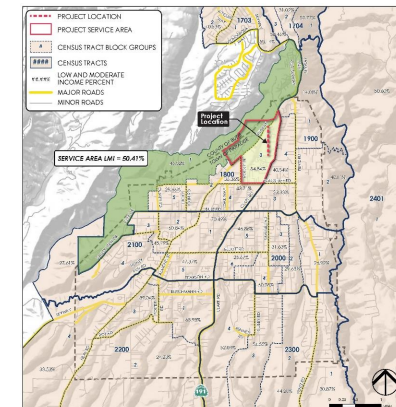
Existing Funding Resource: None

Unmet Need Pre-Construction: \$1,305,176

Unmet Need Construction: \$401,463

Long Term Recover Plan Tier and Project:

1 - Missing Road Segment



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Project Name:

Residential Ignition Resistant Improvement Program

Project Priority:

#28

Project Scope:

The Residential Ignition Resistant Improvement Program will update protocols for assessing compliance with current codes and standards for structures that survived the Camp Fire. It will also develop improvements as well as establish the process for improvement applications/application approval and subsequent improvement implementation.

Project Description:

This project is split between two phases. Phase one is update protocols for assessing compliance with current codes and standards for structures that survived the Camp Fire. After the process is developed, the Town would then begin accepting and approval of applications through completion of the actual project. Phase two will consist of approving projects and notifying the homeowner to proceed with the approved scope of work.

Funding:

Total Cost: \$8,465,986

Pre-Construction Cost: N/A

Construction Cost: \$8,465,986

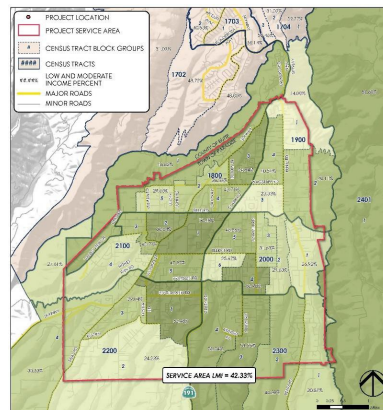
Existing Funding Resource: None

Unmet Need Pre-Construction: N/A

Unmet Need Construction: \$8,465,986

Long Term Recover Plan Tier and Project:

2 - Education Program



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Project Name:

Skyway Class I

Project Priority:

#28

Project Scope:

Construct 0.3-miles of paved Class I facility and 1 ADA ramp from Oliver Road to the Yellowstone Kelly Heritage Trail.

Project Description:

The project proposes a separated Class I facility to improve connections to key destinations including Downtown Paradise, Bille Park, and the Terre Ashe Recreation Center. The Class I facility will be 10-foot wide to provide bi-directional lanes for people walking and bicycling, will include dark sky pathway lighting to retain the Town's rural characteristics, and will provide 1 ADA ramp to improve mobility for people in wheelchairs and with strollers.

Funding:

Total Cost: \$3,371,677

Pre-Construction Cost: \$1,763,800

Construction Cost: \$1,607,877

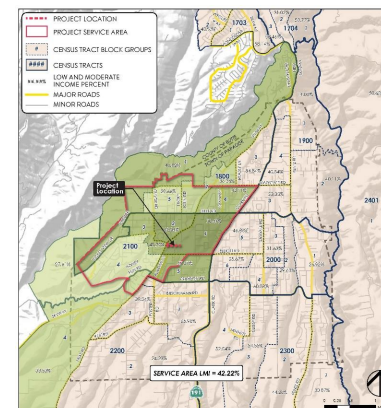
Existing Funding Resource: None

Unmet Need Pre-Construction: \$1,763,800

Unmet Need Construction: \$1,607,877

Long Term Recover Plan Tier and Project:

1 - Interconnect Path System



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(530) 872-6291

Project Name:

Skyway Connectivity

Project Priority:

#29

Project Scope:

The Skyway Connectivity Project will construct 5 segments of sidewalk infill totaling 4,255 linear feet, 20 new ADA ramps, and stripe 3,165 linear feet of on-street bicycle lanes between Wagstaff Road and Bille Road. The project also constructs 20 ADA ramps and undergrounds overhead utilities.

Project Description:

The proposed project will provide infrastructure improvements for people walking and bicycling in the corridor to reach destinations throughout Town. The proposed improvements serve a dual purpose and provide increased capacity for citizens as well as ingress/egress for emergency response vehicles during evacuation events.

Funding:

Total Cost: \$4,461,689

Pre-Construction Cost: \$656,000

Construction Cost: \$3,805,689

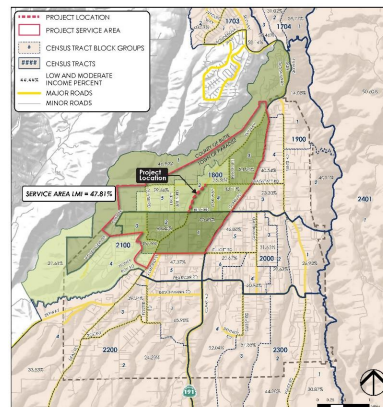
Existing Funding Resource: None

Unmet Need Pre-Construction: \$656,000

Unmet Need Construction: \$3,805,689

Long Term Recover Plan Tier and Project:

1 - Interconnect Path System



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Town of Paradise
Public Works/Engineering Department
5555 Skyway
Paradise, CA 95969
(530) 872-6291

Project Name:

Toyon Lane Reconstruction

Project Priority:

#29

Project Scope:

The scope includes acquisition of a 0.5 mile long, privately-owned roadway and reconstruction of the roadway to two lanes with shoulders to improve circulation, emergency preparedness, response, and provide an additional north-south evacuation route for area residents.

Project Description:

Toyon Lane is currently a private road that connects Roe Road and Foster Road. It is approximately 0.5 miles long. Acquiring the road and reconstructing it to Town standards will improve circulation and access by providing another north-south connector that will increase evacuation capacity, improve public safety, and provide compatibility for affordable multi-family housing for the region. In addition, an extension of Roe Road is planned to establish a cross-town connection to Neal Road, a primary evacuation route.

Funding:

Total Cost: \$3,880,420

Pre-Construction Cost: \$1,263,750

Construction Cost: \$2,616,670

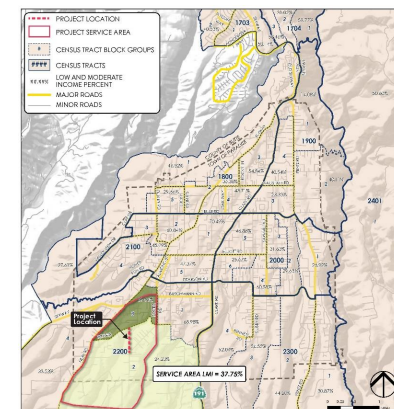
Existing Funding Resource: None

Unmet Need Pre-Construction: \$1,263,750

Unmet Need Construction: \$2,616,670

Long Term Recover Plan Tier and Project:

2 - Sustainable Stormwater and Drainage



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Town of Paradise
Public Works/Engineering Department
5555 Skyway
Paradise, CA 95969
(530) 872-6291

Project Name:

Pentz Pathway Phase II

Project Priority:

#30

Project Scope:

The Pentz Pathway Phase II Project will construct 16,896 linear feet of a 10-foot-wide Class I multi-use facility complete with 2-foot-wide shoulders, lighting, and storm drain accommodations between Skyway to Wagstaff Road and Bille Road to Malibu Drive. Additional improvements include 80 new ADA ramps, 7 new RRFB signals, and 27 crossing surface improvements.

Project Description:

The proposed project will provide infrastructure improvements for people walking and bicycling in the corridor to reach destinations throughout Town. The project will extend from the recently constructed Pentz Project Phase I north to Skyway, as well as south to Pearson. The project proposes a 10-foot-wide Class I multi-use facility with 2-foot shoulders, lighting, storm drain accommodations, ADA ramps, RRFB's, and crossing surface improvements.

Funding:

Total Cost: \$27,164,964

Pre-Construction Cost: \$2,334,200

Construction Cost: \$24,830,764

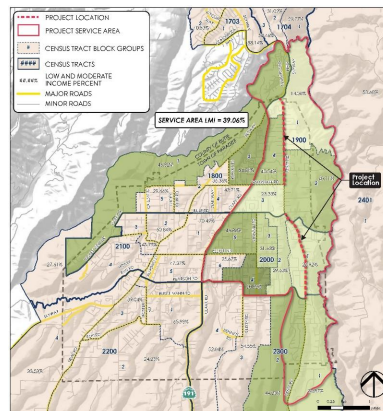
Existing Funding Resource: Congestion Mitigation and Air Quality

Unmet Need Pre-Construction: \$1,634,200

Unmet Need Construction: \$24,830,764

Long Term Recover Plan Tier and Project:

1 - Interconnect Path System



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Town of Paradise
Public Works/Engineering Department
5555 Skyway
Paradise, CA 95969
(530) 872-6291

Project Name:

Traffic Management Center

Project Priority:

#30

Project Scope:

The Traffic Management Center project will construct a central Traffic Management Center (TMC) hub, including acquiring appropriate computer and software systems and will require hiring trained personnel to monitor signals.

Project Description:

The project would construct a Traffic Management Center (TMC) for the Town of Paradise. The TMC will be the central hub for Town control of the roadway network during an emergency, particularly the signalized intersections (approximately 16 signals). Within the TMC, trained personnel will be able to monitor traffic signals in-real time and manage the signals and roadway system. TMC personnel will have the ability to share information and coordinate with state and local authorities during emergencies.

Funding:

Total Cost: \$3,500,000

Pre-Construction Cost: \$456,500

Construction Cost: \$3,043,500

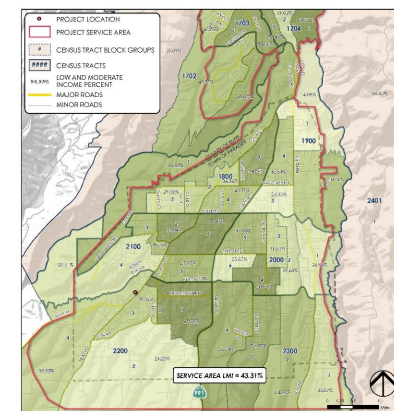
Existing Funding Resource: None

Unmet Need Pre-Construction: \$456,500

Unmet Need Construction: \$3,043,500

Long Term Recover Plan Tier and Project:

1 - Evacuation Routes



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Town of Paradise
Public Works/Engineering Department
5555 Skyway
Paradise, CA 95969
(530) 872-6291

Project Name:

Paradise Gateway

Project Priority:

#31

Project Scope:

The Paradise Gateway Project will construct an 8,554-foot long, grade-separated, Class I multi-use facility along Neal Road and 4,752 linear feet of sidewalk infill along Skyway between Neal Road and Pearson Road. The project also constructs 50 ADA ramps, up to 3 Rectangular Rapid Flashing Beacons (RRFBs), and undergrounds overhead utilities.

Project Description:

The proposed project will provide infrastructure improvements for people walking and bicycling in the corridor to reach destinations throughout Town. The project will provide an 8,554-foot grade-separated, Class I multi-use facility along Neal Road, 50 ADA ramps, up to 3 RRFBs, and 4,752 linear feet of sidewalk infill along Skyway between Neal Road and Pearson Road.

Funding:

Total Cost: \$10,066,526

Pre-Construction Cost: \$1,500,000

Construction Cost: \$24,830,764

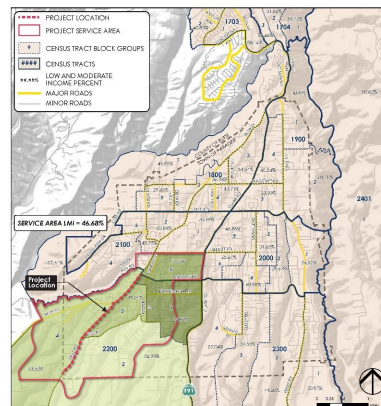
Existing Funding Resource: Congestion Mitigation and Air Quality

Unmet Need Pre-Construction: \$950,000

Unmet Need Construction: \$8,566,526

Long Term Recover Plan Tier and Project:

1 - Interconnect Path System



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Town of Paradise
Public Works/Engineering Department
5555 Skyway
Paradise, CA 95969
(530) 872-6291

Project Name:

Traffic Signal Interconnect

Project Priority:

#31

Project Scope:

The Traffic Signal Interconnect project will install updated, underground interconnect infrastructure that will service all 16 signals within the Town's limits. Existing equipment will be upgraded at controllers and cabinets as needed.

Project Description:

The Traffic Signal Interconnect project will provide signal interconnect to all signalized intersections in the Town of Paradise (16 signals) connecting to the proposed Traffic Management Center (TMC). The purpose of the project is to provide remote monitoring of intersections and changing of signal timings in real-time during an evacuation or other emergency events to reduce evacuation times. The interconnect infrastructure should be underground and hardened to protect against fire threat.

Funding:

Total Cost: \$10,500,000

Pre-Construction Cost: \$1,369,600

Construction Cost: \$9,130,400

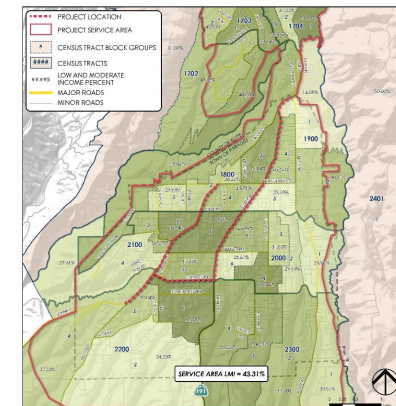
Existing Funding Resource: None

Unmet Need Pre-Construction: \$1,369,600

Unmet Need Construction: \$9,130,400

Long Term Recover Plan Tier and Project:

1 - Evacuation Routes



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Town of Paradise
Public Works/Engineering Department
5555 Skyway
Paradise, CA 95969
(530) 872-6291

Project Name:

Bille Road Class I

Project Priority:

#33

Project Scope:

The Bille Road Class I Path project will construct 3-miles of grade-separated paved Class I facility and 84 ADA ramps between Bille Park and Pentz Road.

Project Description:

The Bille Road Class I Path Project will improve connections for multi-modal transportation users in the Town. The project proposes a separated Class I facility to improve connections to key destinations including Bille Park, Yellowstone Kelly Heritage Trail, and Ponderosa Elementary School. The Class I facility will be 10-feet wide to provide bi-directional lanes for people walking and bicycling, will include dark sky pathway lighting to retain the Town's rural characteristics, and will provide 84 ADA ramps to improve mobility for people in wheelchairs and with strollers.

Funding:

Total Cost: \$17,865,526

Pre-Construction Cost: \$2,361,700

Construction Cost: \$15,503,826

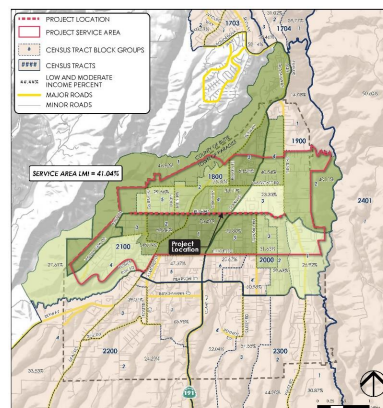
Existing Funding Resource: None

Unmet Need Pre-Construction: \$2,361,700

Unmet Need Construction: \$15,503,826

Long Term Recover Plan Tier and Project:

1 - Interconnect Path System



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Town of Paradise
Public Works/Engineering Department
5555 Skyway
Paradise, CA 95969
(530) 872-6291

Project Name:

Bille Road Extension

Project Priority:

#34

Project Scope:

The Bille Road Extension project will construct 0.3-mile extension of Bille Road from its easterly terminus to Mountain View Drive. The project will consist of a two-lane roadway with wide shoulders, sidewalks, and storm drainage infrastructure.

Project Description:

Bille Road dead-ends east of Alexander Court, 0.2-miles east of primary evacuation route, Pentz Road. Residences on Stark Lane and Mountain View Drive currently have only one ingress/egress route. The project will extend Bille Road 0.3-miles east to Mountain View Drive and provide an alternative ingress/egress route for residents to access Pentz.

Funding:

Total Cost: \$2,598,810

Pre-Construction Cost: \$691,624

Construction Cost: \$1,907,186

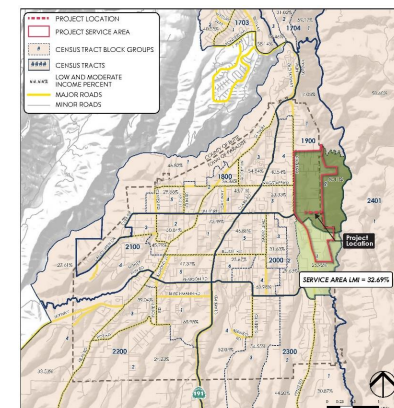
Existing Funding Resource: None

Unmet Need Pre-Construction: \$691,624

Unmet Need Construction: \$1,907,186

Long Term Recover Plan Tier and Project:

1 - Missing Road Segment



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Town of Paradise
Public Works/Engineering Department
5555 Skyway
Paradise, CA 95969
(530) 872-6291

Project Name:

Honey Run Road Improvements

Project Priority:

#35

Project Scope:

The Honey Run Road Improvements Project will reconfigure the roadway to improve capacity and address evacuation needs. The project will provide roadway restriping and spot widening.

Project Description:

The proposed project will restripe the existing right of way and remove any vertical elements within the roadway. The improvements will enhance a secondary evacuation route and connection to Skyway.

Funding:

Total Cost: \$80,000

Pre-Construction Cost: \$20,000

Construction Cost: \$60,000

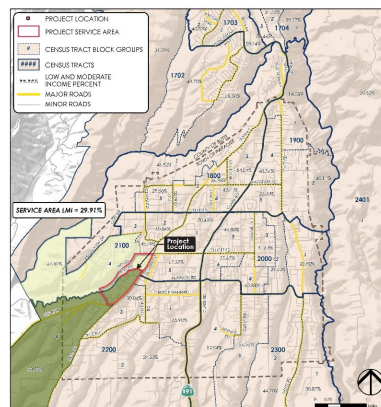
Existing Funding Resource: None

Unmet Need Pre-Construction: \$20,000

Unmet Need Construction: \$60,000

Long Term Recover Plan Tier and Project:

1 - Evacuation Routes



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Town of Paradise
Public Works/Engineering Department
5555 Skyway
Paradise, CA 95969
(530) 872-6291

Project Name:

Skyway/Pentz Intersection Improvements

Project Priority:

#36

Project Scope:

The Skyway/Pentz Intersection Improvements project will increase capacity with the construction of additional turn lanes and will provide for large vehicle turning radius. The project will require right-of-way acquisition.

Project Description:

The Skyway/Pentz Intersection Improvements project will construct additional turn lanes and a traffic signal system or a roundabout at the existing narrow, Two-Way Stop Controlled Skyway/Pentz intersection. Additional capacity and large vehicle turning space is needed at this location for more efficient emergency services. The control type decision will be made early, during the engineering feasibility study phase of the project. The project includes right-of-way acquisition in the intersection vicinity which is required to accommodate the larger intersection footprint that is anticipated.

Funding:

Total Cost: \$4,500,000

Pre-Construction Cost: \$1,350,000

Construction Cost: \$3,150,000

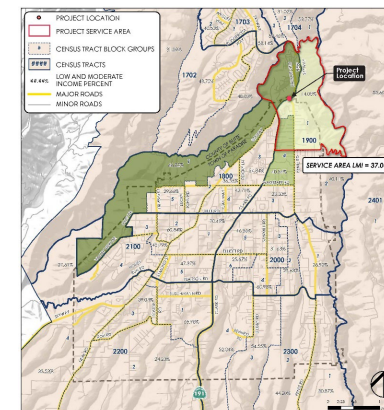
Existing Funding Resource: None

Unmet Need Pre-Construction: \$1,350,000

Unmet Need Construction: \$3,150,000

Long Term Recover Plan Tier and Project:

1 - Evacuation Routes



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