

Tribal Transportation Safety Plan

Cher-Ae Heights Indian Community of the Trinidad Rancheria



Prepared By:

Cher-Ae Heights Indian Community of the
Trinidad Rancheria -Transportation & Land Use
1 Cher-Ae Lane
PO Box 630
Trinidad, CA. 95570
707-677-0211

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Tribal Transportation Safety Plan

**Cher-Ae Heights Indian Community of the Trinidad
Rancheria**

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Abbreviations and Acronyms

CAL FIRE	California Department of Forestry and Fire Protection
CALTRANS	California Department of Transportation District 1
CHP	California Highway Patrol
HCAOG	Humboldt County Association of Governments
RSA	Road Safety Audit
SHN	SHN Consulting Engineers & Geologists, Inc.
SWITRS	Statewide Integrated Traffic Records System

Introduction

The Cher-Ae Heights Indian Community of the Trinidad Rancheria (Trinidad Rancheria) is committed to reducing the number of injuries and improving the overall safety of its transportation system. The Trinidad Rancheria comprises of 83 acres on three parcels in Humboldt County. The Tribe owns property at two separate sites in Trinidad (henceforth called the Trinidad Parcels), 46.5 acres on the west side of U.S. Highway 101 along the Pacific coast and 9 acres on the easternside of U.S. Highway 101 approximately one-mile from the City of Trinidad. Highway 101 bisects the Rancheria on the northeast corner of the Rancheria in Trinidad. A third parcel of 27.5acres (henceforth called the McKinleyville Parcel) is located two miles north of McKinleyville east of the Eureka/Arcata Airport. The Trinidad Rancheria’s fragmented trust lands are identified in Appendix A. The Trinidad Rancheria transportation system consists of a mix of tribal, state, county and city roads, which creates jurisdictional complexities with law enforcement, collision reporting, road maintenance, and capital safety projects.

This plan sets forth a vision to greatly improve safety for the Trinidad Rancheria, its members and its visitors. It identifies safety needs, objectives and strategies for reducing injury on all roads and will be incorporated into the Trinidad Rancheria Comprehensive Community Based Plan.

The strategies presented in this plan focus on the four “E’s” of Education, Enforcement, Engineering, and Emergency Medical Services (EMS):

- **Education.** Give drivers the information to make good choices, such as not driving while impaired, wearing a seatbelt, and avoiding distraction while in their vehicles.
- **Enforcement.** Use data-driven analysis to help pinpoint locations with a high number of fatal and serious-injury collisions related to driver behaviors, such as speeding and impairment.
- **Engineering.** Design roads and roadsides using best practices to reduce collisions, or reduce the severity of collisions if they do occur.
- **Emergency Medical Services.** Provide high-quality and rapid medical and emergency response to community members.

While the strategies listed are comprehensive, there are several areas for future research due to the location of the Trinidad Rancheria. For instance, improvement of existing roadway design to better accommodate pedestrians, bicyclists, motorcyclists and commercial motor vehicles are areas to explore in future editions of this plan.

Meanwhile, there are many things we can do right now to improve safety and reduce serious injuries and fatalities on our tribal roads. We can use education to decrease the likelihood of dangerous behaviors like speeding and impaired driving. We can enhance emergency and enforcement capabilities with signage and lighting to increase survivability when a collision or emergency does occur. Finally we can implement a data collection system to enhance our ability to measure the effects of these strategies and keep us on course toward our target of zero deaths and zero serious injuries.

Safety Partners

As part of an ongoing effort, the Trinidad Rancheria is building safety partnerships throughout the county to align priorities and leverage our resources to improve safety. Partners are encouraged to

provide input in acquiring and analyzing data, selecting emphasis areas, developing safety strategies, and implementing the final plan. Partnerships include the following:

- California Department of Transportation District 1 (Caltrans)
- California Department of Forestry and Fire Protection (CAL FIRE)
- California Highway Patrol (CHP)
- City of Trinidad
- Trinidad Volunteer Fire Department
- Westhaven Volunteer Fire Department
- Westhaven Community Services District
- Humboldt County Public Works Department
- Humboldt County Association of Governments (HCAOG)
- Humboldt Transit Authority
- Humboldt County Sheriff
- Bureau of Indian Affairs
- Federal Highways Administration

Safety Efforts

In the development of this plan, the following activities and programs, were instituted to address transportation safety:

- Road Safety Audit for Trinidad Rancheria-Scenic Drive, Westhaven Drive and Others. (November 20, 2012). Red Plains Professional, Inc., (Appendix B)
- Community Education and Awareness,
 - Discussions of safety issues and concerns were discussed with community members at a Community Council Meeting in April of 2014, Surveys were prepared prior to the meeting and circulated to all voting tribal members. This survey included questions regarding traffic accidents, pedestrian walkways, bike paths, emergency services, transit services, unsafe roadways and intersections, and community demographics. The community survey and responses received are included as Appendix C.
- Trinidad Rancheria Safety Consortium,
 - The Trinidad Rancheria hosted its 1st Safety Partnership Meeting in May of 2014. The meeting was well attended, valuable information and discussion was exchanged. Safety issues were identified and potential solutions were discussed. The safety partners meeting generated useful input from safety partners, most of it qualitative rather than quantitative. The meeting summary is provided in Appendix D.

Summary

Unfortunately, significant data gaps exist, making it difficult to analyze data specific to the Trinidad Rancheria. Data serves as the critical link in identifying safety problems, selecting appropriate countermeasures, and evaluating performance. The Statewide Integrated Traffic Records System (SWITRS), maintained by the CHP, processes all reported fatal and injury collisions that occur on California's state highways and all other public roadways, excluding private property. Anecdotally, data on tribal lands is likely to be under-reported to SWITRS due to discrepancies in jurisdictional

authority. CHP responds to a limited number of tribal collisions; consequently, an unknown number are not reported to SWITRS at all. Without data, traffic safety and roadway engineering-related statistical analysis becomes more difficult. It is also more difficult for the Trinidad Rancheria to compete for safety funding and justify our needs. Given the disproportionate impact to our tribal community it is critical that we close this gap and use data to help identify and address problems.

A partial road safety audit (RSA) prepared in 2012 (Red Plains Professional, Inc.) evaluated the roads the Rancheria's main (Scenic Drive) parcel and the Westhaven parcel, focusing on Scenic Drive and Westhaven Drive. Scenic Drive is the only access road to the Trinidad Rancheria's main parcel, which consists of tribal member housing, tribal offices (including government and social services for tribal members) and is frequented by tribal members on a daily basis. A casino and restaurant offer employment for many members as well as non-native employees. Westhaven Drive is the only access road to the tribal parcels on the east side of Highway 101. The RSA identified many safety issues on Scenic Drive, including landslide areas, poor pavement conditions, steep drop-offs, narrow road sections, worn striping, poor sight distances, lack of guardrail and single lane sections. The RSA found that Westhaven Drive has narrow sections, poor sight distances, faded striping, no shoulders, no pedestrian access, obstructions near the roadway edge, and sections of poor pavement.

The Rancheria developed and administered a community survey to establish baseline opinion measures of unmet safety needs within the Rancheria. The results of the community survey indicate that the lack of safe pedestrian walkways and delays in emergency response services are among the top transportation safety concerns for tribal members. When asked to identify unsafe roadways and intersections in their community, 73% of respondents listed Scenic Drive and 18% listed the Cher-Ae Lane/Scenic Drive intersection in particular. When asked about unsafe bike/pedestrian locations, 68% listed Scenic Drive. All those who live on tribal property in Westhaven identified Westhaven Drive as unsafe for bikes/ pedestrians. All those who live on tribal property in McKinleyville identified Archer Drive as unsafe for bikes/pedestrians. Twenty-seven percent of respondents indicated that members of their household travel by walking/biking, although that number might be higher if safe facilities existed.

Public transit was deemed inadequate by 68% of survey respondents. Thirty-two percent responded that there are trips they are unable to make because of a lack of transportation, with medical trips most frequently cited. The public transit bus stop nearest to the Rancheria's main parcel is 1.5 miles away along Scenic Drive (in Trinidad), which is unsafe for bikes/pedestrians.

Thirty-two percent of respondents have school age children in their households. It is noted that school bus service to Trinidad Elementary School only returns children home after school; there is no bus pickup before school so students must be transported by auto or walk/bike to school along narrow dangerous roadways.

Half of survey respondents identified delays in emergency response, with 27% indicating that missing or low-visibility street addresses and road signs are a problem. Additionally, faulty or errors in GIS mapping was sighted as causing delays in emergency response time. This was strongly reinforced by law enforcement and other emergency response personnel at the safety partners meeting, who said that many addresses are incorrectly labeled or unlabeled. Inadequate road signs and street addresses, lack of street lighting and relatively simple mistakes and faulty errors in geographic data can have disastrous consequences and result in increased emergency response times. All stakeholders acknowledged it is the personal knowledge of responders that

have been in the area for years that has allowed a minimal delay in response time. However this minimal delay could cause a life and is of major safety concerns.

The community survey, tribal transportation department, and safety partners all indicate that tribal members living in Westhaven are regularly crossing Highway 101 on foot to get to the Rancheria's main parcel on Scenic Drive. Pedestrians are prohibited on Highway 101, but the route along Westhaven Drive, Trinidad Main Street, and Scenic Drive is a much longer alternative (2.3 miles compared to 0.2 miles on foot). The safety problem is exacerbated by a lack of lighting on Highway 101 at the crossing location.

Emphasis Areas

Emphasis Area 1-Incident Data Management

Description

- There is an almost complete lack of data on crashes, fatalities, and injuries that occur in and around the Trinidad Rancheria parcels. It is known that many accidents are unreported due to the remote locations and discrepancies in jurisdictional authority.

Goal

- Improve the collection and availability of crash data on the Rancheria's roadways and nearby roadways to improve the effectiveness of future safety efforts.

Strategies

- Develop a program by which the Rancheria would regularly request and compile available, relevant crash data from appropriate agencies, potentially including but not limited to Humboldt County Sheriff, California Highway Patrol, Trinidad Police Department, Caltrans, Humboldt County Public Works Department, Trinidad Volunteer Fire Department, and Westhaven Volunteer Fire Department. Although limited crash data may be available, the Rancheria would increase its chances of having the best available data.

Emphasis Area 2-Inadequate/Incorrect Geo-Spatial Data and Inadequate Posting of Locations/Addresses

Description

- Emergency services response times are increased because of incorrect geo-spatial data and many house addresses or street signs are incorrectly labeled or unlabeled. Emergency responders take longer to arrive or go to the wrong location entirely.

Goal

- Work toward comprehensive accurate addressing of tribal residences and streets and ensure that Geospatial data is correct.

Strategies

- Initiate public outreach efforts to educate tribal members on the importance of correct addressing.
- Develop wayfinding and identity systems to enhance and ease safety initiatives

Emphasis Area 3–Educational Programs

Description

- A need exists for various educational campaigns that have the potential to improve tribal transportation safety.

Goal

- Educate tribal members and the community about various aspects of transportation safety.

Strategies

- Develop and implement educational programs and/or media campaigns regarding the following:
 - Distracted Driving
 - Anti-drunk/impaired driving campaign
 - Safety tips for walking, bicycling and driving (see Caltrans www.arivealivenow.org website)

Emphasis Area 4–Slope Failure on Cher-Ae Lane

Description

- There is an active slope failure on the northwest side of Cher-Ae Lane below the tribal offices. The slope failure is encroaching into the roadway and increasing danger to all pedestrians, bicyclists and autos.

Goal

- Repair the slope failure.

Strategies

- Conduct a full engineering study to evaluate the slope failure and the slope-repair options.
- Design and construct an engineering solution to the slope failure.

Emphasis Area 5–Cher-Ae Lane Unsafe for Pedestrians/Bikes

Description

- Cher-Ae Lane is unsafe for pedestrians and bicyclists due to lack of sidewalks, bicycle lanes, and street lighting.

Goal

- Improve pedestrian and bicyclist safety on Cher-Ae Lane.

Strategies

- Design and construct improvements to Cher-Ae Lane including full width vehicle travel lanes, curb, gutter, sidewalk, wayfinder signage and street lighting.

Emphasis Area 6–Intersection of Cher-Ae Lane with Ter-Ker-Coo Unsafe for Pedestrians/Bikes/Autos

Description

- The intersection of Cher-Ae Lane with Ter-Ker-Coo is **unsafe** for pedestrians, bicyclists, and autos due to lack of stop signs, stop lines, and crosswalks.

Goal

- Improve pedestrian/bicycle/auto safety at the intersection of Cher-Ae Lane with Ter-Ker-Coo

Strategies

- Design and construct a roundabout at the intersection of these streets.
- Install wayfinder vehicular and pedestrian solutions signage.

Emphasis Area 7 –Pedestrians Crossing Highway 101

Description

- Due to the long walk for the alternate route, tribal members living in Westhaven are crossing U.S. Highway 101 on foot to get to the Rancheria’s services on its main parcel on Scenic Drive. This is dangerous and illegal. The safety problem is exacerbated by a lack of lighting on Highway 101 at the crossing location.

Goal

- Reduce or eliminate pedestrian crossings of Highway 101, or make pedestrian crossings safer.

Strategies

- A short-term improvement would be to install street lighting at the informal pedestrian crossing of Highway 101.
- A long-term solution would be to construct a pedestrian overcrossing of Highway 101 at Cher-Ae Lane or construct a full highway interchange at this location including pedestrian crossing. A highway interchange could potentially also connect to Westhaven Drive.

Emphasis Area 8–Scenic Drive Unsafe for Pedestrians/Bikes

Description

- Scenic Drive (the only access road to the Trinidad Rancheria’s main parcel) is unsafe for pedestrians and bicyclists due to landslide areas, poor pavement conditions, steep drop-offs, narrow road sections, worn striping, poor sight distances, lack of guardrail, single lane sections, and lack of street lighting. Many intersections with Scenic Drive lack adequate signage and pavement markings and have obstructed sight distances (Red Plains Professional, Inc., 2012).

Goal

- Improve pedestrian and bicyclist safety on Scenic Drive, especially between Cher-Ae Lane and Main Street in the City of Trinidad.

Strategies

- Add street lighting.
- Restripe the center line as a double yellow (no passing zone) stripe.
- Add edge line stripes and reflective raised pavement markers along the centerline and edge lines.
- Add “Share the Road” signage.
- Long-term improvements should include pavement repairs or pavement overlay work and roadway widening to include shoulders wherever possible.
- Improvements to intersections should include the addition of stop lines, stop signs, and intersection warning signs. Trees and vegetation should also be maintained for sight distance clearance.

Emphasis Area 9–Westhaven Drive Unsafe for Pedestrians/Bikes

Description

- Westhaven Drive (the only access road to the tribal parcels on the east side of Highway 101) is unsafe for pedestrians and bicyclists due to narrow sections, poor sight distances, faded striping, obstructions near the roadway edge, no shoulders, and sections of poor pavement. Many intersections with Westhaven Drive lack adequate signage and pavement markings and have obstructed sight distances (Red Plains Professional, Inc., 2012).

Goal

- Improve pedestrian and bicyclist safety on Westhaven Drive, especially between Teh-Pah Lane and Main Street in the City of Trinidad.

Strategies

- Add street lighting.
- Restripe the center line as a double yellow (no passing zone) stripe.
- Add edge line stripes and reflective raised pavement markers along the centerline and edge lines.
- Add “Share the Road” striping and/or signage.

- Long-term improvements should include pavement repairs or pavement overlay work and roadway widening to include shoulders wherever possible.
- Improvements to intersections should include the addition of stop lines, stop signs, and intersection warning signs. Trees and vegetation should also be maintained for sight distance clearance.

Emphasis Area 10–Archer Road Unsafe for Pedestrians/Bikes

Description

- Archer Road is unsafe for pedestrians and bicyclists due to steep grades, small radius curves, steep cut banks, limited sight distances, and lack of street lighting.

Goal

- Improve pedestrian and bicyclist safety on Archer Road.

Strategies

- Add street lighting.
- Add “Share the Road” striping and/or signage.
- Maintain trees and vegetation for improved sight distance clearance.
- Long-term improvements should include drainage improvements, a wider street section, flatter grades, and striping.

Evaluation and Implementation

The Trinidad Rancheria Transportation Department is responsible for implementation of this tribal transportation safety plan in cooperation with relevant safety partners, as applicable. The Transportation Department shall form a committee to oversee implementation of the plan, potentially involving some of the safety partners. The Transportation Department shall evaluate the plan’s success annually. The plan shall be updated every five years to be considered current under the Federal Highway Administration’s Tribal Transportation Program Safety Fund.

References

Red Plains Professional, Inc. (November 20, 2012). *Road Safety Audit for Trinidad Rancheria-Trinidad Scenic Drive, Westhaven Drive and Others*. Vancouver, WA:Red Plains Professional, Inc.

Appendix A

Trinidad Rancheria Trust Lands

Trinidad Rancheria Trust Land Rancheria Proper



0 220 440 880 1,320 1,760 2,200 Feet

1 inch = 283 feet

Legend

	Latest_Assign
	Federal_Trust_Lands



Trinidad Rancheria Trust Land Westhaven



1 inch = 114 feet

Legend

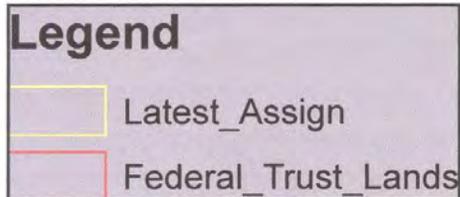
	Latest_Assign
	Federal_Trust_Lands



Trinidad Rancheria Trust Land: McKinleyville Dows Prairie- West



1 inch = 112 feet



Trinidad Rancheria Trust Land: McKinleyville Dows Prairie- East



0 100 200 400 600 800 1,000 Feet

1 inch = 131 feet

Legend

-  Latest_Assign
-  Federal_Trust_Lands



Appendix B

Road Safety Audit

*Civil Engineering /
Planning / GIS /
Environmental*

ROAD SAFETY AUDIT

FOR

TRINIDAD RANCHERIA

**TRINIDAD SCENIC DRIVE, WESTHAVEN DRIVE
AND OTHERS**



Contact: Kelly Uhacz, PE
Kelly.Uhacz@Red-Plains.com
Red Plains Professional, Inc.
1499 SE Tech Center Place, Suite #290
Vancouver, Washington 98683

ROAD SAFETY AUDIT
PREPARED
NOVEMBER 20, 2012





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Introduction

Red Plains Professional, Inc. is pleased to submit this Road Safety Audit prepared for the Cher-Ae Heights Indian Community of the Trinidad Rancheria. The Cher-Ae Heights Indian Community of the Trinidad Rancheria is a federally recognized tribe located near the City of Trinidad, California.

The scope of this Road Safety Audit (RSA) includes the roads on the Trinidad Rancheria main parcel and the Westhaven parcel, and Trinidad Scenic Drive and Westhaven Drive from their intersection with Highway 101 in the north at the City of Trinidad to their connection with Highway 101 approximately 3 miles south at the community of Westhaven. Trinidad Scenic Drive and Westhaven Drive serve as the primary connections between the tribal parcels on the west and east side of Highway 101.

The purpose of this RSA is to evaluate the roads on the main parcel and the Westhaven parcel, focusing on Trinidad Scenic Drive and Westhaven Drive. All roads evaluated are existing roads.

Trinidad Scenic Drive is the only access road to the Trinidad Rancheria Casino from the City of Trinidad. Trinidad Scenic Drive continues south from the casino along the Pacific Coastline and reconnects with Highway 101, the Redwood Highway at Westhaven. The roadway has many safety issues, especially south of the casino, including landslide areas, poor pavement conditions, steep drop-offs, narrow road sections, worn striping, poor sight distances, lack of guardrail and single lane sections. The road provides spectacular views of the beach and Pacific Ocean but has few vehicle turnouts.

Westhaven Drive is the only access road to the tribal parcels on the east side of Highway 101. This road has narrow sections, poor sight distances, faded striping, obstructions near the roadway edge, no shoulders, no pedestrian access and sections of poor pavement.

Many intersections with Scenic Drive and Westhaven Drive lack adequate signage and pavement markings and have obstructed sight distances.

The Highway 101 Interchange Community Design Fair Report discussed options for improving Scenic Drive and Westhaven Drive as "Scenic Slow Roads" to accommodate slower vehicle speeds and pedestrian, bicycle and equestrian traffic.

Team Background

The RSA Team included:

Kelly Uhacz, PE – Project Civil Engineer for Red Plains Professional, Inc. with 10 years of roadway design and construction management experience.

Chris Robideau – Senior Vice President for Planning for Red Plains Professional, Inc. with 15 years of transportation, safety, transit, and tribal project management experience.

Supporting Data and Reports

Data received from the Trinidad Rancheria includes the Highway 101 Interchange Community Design Fair Report (January, 2010). This report includes a discussion of improving Scenic Drive and Westhaven Drive to "Scenic Slow Roads" as well as a discussion of several design options for an interchange from Highway 101 to the Trinidad Rancheria. The report also discusses future development of the Trinidad Rancheria.

The Cher-Ae Heights Indian Community Comprehensive Community-Based Plan (December 2011) was also reviewed prior to the site visit. This plan discusses planned land uses, transportation, housing, economic development and cultural resources for the Trinidad Rancheria.

A preliminary investigation was conducted by reviewing existing reports provided by the Trinidad Rancheria including the Trinidad Rancheria Comprehensive Plan, the Trinidad Rancheria Development Standards, the Trinidad Rancheria Tribal Transportation Plan 2006-2026, the Highway 101 Interchange Community Design Fair Report, and photographic data from Google Earth and Google Earth Street View.

Limited accident and closure data for Scenic Drive from Humboldt County was provided by the Trinidad Rancheria. The data indicated 25 reported accidents between 2001 and 2009 and another 5 between 2010 and 2011.

Closure records indicated several full or partial closures of Scenic Drive between 2009 and 2012 and 9 to 14 notations of slip/slide repairs each year.

Observations

All roads evaluated were driven several times during daylight hours and again after dark. There are essentially no street lights on the roads evaluated, making them unsafe for pedestrian or bicycle traffic after dark. The lack of shoulders, narrow travel lanes and limited sections of guardrail are also safety concerns for vehicles. Speed limits range from 10 mph corners to 25 and 30 mph on Westhaven Drive and Scenic Drive, respectively.

Most signs appeared to have reduced reflectivity when observed after dark. Most appeared in good condition in daylight, however some have been damaged.

Representative photos taken during the site visit on November 7, 2012 are included below. A map of the roads evaluated is included in Appendix A.

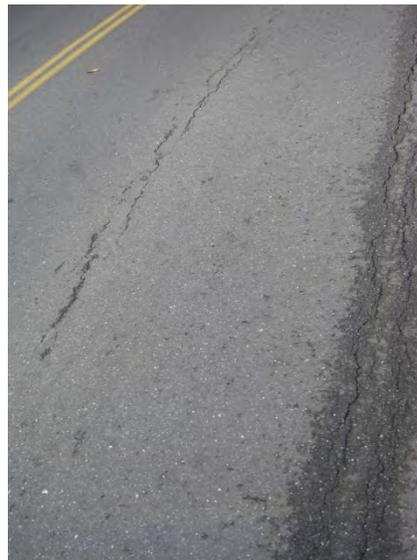


*Damaged sign on Scenic Drive.
(Photo # 65.)*

Traffic consisted primarily of passenger vehicles, however local delivery trucks, bicyclists and pedestrians were also observed on most roads. Pedestrians on Scenic Drive commented about past close calls on that road. Bicyclists and pedestrians were frequently observed during the evaluation on Scenic Drive.



Missing raised pavement markers and faded centerline striping along northern section of Scenic Drive. (Photo # 20.)



*New cracks in northern section of Scenic Drive (Reconstructed 3-4 years ago.)
(Photo # 34.)*



Over steepened cut slope on Scenic Drive between Kidder Road and Trinima Road. (Photo # 69.)



Single lane road section between Kidder Road and Trinima Road. (Photo # 78).



Repaired slide area along single lane road section between Kidder Road and Trinima Road. (Photo # 83).



Repaired slide area and settlement on Scenic Drive between Trinima Road and Luffenholtz Creek. (Photo # 87.)



Water flowing across Scenic Drive at Trinima Road. (Photo # 94).



Dirty sign on Scenic Drive between Trinima Road and Luffenholtz Creek. (Photo # 95.)



Repaired slide and settlement on Scenic Drive between Luffenholtz Creek and Houda Cove. (Photo # 101.)



Pavement patches on Scenic Drive between Luffenholtz Creek and Houda Cove. (Photo # 107.)



Single lane section along old slide area near Houda Cove. (Photo # 109.)



Single lane section on Scenic Drive near Houda Cove. Note missing guardrail section and delineator near pavement edge. (Photo 112.)



Tree obstruction near pavement edge on Westhaven Drive. (Photo #149.)



*Damaged pavement on Westhaven Drive.
(Photo # 157.)*



Worn off centerline stripe and vegetation covering signage on Westhaven Drive near Trinidad Frontage Road. (Photo # 192.)



Slope failure on Cher-Ae Lane. (Photo # 216.)



Intersection of Cher-Ae Lane, Pa-Pah Lane and Ma-We-Mor View Lane does not have stop signs or stop lines. (Photo # 246.)

Findings and Suggestions

Scenic Drive and Westhaven Drive are generally striped with a broken yellow centerline stripe, but sight distances are not enough to allow passing in most sections. Therefore, centerline striping should be changed to double yellow stripes in most sections. Narrow road sections, no shoulders and the lack of street lights also make it difficult to discern the edge of the roadway. Painted edge line, reflectorized raised pavement markers and reflectorized delineators will help define the edge of the travel way and any obstructions near the roadway.

Maintenance should be continued to keep vegetation and trees trimmed back as much as possible from the edge of the roadway. Additional trimming and clearing should be considered at several intersections to increase sight distances. Additionally, intersection warning signs should be considered at several hazardous intersections. Ditch maintenance, erosion control and landslide maintenance and monitoring should be continued.

Signing and stop line striping should be added at intersections lacking these improvements.

Long term improvements should include widening the roadway where possible to include shoulders. This will allow for pedestrian access and bicycle access. Guardrails should also be considered along particularly narrow, unprotected sections of Scenic Drive. Other short term and long term repairs should include overlaying or rebuilding damaged sections of roadway.

There is currently an active slope failure on the northwest side of Cher-Ae Lane below the tribal offices. See photo # 216. Cher-Ae Lane is the casino entrance road. The failure is due to steep cut slopes and seepage from a reported leach field along the top of the slope. A full engineering study should be conducted to evaluate the leach field and the slope repair options.

Archer Road in McKinleyville, California was also visited during the field investigation. This road is a one lane paved road with steep grades, small radius curves, steep cut banks and limited sight distances. The road changes to a gravel section near the end of the road. Representatives of the Trinidad Rancheria have indicated there are significant drainage issues on Archer Road. The pavement section is 11 feet wide with grades up to 16%. Suggested improvements to this road section may include drainage improvements, a wider street section, roadside clearing, flatter grades and striping.

A summary table of safety issues and short and long term suggestions for each road section is included in Appendix B. Site visit reports are included in Appendix C.

Conclusions: Observation of the roads connecting to the Trinidad Rancheria main parcel and the Westhaven parcel indicate many safety issues. This investigation focused on Scenic Drive and Westhaven Drive between the City of Trinidad and Westhaven.

Short term suggestions for improving the safety of Scenic Drive primarily include restriping the centerline as a double yellow (no passing zone) stripe, adding edge line stripes and adding reflective raised pavement markers along the centerline and edge lines.

Short term suggestions for improving the safety of Westhaven Drive also includes restriping the centerline as a double yellow (no passing zone) stripe, adding edge line stripes and adding reflective raised pavement markers along the centerline and edge lines.

Improvements to several intersections along both roads should include the addition of stop lines, stop signs and intersection warning signs. Trees and vegetation should also be maintained for sight distance clearance.

Long term improvements to Scenic Drive and Westhaven Drive should include pavement repairs or pavement overlay work and roadway widening to include shoulders wherever possible.

Suggested improvements to Archer Road should include roadside clearing, drainage improvements, striping and widening.

Suggested improvements to other related roads include restriping, adding reflective raised pavement markers and adding or changing pavement markings and signage.

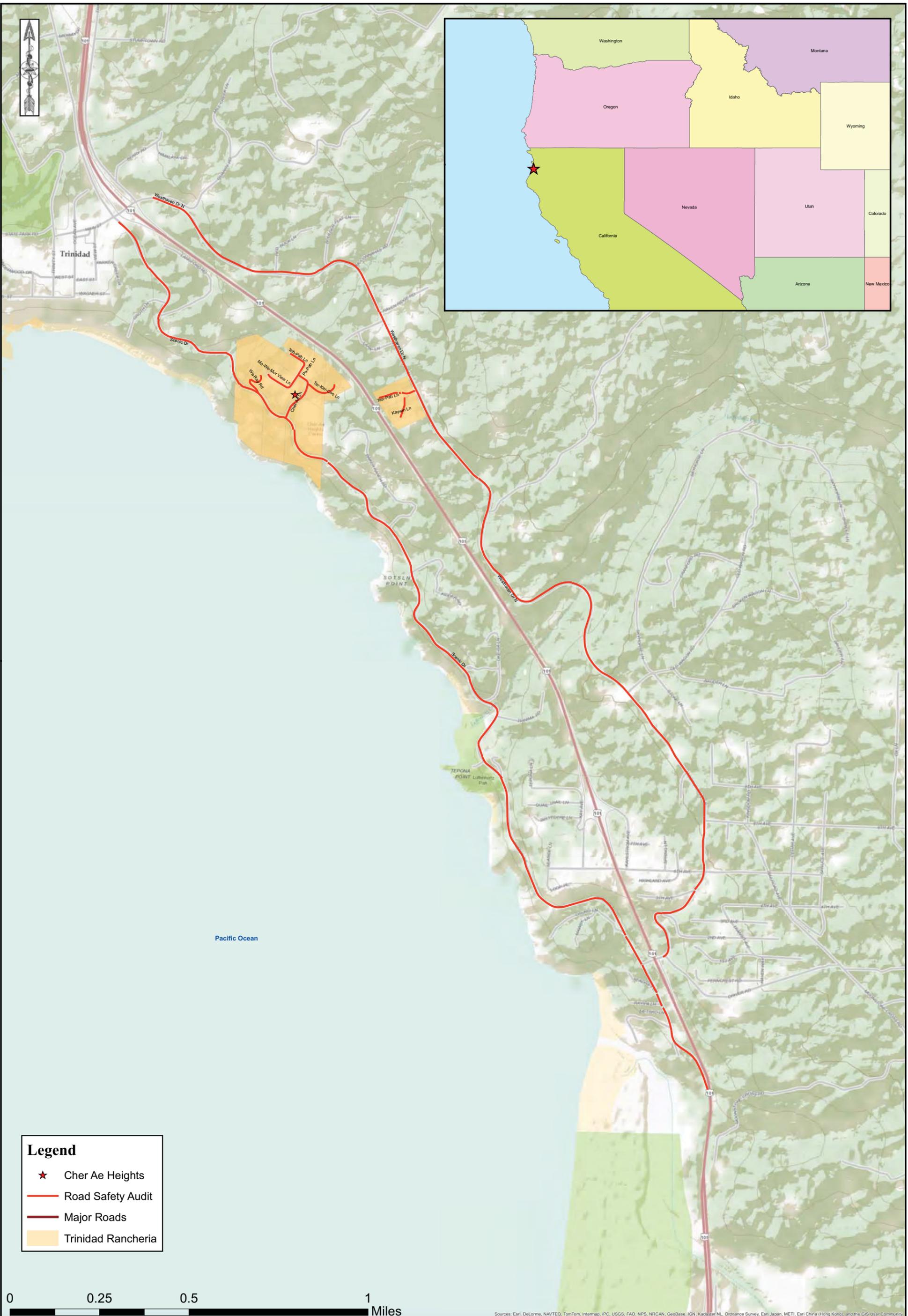
Kelly Uhacz, PE
Red Plains Professional, Inc.



Trinidad Rancheria
Road Safety Audit
November 2012

Appendix A

Map



Legend

- ★ Cher Ae Heights
- Road Safety Audit
- Major Roads
- Trinidad Rancheria

0 0.25 0.5 1 Miles

Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, iPC, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), and the GIS User Community

Road Safety Audit Map

Cher Ae Heights of the Trinidad Rancheria





Trinidad Rancheria
Road Safety Audit
November 2012

Appendix B

Safety Issues and Suggestions

**Trinidad Rancheria
Road Safety Audit**

Road Section	Safety Issue	Suggestions
Trinidad Scenic Drive		
Main to Groth Lane	Faded or no edge lines Faded double yellow centerline No shoulders No pedestrian access Trees near roadway	Short Term Restripe roadway and add edge line stripes Long term Widen roadway to include shoulders and remove obstructions
Groth Lane to Lanford Road	Faded centerline striping	Short Term Restripe roadway and add edge line stripes Long term Widen roadway to include shoulders and remove obstructions
Scenic Drive/Lanford Road Intersection	Limited sight distance north and south	Short term Trim trees and brush, especially to north Install intersection warning signs on Scenic Drive
Lanford Road to Tribal Boundary	Tight curves Limited shoulders No pedestrian access	Short term Restripe section with faded striping Add Raised Pavement Markers (RPMs) left, right and center Long term Widen roadway to include shoulders
Tribal Boundary to Wa-Ray Road	Evidence of landslide repairs	Short term/Long term Maintain striping and erosion/landslide repairs

**Trinidad Rancheria
Road Safety Audit**

Red Plains Professional, Inc.
KDU

Road Section	Safety Issue	Suggestions
Trinidad Scenic Drive		
Scenic Drive/Wa-Ray Road Intersection	Sharp skewed intersection Limited sight distance to north No stop line	Short term/Long term Maintain striping Maintain erosion and landslide repairs Consider intersection warning signs on Scenic Drive
Wa-Ray Road to Cher-Ae-Lane	Minimal or no shoulders Ditch on east side overgrown	Short term Maintain roadside mowing Long term Widen roadway to include shoulders Add RPMs
Scenic Drive/Cher-Ae Lane Intersection (Casino entrance)	Limited sight distance to north from Cher-Ae Lane	Short term Trim trees and vegetation north of intersection Consider adding intersection warning signs Add RPMs
Cher-Ae Lane to Casino Exit	Centerline double yellow faded	Short term Restripe centerline Add RPMs
Scenic Drive/Casino Exit Intersection	No spacing to driveway access at intersection	Short term N/A

**Trinidad Rancheria
Road Safety Audit**

Road Section	Safety Issue	Suggestions
Trinidad Scenic Drive		
Casino Exit to Baker Ranch Road	Tight curves Steep drop offs Single lane sections No edge line stripe Overgrown ditches or no ditches No shoulders Damaged pavement sections	Short term Repave gravel and damaged sections Restripe changing centerline striping to double yellow Add edge line striping Add RPMs Long term Widen roadway to include two lanes throughout Add shoulders with widening Add guardrail where appropriate
Scenic Drive/Baker Ranch Road Intersection	No stop sign or stop bar	Short term/Long term Add stop sign and stop line on Baker Ranch Road
Baker Ranch Road to Kidder Road	Broken yellow centerline stripe Damaged pavement sections Steep slopes No edge stripe	Short term Restripe centerline as double yellow Add edge line striping Add RPMs Add delineators at Kidder Road
Scenic Drive/Kidder Road Intersection	No stop sign	Short term Add stop sign Restripe Scenic Drive with double yellow centerline stripe

**Trinidad Rancheria
Road Safety Audit**

Red Plains Professional, Inc.
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Road Section	Safety Issue	Suggestions
Trinidad Scenic Drive		
Kidder Road to Okega Road	Faded broken yellow centerline stripe No shoulders Poor pavement condition Evidence of landslide damage Steep cut and fill banks No pedestrian access No edge stripe	Short term Repair damaged pavement sections Restripe centerline as double yellow Add edge line stripes Add RPMs Long term Widen road to include shoulders Add delineators and/or guardrail where needed
Okega Lane to Trinima Road	Broken yellow centerline stripe No edge line stripes No shoulders No pedestrian access	Short term Restripe to include double yellow centerline Add edge line stripes Add RPMs Long term Widen road to include shoulders
Scenic Drive/Trinima Road Intersection	No stop sign or stop line	Short term/long term Change centerline striping to double yellow Add intersection warning signs Add stop sign and stop line

**Trinidad Rancheria
Road Safety Audit**

Road Section	Safety Issue	Suggestions
Trinidad Scenic Drive		
Trinima Road to Luffenholtz Lane	Evidence of subsistence, large cracks in pavement Sections of one lane roadway No edge line stripe No shoulder No pedestrian access Broken yellow centerline stripe Shallow, overgrown ditches Slide areas	Short term Restripe roadway with double yellow centerline stripe Add edge line stripes Mow and maintain ditches Long term Widen roadway to two lanes throughout Add shoulders Maintain and repair landslide areas
Scenic Drive/Luffenholtz Lane Intersection	Single lane asphalt Evidence of erosion No stop sign No stop bar	Short term/long term Add stop sign and stop bar Add culvert under Luffenholtz
Luffenholtz Lane to Houda Cove	Single lane section Distorted and damaged pavement No edge line stripes No shoulders	Short term Add edge line stripes Add RPMs Long term Widen roadway to include two lanes with shoulders Add double yellow centerline stripe

**Trinidad Rancheria
Road Safety Audit**

Road Section	Safety Issue	Suggestions
Trinidad Scenic Drive		
Houda Cove to Westhaven Drive South	Broken yellow centerline stripe Evidence of landslide, missing half of southbound lane and guardrail No edge line stripe No shoulders No pedestrian access	Short term Restripe centerline with double yellow Add edge line stripes Add RPMs Repair landslide damage and guardrail Long term Widen roadway to include two lanes throughout and shoulders
Scenic Drive/Westhaven Drive South Intersection	Limited sight distance from Westhaven Drive South to the north and south	Short term/long term Maintain brush and tree trimming at intersection
Westhaven Drive South to Seadrift Lane	Broken yellow centerline stripe No edge line stripes Shallow ditches No pedestrian access Rough pavement	Short term Restripe centerline striping to double yellow striping Add edge line stripes Add RPMs Maintain ditches Long term Overlay or repair damaged pavement sections Widen roadway to include shoulders
Scenic Drive/Seadrift Lane Intersection	Skewed intersection Poor sight distance No stop sign No stop bar	Short term Add stop sign Add stop line Add intersection warning signs

**Trinidad Rancheria
Road Safety Audit**

Road Section	Safety Issue	Suggestions
Trinidad Scenic Drive		
Seadrift Lane to Metsko Lane/Rayipa Lane	Broken yellow centerline No edge line stripes No ditches No pedestrian access	Short term Restripe with double yellow centerline striping Add edge line stripes Add RPMs Long term Widen roadway to include shoulders Add ditches
Scenic Drive/Metsko Lane/Rayipa Lane Intersection	Gravel and paved single lane roadway Skewed intersection with Rayipa and Metsko intersecting at Scenic Drive No stop signs No stop lines	Short term Add stop signs to Rayipa and Metsko Lanes Add stop lines to Rayipa and Metsko Lanes Repair damage pavement at intersection Add RPMs
Rayipa Lane to Moonstone Beach Road	Broken yellow centerline striping Shallow ditch Rough pavement	Short term Restripe centerline with double yellow striping Maintain ditch Overlay or repair damaged pavement sections Add edge line stripes Add RPMs
Moonstone Beach Road Intersection	Damaged asphalt pavement on Scenic Drive Broken yellow centerline stripe No edge line stripes	Repair damaged pavement Restripe with double yellow centerline striping Add edge line stripes Add RPMs

**Trinidad Rancheria
Road Safety Audit**

Red Plains Professional, Inc.
KDU

Road Section	Safety Issue	Suggestions
Trinidad Scenic Drive		
Moonstone Beach Road to Hwy 101 SB On Ramp	Faded broken yellow centerline stripe Faded edge line stripe	Restripe with double yellow centerline striping Restripe edge line stripe west side Add edge line stripe to east side
Hwy 101 SB On Ramp to end	No centerline stripe No edge line stripe	Short term/long term Add double yellow centerline stripe Add edge line stripes

**Trinidad Rancheria
Road Safety Audit**

Road Section	Safety Issue	Suggestions
Westhaven Drive		
Westhaven Drive South/Scenic Drive Intersection	Limited sight distance to south	Short term/long term Maintain mowing and vegetation trimming at intersection
Scenic Drive to Hwy 101 Northbound Exit Intersection	Broken yellow centerline stripe under Hwy 101 Faded "STOP AHEAD" lettering on pavement No shoulders No pedestrian access	Short term/long term Restripe centerline with double yellow striping Add edge line stripes Repaint pavement marking lettering
Hwy 101 Northbound Exit	Faded stop line	Short term Repaint stop line
Driver Road Intersection	Rough damaged pavement	Short term/long term Repair damaged pavement sections
Driver Road to 2nd Avenue	Broken yellow centerline No edge stripe No shoulders No ditches Confusing curve sign	Short term Restripe with double yellow centerline stripe Add edge stripe Replace curve sign with S-curve sign Add RPMs Long term Widen roadway to include shoulders and ditches
Westhaven Drive/2nd Avenue Intersection	Skewed intersection Moderate grades Poor sight distance No Stop Sign No Stop Line	Short term/Long term Add Stop Sign Add Stop Line

**Trinidad Rancheria
Road Safety Audit**

Road Section	Safety Issue	Suggestions
Westhaven Drive		
2nd Avenue to 5th Avenue	Curved road Poor sight distance Broken yellow centerline No shoulder No pedestrian access	Short term Restripe with double yellow centerline stripe Add edge line stripes Maintain ditches Add RPMs Long term Widen roadway to include shoulders
Westhaven Drive/5th Avenue Intersection	Skewed intersection Limited sight distance Faded Stop Line and Lettering	Short term/long term Repaint stop line and lettering
5th Avenue to 6th Avenue	Broken yellow centerline striping No shoulders No pedestrian access	Short term Restripe with double yellow centerline striping Long term Widen roadway to include shoulders
Westhaven Drive/6th Avenue Intersection	Limited sight distance to south	Short term Maintain roadside trimming
6th Avenue to 8th Avenue	Broken yellow centerline stripe No shoulder No pedestrian access Tree at edge of pavement	Short term Restripe centerline with double yellow striping Add RPMs Long term Widen roadway to include shoulders Remove tree at road pavement edge
Westhaven Drive/8th Avenue Intersection	Limited sight distance to north	Short term Trim trees and brush to north

**Trinidad Rancheria
Road Safety Audit**

Road Section	Safety Issue	Suggestions
Westhaven Drive		
8th Avenue to 9th Avenue	Broken yellow centerline stripe No edge line stripe Trees at pavement edge	Restripe centerline with double yellow striping Add RPMs Remove trees obstructions
Westhaven Drive/9th Avenue Intersection	N/A - Private gravel driveway	N/A
9th Avenue to Old Wagon Road	Broken yellow centerline stripe No edge line stripe Private fences near pavement edge No shoulder No pedestrian access	Short term Restripe centerline with double yellow striping Add edge line stripe Add RPMs Long term Widen roadway to include shoulders Remove or relocate private fences near road edge
Westhaven Drive/Old Wagon Road Intersection	No stop line on Old Wagon Road	Short term Add stop line on Old Wagon Road
Old Wagon Road to Adams Fox Farm Road	Broken yellow centerline stripe Alligatored asphalt pavement Road narrows Trees near edge of pavement Section with no centerline stripe No shoulders No pedestrian access	Short term Restripe centerline with double yellow striping Add edge line stripe Add RPMs Long term Widen roadway to include two full lanes and shoulders Remove trees and stump obstructions near pavement edge Relocate fences near pavement edge

**Trinidad Rancheria
Road Safety Audit**

Red Plains Professional, Inc.
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Road Section	Safety Issue	Suggestions
Westhaven Drive		
Westhaven Drive/Adams Fox Farm Road Intersection	Limited sight distance both directions	Short term Trim trees and vegetation north and south of intersection
Adams Fox Farm Road to Teh-Pah Lane	Broken yellow centerline No shoulders No pedestrian access No edge line stripe Large stump on east side at pavement edge	Short term Restripe centerline with double yellow centerline Add edge line stripes Add RPMs Long term Widen roadway to include shoulders Remove obstruction trees or stumps
Westhaven Drive/Teh-Pah Lane Intersection	Stop line and "STOP" lettering completely worn off Rough pavement No edge line stripe No pedestrian access	Short term Repaint stop line and "STOP" pavement lettering
Teh-Pah Lane to Lark Lane	Broken yellow centerline stripe No edge line stripe No pedestrian access	Short term Restripe centerline with double yellow centerline stripe Add edge line stripes Add RPMs Long term Overlay or repair damaged pavement sections Widen roadway to include shoulders
Westhaven Drive/Lark Lane Intersection	N/A Private Driveway - No signs	N/A

**Trinidad Rancheria
Road Safety Audit**

Road Section	Safety Issue	Suggestions
Westhaven Drive		
Lark Lane to Raven Ridge Road	Broken yellow centerline stripe No edge line stripe No pedestrian access	Short term Restripe centerline with double yellow centerline stripe Add edge line stripes Add RPMs Long term Widen roadway to include shoulders
Westhaven Drive/Raven Ridge Road (West) Intersection	N/A - Private driveway - No signs	N/A
Raven Ridge Road (West) to Raven Ridge Road (East)	Broken yellow centerline stripe No edge line stripe No pedestrian access	Short term Restripe centerline with double yellow centerline stripe Add edge line stripes Add RPMs Long term Widen roadway to include shoulders
Westhaven Drive/Raven Ridge Road (East) Intersection	N/A - Private driveway - No signs	N/A
Raven Ridge Road (East) to McConnahas Road	Broken yellow centerline stripe No edge line stripe No pedestrian access	Short term Restripe centerline with double yellow centerline stripe Add edge line stripes Add RPMs Long term Widen roadway to include shoulders

**Trinidad Rancheria
Road Safety Audit**

Red Plains Professional, Inc.
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Road Section	Safety Issue	Suggestions
Westhaven Drive		
Westhaven Drive/McConnahas Road Intersection	Poor pavement condition	Short term Overlay or repair damaged pavement sections
McConnahas Road to Boulder Flat Lane	Broken yellow centerline No edge line stripe No shoulders No pedestrian access	Short term Restripe with double yellow centerline Add edge line stripe Add RPMs Long term Widen roadway to include shoulders
Westhaven Drive/Boulder Flat Lane Intersection	Skewed intersection Very poor sight distance both directions	Short term Trim trees and vegetation Install intersection warning signs
Boulder Flat Lane to Red Buck Lane	Broken yellow centerline Narrow lanes No edge line stripe No shoulder No pedestrian access	Short term Restripe centerline with double yellow stripe Add edge line stripes Add RPMs Long term Widen roadway to include shoulders
Westhaven Drive/Red Buck Lane Intersection	N/A - Private gravel driveway (east side) - No signs	N/A

**Trinidad Rancheria
Road Safety Audit**

Road Section	Safety Issue	Suggestions
Westhaven Drive		
Red Buck Lane to Quarry Road	Broken yellow centerline Narrow lanes No edge line stripe No shoulder No pedestrian access	Short term Restripe centerline with double yellow stripe Add edge line stripes Add RPMs Long term Widen roadway to include shoulders
Westhaven Drive/Quarry Road Intersection	Broken yellow centerline nearly worn away on Westhaven Drive No stop line on Quarry Road Alligatored pavement	Short term Add stop line on Quarry Road Overlay or repair damaged pavement
Quarry Road to Trinidad Frontage Road	Very faded broken or double yellow centerline No edge line stripe Trees near edge of pavement	Short term Restripe centerline with double yellow stripe Add edge line stripes Trim or remove obstructing trees and vegetation Long term Widen roadway to include shoulders
Westhaven Drive/Hwy 101 Intersection	Dirt path on south side of Westhaven Drive	Short term/Long term Add sidewalk and ADA ramps on south side to match north side Add crosswalks to connect north and south sides

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Road Safety Audit**

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Road Section	Safety Issue	Suggestions
Cher-Ae Lane (Casino Entrance)		
Cher-Ae Lane/Scenic Drive Intersection	Limited sight distance to north	Short term Trim trees and vegetation to north
Scenic Drive to Parking Lot	Faded broken centerline stripe	Short term Restripe centerline with double yellow stripe
Parking Lot Intersection	Striping in parking lot inconsistent with direction arrows in aisle - angle in parking one direction, but two-way arrows Lettering says "EXIT" at stop line instead of "STOP" Stop line faded Crosswalk markings nearly worn away Ped X-ing sign not standard	Short term Restripe stop line and crosswalk markings Change "EXIT" lettering to "STOP" Change striping or directional arrow in parking lot to clarify vehicular movements Change Ped X-ing sign to standard sign
Parking Lot Intersection to Ter-Ker-Coo Lane	Faded broken yellow centerline	Short term Restripe centerline with double yellow stripe Add right edge line Add RPMs
Cher-Ae Lane/Ter-Ker-Coo Lane Intersection	N/A Private Gravel Drive - No signs	N/A

Trinidad Rancheria
Road Safety Audit

Red Plains Professional, Inc.
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Road Section	Safety Issue	Suggestions
Cher-Ae Lane (Casino Entrance)		
Ter-Ker-Coo Lane to Ma-We-Mor View Lane	Faded broken yellow centerline Edge stripe (left only)	Short term Restripe centerline with double yellow stripe Add right edge stripe Add RPMs
Cher-Ae Lane/Ma-We Mor View Lane/Teh-Pah Lane Intersection	No stop signs No stop lines Vegetation significantly into roadway	Short term Add stop signs Add stop lines Trim trees and vegetation

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Road Safety Audit**

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Road Section	Safety Issue	Suggestions
Casino Exit Road		
Scenic Drive/Casino Exit Road Intersection	Ok	Short term Ok
Parking Lot to Scenic Drive	Ok	Short term Ok

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Road Safety Audit**

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Road Section	Safety Issue	Suggestions
Ma-We-Mor View Lane		
Ma-We-Mor View Lane/Cher-Ae Lane/Teh-Pah Lane Intersection	No stop signs	Add stop signs
	No stop lines	Add stop lines
Cher-Ae Lane to end	Faded broken yellow centerline No edge line stripe	Restripe centerline with double yellow stripe Add edge line stripes Add RMPs

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Road Safety Audit**

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Road Section	Safety Issue	Suggestions
Teh-Pah Lane (west side) and Pa-Pah Lane		
Teh-Pah Lane/Ma-We-Mor View Lane/Cher-Ae Lane Intersection	No stop signs No stop lines	Short term Add stop signs Add stop lines
Cher-Ae Lane to End	Faded broken yellow centerline Trees and brush encroaching into roadway No edge stripe No pedestrian access	Short term Trim trees and vegetation Restripe centerline with double yellow stripe Add edge lines stripes Long term Widen roadway to include shoulders or sidewalks

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Road Safety Audit**

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Road Section	Safety Issue	Suggestions
Wa-Ray Road		
Wa-Ray Road/Scenic Drive Intersection	Sharp skewed intersection Limited sight distance to north No stop line Evidence of erosion and landslide problems	Short term/Long term Add stop line Maintain striping Maintain erosion and landslide repairs
Wa-Ray Road to End	Poor pavement condition No striping Single lane/two way roadway Ultra-block wall to prevent erosion/landslide issues No pedestrian access	Short term/Long term Overlay or repair damaged pavement sections Add caution single lane road signs Add ditches/culverts for erosion control

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Road Safety Audit**

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Road Section	Safety Issue	Suggestions
Ter-Ker-Coo Lane		
Ter-Ker-Coo Lane/Cher-Ae Lane Intersection	N/A Private drive accessing two residences	N/A
Ter-Ker-Coo Lane to End	N/A Private drive accessing two residences	N/A

**Trinidad Rancheria
Road Safety Audit**

Red Plains Professional, Inc.
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Road Section	Safety Issue	Suggestions
Teh-Pah Lane (east side)		
Teh-Pah Lane/Westhaven Drive North Intersection	Stop line and "STOP" lettering completely worn off Rough pavement	Short term Repaint stop line and "STOP" pavement lettering
Westhaven Drive North to Kaywin Lane	Faded single solid yellow centerline No edge line stripe	Restripe centerline with double yellow stripe Add RPMs
Kaywin Lane to End	No centerline stripe Roadway ends with guardrail	Short term Consider centerline stripe (Neighborhood street, may not be necessary) Add warning sign before road ends

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Road Safety Audit**

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Road Section	Safety Issue	Suggestions
Kaywin Lane		
Kaywin Lane/Teh-Pah Lane Intersection	Driveway drop entrance with no stop sign and no stop line accessing 4 residences	Short term Add stop sign Add stop line

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Road Safety Audit**

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Road Section	Safety Issue	Suggestions
Archer Road		
Twe-Goh Court to End	Steep Grades 11' pavement section Small radius curves Drainage over roadway Shallow ditches No striping	Short term Deepen ditches Expand roadside clearing Add edge line striping Long term Widen to two lanes or add turnouts Pave gravel section Add turnouts

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Road Safety Audit**

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Scenic Drive Intersection	Mileage
Main Street	0.0
Groth Lane	0.3
Lanford Road	0.3
Way-Ra Road	0.7
Cher-Ae Lane (Casino Entrance)	0.9
Casino Exit	0.9
Baker Ranch Road	1.3
Kidder Road	1.4
Okega Lane	1.9
Trinima Road	2.0
Luffenholtz Lane	2.2
Houda Cove	2.4
Osurg Lane (Driveway)	2.9
Mawby Lane (?)	2.9
Westhaven Drive	2.9
Seadrift Lane	3.0
Metsko Lane/Rayipa Lane	3.1
Moonstone Beach Road	3.1
Hwy 101 Entrance	3.2
Cul de sac end	3.2

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Road Safety Audit**

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Westhaven Drive Intersection	Mileage
Scenic Drive	0.0
Hwy 101 NB Exit Ramp	0.0
Driver Road	0.1
2nd Avenue	0.2
5th Avenue	0.3
6th Avenue	0.4
8th Avenue	0.5
9th Avenue	0.7
Highland Avenue	0.7
Old Wagon Road	1.0
Luffenholtz Creek	1.3
Adams Fox Farm Road	1.8
Teh-Pah Lane	2.2
Lark Lane	2.4
Raven Ridge Road (west)	2.4
Raven Ridge Road (east)	2.5
McConnahas Mill Creek	2.6
McConnahas Road	2.6
Boulder Flat Lane	2.7
Red Buck Lane	2.8
Quarry Road	3.2
Trinidad Frontage Road	3.3
Hwy 101 NB Ramps	3.3
Hwy 101	3.3
Hwy 101 SB Ramps	3.4
Scenic Drive	3.4



Trinidad Rancheria
Road Safety Audit
November 2012

Appendix C

Site Visit Field Reports

Road Safety Checklist

Owner:	City of Trinidad		
Roadway Name:	Scenic Drive		
By:	KDU		
Date/Time:	11/7/2012	6:40 AM	
Weather:	Cloudy		
City/State	Trinidad, CA		
Location:	From:	Main Street	To: Lanford Road
Length:	0.3 miles		
Number of Lanes	2		
Lane Width	10-11'		
Crown/Superelevation	2% crown to 11% super		
Longitudinal Slope	5%		
Pavement Material	AC		
Pavement Condition	Good		
Shoulder Width	0-5' Rt, 0' Lt		
Shoulder Material	Soil		
Side Slopes (cut/fill)	1:1 cut to 2:1 fill		
Speed Limit	30		
Traffic Mix	Passenger Cars/Light Trucks/Bicycles		
Traffic Volume	Moderate		
Sidewalk	No		
ADA Ramps	No		
Roadway Geometry	Curves / Rolling		
Sight Distance Issues	No passing		
Clear Zones			
Intersections			

Road Safety Checklist

Driveways/Accesses	N/A
Drainage	Shallow ditches
Signage	
Sign Retroreflectivity	
Lighting	None / Tree covered / Dark
Barriers/Guardrail	None
Utilities / Poles	None
Parking	None
Turning Radii	-
Landscaping	-
Crosswalks	At Main
Centerline Striping	Double yellow w/RPMs
Edge Striping	Yes
Other Striping	-
Pavement Markers / Delineators	Yes - Double yellow at CL, some missing
Surrounding Land Uses	Commercial at Main, then residential
Pedestrian / Bicyclists	Yes, but share road with cars
Obstructions/Vegetation	Roadsides mowed
Roadside Damage	
Nighttime Issues	

Road Safety Checklist

Photographs:

1-14

Accident History:

Notes:

Missing RPMS

Faded centerline stripe

Cracks noted in new pavement

Erosion at road edge before Groth

Road Safety Checklist

Owner:	City of Trinidad		
Roadway Name:	Scenic Drive		
By:	KDU		
Date/Time:	11/7/2012	7:20 AM	
Weather:	Partly Cloudy		
City/State	Trinidad, CA		
Location:	From:	Lanford Road	To: Wa-Ray Road
Length:	0.3 miles		
Number of Lanes	2		
Lane Width	10-11'		
Crown/Superelevation	2% crown		
Longitudinal Slope	3+ %		
Pavement Material	AC		
Pavement Condition	Good		
Shoulder Width	1' to 2'		
Shoulder Material	AC		
Side Slopes (cut/fill)	1:1 cut, vertical wall behind guardrail		
Speed Limit	25		
Traffic Mix	Passenger Cars/Light Trucks/Bicycles		
Traffic Volume	Moderate		
Sidewalk	No		
ADA Ramps	No		
Roadway Geometry	Tight Curves / Rolling		
Sight Distance Issues	Yes		
Clear Zones			
Intersections			

Road Safety Checklist

Driveways/Accesses	Ok
Drainage	AC curb at guardrail to catch basin
Signage	
Sign Retroreflectivity	
Lighting	None
Barriers/Guardrail	None
Utilities / Poles	Off roadway with reflective strips
Parking	None
Turning Radii	-
Landscaping	No
Crosswalks	No
Centerline Striping	Faded (some)
Edge Striping	No
Other Striping	-
Pavement Markers / Delineators	Yes - Double yellow at CL
Surrounding Land Uses	Residential / Recreational
Pedestrian / Bicyclists	Yes, but share road with cars
Obstructions/Vegetation	1:1 cut slopes on curve
Roadside Damage	
Nighttime Issues	

Road Safety Checklist

Photographs:

15-21

Accident History:

Notes:

Many new RPMs missing

Riprap - Landslide repair (lt) - 1:1 slope

Rock obstruction near roadway

Erosion at road edge before Groth

Second guardrail section with AC curb drains to catch basin

2'-4' wide shoulder along guardrail section

Road Safety Checklist

Owner:	City of Trinidad		
Roadway Name:	Scenic Drive		
By:	KDU		
Date/Time:	11/7/2012	7:45 AM	
Weather:	Partly Cloudy		
City/State	Trinidad, CA		
Location:	From:	Wa-Ray Road	To: Cher-Ae Lane
Length:	0.2 miles		
Number of Lanes	2		
Lane Width	10-11'		
Crown/Superelevation	2% crown		
Longitudinal Slope	3+ %		
Pavement Material	AC		
Pavement Condition	Good		
Shoulder Width	1' to 2'		
Shoulder Material	AC		
Side Slopes (cut/fill)	1:1 cut, vertical wall behind guardrail		
Speed Limit	25		
Traffic Mix	Passenger Cars/Light Trucks/Bicycles		
Traffic Volume	Moderate		
Sidewalk	No		
ADA Ramps	No		
Roadway Geometry	Tight Curves / Rolling		
Sight Distance Issues	Yes		
Clear Zones			
Intersections			

Road Safety Checklist

Driveways/Accesses	Ok
Drainage	AC curb at guardrail to catch basin
Signage	
Sign Retroreflectivity	
Lighting	None
Barriers/Guardrail	None
Utilities / Poles	Off roadway with reflective strips
Parking	None
Turning Radii	-
Landscaping	No
Crosswalks	No
Centerline Striping	Faded (some)
Edge Striping	No
Other Striping	-
Pavement Markers / Delineators	Yes - Double yellow at CL
Surrounding Land Uses	Residential / Recreational
Pedestrian / Bicyclists	Yes, but share road with cars
Obstructions/Vegetation	1:1 cut slopes on curve
Roadside Damage	
Nighttime Issues	

Road Safety Checklist

Photographs:

35-39

Accident History:

Notes:

Riprap - landslide repair at Wa-Ray Road

Photos #33-34 Scenic Drive cracks just past Wa-Ray

Road Safety Checklist

Owner:	City of Trinidad		
Roadway Name:	Scenic Drive		
By:	KDU		
Date/Time:	11/7/2012	8:30 AM	
Weather:	Cloudy		
City/State	Trinidad, CA		
Location:	From:	Cher-Ae Lane	To: Casino Exit
Length:	0.1 miles		
Number of Lanes	2		
Lane Width	11'		
Crown/Superelevation	5% super		
Longitudinal Slope	2-3%		
Pavement Material	AC		
Pavement Condition	Good		
Shoulder Width	0-1'		
Shoulder Material	AC		
Side Slopes (cut/fill)	1:1 cut and fill		
Speed Limit	30		
Traffic Mix	Passenger Cars/Light Trucks/Bicycles		
Traffic Volume	Moderate		
Sidewalk	No		
ADA Ramps	No		
Roadway Geometry	Curve		
Sight Distance Issues	At Cher-Ae Lane		
Clear Zones			
Intersections			

Road Safety Checklist

Driveways/Accesses	None
Drainage	Culvert
Signage	Intersection
Sign Retroreflectivity	
Lighting	Street light at exit
Barriers/Guardrail	Yes - new
Utilities / Poles	Off roadway
Parking	None
Turning Radii	-
Landscaping	None
Crosswalks	No
Centerline Striping	Nearly gone double yellow
Edge Striping	Yes
Other Striping	-
Pavement Markers / Delineators	None
Surrounding Land Uses	Commercial and Residential
Pedestrian / Bicyclists	Yes, but share road with cars
Obstructions/Vegetation	Ok
Roadside Damage	
Nighttime Issues	

Road Safety Checklist

Photographs:

39-43

Accident History:

Notes:

Road Safety Checklist

Owner:	Humboldt County		
Roadway Name:	Scenic Drive		
By:	KDU		
Date/Time:	11/7/2012	8:30 AM	
Weather:	Partly Cloudy		
City/State	Trinidad, CA		
Location:	From:	Casino Exit	To: Baker Ranch Road
Length:	0.4 miles		
Number of Lanes	2		
Lane Width	9-10'		
Crown/Superelevation	8% super		
Longitudinal Slope	3% rolling		
Pavement Material	AC		
Pavement Condition	Fair/Good		
Shoulder Width	0'		
Shoulder Material	Soil		
Side Slopes (cut/fill)	1:1 cut and 1:1 to 1:2 fill		
Speed Limit	30		
Traffic Mix	Passenger Cars/Light Trucks/Bicycles		
Traffic Volume	Moderate		
Sidewalk	No		
ADA Ramps	No		
Roadway Geometry	curves / rolling		
Sight Distance Issues	Cut slopes at road edge		
Clear Zones			
Intersections			

Road Safety Checklist

Driveways/Accesses	Ok
Drainage	No ditches
Signage	"Share the Road"
Sign Retroreflectivity	
Lighting	None
Barriers/Guardrail	None
Utilities / Poles	Off roadway
Parking	None
Turning Radii	-
Landscaping	None
Crosswalks	No
Centerline Striping	Very old double yellow and newer broken yellow
Edge Striping	No
Other Striping	-
Pavement Markers / Delineators	None
Surrounding Land Uses	Residential
Pedestrian / Bicyclists	Yes, but share road with cars
Obstructions/Vegetation	Yes, vegetation and cut slopes
Roadside Damage	
Nighttime Issues	

Road Safety Checklist

Photographs:

44-51

Accident History:

Notes:

One lane section 15' AC

Newer broken yellow centerline stripe after 1 lace section

Patched AC through 1 lane section

Roadside vegetation not mowed - ~6' tall

Road becomes rough with potholes

Road Safety Checklist

Owner:	Humboldt County		
Roadway Name:	Scenic Drive		
By:	KDU		
Date/Time:	11/7/2012	8:45 AM	
Weather:	Partly Cloudy		
City/State	Trinidad, CA		
Location:	From:	Baker Ranch Road	To: Kidder Road
Length:	0.1 miles		
Number of Lanes	2 / 1		
Lane Width	11'		
Crown/Superelevation	2% crown - 5% super		
Longitudinal Slope	4%		
Pavement Material	AC		
Pavement Condition	Fair		
Shoulder Width	0'		
Shoulder Material	-		
Side Slopes (cut/fill)	1:1 / 1:1		
Speed Limit	30		
Traffic Mix	Passenger Cars/Light Trucks/Bicycles		
Traffic Volume	Moderate		
Sidewalk	No		
ADA Ramps	No		
Roadway Geometry	curves / rolling		
Sight Distance Issues			
Clear Zones			
Intersections			

Road Safety Checklist

Driveways/Accesses	Driveways
Drainage	Bermed AC gutter
Signage	
Sign Retroreflectivity	
Lighting	None
Barriers/Guardrail	None
Utilities / Poles	Ok
Parking	None
Turning Radii	-
Landscaping	None
Crosswalks	No
Centerline Striping	Broken yellow
Edge Striping	No
Other Striping	-
Pavement Markers / Delineators	None
Surrounding Land Uses	Residential/Recreational
Pedestrian / Bicyclists	Yes, but share road with cars
Obstructions/Vegetation	Ok
Roadside Damage	-
Nighttime Issues	

Road Safety Checklist

Photographs:

52-56, Kidder Road 57-59, #55 No Stop Line, Poor Sight Distance, #60 drainage crossing at Scenic Drive and Kidder Road

Accident History:

Notes:

One lane section 15' AC

Newer broken yellow centerline stripe after 1 lace section

Patched AC through 1 lane section

Roadside vegetation not mowed - ~6' tall

Road becomes rough with potholes

Road Safety Checklist

Owner:	Humboldt County		
Roadway Name:	Scenic Drive		
By:	KDU		
Date/Time:	11/7/2012	9:00 AM	
Weather:	Partly Cloudy		
City/State	Trinidad, CA		
Location:	From:	Kidder Road	To: Trinima Road
Length:	0.6 miles		
Number of Lanes	2 / 1		
Lane Width	9' - 2 way / 15' single lane		
Crown/Superelevation	Up to 9% super		
Longitudinal Slope	Rolling 2-5%		
Pavement Material	AC		
Pavement Condition	Very poor		
Shoulder Width	0'		
Shoulder Material	-		
Side Slopes (cut/fill)	1:1		
Speed Limit	30		
Traffic Mix	Passenger Cars/Light Trucks/Bicycles		
Traffic Volume	Moderate		
Sidewalk	No		
ADA Ramps	No		
Roadway Geometry	curves / rolling		
Sight Distance Issues	Cut slopes at pavement edge		
Clear Zones			
Intersections			

Road Safety Checklist

Driveways/Accesses	N/A
Drainage	None
Signage	Poor condition
Sign Retroreflectivity	-
Lighting	None
Barriers/Guardrail	None
Utilities / Poles	Out of road with reflective stripes
Parking	-
Turning Radii	-
Landscaping	None
Crosswalks	No
Centerline Striping	Broken yellow or none
Edge Striping	No
Other Striping	-
Pavement Markers / Delineators	None
Surrounding Land Uses	Residential/Recreational
Pedestrian / Bicyclists	Yes, but share road with vehicles
Obstructions/Vegetation	Some vegetation obstructions
Roadside Damage	-
Nighttime Issues	

Road Safety Checklist

Photographs:

61-84

Accident History:

Notes:

Much evidence of unstable land, pavement settlement, patching

Rebuilt gravel section 15' wide with near vertical cuts and some sloughing

Rock obstructions near road

Water flowing across road at Trinima Road

Road Safety Checklist

Owner:	Humboldt County		
Roadway Name:	Scenic Drive		
By:	KDU		
Date/Time:	11/7/2012	9:30 AM	
Weather:	Partly Cloudy		
City/State	Trinidad, CA		
Location:	From:	Trinima Road	To: Luffenholtz Creek
Length:	0.2 miles		
Number of Lanes	2 / 1		
Lane Width	1 = 14'		
Crown/Superelevation			
Longitudinal Slope	Up to 12%		
Pavement Material	AC		
Pavement Condition	Poor		
Shoulder Width	-		
Shoulder Material	-		
Side Slopes (cut/fill)	1:1 cut and fill		
Speed Limit	10		
Traffic Mix	Passenger Cars/Light Trucks/Bicycles		
Traffic Volume	Moderate		
Sidewalk	No		
ADA Ramps	No		
Roadway Geometry	Curves / Rolling		
Sight Distance Issues	Vertical curve issues at single lane		
Clear Zones			
Intersections			

Road Safety Checklist

Driveways/Accesses	
Drainage	No ditches
Signage	
Sign Retroreflectivity	
Lighting	None
Barriers/Guardrail	New guardrail
Utilities / Poles	None
Parking	Ok - turnouts
Turning Radii	-
Landscaping	None
Crosswalks	No
Centerline Striping	Broken yellow or none
Edge Striping	No
Other Striping	-
Pavement Markers / Delineators	None
Surrounding Land Uses	Residential/Recreational
Pedestrian / Bicyclists	Yes, but share road with vehicles
Obstructions/Vegetation	Some vegetation obstructions
Roadside Damage	-
Nighttime Issues	

Road Safety Checklist

Photographs:

85-96

Accident History:

Notes:

Road Safety Checklist

Owner:	Humboldt County		
Roadway Name:	Scenic Drive		
By:	KDU		
Date/Time:	11/7/2012	10:15 AM	
Weather:	Partly Cloudy		
City/State	Trinidad, CA		
Location:	From:	Luffenholtz Creek	To: Houda Cove
Length:	0.2 miles		
Number of Lanes	1 / 2		
Lane Width	10'/2 lane - 15'/1 lane		
Crown/Superelevation	Varies		
Longitudinal Slope	1-3%		
Pavement Material	AC		
Pavement Condition	Poor		
Shoulder Width	0		
Shoulder Material	-		
Side Slopes (cut/fill)	1:1 cut and fill		
Speed Limit	10		
Traffic Mix	Passenger Cars/Light Trucks/Bicycles		
Traffic Volume	Moderate		
Sidewalk	No		
ADA Ramps	No		
Roadway Geometry	Curves / Rolling		
Sight Distance Issues	Cut slopes		
Clear Zones			
Intersections			

Road Safety Checklist

Driveways/Accesses	
Drainage	Limited ditches
Signage	Speed / curves
Sign Retroreflectivity	
Lighting	None
Barriers/Guardrail	No
Utilities / Poles	None
Parking	Ok - turnouts
Turning Radii	-
Landscaping	None
Crosswalks	No
Centerline Striping	Broken yellow or none
Edge Striping	No
Other Striping	-
Pavement Markers / Delineators	None
Surrounding Land Uses	Residential/Recreational
Pedestrian / Bicyclists	Yes, but share road with vehicles
Obstructions/Vegetation	Vegetation and cut slope obstructions
Roadside Damage	Cracks
Nighttime Issues	

Road Safety Checklist

Photographs:

97-113

Accident History:

Notes:

Road Safety Checklist

Owner:	Humboldt County		
Roadway Name:	Scenic Drive		
By:	KDU		
Date/Time:	11/7/2012	10:30 AM	
Weather:	Partly Cloudy		
City/State	Trinidad, CA		
Location:	From:	Houda Cove	To: Last Turnout at coastline
Length:	0.2 miles		
Number of Lanes	1 / 2		
Lane Width	13' for 1 lane, 9'-10' for 2 lane		
Crown/Superelevation			
Longitudinal Slope	0-5%		
Pavement Material	AC		
Pavement Condition	Fair		
Shoulder Width	0		
Shoulder Material	-		
Side Slopes (cut/fill)	1:1 or steeper		
Speed Limit	10		
Traffic Mix	Passenger Cars/Light Trucks/Bicycles		
Traffic Volume	Moderate		
Sidewalk	No		
ADA Ramps	No		
Roadway Geometry	Curves / Rolling		
Sight Distance Issues	Vegetation and cut slope obstructions		
Clear Zones			
Intersections			

Road Safety Checklist

Driveways/Accesses	N/A
Drainage	No ditches
Signage	One lane road
Sign Retroreflectivity	
Lighting	None
Barriers/Guardrail	Good - At pavement edge
Utilities / Poles	None
Parking	Ok - turnouts
Turning Radii	-
Landscaping	None
Crosswalks	No
Centerline Striping	Broken yellow or none (faded some)
Edge Striping	No
Other Striping	-
Pavement Markers / Delineators	No, but delineators at slide
Surrounding Land Uses	Residential/Recreational
Pedestrian / Bicyclists	Yes, but share road with vehicles
Obstructions/Vegetation	Vegetation and cut slope obstructions
Roadside Damage	
Nighttime Issues	

Road Safety Checklist

Photographs:

114

Accident History:

Notes:

Road Safety Checklist

Owner:	Humboldt County		
Roadway Name:	Scenic Drive		
By:	KDU		
Date/Time:	11/7/2012	10:40 AM	
Weather:	Partly Cloudy		
City/State	Trinidad, CA		
Location:	From:	Last turnout at coastline	To: Westhaven Drive
Length:	0.4 miles		
Number of Lanes	2		
Lane Width	10'		
Crown/Superelevation	2%		
Longitudinal Slope	0-5% rolling		
Pavement Material	AC		
Pavement Condition	Poor		
Shoulder Width	0		
Shoulder Material	-		
Side Slopes (cut/fill)	3:1 both sides		
Speed Limit	30		
Traffic Mix	Passenger Cars/Light Trucks/Bicycles		
Traffic Volume	Moderate		
Sidewalk	No		
ADA Ramps	No		
Roadway Geometry	Curves / Rolling		
Sight Distance Issues	Ok		
Clear Zones			
Intersections			

Road Safety Checklist

Driveways/Accesses	Ok
Drainage	Ditches
Signage	
Sign Retroreflectivity	
Lighting	None
Barriers/Guardrail	None
Utilities / Poles	None
Parking	No
Turning Radii	-
Landscaping	None
Crosswalks	No
Centerline Striping	Broken yellow
Edge Striping	No
Other Striping	-
Pavement Markers / Delineators	No
Surrounding Land Uses	Residential
Pedestrian / Bicyclists	Yes, but share road with vehicles
Obstructions/Vegetation	Ok
Roadside Damage	
Nighttime Issues	

Road Safety Checklist

Photographs:

115-118

Accident History:

Notes:

Patched AC

Cracks

Alligatored pavement sections

Road Safety Checklist

Owner:	Humboldt County		
Roadway Name:	Scenic Drive		
By:	KDU		
Date/Time:	11/7/2012	11:00 AM	
Weather:	Partly Cloudy		
City/State	Trinidad, CA		
Location:	From:	Westhaven Drive	To: Hwy 101 Southbound
Length:	0.3 miles		
Number of Lanes	2		
Lane Width	10/11'		
Crown/Superelevation	+/- 2%		
Longitudinal Slope			
Pavement Material	AC		
Pavement Condition	Poor		
Shoulder Width	0		
Shoulder Material	-		
Side Slopes (cut/fill)	2:1 cut, 3:1 fill		
Speed Limit	30		
Traffic Mix	Passenger Cars/Light Trucks/Bicycles		
Traffic Volume	Moderate		
Sidewalk	No		
ADA Ramps	No		
Roadway Geometry	Curves / Rolling		
Sight Distance Issues	Vegetation obstructions		
Clear Zones			
Intersections			

Road Safety Checklist

Driveways/Accesses	Ok
Drainage	No ditches
Signage	
Sign Retroreflectivity	
Lighting	None
Barriers/Guardrail	None
Utilities / Poles	None
Parking	No
Turning Radii	-
Landscaping	None
Crosswalks	No
Centerline Striping	Broken yellow
Edge Striping	Very faded edge stripe
Other Striping	-
Pavement Markers / Delineators	No
Surrounding Land Uses	Residential
Pedestrian / Bicyclists	Yes, but share road with vehicles
Obstructions/Vegetation	Vegetation obstructions
Roadside Damage	
Nighttime Issues	

Road Safety Checklist

Photographs:

117-123

Accident History:

Notes:

Road Safety Checklist

Owner:	Humboldt County		
Roadway Name:	Scenic Drive		
By:	KDU		
Date/Time:	11/7/2012	11:00 AM	
Weather:	Partly Cloudy		
City/State	Trinidad, CA		
Location:	From:	Hwy 101 Southbound	To: End
Length:	0.1 miles		
Number of Lanes	Cul de sac		
Lane Width			
Crown/Superelevation	Shed 5%		
Longitudinal Slope			
Pavement Material	AC		
Pavement Condition	Fair		
Shoulder Width	-		
Shoulder Material	-		
Side Slopes (cut/fill)	2:1 cut, 3:1 fill		
Speed Limit	30		
Traffic Mix	Passenger Cars/Light Trucks/Bicycles		
Traffic Volume	Low		
Sidewalk	No		
ADA Ramps	No		
Roadway Geometry			
Sight Distance Issues			
Clear Zones			
Intersections			

Road Safety Checklist

Red Plains Professional, Inc.

Driveways/Accesses	None
Drainage	None
Signage	None
Sign Retroreflectivity	
Lighting	None
Barriers/Guardrail	None
Utilities / Poles	None
Parking	None
Turning Radii	
Landscaping	None
Crosswalks	None
Centerline Striping	None
Edge Striping	None
Other Striping	None
Pavement Markers / Delineators	None
Surrounding Land Uses	Residential
Pedestrian / Bicyclists	None
Obstructions/Vegetation	None
Roadside Damage	None
Nighttime Issues	

Road Safety Checklist

Photographs:

123-127

Accident History:

Notes:

Road Safety Checklist

Owner:	Humboldt County		
Roadway Name:	Westhaven Drive		
By:	KDU		
Date/Time:	11/7/2012	11:30 AM	
Weather:	Partly Cloudy		
City/State	Trinidad, CA		
Location:	From:	2nd Avenue	To: 9th Avenue
Length:	0.7 miles		
Number of Lanes	2		
Lane Width	11/12'		
Crown/Superelevation			
Longitudinal Slope	Up to 9%		
Pavement Material	AC		
Pavement Condition	Good		
Shoulder Width	0		
Shoulder Material	-		
Side Slopes (cut/fill)	3:1		
Speed Limit	25		
Traffic Mix	Passenger Cars/Light Trucks/Bicycles		
Traffic Volume	Moderate		
Sidewalk	No		
ADA Ramps	No		
Roadway Geometry	Sharp curves, moderate grades		
Sight Distance Issues			
Clear Zones			
Intersections			

Road Safety Checklist

Driveways/Accesses	
Drainage	Ditches
Signage	
Sign Retroreflectivity	
Lighting	None
Barriers/Guardrail	None
Utilities / Poles	Near roadway with reflective stripes
Parking	-
Turning Radii	-
Landscaping	None
Crosswalks	None
Centerline Striping	Broken yellow
Edge Striping	None
Other Striping	None
Pavement Markers / Delineators	None
Surrounding Land Uses	Residential
Pedestrian / Bicyclists	Yes, but share road with vehicles
Obstructions/Vegetation	Tree obstructions
Roadside Damage	
Nighttime Issues	

Road Safety Checklist

Photographs:

128-150

Accident History:

Notes:

Road Safety Checklist

Owner:	Humboldt County		
Roadway Name:	Westhaven Drive		
By:	KDU		
Date/Time:	11/7/2012	11:45 AM	
Weather:	Sunny		
City/State	Trinidad, CA		
Location:	From:	9th Avenue	To: Old Wagon Road
Length:	0.3 miles		
Number of Lanes	2		
Lane Width	10/11'		
Crown/Superelevation	1% - 2%		
Longitudinal Slope	Flat to rolling		
Pavement Material	AC		
Pavement Condition	Good		
Shoulder Width	0		
Shoulder Material	-		
Side Slopes (cut/fill)	3:1		
Speed Limit	25		
Traffic Mix	Passenger Cars/Light Trucks/Bicycles		
Traffic Volume	Moderate		
Sidewalk	No		
ADA Ramps	No		
Roadway Geometry	Curves / Rolling		
Sight Distance Issues	Vertical curve and tree obstructions		
Clear Zones			
Intersections			

Road Safety Checklist

Driveways/Accesses	
Drainage	Ditches
Signage	
Sign Retroreflectivity	
Lighting	None
Barriers/Guardrail	None
Utilities / Poles	Near roadway with reflective stripes
Parking	-
Turning Radii	-
Landscaping	None
Crosswalks	None
Centerline Striping	Faded Broken yellow
Edge Striping	None
Other Striping	None
Pavement Markers / Delineators	None
Surrounding Land Uses	Residential
Pedestrian / Bicyclists	Yes, but share road with vehicles
Obstructions/Vegetation	Tree obstructions
Roadside Damage	
Nighttime Issues	

Road Safety Checklist

Photographs:

150-153

Accident History:

Notes:

Road Safety Checklist

Owner:	Humboldt County		
Roadway Name:	Westhaven Drive		
By:	KDU		
Date/Time:	11/7/2012	12:00 PM	
Weather:	Sunny		
City/State	Trinidad, CA		
Location:	From:	Old Wagon Road	To: Luffenholtz Creek
Length:	0.3 miles		
Number of Lanes	2		
Lane Width	10-12' (varies)		
Crown/Superelevation	Up to 5% super		
Longitudinal Slope	Up to 8%		
Pavement Material	AC		
Pavement Condition	Poor - cracks and alligatored sections		
Shoulder Width	0 - Mowed +/- 5'		
Shoulder Material	Grass		
Side Slopes (cut/fill)	2:1		
Speed Limit	25		
Traffic Mix	Passenger Cars/Light Trucks/Bicycles		
Traffic Volume	Moderate		
Sidewalk	No		
ADA Ramps	No		
Roadway Geometry	Curves / Rolling		
Sight Distance Issues	No passing		
Clear Zones			
Intersections			

Road Safety Checklist

Driveways/Accesses	Sight distance issues
Drainage	Shallow ditches
Signage	
Sign Retroreflectivity	
Lighting	None
Barriers/Guardrail	None
Utilities / Poles	Near roadway with reflective stripes
Parking	None
Turning Radii	-
Landscaping	None
Crosswalks	None
Centerline Striping	Faded Broken yellow
Edge Striping	None
Other Striping	None
Pavement Markers / Delineators	None
Surrounding Land Uses	Residential
Pedestrian / Bicyclists	Yes, but share road with vehicles
Obstructions/Vegetation	Ok
Roadside Damage	
Nighttime Issues	

Road Safety Checklist

Photographs:

154-157

Accident History:

Notes:

Road Safety Checklist

Owner:	Humboldt County		
Roadway Name:	Westhaven Drive		
By:	KDU		
Date/Time:	11/7/2012	12:10 PM	
Weather:	Sunny		
City/State	Trinidad, CA		
Location:	From:	Luffenholtz Creek	To: Adams Fox Farm Road
Length:	0.5 miles		
Number of Lanes	2		
Lane Width	9'		
Crown/Superelevation	1.5 to 2%		
Longitudinal Slope			
Pavement Material	AC		
Pavement Condition	Poor		
Shoulder Width			
Shoulder Material	5' mowed grass		
Side Slopes (cut/fill)	2:1		
Speed Limit	25		
Traffic Mix	Passenger Cars/Light Trucks/Bicycles		
Traffic Volume	Moderate		
Sidewalk	No		
ADA Ramps	No		
Roadway Geometry	Curves / Rolling		
Sight Distance Issues	Tree obstructions		
Clear Zones			
Intersections			

Road Safety Checklist

Red Plains Professional, Inc.

Driveways/Accesses	
Drainage	Shallow ditches
Signage	
Sign Retroreflectivity	
Lighting	None
Barriers/Guardrail	None
Utilities / Poles	Off roadway with reflective stripes
Parking	-
Turning Radii	-
Landscaping	None
Crosswalks	None
Centerline Striping	Broken yellow or none
Edge Striping	None
Other Striping	None
Pavement Markers / Delineators	None
Surrounding Land Uses	Residential
Pedestrian / Bicyclists	Yes, but share road with vehicles
Obstructions/Vegetation	Tree obstructions
Roadside Damage	
Nighttime Issues	

Road Safety Checklist

Photographs:

158-164

Accident History:

Notes:

Very rough pavement

Alligatored pavement sections

Patched asphalt

Road Safety Checklist

Owner:	Humboldt County		
Roadway Name:	Westhaven Drive		
By:	KDU		
Date/Time:	11/7/2012	12:25 PM	
Weather:	Sunny		
City/State	Trinidad, CA		
Location:	From:	Adams Fox Farm Road	To: Teh-Pah Lane (east)
Length:	0.4 miles		
Number of Lanes	2		
Lane Width	8'		
Crown/Superelevation	1.5 - 2%		
Longitudinal Slope	+/- flat		
Pavement Material	AC		
Pavement Condition	Fair/Poor		
Shoulder Width	0		
Shoulder Material			
Side Slopes (cut/fill)	2:1		
Speed Limit	25		
Traffic Mix	Passenger Cars/Light Trucks/Bicycles		
Traffic Volume	Moderate		
Sidewalk	No		
ADA Ramps	No		
Roadway Geometry	Curves / Flat to Rolling		
Sight Distance Issues	Trees encroaching / snag		
Clear Zones			
Intersections			

Road Safety Checklist

Driveways/Accesses	
Drainage	Shallow ditches
Signage	
Sign Retroreflectivity	
Lighting	None
Barriers/Guardrail	None
Utilities / Poles	Near roadway with reflective stripes
Parking	None
Turning Radii	-
Landscaping	None
Crosswalks	None
Centerline Striping	Faded broken yellow
Edge Striping	None
Other Striping	None
Pavement Markers / Delineators	None
Surrounding Land Uses	Residential
Pedestrian / Bicyclists	Yes, but share road with vehicles
Obstructions/Vegetation	Tree obstructions
Roadside Damage	
Nighttime Issues	

Road Safety Checklist

Photographs:

164-170

Accident History:

Notes:

Road Safety Checklist

Owner:	Humboldt County		
Roadway Name:	Westhaven Drive		
By:	KDU		
Date/Time:	11/7/2012	1:00 PM	
Weather:	Sunny		
City/State	Trinidad, CA		
Location:	From:	Teh-Pah Lane (east)	To: McConnahas Road
Length:	0.4 miles		
Number of Lanes	2		
Lane Width	9/10'		
Crown/Superelevation	Crowned to 5% super		
Longitudinal Slope	2-5%		
Pavement Material	AC		
Pavement Condition	Fair - cracks/patches		
Shoulder Width	0		
Shoulder Material	5' mowed		
Side Slopes (cut/fill)	3:1		
Speed Limit	25		
Traffic Mix	Passenger Cars/Light Trucks/Bicycles		
Traffic Volume	Moderate		
Sidewalk	No		
ADA Ramps	No		
Roadway Geometry	Curves / Rolling		
Sight Distance Issues	Ok		
Clear Zones			
Intersections			

Road Safety Checklist

Red Plains Professional, Inc.

Driveways/Accesses	Ok
Drainage	Ditches
Signage	
Sign Retroreflectivity	
Lighting	None
Barriers/Guardrail	None
Utilities / Poles	Off roadway with reflective stripes
Parking	None
Turning Radii	-
Landscaping	None
Crosswalks	None
Centerline Striping	Broken yellow
Edge Striping	None
Other Striping	None
Pavement Markers / Delineators	None
Surrounding Land Uses	Residential
Pedestrian / Bicyclists	Yes, but share road with vehicles
Obstructions/Vegetation	Ok
Roadside Damage	
Nighttime Issues	

Road Safety Checklist

Photographs:

179-183

Accident History:

Notes:

Road Safety Checklist

Owner:	Humboldt County		
Roadway Name:	Westhaven Drive		
By:	KDU		
Date/Time:	11/7/2012	1:10 PM	
Weather:	Sunny		
City/State	Trinidad, CA		
Location:	From:	McConnahas Road	To: Quarry Road
Length:	0.6 miles		
Number of Lanes	2		
Lane Width	9/10'		
Crown/Superelevation	2% crown		
Longitudinal Slope	Varies to 4%		
Pavement Material	AC		
Pavement Condition	McConnahas to Raven - Poor, then Fair from Raven to Quarry		
Shoulder Width	0 to minimal		
Shoulder Material	Soil		
Side Slopes (cut/fill)	3:1		
Speed Limit	25		
Traffic Mix	Passenger Cars/Light Trucks/Bicycles		
Traffic Volume	Moderate		
Sidewalk	No		
ADA Ramps	No		
Roadway Geometry	Curves / Rolling		
Sight Distance Issues	Ok		
Clear Zones			
Intersections	Sight distances?		

Road Safety Checklist

Driveways/Accesses	
Drainage	Ditches
Signage	
Sign Retroreflectivity	
Lighting	None
Barriers/Guardrail	None
Utilities / Poles	Off roadway
Parking	-
Turning Radii	-
Landscaping	None
Crosswalks	None
Centerline Striping	Some fading - broken yellow
Edge Striping	None
Other Striping	None
Pavement Markers / Delineators	None
Surrounding Land Uses	Residential
Pedestrian / Bicyclists	Yes, but share road with vehicles
Obstructions/Vegetation	Ok - mowed edges 5+ feet
Roadside Damage	
Nighttime Issues	

Road Safety Checklist

Photographs:

184-186

Accident History:

Notes:

Road Safety Checklist

Owner:	Humboldt County		
Roadway Name:	Westhaven Drive		
By:	KDU		
Date/Time:	11/7/2012	1:25 PM	
Weather:	Sunny		
City/State	Trinidad, CA		
Location:	From:	Quarry Road	To: Trinidad Frontage Road
Length:	0.1 miles		
Number of Lanes	2		
Lane Width	10/11'		
Crown/Superelevation	5% super		
Longitudinal Slope	3-5%		
Pavement Material	AC		
Pavement Condition	Fair to Good		
Shoulder Width	2'		
Shoulder Material	Paved/gravel		
Side Slopes (cut/fill)	3:1		
Speed Limit	25		
Traffic Mix	Passenger Cars/Light Trucks/Bicycles		
Traffic Volume	Moderate		
Sidewalk	No		
ADA Ramps	No		
Roadway Geometry	Curves / Rolling		
Sight Distance Issues	Ok		
Clear Zones			
Intersections			

Road Safety Checklist

Red Plains Professional, Inc.

Driveways/Accesses	
Drainage	Ditches on both sides
Signage	Vegetation covering
Sign Retroreflectivity	
Lighting	None
Barriers/Guardrail	None
Utilities / Poles	Off roadway with reflective stripes
Parking	-
Turning Radii	-
Landscaping	None
Crosswalks	None
Centerline Striping	Broken yellow - worn off
Edge Striping	None
Other Striping	None
Pavement Markers / Delineators	None
Surrounding Land Uses	Residential/Commercial
Pedestrian / Bicyclists	Yes, but share road with vehicles
Obstructions/Vegetation	Ok
Roadside Damage	
Nighttime Issues	

Road Safety Checklist

Photographs:

187-193

Accident History:

Notes:

No stop line at Quarry Road

Centerline stripe worn away on Westhaven Drive

Road Safety Checklist

Owner:	Trinidad Rancheria		
Roadway Name:	Teh-Pah Lane (east)		
By:	KDU		
Date/Time:	11/7/2012	12:30 PM	
Weather:	Sunny		
City/State	Trinidad, CA		
Location:	From:	Scenic Drive	To: End
Length:	0.1 miles		
Number of Lanes	2		
Lane Width	12'		
Crown/Superelevation	Up to 5%		
Longitudinal Slope	8%		
Pavement Material	AC		
Pavement Condition	Fair		
Shoulder Width	N/A		
Shoulder Material	-		
Side Slopes (cut/fill)	4:1		
Speed Limit	15		
Traffic Mix	Passenger Cars/Light Trucks/Bicycles		
Traffic Volume	Low		
Sidewalk	Yes - 3' both sides		
ADA Ramps	No		
Roadway Geometry	Curves / Sloped		
Sight Distance Issues	Ok		
Clear Zones			
Intersections			

Road Safety Checklist

Red Plains Professional, Inc.

Driveways/Accesses	Ok
Drainage	Curb and gutter
Signage	
Sign Retroreflectivity	
Lighting	None
Barriers/Guardrail	At end of road only
Utilities / Poles	Behind sidewalks
Parking	-
Turning Radii	-
Landscaping	None
Crosswalks	None
Centerline Striping	Single solid yellow to Kay-Win, then none
Edge Striping	None
Other Striping	None
Pavement Markers / Delineators	None
Surrounding Land Uses	Residential
Pedestrian / Bicyclists	Yes. Sidewalk.
Obstructions/Vegetation	
Roadside Damage	
Nighttime Issues	

Road Safety Checklist

Photographs:

171-176

Accident History:

Notes:

Reconstructed residential street section

Road Safety Checklist

Owner:	Trinidad Rancheria		
Roadway Name:	Kay-Win Lane		
By:	KDU		
Date/Time:	11/7/2012	12:45 PM	
Weather:	Sunny		
City/State	Trinidad, CA		
Location:	From:	Teh-Pah Lane (east)	To: End
Length:	200 feet		
Number of Lanes	2		
Lane Width	23' total AC width		
Crown/Superelevation	2% shed		
Longitudinal Slope	1-2%		
Pavement Material	AC		
Pavement Condition	Good		
Shoulder Width	N/A		
Shoulder Material	N/A		
Side Slopes (cut/fill)	N/A		
Speed Limit	15		
Traffic Mix	Passenger Cars/Light Trucks/Bicycles		
Traffic Volume	Low		
Sidewalk	No		
ADA Ramps	No		
Roadway Geometry	Straight/short to end of cul de sac		
Sight Distance Issues	Ok		
Clear Zones	Ok		
Intersections	Ok - Driveway drop entrance		

Road Safety Checklist

Driveways/Accesses	Ok
Drainage	Bermed AC
Signage	Not a through street sign down on ground, Speed Limit 15 MPH sign 15' up in tree
Sign Retroreflectivity	
Lighting	None
Barriers/Guardrail	None
Utilities / Poles	Ok
Parking	Ok
Turning Radii	-
Landscaping	None
Crosswalks	None
Centerline Striping	None
Edge Striping	None
Other Striping	None
Pavement Markers / Delineators	None
Surrounding Land Uses	Residential
Pedestrian / Bicyclists	Yes but share road
Obstructions/Vegetation	None
Roadside Damage	
Nighttime Issues	

Road Safety Checklist

Photographs:

177-178

Accident History:

Notes:

Road serves two residences

Driveway drop entrance from Teh-Pah non-standard intersection

Road Safety Checklist

Owner:	City of Trinidad		
Roadway Name:	Main Street		
By:	KDU		
Date/Time:	11/7/2012	1:45 PM	
Weather:	Partly Cloudy		
City/State	Trinidad, CA		
Location:	From:	Westhaven Drive	To: Scenic Drive
Length:	400 feet		
Number of Lanes	2		
Lane Width			
Crown/Superelevation			
Longitudinal Slope			
Pavement Material	AC		
Pavement Condition	Good		
Shoulder Width			
Shoulder Material			
Side Slopes (cut/fill)			
Speed Limit			
Traffic Mix			
Traffic Volume			
Sidewalk			
ADA Ramps			
Roadway Geometry			
Sight Distance Issues			
Clear Zones			
Intersections			

Road Safety Checklist

Driveways/Accesses	
Drainage	Catch basins and curbs
Signage	
Sign Retroreflectivity	
Lighting	New bases at Scenic/Main SW and NE corners
Barriers/Guardrail	
Utilities / Poles	
Parking	Park and Rides on Trinidad Frontage and Patrick's Point Drive
Turning Radii	
Landscaping	Ok
Crosswalks	Ok
Centerline Striping	
Edge Striping	
Other Striping	
Pavement Markers / Delineators	
Surrounding Land Uses	Commercial
Pedestrian / Bicyclists	
Obstructions/Vegetation	
Roadside Damage	
Nighttime Issues	

Road Safety Checklist

Photographs:

194-206

Accident History:

Notes:

New sidewalk on both sides with ADA ramps and foundations for street lights

Street crosses under Hwy 101

Intersections are very busy and only some are stop controlled

Road Safety Checklist

Owner:	Trinidad Rancheria		
Roadway Name:	Cher-Ae Lane		
By:	KDU		
Date/Time:	11/7/2012	2:20 PM	
Weather:	Partly Cloudy		
City/State	Trinidad, CA		
Location:	From:	Scenic Drive	To: End
Length:	0.15 miles		
Number of Lanes	2		
Lane Width	12'		
Crown/Superelevation	2% crown		
Longitudinal Slope	12-13%		
Pavement Material	AC		
Pavement Condition	Good		
Shoulder Width	0' to parking lot / 3-4' parking lot to end		
Shoulder Material	AC		
Side Slopes (cut/fill)	2:1 to 1:1, evidence of slope slippage		
Speed Limit	20		
Traffic Mix	Passenger Cars and Delivery Trucks		
Traffic Volume	Low		
Sidewalk	No		
ADA Ramps	No		
Roadway Geometry	Curved / Sloped		
Sight Distance Issues	No		
Clear Zones			
Intersections			

Road Safety Checklist

Red Plains Professional, Inc.

Driveways/Accesses	
Drainage	Ditch to culvert
Signage	
Sign Retroreflectivity	
Lighting	In parking lot
Barriers/Guardrail	None
Utilities / Poles	Off roadway - ok
Parking	Ok
Turning Radii	
Landscaping	Ok
Crosswalks	4.5' wide at first parking lot intersection
Centerline Striping	Faded broken yellow
Edge Striping	Red curb right / none left / white edge from parking lot to end on left
Other Striping	Speed bumps with signs
Pavement Markers / Delineators	None
Surrounding Land Uses	Commercial
Pedestrian / Bicyclists	Limited
Obstructions/Vegetation	
Roadside Damage	
Nighttime Issues	

Road Safety Checklist

Photographs:

207-225

Accident History:

Notes:

No stop signs or stop lines at Ma-We-Mor View Lane / Pa Pah Lane

Road Safety Checklist

Owner:	Trinidad Rancheria		
Roadway Name:	Wa-Ray Road		
By:	KDU		
Date/Time:	11/7/2012	8:00 AM	
Weather:	Cloudy		
City/State	Trinidad, CA		
Location:	From:	Scenic Drive	To: End
Length:	225 feet		
Number of Lanes	1		
Lane Width	10-12'		
Crown/Superelevation	N/A		
Longitudinal Slope	16% (33% at Scenic Drive low side)		
Pavement Material	AC		
Pavement Condition	Very poor		
Shoulder Width	0		
Shoulder Material	-		
Side Slopes (cut/fill)	1:1 to vertical		
Speed Limit	N/A		
Traffic Mix	Passenger cars		
Traffic Volume	Low		
Sidewalk	No		
ADA Ramps	No		
Roadway Geometry	Curved / Steep slope		
Sight Distance Issues	No		
Clear Zones			
Intersections			

Road Safety Checklist

Driveways/Accesses	Access to two residences
Drainage	Channel drain near Scenic and seepage from block wall
Signage	
Sign Retroreflectivity	
Lighting	-
Barriers/Guardrail	Block wall
Utilities / Poles	None
Parking	-
Turning Radii	-
Landscaping	None
Crosswalks	None
Centerline Striping	None
Edge Striping	None
Other Striping	None
Pavement Markers / Delineators	None
Surrounding Land Uses	Residential
Pedestrian / Bicyclists	None
Obstructions/Vegetation	Tight access - Sharp turn and block wall
Roadside Damage	
Nighttime Issues	No lights

Road Safety Checklist

Photographs:

26-29

Accident History:

Notes:

No stop signs or stop lines at Ma-We-Mor View Lane / Pa Pah Lane

Road Safety Checklist

Owner:	Trinidad Rancheria		
Roadway Name:	Casino Exit		
By:	KDU		
Date/Time:	11/7/2012	3:00 PM	
Weather:	Cloudy		
City/State	Trinidad, CA		
Location:	From:	Parking lot	To: Scenic Drive
Length:	225 feet		
Number of Lanes	1		
Lane Width	AC width +/- 33'		
Crown/Superelevation	5% shed		
Longitudinal Slope	17%		
Pavement Material	AC		
Pavement Condition	Very good		
Shoulder Width	-		
Shoulder Material	-		
Side Slopes (cut/fill)	3:1 to near vertical		
Speed Limit	15		
Traffic Mix	Passenger Cars		
Traffic Volume	Low		
Sidewalk	No		
ADA Ramps	No		
Roadway Geometry	Curved / Steep down grade		
Sight Distance Issues	No		
Clear Zones			
Intersections			

Road Safety Checklist

Driveways/Accesses	N/A
Drainage	Curb to catch basin
Signage	-
Sign Retroreflectivity	-
Lighting	None
Barriers/Guardrail	None
Utilities / Poles	None
Parking	-
Turning Radii	-
Landscaping	Grassed
Crosswalks	None
Centerline Striping	None
Edge Striping	Red curb on south side
Other Striping	Stop line and STOP lettering
Pavement Markers / Delineators	None
Surrounding Land Uses	Residential
Pedestrian / Bicyclists	Yes
Obstructions/Vegetation	
Roadside Damage	
Nighttime Issues	No lights

Road Safety Checklist

Photographs:

231-238

Accident History:

Notes:

Road Safety Checklist

Owner:	Trinidad Rancheria		
Roadway Name:	Ter-Ker-Coo Lane		
By:	KDU		
Date/Time:	11/7/2012	2:30 PM	
Weather:	Partly Cloudy		
City/State	Trinidad, CA		
Location:	From:	Cher-Ae Lane	To: End
Length:	0.1 miles		
Number of Lanes	1		
Lane Width	12'		
Crown/Superelevation	2% shed		
Longitudinal Slope	3%		
Pavement Material	AC		
Pavement Condition	Good - some cracking		
Shoulder Width	0		
Shoulder Material	-		
Side Slopes (cut/fill)	3:1 to 1:1		
Speed Limit	15		
Traffic Mix	Passenger Cars		
Traffic Volume	Low		
Sidewalk	No		
ADA Ramps	No		
Roadway Geometry	Curved / Sloped-Flat		
Sight Distance Issues	Sharp curve / one lane		
Clear Zones			
Intersections			

Road Safety Checklist

Driveways/Accesses	-
Drainage	Ditch on one side
Signage	-
Sign Retroreflectivity	-
Lighting	None
Barriers/Guardrail	None
Utilities / Poles	Pole at fire hydrant at entrance near pavement
Parking	N/A
Turning Radii	-
Landscaping	None
Crosswalks	None
Centerline Striping	None
Edge Striping	None
Other Striping	None
Pavement Markers / Delineators	None
Surrounding Land Uses	Residential - Adjacent to commercial
Pedestrian / Bicyclists	Limited
Obstructions/Vegetation	Vegetation obstruction
Roadside Damage	
Nighttime Issues	

Road Safety Checklist

Photographs:

226-230

Accident History:

Notes:

Road Safety Checklist

Owner:	Trinidad Rancheria		
Roadway Name:	Pa-Pah and Teh-Pah (west)		
By:	KDU		
Date/Time:	11/7/2012	3:15 PM	
Weather:	Partly Cloudy		
City/State	Trinidad, CA		
Location:	From:	Cher-Ae Lane	To: End
Length:	0.1 miles		
Number of Lanes	2		
Lane Width	12'/13'		
Crown/Superelevation	4% shed		
Longitudinal Slope	2%		
Pavement Material	AC		
Pavement Condition	Fair - raveled		
Shoulder Width	-		
Shoulder Material	AC		
Side Slopes (cut/fill)	3:1 to flat		
Speed Limit	20		
Traffic Mix	Passenger Cars		
Traffic Volume	Low		
Sidewalk	No		
ADA Ramps	No		
Roadway Geometry	Straight with one 90 degree turn		
Sight Distance Issues	Vegetation at corner		
Clear Zones			
Intersections			

Road Safety Checklist

Driveways/Accesses	-
Drainage	Curb on one side
Signage	-
Sign Retroreflectivity	-
Lighting	None
Barriers/Guardrail	None
Utilities / Poles	Off road with reflective stripes
Parking	-
Turning Radii	-
Landscaping	None
Crosswalks	None
Centerline Striping	Broken yellow - worn off
Edge Striping	None
Other Striping	Speed bump with sign
Pavement Markers / Delineators	None
Surrounding Land Uses	Residential
Pedestrian / Bicyclists	Limited
Obstructions/Vegetation	Vegetation obstructions
Roadside Damage	
Nighttime Issues	

Road Safety Checklist

Photographs:

239-245

Accident History:

Notes:

Road Safety Checklist

Owner:	Trinidad Rancheria		
Roadway Name:	Ma-We-Mor View Lane		
By:	KDU		
Date/Time:	11/7/2012	3:30 PM	
Weather:	Partly Cloudy		
City/State	Trinidad, CA		
Location:	From:	Cher-Ae Lane	To: End
Length:	0.1 miles		
Number of Lanes	2		
Lane Width	12'		
Crown/Superelevation	Flat to 2.5% shed near offices		
Longitudinal Slope	2-4%		
Pavement Material	AC		
Pavement Condition	Good		
Shoulder Width	+/- 3' - Not striped (+/- 30' paved width)		
Shoulder Material	AC		
Side Slopes (cut/fill)	Flat (parking lot)		
Speed Limit	20		
Traffic Mix	Passenger Cars		
Traffic Volume	Low		
Sidewalk	No		
ADA Ramps	No		
Roadway Geometry	Straight with one 90 degree turn		
Sight Distance Issues			
Clear Zones			
Intersections			

Road Safety Checklist

Driveways/Accesses	Parking lot accesses
Drainage	-
Signage	-
Sign Retroreflectivity	-
Lighting	Parking lot lights
Barriers/Guardrail	None
Utilities / Poles	Out of roadway
Parking	-
Turning Radii	-
Landscaping	Grassed
Crosswalks	None
Centerline Striping	Broken yellow
Edge Striping	None
Other Striping	Parking lot striping
Pavement Markers / Delineators	None
Surrounding Land Uses	Commercial / Parking
Pedestrian / Bicyclists	Limited
Obstructions/Vegetation	-
Roadside Damage	
Nighttime Issues	

Road Safety Checklist

Photographs:

246-259

Accident History:

Notes:

Road Safety Checklist

Owner:	Trinidad Rancheria		
Roadway Name:	Archer Road		
By:	KDU		
Date/Time:	11/7/2012	4:10 PM	
Weather:	Sunny		
City/State	McKinleyville, CA		
Location:	From:	Twe-Goh Ct.	To: End
Length:	0.2 miles		
Number of Lanes	1		
Lane Width	11'		
Crown/Superelevation	1% Crown		
Longitudinal Slope	Up to 16%		
Pavement Material	AC		
Pavement Condition	Good but with some alligatored areas		
Shoulder Width	4'		
Shoulder Material	Soil		
Side Slopes (cut/fill)	1:1 or steeper		
Speed Limit	15		
Traffic Mix	Passenger Cars		
Traffic Volume	Low		
Sidewalk	No		
ADA Ramps	No		
Roadway Geometry	Steep / Curves		
Sight Distance Issues	Yes, cut bank and vegetation		
Clear Zones			
Intersections			

Road Safety Checklist

Driveways/Accesses	Ok
Drainage	Shallow ditches
Signage	
Sign Retroreflectivity	
Lighting	None
Barriers/Guardrail	None
Utilities / Poles	Off road
Parking	None
Turning Radii	-
Landscaping	-
Crosswalks	No
Centerline Striping	No
Edge Striping	No
Other Striping	-
Pavement Markers / Delineators	No
Surrounding Land Uses	Residential
Pedestrian / Bicyclists	Limited
Obstructions/Vegetation	Vegetation / Cut banks
Roadside Damage	
Nighttime Issues	

Road Safety Checklist

Photographs:

278-293

Accident History:

Notes:

Several speed bumps

Road Safety Checklist

Owner:	Trinidad Rancheria		
Roadway Name:	Archer Road		
By:	KDU		
Date/Time:	11/7/2012	4:10 PM	
Weather:	Sunny		
City/State	McKinleyville, CA		
Location:	From:	Dows Prairie Road	To: Twe-Goh Court
Length:	0.3 Miles		
Number of Lanes	1		
Lane Width	16'		
Crown/Superelevation			
Longitudinal Slope			
Pavement Material	AC		
Pavement Condition	Good but with some cracks		
Shoulder Width	4'		
Shoulder Material	Soil		
Side Slopes (cut/fill)			
Speed Limit	15		
Traffic Mix	Passenger Cars		
Traffic Volume	Low		
Sidewalk	No		
ADA Ramps	No		
Roadway Geometry	Straight		
Sight Distance Issues			
Clear Zones			
Intersections			

Road Safety Checklist

Driveways/Accesses	Ok
Drainage	Shallow ditches
Signage	
Sign Retroreflectivity	
Lighting	None
Barriers/Guardrail	None
Utilities / Poles	Off road
Parking	None
Turning Radii	-
Landscaping	-
Crosswalks	No
Centerline Striping	No
Edge Striping	No
Other Striping	-
Pavement Markers / Delineators	No
Surrounding Land Uses	Residential
Pedestrian / Bicyclists	Limited
Obstructions/Vegetation	
Roadside Damage	
Nighttime Issues	

Road Safety Checklist

Photographs:

260-277

Accident History:

Notes:

Public Survey Data Questionnaire
Tribal Safety Plan
Cher-Ae Heights Indian Community
of the Trinidad Rancheria

INTRODUCTION

Effective safety planning begins with PUBLIC INPUT! This is your chance to be heard and provide immediate feedback regarding the safety concerns in your community. Your time and effort to complete and return this survey is greatly appreciated and will only benefit the Tribe's opportunity to secure future funding. Your safety is very important to us.

The following survey has been generated to evaluate the safety concerns within your community. The Tribal Transportation Department is working under grant funding to evaluate the concerns and potential safety issues throughout the Rancheria.

YOUR INPUT IS CRITICAL TO THE SUCCESS OF THIS PROJECT AND FUTURE FUNDING OPPORTUNITIES. THOSE CHOOSING TO PARTICIPATE BY RETURNING THE COMPLETED SURVEY NO LATER THAN MAY 9, 2014 SHALL BE ENTERED IN THE TRINIDAD SAFETY GIVE-AWAY DRAWING FOR A \$100.00 PRE-PAID GIFT CARD.

INSTRUCTIONS

Please complete the attached survey and either mail it back to our office in the provided prepaid postage envelope or bring it to the tribal office. The information you provide will remain completely anonymous and the information contained on your survey will be used for this project and this project only. (Please remember to put your name on the survey to be entered in the drawing).The detailed information you provide will be used to assist you and your family in unmet safety needs.

If you should have any questions while filling out your survey please do not hesitate to contact Leslie Sanders, Transportation Manager, (707) 677-0211 ext: 2738.

THE SUREYS MUST BE COMPLETED AND RETURNED TO OUR OFFICE NO LATER THAN MAY 9, 2014.

12. How do you or members of your household travel now? (Check all that apply)

- Drive or ride in household member's vehicle
- Drive or ride in someone else's vehicle (other than a household member's)
- Walk, bike, etc.
- Church or social service agency vehicle
- Other: _____

13. Do you or other members of your household have school age children? (please circle yes or no)

Yes No

13a. If yes, please check all that apply:

- Ages 3-5
- Ages 5-6
- Ages 6-11
- Ages 11-13
- Ages 14-18
- Ages 18-22

13b. Is school bus service available within your immediate area? (please circle yes or no)

Yes No

13c. If yes please list times of service and name of provider

Name of Provider/ Time: _____

Name of Provider/ Time:: _____

14. Are there adequate law enforcement and emergency services in your community? (please circle yes or no)

Yes No

15. Have there been delays in receiving emergency services? (Please provide details)

16. Additional Comments. Please use the space below to provide additional input regarding a Tribal Safety Program that would provide unmet safety concerns/needs within your community.

Thank you very much. Your participation is both appreciated and beneficial to your community.

Tribal Member Name: _____
(Required for Drawing Participation)

Public Opinion/Un-Met Safety Needs

1. Do you live on Tribal property? (please circle yes or no)

Yes No But purchased w/ Tribal Down Payment \$150K
If yes, please check one

- Trinidad, Main Parcel Trinidad, Westhaven
 McKinleyville

2. How many people live in your household? (please circle one)

1 2 3 4+

3. How many Tribal members live in your household? (please circle one)

1 2 3 4+

4. In which age ranges do they belong? (please specify the number of household members in each range)

4 Under 20 ___ 20-29 1 30-39 ___ 40-49
___ 50-59 ___ 60-69 ___ 70-79 ___ 80 and over

5. How would you rank the following safety concerns? (Please use numbers 1-5, with 1 being of highest concern)

4 Traffic Accidents

2 Pedestrian Walkways

3 Bike Paths

1 Emergency Services

5 Transit Services

6. Where are the unsafe roadways and intersection in your community?

Seenic Dr, Central Ave, Mill Ave

7. Are there specific locations where crashes have occurred?

8. Are there specific areas in your community that are unsafe for pedestrian/bike traffic?

~~None~~ MCK Ave, Central Ave, Sycamore Dr

9. Is there adequate public transportation in your community?

Could use more Route Times

10. Are there trips you or members of your household are unable to make because of a lack of transportation? (please circle yes or no)

Yes No

11. If yes, what kind of trips? (Check all that apply)

- Work
- School
- Medical appointments
- Kids activities
- Visiting friends or family
- Social service agency appointments
- Shopping
- Religious
- Other: _____

12. How do you or members of your household travel now? (Check all that apply)

Drive or ride in household member's vehicle

Drive or ride in someone else's vehicle (other than a household member's)

Walk, bike, etc.

Church or social service agency vehicle

Other: _____

13. Do you or other members of your household have school age children? (please circle yes or no)

Yes No

13a. If yes, please check all that apply:

Ages 3-5

Ages 5-6

Ages 6-11

Ages 11-13

Ages 14-18

Ages 18-22

13b. Is school bus service available within your immediate area? (please circle yes or no)

Yes No

13c. If yes please list times of service and name of provider

Name of Provider/ Time: _____

Name of Provider/ Time: _____

14. Are there adequate law enforcement and emergency services in your community? (please circle yes or no)

Yes No

15. Have there been delays in receiving emergency services? (Please provide details)

We have a lack of funding for law enforcement

16. Additional Comments. Please use the space below to provide additional input regarding a Tribal Safety Program that would provide unmet safety concerns/needs within your community.

Tribal Police #1 Tribal Fire Dept #2

OR Partner with Local Gov.

Thank you very much. Your participation is both appreciated and beneficial to your community.

Tribal Member Name: _____

(Required for Drawing Participation)

Public Opinion/Un-Met Safety Needs

1. Do you live on Tribal property? (please circle yes or no)

Yes No

If yes, please check one

- Trinidad, Main Parcel
- Trinidad, Westhaven
- McKinleyville

2. How many people live in your household? (please circle one)

1 2 3 4+

3. How many Tribal members live in your household? (please circle one)

1 2 3 4+

4. In which age ranges do they belong? (please specify the number of household members in each range)

X Under 20 ___ 20-29 X 30-39 ___ 40-49
 ___ 50-59 ___ 60-69 ___ 70-79 ___ 80 and over

5. How would you rank the following safety concerns? (Please use numbers 1-5, with 1 being of highest concern)

1 Traffic Accidents

4 Pedestrian Walkways

3 Bike Paths

1 Emergency Services

4 Transit Services

6. Where are the unsafe roadways and intersection in your community?

McKinleyville Ave. towards Mack High
(no walking area.)

12. How do you or members of your household travel now? (Check all that apply)

- Drive or ride in household member's vehicle
- Drive or ride in someone else's vehicle (other than a household member's)
- Walk, bike, etc.
- Church or social service agency vehicle
- Other: _____

13. Do you or other members of your household have school age children? (please circle yes or no)

Yes No

13a. If yes, please check all that apply:

- Ages 3-5
- Ages 5-6
- Ages 6-11
- Ages 11-13
- Ages 14-18
- Ages 18-22

13b. Is school bus service available within your immediate area? (please circle yes or no)

Yes No

13c. If yes please list times of service and name of provider

Name of Provider/ Time: Don's Name

Name of Provider/ Time: _____

14. Are there adequate law enforcement and emergency services in your community? (please circle yes or no)

Yes No

15. Have there been delays in receiving emergency services? (Please provide details)

16. Additional Comments. Please use the space below to provide additional input regarding a Tribal Safety Program that would provide unmet safety concerns/needs within your community.

Thank you very much. Your participation is both appreciated and beneficial to your community.

Tribal Member Name: _____

(Required for Drawing Participation)

Public Opinion/Un-Met Safety Needs

1. Do you live on Tribal property? (please circle yes or no)

Yes No

If yes, please check one

- Trinidad, Main Parcel
- Trinidad, Westhaven
- McKinleyville

2. How many people live in your household? (please circle one)

1 2 3 4+

3. How many Tribal members live in your household? (please circle one)

1 2 3 4+

4. In which age ranges do they belong? (please specify the number of household members in each range)

1 Under 20 20-29 3 30-39 40-49
1 50-59 1 60-69 70-79 80 and over

5. How would you rank the following safety concerns? (Please use numbers 1-5, with 1 being of highest concern)

- 2 Traffic Accidents
- 3 Pedestrian Walkways
- 1 Bike Paths
- 5 Emergency Services
- 4 Transit Services

6. Where are the unsafe roadways and intersection in your community?

all the way to Trinidad if you
ride a bike

7. Are there specific locations where crashes have occurred?

Straight stretch before Trinidad
by the little house on the road

8. Are there specific areas in your community that are unsafe for pedestrian/bike traffic?

All the way to Trinidad

9. Is there adequate public transportation in your community?

NO

10. Are there trips you or members of your household are unable to make because of a lack of transportation? (please circle yes or no)

Yes No

11. If yes, what kind of trips? (Check all that apply)

- Work
- School
- Medical appointments
- Kids activities
- Visiting friends or family
- Social service agency appointments
- Shopping
- Religious
- Other: _____

12. How do you or members of your household travel now? (Check all that apply)

- Drive or ride in household member's vehicle
- Drive or ride in someone else's vehicle (other than a household member's)
- Walk, bike, etc.
- Church or social service agency vehicle
- Other: _____

13. Do you or other members of your household have school age children? (please circle yes or no)

Yes No

13a. If yes, please check all that apply:

- Ages 3-5
- Ages 5-6
- Ages 6-11
- Ages 11-13
- Ages 14-18
- Ages 18-22

13b. Is school bus service available within your immediate area? (please circle yes or no)

Yes No

13c. If yes please list times of service and name of provider

Name of Provider/ Time: _____

Name of Provider/ Time: _____

14. Are there adequate law enforcement and emergency services in your community? (please circle yes or no)

Yes No

15. Have there been delays in receiving emergency services? (Please provide details)

16. Additional Comments. Please use the space below to provide additional input regarding a Tribal Safety Program that would provide unmet safety concerns/needs within your community.

Could use help with crazy people who use razors, baseball bats, knives when people walk up the road, sidewalk or trail Brier at Winnie's house is dangerous

Thank you very much. Your participation is both appreciated and beneficial to your community.

Tribal Member Name: _____

(Required for Drawing Participation)

Public Opinion/Un-Met Safety Needs

1. Do you live on Tribal property? (please circle yes or no)
 Yes No → HAVE loghouse on Property

If yes, please check one

- Trinidad, Main Parcel Trinidad, Westhaven
- McKinleyville

2. How many people live in your household? (please circle one)

1 2 3 4+

3. How many Tribal members live in your household? (please circle one)

1 2 3 4+

4. In which age ranges do they belong? (please specify the number of household members in each range)

___ Under 20 20-29 30-39 ___ 40-49
___ 50-59 ___ 60-69 ___ 70-79 ___ 80 and over

5. How would you rank the following safety concerns? (Please use numbers 1-5, with 1 being of highest concern)

- ___ Traffic Accidents
- ___ Pedestrian Walkways
- ___ Bike Paths
- ___ Emergency Services
- ___ Transit Services

6. Where are the unsafe roadways and intersection in your community?

12. How do you or members of your household travel now? (Check all that apply)

- Drive or ride in household member's vehicle
- Drive or ride in someone else's vehicle (other than a household member's)
- Walk, bike, etc.
- Church or social service agency vehicle
- Other: _____

13. Do you or other members of your household have school age children? (please circle yes or no)

Yes No

13a. If yes, please check all that apply:

- Ages 3-5
- Ages 5-6
- Ages 6-11
- Ages 11-13
- Ages 14-18
- Ages 18-22

13b. Is school bus service available within your immediate area? (please circle yes or no)

Yes No

13c. If yes please list times of service and name of provider

Name of Provider/ Time: _____

Name of Provider/ Time: _____

14. Are there adequate law enforcement and emergency services in your community? (please circle yes or no)

Yes No

15. Have there been delays in receiving emergency services? (Please provide details)

16. Additional Comments. Please use the space below to provide additional input regarding a Tribal Safety Program that would provide unmet safety concerns/needs within your community.

Thank you very much. Your participation is both appreciated and beneficial to your community.

Tribal Member Name:

(Required for Drawing Participation)

Public Opinion/Un-Met Safety Needs

1. Do you live on Tribal property? (please circle yes or no)

Yes No

If yes, please check one

- Trinidad, Main Parcel
- Trinidad, Westhaven
- McKinleyville

2. How many people live in your household? (please circle one)

1 2 3 4+

3. How many Tribal members live in your household? (please circle one)

1 2 3 4+

4. In which age ranges do they belong? (please specify the number of household members in each range)

Under 20 ___ 20-29 30-39 ___ 40-49

___ 50-59 ___ 60-69 ___ 70-79 ___ 80 and over

5. How would you rank the following safety concerns? (Please use numbers 1-5, with 1 being of highest concern)

5 | Traffic Accidents

5 | Pedestrian Walkways

5 | Bike Paths

5 | Emergency Services

5 | Transit Services

6. Where are the unsafe roadways and intersection in your community?

7. Are there specific locations where crashes have occurred?

8. Are there specific areas in your community that are unsafe for pedestrian/bike traffic?

9. Is there adequate public transportation in your community?

Yes.

10. Are there trips you or members of your household are unable to make because of a lack of transportation? (please circle yes or no)

Yes

No

11. If yes, what kind of trips? (Check all that apply)

Work

School

Medical appointments

Kids activities

Visiting friends or family

Social service agency appointments

Shopping

Religious

Other: _____

12. How do you or members of your household travel now? (Check all that apply)

Drive or ride in household member's vehicle

Drive or ride in someone else's vehicle (other than a household member's)

Walk, bike, etc.

Church or social service agency vehicle

Other: _____

13. Do you or other members of your household have school age children? (please circle yes or no)

Yes No

13a. If yes, please check all that apply:

Ages 3-5

Ages 5-6

Ages 6-11

Ages 11-13

Ages 14-18

Ages 18-22

13b. Is school bus service available within your immediate area? (please circle yes or no)

Yes No

13c. If yes please list times of service and name of provider

Name of Provider/ Time: _____

Name of Provider/ Time:: _____

14. Are there adequate law enforcement and emergency services in your community? (please circle yes or no)

Yes No

15. Have there been delays in receiving emergency services? (Please provide details)

16. Additional Comments. Please use the space below to provide additional input regarding a Tribal Safety Program that would provide unmet safety concerns/needs within your community.

Thank you very much. Your participation is both appreciated and beneficial to your community.

Tribal Member Name:

(Required for Drawing Participation)

Public Opinion/Un-Met Safety Needs

1. Do you live on Tribal property? (please circle yes or no)

Yes No

If yes, please check one

- Trinidad, Main Parcel
- Trinidad, Westhaven
- McKinleyville

2. How many people live in your household? (please circle one)

1 2 at times 3 4+

3. How many Tribal members live in your household? (please circle one)

1 2 3 4+

4. In which age ranges do they belong? (please specify the number of household members in each range)

___ Under 20 2 20-29 ___ 30-39 ___ 40-49

___ 50-59 2 60-69 ___ 70-79 ___ 80 and over

5. How would you rank the following safety concerns? (Please use numbers 1-5, with 1 being of highest concern)

5 Traffic Accidents

4 Pedestrian Walkways

2 Bike Paths

3 Emergency Services

4 Transit Services

(Having streets in Sustain that are on Ranchers...)

6. Where are the unsafe roadways and intersection in your community?

7. Are there specific locations where crashes have occurred?

0

8. Are there specific areas in your community that are unsafe for pedestrian/bike traffic?

Yes
No Bikes would be great to have Lane for Bikes,
up and down Archer -

9. Is there adequate public transportation in your community?

0

10. Are there trips you or members of your household are unable to make because of a lack of transportation? (please circle yes or no)

Yes

No

11. If yes, what kind of trips? (Check all that apply)

Work

School

Medical appointments

Kids activities

Visiting friends or family

Social service agency appointments

Shopping

Religious

Other: _____

12. How do you or members of your household travel now? (Check all that apply)

Drive or ride in household member's vehicle

Drive or ride in someone else's vehicle (other than a household member's)

Walk, bike, etc.

Church or social service agency vehicle

Other: _____

13. Do you or other members of your household have school age children? (please circle yes or no)

Yes

No

13a. If yes, please check all that apply:

Ages 3-5

Ages 5-6

Ages 6-11

Ages 11-13

Ages 14-18

Ages 18-22

13b. Is school bus service available within your immediate area? (please circle yes or no)

Yes

No

13c. If yes please list times of service and name of provider

Name of Provider/ Time: High School Bus - 7:40

Name of Provider/ Time: Mid-School Bus - 7:40

14. Are there adequate law enforcement and emergency services in your community? (please circle yes or no)

Yes

No

15. Have there been delays in receiving emergency services? (Please provide details)

Yes, 3 yrs. ago, Had to explain how to find home; Address not in Systems;

16. Additional Comments. Please use the space below to provide additional input regarding a Tribal Safety Program that would provide unmet safety concerns/needs within your community.

Glad this is being address, would as like this when my children was young — Thank you —

Thank you very much. Your participation is both appreciated and beneficial to your community.

Tribal Member Name: _____

(Required for Drawing Participation)

7

Public Opinion/Un-Met Safety Needs

1. Do you live on Tribal property? (please circle yes or no)

Yes No

If yes, please check one

Trinidad, Main Parcel

Trinidad, Westhaven

McKinleyville

2. How many people live in your household? (please circle one)

1 (2) 3 4+

3. How many Tribal members live in your household? (please circle one)

1 (2) 3 4+

4. In which age ranges do they belong? (please specify the number of household members in each range)

___ Under 20 ___ 20-29 ___ 30-39 ___ 40-49

___ 50-59 ___ 60-69 ___ 70-79 80 and over

5. How would you rank the following safety concerns? (Please use numbers 1-5, with 1 being of highest concern)

___ Traffic Accidents

___ Pedestrian Walkways

___ Bike Paths

___ Emergency Services

___ Transit Services

6. Where are the unsafe roadways and intersection in your community?

Speed on scenic Dr.

7. Are there specific locations where crashes have occurred?

Scenic Dr & Chaska Lane -

8. Are there specific areas in your community that are unsafe for pedestrian/bike traffic?

9. Is there adequate public transportation in your community?

No

10. Are there trips you or members of your household are unable to make because of a lack of transportation? (please circle yes or no)

Yes No

11. If yes, what kind of trips? (Check all that apply)

- Work
- School
- Medical appointments
- Kids activities
- Visiting friends or family
- Social service agency appointments
- Shopping
- Religious
- Other: _____

12. How do you or members of your household travel now? (Check all that apply)

- Drive or ride in household member's vehicle
- Drive or ride in someone else's vehicle (other than a household member's)
- Walk, bike, etc.
- Church or social service agency vehicle
- Other: _____

13. Do you or other members of your household have school age children? (please circle yes or no)

Yes No

13a. If yes, please check all that apply:

- Ages 3-5
- Ages 5-6
- Ages 6-11
- Ages 11-13
- Ages 14-18
- Ages 18-22

13b. Is school bus service available within your immediate area? (please circle yes or no)

Yes No

13c. If yes please list times of service and name of provider

Name of Provider/ Time: _____

Name of Provider/ Time:: _____

14. Are there adequate law enforcement and emergency services in your community? (please circle yes or no)

Yes No

15. Have there been delays in receiving emergency services? (Please provide details)

16. Additional Comments. Please use the space below to provide additional input regarding a Tribal Safety Program that would provide unmet safety concerns/needs within your community.

Thank you very much. Your participation is both appreciated and beneficial to your community.

Tribal Member Name: _____
(Required for Drawing Participation)

8

Public Opinion/Un-Met Safety Needs

1. Do you live on Tribal property? (please circle yes or no)

Yes

No

If yes, please check one

Trinidad, Main Parcel

Trinidad, Westhaven

McKinleyville

2. How many people live in your household? (please circle one)

1

2

3

4+

3. How many Tribal members live in your household? (please circle one)

1

2

3

4+

4. In which age ranges do they belong? (please specify the number of household members in each range)

Under 20

20-29

30-39

40-49

50-59

60-69

70-79

80 and over

5. How would you rank the following safety concerns? (Please use numbers 1-5, with 1 being of highest concern)

5 Traffic Accidents

1 Pedestrian Walkways

4 Bike Paths

3 Emergency Services

2 Transit Services

6. Where are the unsafe roadways and intersection in your community?

Don't live on rez but the main concern for me regarding the main parcel is lack of safe walkway between Westhaven & the main parcel. Also lack of safe path either bike or walking from main parcel to town along scenic

7. Are there specific locations where crashes have occurred?

I only know about on Scenic. My concern w/ vehicle traffic is liquor sales & drunk driving from our business.

8. Are there specific areas in your community that are unsafe for pedestrian/bike traffic?

Scenic drive; Westhaven to main parcel

9. Is there adequate public transportation in your community?

Public transportation in Trinidad is a joke.

10. Are there trips you or members of your household are unable to make because of a lack of transportation? (please circle yes or no)

Yes

No

11. If yes, what kind of trips? (Check all that apply)

Work

School

Medical appointments

Kids activities

Visiting friends or family

Social service agency appointments

Shopping

Religious

Other: _____

12. How do you or members of your household travel now? (Check all that apply)

Drive or ride in household member's vehicle

Drive or ride in someone else's vehicle (other than a household member's)

Walk, bike, etc.

Church or social service agency vehicle

Other: _____

13. Do you or other members of your household have school age children? (please circle yes or no)

Yes

No

13a. If yes, please check all that apply:

Ages 3-5

Ages 5-6

Ages 6-11

Ages 11-13

Ages 14-18

Ages 18-22

13b. Is school bus service available within your immediate area? (please circle yes or no)

Yes

No

13c. If yes please list times of service and name of provider

Name of Provider/ Time: _____

Name of Provider/ Time: _____

14. Are there adequate law enforcement and emergency services in your community? (please circle yes or no)

Yes

No

15. Have there been delays in receiving emergency services? (Please provide details)

We all know sheriff doesn't come on rez
if they do it's several hours response time.

16. Additional Comments. Please use the space below to provide additional input regarding a Tribal Safety Program that would provide unmet safety concerns/needs within your community.

We need our own public transportation for
members and our own law enforcement / emergency
response team;

Thank you very much. Your participation is both appreciated and beneficial to your community.

Tribal Member Name: _____

(Required for Drawing Participation)

9

Public Opinion/Un-Met Safety Needs

1. Do you live on Tribal property? (please circle yes or no)

Yes No

If yes, please check one

Trinidad, Main Parcel

McKinleyville

Trinidad, Westhaven

2. How many people live in your household? (please circle one)

1 2 3 4+

3. How many Tribal members live in your household? (please circle one)

1 2 3 4+

4. In which age ranges do they belong? (please specify the number of household members in each range)

___ Under 20 1 20-29 ___ 30-39 ___ 40-49

1 50-59 ___ 60-69 ___ 70-79 ___ 80 and over

5. How would you rank the following safety concerns? (Please use numbers 1-5, with 1 being of highest concern)

4 Traffic Accidents

1 Pedestrian Walkways NO walkways

4 Bike Paths — Scary

3 Emergency Services NOT close takes time to get here

2 Transit Services — only limited access

6. Where are the unsafe roadways and intersection in your community?

Janice Dr. | Westhaven

7. Are there specific locations where crashes have occurred?
Yes. Numerous.

8. Are there specific areas in your community that are unsafe for pedestrian/bike traffic?
Scenic Dr. is unsafe.

9. Is there adequate public transportation in your community?

No not connecting Westham +
main property

10. Are there trips you or members of your household are unable to make because of a lack of transportation? (please circle yes or no)
 Yes No

11. If yes, what kind of trips? (Check all that apply)

- Work - I walk
- Medical appointments
- Visiting friends or family
- Shopping
- Other: _____
- School
- Kids activities
- Social service agency appointments
- Religious

12. How do you or members of your household travel now? (Check all that apply)

Drive or ride in household member's vehicle

Drive or ride in someone else's vehicle (other than a household member's)

Walk, bike, etc.

Church or social service agency vehicle

Other: Public

13. Do you or other members of your household have school age children? (please circle yes or no)

Yes

No

13a. If yes, please check all that apply:

Ages 3-5

Ages 5-6

Ages 6-11

Ages 11-13

Ages 14-18

Ages 18-22

13b. Is school bus service available within your immediate area? (please circle yes or no)

Yes

No

13c. If yes please list times of service and name of provider

Name of Provider/ Time: _____

Name of Provider/ Time: _____

Are there adequate law enforcement and emergency services in your community?
(please circle yes or no)

No

to long to get to call.

15. Have there been delays in receiving emergency services? (Please provide details)

Have called and waited 2 1/2 hours
for Sheriff Response.

16. Additional Comments. Please use the space below to provide additional input regarding a Tribal Safety Program that would provide unmet safety concerns/needs within your community.

Need walk way over freeway or
over pass Scenic Rd. is unsafe.
to walk or bike to Normal Rd.
long walk unable to do so
often cross 107 -

Thank you very much. Your participation is both appreciated and beneficial to your community.

Public Opinion/Un-Met Safety Needs

1. Do you live on Tribal property? (please circle yes or no)

Yes

No

If yes, please check one

Trinidad, Main Parcel

Trinidad, Westhaven

McKinleyville

2. How many people live in your household? (please circle one)

1

2

3

4+

3. How many Tribal members live in your household? (please circle one)

1

2

3

4+

4. In which age ranges do they belong? (please specify the number of household members in each range)

___ Under 20 ___ 20-29 ___ 30-39 ___ 40-49

___ 50-59 X 60-69 ___ 70-79 ___ 80 and over

5. How would you rank the following safety concerns? (Please use numbers 1-5, with 1 being of highest concern)

5 Traffic Accidents

5 Pedestrian Walkways

5 Bike Paths

5 Emergency Services

5 Transit Services

6. Where are the unsafe roadways and intersection in your community?

FROM TRINIDAD TO THE CASINO, PEOPLE WALKING AND
PEOPLE RIDING BIKES, NIGHT TIME IS VERY BAD

7. Are there specific locations where crashes have occurred?

ON THE BLIND TURNS ON OLD 101

8. Are there specific areas in your community that are unsafe for pedestrian/bike traffic?

OLD 101

9. Is there adequate public transportation in your community?

NO

10. Are there trips you or members of your household are unable to make because of a lack of transportation? (please circle yes or no)

Yes No

11. If yes, what kind of trips? (Check all that apply)

- Work
- School
- Medical appointments
- Kids activities
- Visiting friends or family
- Social service agency appointments
- Shopping
- Religious
- Other: _____

12. How do you or members of your household travel now? (Check all that apply)

Drive or ride in household member's vehicle

Drive or ride in someone else's vehicle (other than a household member's)

Walk, bike, etc.

Church or social service agency vehicle

Other: _____

13. Do you or other members of your household have school age children? (please circle yes or no)

Yes

No

13a. If yes, please check all that apply:

Ages 3-5

Ages 5-6

Ages 6-11

Ages 11-13

Ages 14-18

Ages 18-22

13b. Is school bus service available within your immediate area? (please circle yes or no)

Yes

No

N/A

13c. If yes please list times of service and name of provider

Name of Provider/ Time: _____

Name of Provider/ Time: _____

14. Are there adequate law enforcement and emergency services in your community? (please circle yes or no)

Yes

No

15. Have there been delays in receiving emergency services? (Please provide details)

LACK OF LAW ENFORCEMENT

16. Additional Comments. Please use the space below to provide additional input regarding a Tribal Safety Program that would provide unmet safety concerns/needs within your community.

NOBODY WILL CARE ~~IF~~ UNLESS THERE IS A DEATH ON 101

Thank you very much. Your participation is both appreciated and beneficial to your community.

Tribal Member Name: _____
(Required for Drawing Participation)

B

Public Opinion/Un-Met Safety Needs

1. Do you live on Tribal property? (please circle yes or no)

Yes

No

If yes, please check one

Trinidad, Main Parcel

Trinidad, Westhaven

McKinleyville

2. How many people live in your household? (please circle one)

1

2

3

4+

3. How many Tribal members live in your household? (please circle one)

1

2

3

4+

4. In which age ranges do they belong? (please specify the number of household members in each range)

___ *Under 20* ___ *20-29* ___ *30-39* ___ *40-49*

___ *50-59* ___ *60-69* ___ *70-79* *80 and over*

5. How would you rank the following safety concerns? (Please use numbers 1-5, with 1 being of highest concern)

___ *Traffic Accidents*

Pedestrian Walkways

___ *Bike Paths*

___ *Emergency Services*

___ *Transit Services*

6. Where are the unsafe roadways and intersection in your community?

DRIVING TO EAST SCENIC DR

7. Are there specific locations where crashes have occurred?

8. Are there specific areas in your community that are unsafe for pedestrian/bike traffic?

9. Is there adequate public transportation in your community?

10. Are there trips you or members of your household are unable to make because of a lack of transportation? (please circle yes or no)

Yes

No

11. If yes, what kind of trips? (Check all that apply)

Work

School

Medical appointments

Kids activities

Visiting friends or family

Social service agency appointments

Shopping

Religious

Other: _____

12. How do you or members of your household travel now? (Check all that apply)

Drive or ride in household member's vehicle

Drive or ride in someone else's vehicle (other than a household member's)

Walk, bike, etc.

Church or social service agency vehicle

Other: _____

13. Do you or other members of your household have school age children? (please circle yes or no)

Yes

No

13a. If yes, please check all that apply:

Ages 3-5

Ages 5-6

Ages 6-11

Ages 11-13

Ages 14-18

Ages 18-22

13b. Is school bus service available within your immediate area? (please circle yes or no)

Yes

No

13c. If yes please list times of service and name of provider

Name of Provider/ Time: _____

Name of Provider/ Time: _____

14. Are there adequate law enforcement and emergency services in your community? (please circle yes or no)

Yes

No

15. Have there been delays in receiving emergency services? (Please provide details)

NO

16. Additional Comments. Please use the space below to provide additional input regarding a Tribal Safety Program that would provide unmet safety concerns/needs within your community.

Thank you very much. Your participation is both appreciated and beneficial to your community.

Tribal Member Name: _____
(Required for Drawing Participation)

13

Public Opinion/Un-Met Safety Needs

1. Do you live on Tribal property? (please circle yes or no)

Yes

No

If yes, please check one

Trinidad, Main Parcel

Trinidad, Westhaven

McKinleyville

2. How many people live in your household? (please circle one)

1

2

3

4+

3. How many Tribal members live in your household? (please circle one)

1

2

3

4+

4. In which age ranges do they belong? (please specify the number of household members in each range)

___ *Under 20* ___ *20-29* ___ *30-39* ___ *40-49*

___ *50-59* *60-69* ___ *70-79* ___ *80 and over*

5. How would you rank the following safety concerns? (Please use numbers 1-5, with 1 being of highest concern)

2 *Traffic Accidents*

3 *Pedestrian Walkways*

2 *Bike Paths*

1 *Emergency Services*

4 *Transit Services*

6. Where are the unsafe roadways and intersection in your community?

Yes

7. Are there specific locations where crashes have occurred?

All of Seaside Dr.

8. Are there specific areas in your community that are unsafe for pedestrian/bike traffic?

yes

9. Is there adequate public transportation in your community?

almost

10. Are there trips you or members of your household are unable to make because of a lack of transportation? (please circle yes or no)

Yes

No

11. If yes, what kind of trips? (Check all that apply)

Work

School

Medical appointments

Kids activities

Visiting friends or family

Social service agency appointments

Shopping

Religious

Other: _____

12. How do you or members of your household travel now? (Check all that apply)

Drive or ride in household member's vehicle

Drive or ride in someone else's vehicle (other than a household member's)

Walk, bike, etc.

Church or social service agency vehicle

Other: _____

13. Do you or other members of your household have school age children? (please circle yes or no)

Yes

No

13a. If yes, please check all that apply:

Ages 3-5

Ages 5-6

Ages 6-11

Ages 11-13

Ages 14-18

Ages 18-22

13b. Is school bus service available within your immediate area? (please circle yes or no)

Yes

No

13c. If yes please list times of service and name of provider

Name of Provider/ Time: _____

Name of Provider/ Time: _____

14. Are there adequate law enforcement and emergency services in your community? (please circle yes or no)

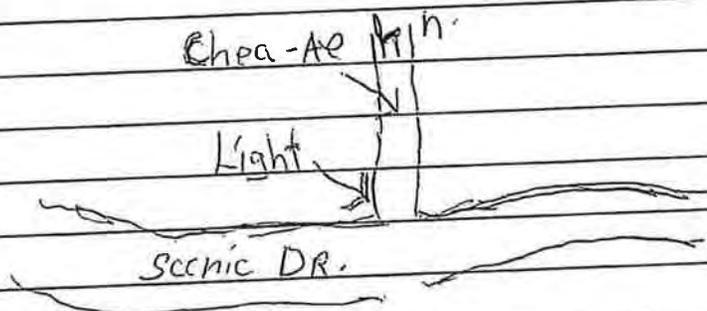
Yes

No

15. Have there been delays in receiving emergency services? (Please provide details)

16. Additional Comments. Please use the space below to provide additional input regarding a Tribal Safety Program that would provide unmet safety concerns/needs within your community.

I would like to see ^{street} Lights at the intersection
of Scenic DR. - Cher-Ae Ln.



Thank you very much. Your participation is both appreciated and beneficial to your community.

Tribal Member Name: _____
(Required for Drawing Participation)

14

Public Opinion/Un-Met Safety Needs

1. Do you live on Tribal property? (please circle yes or no)

Yes No

If yes, please check one

- Trinidad, Main Parcel* *Trinidad, Westhaven*
 McKinleyville

2. How many people live in your household? (please circle one)

1 2 3 4+

3. How many Tribal members live in your household? (please circle one)

1 2 3 4+

4. In which age ranges do they belong? (please specify the number of household members in each range)

___ *Under 20* *20-29* ___ *30-39* ___ *40-49*
___ *50-59* ___ *60-69* ___ *70-79* ___ *80 and over*

5. How would you rank the following safety concerns? (Please use numbers 1-5, with 1 being of highest concern)

2 *Traffic Accidents*

1 *Pedestrian Walkways*

3 *Bike Paths*

4 *Emergency Services*

5 *Transit Services*

6. Where are the unsafe roadways and intersection in your community?

The south side of Scenic (pass the casino, coming
from Trinidad). But Scenic Drive in general
is unsafe. ~~B~~.

7. Are there specific locations where crashes have occurred?

I have seen plenty of accident on Scenic drive, a lot of cars going into ditches and hitting power lines.

8. Are there specific areas in your community that are unsafe for pedestrian/bike traffic?

Scenic drive is a horrible place for pedestrian and bikers. There are a lot of blind corners and no bike paths or sidewalks. Even in some areas there are no room for two cars to pass let alone persons on foot.

9. Is there adequate public transportation in your community?

The public bus is very limited, only one stop in Trinidad, but the times of pick up and drop off are also limited.

10. Are there trips you or members of your household are unable to make because of a lack of transportation? (please circle yes or no)

Yes

No

11. If yes, what kind of trips? (Check all that apply)

- | | |
|---|---|
| <input type="checkbox"/> Work | <input type="checkbox"/> School |
| <input type="checkbox"/> Medical appointments | <input type="checkbox"/> Kids activities |
| <input type="checkbox"/> Visiting friends or family | <input type="checkbox"/> Social service agency appointments |
| <input type="checkbox"/> Shopping | <input type="checkbox"/> Religious |
| <input type="checkbox"/> Other: _____ | |

12. How do you or members of your household travel now? (Check all that apply)

Drive or ride in household member's vehicle

Drive or ride in someone else's vehicle (other than a household member's)

Walk, bike, etc.

Church or social service agency vehicle

Other: _____

13. Do you or other members of your household have school age children? (please circle yes or no)

Yes

No

13a. If yes, please check all that apply:

Ages 3-5

Ages 5-6

Ages 6-11

Ages 11-13

Ages 14-18

Ages 18-22

13b. Is school bus service available within your immediate area? (please circle yes or no)

Yes

No

13c. If yes please list times of service and name of provider

Name of Provider/ Time: _____

Name of Provider/ Time: _____

14. Are there adequate law enforcement and emergency services in your community? (please circle yes or no)

Yes

No

15. Have there been delays in receiving emergency services? (Please provide details)

Yes, they don't know the addresses, and go to the wrong houses. The response time would be adequate if they knew where they were going.

16. Additional Comments. Please use the space below to provide additional input regarding a Tribal Safety Program that would provide unmet safety concerns/needs within your community.

Traffic safety could be vastly improved when it comes to fast traffic along the road. As far as general Tribal Safety there is an issue with theft and drug related issues that could be regulated by local police or thru the development of Tribal police.

Thank you very much. Your participation is both appreciated and beneficial to your community.

Tribal Member Name: _____
(Required for Drawing Participation)

15

Public Opinion/Un-Met Safety Needs

1. Do you live on Tribal property? (please circle yes or no)

Yes No

If yes, please check one

Trinidad, Main Parcel Trinidad, Westhaven

McKinleyville

2. How many people live in your household? (please circle one)

1 2 3 4+

3. How many Tribal members live in your household? (please circle one)

1 2 3 4+

4. In which age ranges do they belong? (please specify the number of household members in each range)

Under 20 20-29 30-39 40-49

50-59 60-69 70-79 80 and over

5. How would you rank the following safety concerns? (Please use numbers 1-5, with 1 being of highest concern)

1 Traffic Accidents

3 Pedestrian Walkways

4 Bike Paths

2 Emergency Services

5 Transit Services

6. Where are the unsafe roadways and intersection in your community?

Scenic Drive
On the All Sharp turns, Bicycles & Pedestrians
Cause Traffic to go out of Assigned Lanes on
Blind Curves where oncoming traffic is met.
Scenic Drive +5 should not Allow Bicycle traffic.

7. Are there specific locations where crashes have occurred?

Most Accidents occur on Scenic Drive North of Langford Road, after the left hand turn, vehicles try to make the turn too fast and end up in the ditch on the right & hit a rock that sticks out. This rock has been hit several times

8. Are there specific areas in your community that are unsafe for pedestrian/bike traffic?

Almost all of Scenic Drive is unsafe for both bike & pedestrians

9. Is there adequate public transportation in your community?

I'm able to drive and have no knowledge of public transportation. The only transportation known to me is Humboldt Transit that stops in Trinidad.

10. Are there trips you or members of your household are unable to make because of a lack of transportation? (please circle yes or no)

Yes No

11. If yes, what kind of trips? (Check all that apply)

Work

School

Medical appointments

Kids activities

Visiting friends or family

Social service agency appointments

Shopping

Religious

Other: _____

12. How do you or members of your household travel now? (Check all that apply)

Drive or ride in household member's vehicle

Drive or ride in someone else's vehicle (other than a household member's)

Walk, bike, etc.

Church or social service agency vehicle

Other: _____

13. Do you or other members of your household have school age children? (please circle yes or no)

Yes

No

13a. If yes, please check all that apply:

Ages 3-5

Ages 5-6

Ages 6-11

Ages 11-13

Ages 14-18

Ages 18-22

13b. Is school bus service available within your immediate area? (please circle yes or no)

Yes

No

Don't Know

13c. If yes please list times of service and name of provider

Name of Provider/ Time: _____

Name of Provider/ Time:: _____

14. Are there adequate law enforcement and emergency services in your community? (please circle yes or no)

Yes

No

15. Have there been delays in receiving emergency services? (Please provide details)

First Responders Have Responded to My Residence
Very Quickly. First Responders were, Cal Fire, Westhaven
~~VFD~~ VFD & Trinidad VFD

16. Additional Comments. Please use the space below to provide additional input regarding a Tribal Safety Program that would provide unmet safety concerns/needs within your community.

There is A lot of Drug use on our Reservation.
There are Drug Houses where Traffic too and out
of these Houses 24/7. There has been a lot of
theft within the Reservation and Surrounding Area
and trade stolen Property for Drugs.
There has been Gun shots in Area the Reservation
All of these violate our Safe Neighborhood Policy

Thank you very much. Your participation is both appreciated and beneficial to your community.

Tribal Member Name: _____
(Required for Drawing Participation)

Public Opinion/Un-Met Safety Needs

1. Do you live on Tribal property? (please circle yes or no)

Yes No

If yes, please check one

- Trinidad, Main Parcel Trinidad, Westhaven
- McKinleyville

2. How many people live in your household? (please circle one)

1 2 3 4+

3. How many Tribal members live in your household? (please circle one)

1 2 3 4+

4. In which age ranges do they belong? (please specify the number of household members in each range)

Under 20 20-29 30-39 40-49
 50-59 60-69 70-79 80 and over

5. How would you rank the following safety concerns? (Please use numbers 1-5, with 1 being of highest concern)

4 Traffic Accidents ? *What specific concern? Too many? Too few? Fix Road or speed limit to stop accidents?*
1 Pedestrian Walkways
5 Bike Paths
2 Emergency Services
3 Transit Services

6. Where are the unsafe roadways and intersection in your community?

- Cher-Ae Lane & Scenic DR.
- Cher-Ae Lane & Pa-Pah Lane - There used to be a yield sign, which was removed for some reason(?)

7. Are there specific locations where crashes have occurred?

Several a year along scenic DR. But I don't know the specific locations.

8. Are there specific areas in your community that are unsafe for pedestrian/bike traffic?

Scenic DR.

9. Is there adequate public transportation in your community?

NO - The Regional Transit is a mile away on unsafe walking for scenic DR.

10. Are there trips you or members of your household are unable to make because of a lack of transportation? (please circle yes or no)

Yes

No

(Only lack of Gas \$)

11. If yes, what kind of trips? (Check all that apply)

Work

School

Medical appointments

Kids activities

Visiting friends or family

Social service agency appointments

Shopping

Religious

Other: _____

12. How do you or members of your household travel now? (Check all that apply)

Drive or ride in household member's vehicle

Drive or ride in someone else's vehicle (other than a household member's)

Walk, bike, etc.

Church or social service agency vehicle

Other: _____

13. Do you or other members of your household have school age children? (please circle yes or no)

Yes

No

13a. If yes, please check all that apply:

Ages 3-5

Ages 5-6

Ages 6-11

Ages 11-13

Ages 14-18

Ages 18-22

13b. Is school bus service available within your immediate area? (please circle yes or no)

Yes

No But only in p.m. Not in A.M.

13c. If yes please list times of service and name of provider

Name of Provider/ Time: Trinidad School 3:35

Name of Provider/ Time: _____

14. Yes to Adequate Coverage - But NO sometimes to Response Time.
Are there adequate law enforcement and emergency services in your community?
(please circle yes or no)

Yes

No

Yes or NO Answer is too Absolute for question like this. "Adequate" means different things to different people, and there is existing coverage, but time could be an issue if they are on another call.

15. Have there been delays in receiving emergency services? (Please provide details)

Sometimes, when there are multiple calls at the same time. Also when the addresses are not listed in the system; or we don't have ~~the~~ correct road names or house #'s (as a Tribal government action) in our own system. We have errors with road names that went uncorrected, and now is contributing to the problem of confusion. I pointed it out at the time, but

16. Additional Comments. Please use the space below to provide additional input regarding a Tribal Safety Program that would provide unmet safety concerns/needs within your community.

it was ignored, and nothing was done, now it's part of the problem.

- Archer Road - Speeding, too narrow.
- Brush/Vegetation, overgrowing onto roadway from "private" tribal member yards narrows the driving area on road, causing safety issues on Pah-Pah lane.

Thank you very much. Your participation is both appreciated and beneficial to your community.

Tribal Member Name: _____
(Required for E, S, Participation)

17

Public Opinion/Un-Met Safety Needs

1. Do you live on Tribal property? (please circle yes or no)

Yes No

If yes, please check one

Trinidad, Main Parcel Trinidad, Westhaven
 McKinleyville

2. How many people live in your household? (please circle one)

1 2 3 4+

3. How many Tribal members live in your household? (please circle one)

1 2 3 4+
TRIN. PARCEL *YUROK*

4. In which age ranges do they belong? (please specify the number of household members in each range)

3 Under 20 ___ 20-29 ___ 30-39 2 40-49
___ 50-59 ___ 60-69 ___ 70-79 ___ 80 and over

5. How would you rank the following safety concerns? (Please use numbers 1-5, with 1 being of highest concern)

2 Traffic Accidents

3 Pedestrian Walkways

5 Bike Paths

1 Emergency Services

4 Transit Services

even w/ own lane they will be out in road anyway

6. Where are the unsafe roadways and intersection in your community?

from Trinidad to Westhaven scenic

7. Are there specific locations where crashes have occurred?

8. Are there specific areas in your community that are unsafe for pedestrian/bike traffic?

same as #6

9. Is there adequate public transportation in your community?

not here on Raroheria

School doesn't have \$ to run bus to school

10. Are there trips you or members of your household are unable to make because of a lack of transportation? (please circle yes or no)

Yes

No

NOT NOW

11. If yes, what kind of trips? (Check all that apply)

Work

School

Medical appointments

Kids activities

Visiting friends or family

Social service agency appointments

Shopping

Religious

Other: _____

12. How do you or members of your household travel now? (Check all that apply)

- Drive or ride in household member's vehicle
- Drive or ride in someone else's vehicle (other than a household member's)
- Walk, bike, etc.
- Church or social service agency vehicle
- Other: _____

I am unable to drive due to medical so I have to rely on KIDS

13. Do you or other members of your household have school age children? (please circle yes or no)

Yes No

13a. If yes, please check all that apply:

- Ages 3-5
- Ages 5-6
- Ages 6-11
- Ages 11-13
- Ages 14-18
- Ages 18-22

13b. Is school bus service available within your immediate area? (please circle yes or no)

Yes No ONLY ONE WAY

13c. If yes please list times of service and name of provider

Name of Provider/ Time: _____

Name of Provider/ Time: _____

14. Are there adequate law enforcement and emergency services in your community? (please circle yes or no)

Yes No Both. They don't know the address correct

15. Have there been delays in receiving emergency services? (Please provide details)

Yes. We had both Law & emergency. We had Fire RESPONSE in MIDDLE night for Johnny Walker (who is very ill & an elder) they didn't know where he lived looking for him on this side. What if it was life or DEATH & couldn't make it to him in time

16. Additional Comments. Please use the space below to provide additional input regarding a Tribal Safety Program that would provide unmet safety concerns/needs within your community.

Needs to be correct address on housing, for medical & fire reasons. Even if we order something via the net that could be very expensive that require signature someone else could get it.

Even my PGE is still 83 PAPA H LANE. They told me they don't have 73 PAPA H Lane.

Thank you very much. Your participation is both appreciated and beneficial to your community.

Tribal Member Name: _____
(Required for Drawing Participation)

18

Public Opinion/Un-Met Safety Needs

1. Do you live on Tribal property? (please circle yes or no)

Yes No

If yes, please check one

Trinidad, Main Parcel

Trinidad, Westhaven

McKinleyville

2. How many people live in your household? (please circle one)

1

2

3

4+

3. How many Tribal members live in your household? (please circle one)

1

2

3

4+

4. In which age ranges do they belong? (please specify the number of household members in each range)

___ Under 20 ___ 20-29 ___ 30-39 ___ 40-49

1 50-59 1 60-69 ___ 70-79 ___ 80 and over

5. How would you rank the following safety concerns? (Please use numbers 1-5, with 1 being of highest concern)

5 Traffic Accidents

4 Pedestrian Walkways

3 Bike Paths

5 Emergency Services

5 Transit Services

6. Where are the unsafe roadways and intersection in your community?

Scenic Drive to from Casino
to Trinidad

7. Are there specific locations where crashes have occurred?

Straight stretch right before town.
going south its before Hanford

8. Are there specific areas in your community that are unsafe for pedestrian/bike traffic?

All of Scenic Drive

9. Is there adequate public transportation in your community?

No

10. Are there trips you or members of your household are unable to make because of a lack of transportation? (please circle yes or no)

Yes

No

11. If yes, what kind of trips? (Check all that apply)

Work

School

Medical appointments

Kids activities

Visiting friends or family

Social service agency appointments

Shopping

Religious

Other: _____

12. How do you or members of your household travel now? (Check all that apply)

Drive or ride in household member's vehicle

Drive or ride in someone else's vehicle (other than a household member's)

Walk, bike, etc.

Church or social service agency vehicle

Other: _____

13. Do you or other members of your household have school age children? (please circle yes or no)

Yes

No

13a. If yes, please check all that apply:

Ages 3-5

Ages 5-6

Ages 6-11

Ages 11-13

Ages 14-18

Ages 18-22

13b. Is school bus service available within your immediate area? (please circle yes or no)

Yes

No

13c. If yes please list times of service and name of provider

Name of Provider/ Time: _____

Name of Provider/ Time:: _____

14. Are there adequate law enforcement and emergency services in your community? (please circle yes or no)

Yes

No

15. Have there been delays in receiving emergency services? (Please provide details)

16. Additional Comments. Please use the space below to provide additional input regarding a Tribal Safety Program that would provide unmet safety concerns/needs within your community.

*Street light at intersection of Scenic Drive
and Cher - Al Lane*

Thank you very much. Your participation is both appreciated and beneficial to your community.

Tribal Member Name: _____
(Required for Drawing Participation)

Public Opinion/Un-Met Safety Needs

1. Do you live on Tribal property? (please circle yes or no)

Yes No

If yes, please check one

Trinidad, Main Parcel Trinidad, Westhaven

McKinleyville

2. How many people live in your household? (please circle one)

1 2 3 4+

3. How many Tribal members live in your household? (please circle one)

1 2 3 4+

4. In which age ranges do they belong? (please specify the number of household members in each range)

Under 20 20-29 30-39 40-49

50-59 60-69 70-79 80 and over

5. How would you rank the following safety concerns? (Please use numbers 1-5, with 1 being of highest concern)

2 Traffic Accidents

3 Pedestrian Walkways

4 Bike Paths

1 Emergency Services

5 Transit Services

6. Where are the unsafe roadways and intersection in your community?

At exit of casino parking lot where it meets Cher Ae Ln. Many casino patrons do not stop when exiting lot.
 All of Scenic Dr. is somewhat hazardous, the bumps in the newly paved area are particularly not good for SUV's or any top heavy vehicle.

7. Are there specific locations where crashes have occurred?

Narrow turns halfway between Trinidad
& Rancheria

8. Are there specific areas in your community that are unsafe for pedestrian/bike traffic?

All along scenic Dr. - Rancheria
property is safe enough for walking/
biking

9. Is there adequate public transportation in your community?

Yes

10. Are there trips you or members of your household are unable to make because of a lack of transportation? (please circle yes or no)

Yes

No

11. If yes, what kind of trips? (Check all that apply)

Work

School

Medical appointments

Kids activities

Visiting friends or family

Social service agency appointments

Shopping

Religious

Other: _____

12. How do you or members of your household travel now? (Check all that apply)

Drive or ride in household member's vehicle

Drive or ride in someone else's vehicle (other than a household member's)

Walk, bike, etc.

Church or social service agency vehicle

Other: _____

13. Do you or other members of your household have school age children? (please circle yes or no)

Yes

No

13a. If yes, please check all that apply:

Ages 3-5

Ages 5-6

Ages 6-11

Ages 11-13

Ages 14-18

Ages 18-22

13b. Is school bus service available within your immediate area? (please circle yes or no)

Yes

No

UNKNOWN

13c. If yes please list times of service and name of provider

Name of Provider/ Time: _____

Name of Provider/ Time: _____

14. Are there adequate law enforcement and emergency services in your community? (please circle yes or no)

Yes

No

15. Have there been delays in receiving emergency services? (Please provide details)

Yes, all emergency services have difficulty finding us in their systems. Even with house numbers the lack of coordination between the Rancheria & these services puts all of us in danger. We need to be registered in these systems.

16. Additional Comments. Please use the space below to provide additional input regarding a Tribal Safety Program that would provide unmet safety concerns/needs within your community.

Thank you very much. Your participation is both appreciated and beneficial to your community.

Tribal Member Name. _____
(Required for Drawing Participation)

20

Public Opinion/Un-Met Safety Needs

1. Do you live on Tribal property? (please circle yes or no)

Yes No

If yes, please check one

- Trinidad, Main Parcel* *Trinidad, Westhaven*
 McKinleyville

2. How many people live in your household? (please circle one)

1 2 3 4+

3. How many Tribal members live in your household? (please circle one)

1 2 3 4+

4. In which age ranges do they belong? (please specify the number of household members in each range)

Under 20 20-29 30-39 40-49
 50-59 60-69 70-79 80 and over

5. How would you rank the following safety concerns? (Please use numbers 1-5, with 1 being of highest concern)

2 *Traffic Accidents*

3 *Pedestrian Walkways*

4 *Bike Paths*

1 *Emergency Services*

5 *Transit Services*

6. Where are the unsafe roadways and intersection in your community?

Senic dr and Cher-ae stop sign people cut the corner to
enter Cher-ae lane. Creek turn (McConaha)
Sandy turn before Lansford, Straight of way after
Lansford Rd. Road unsafe from Cher-ae Ln south
all the way to 101.

7. Are there specific locations where crashes have occurred?

Senice and Cher-a - Cars turning to fast to go up the hill hit curb over turn, crash into cars that are cutting the corner at stop sign. Not stopping at stop sign. On S-tright past Lansford (North) to fast around turn to Skinny road cars hit the bank.

8. Are there specific areas in your community that are unsafe for pedestrian/bike traffic?

from Cher-Ae Lane all the way to Trinidad

9. Is there adequate public transportation in your community?

NO

10. Are there trips you or members of your household are unable to make because of a lack of transportation? (please circle yes or no)

Yes

No

11. If yes, what kind of trips? (Check all that apply)

Work

School

Medical appointments

Kids activities

Visiting friends or family

Social service agency appointments

Shopping

Religious

Other: _____

12. How do you or members of your household travel now? (Check all that apply)

Drive or ride in household member's vehicle

Drive or ride in someone else's vehicle (other than a household member's)

Walk, bike, etc.

Church or social service agency vehicle

Other: _____

13. Do you or other members of your household have school age children? (please circle yes or no)

Yes

No

13a. If yes, please check all that apply:

Ages 3-5

Ages 5-6

Ages 6-11

Ages 11-13

Ages 14-18

Ages 18-22

13b. Is school bus service available within your immediate area? (please circle yes or no)

Yes

No

13c. If yes please list times of service and name of provider

Name of Provider/ Time: Trinidad School 3.30 pm

Name of Provider/ Time: _____

14. Are there adequate law enforcement and emergency services in your community? (please circle yes or no)

Yes

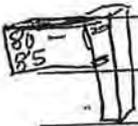
No

15. Have there been delays in receiving emergency services? (Please provide details)

yes People (2 men 1 woman) drinking leaving Casino cutting through property, fighting with each other. I called the police was told to call Casino Security.

16. Additional Comments. Please use the space below to provide additional input regarding a Tribal Safety Program that would provide unmet safety concerns/needs within your community.

Can we get our house numbers put on street sign or a wooden post with street numbers so emergency response will know what way to turn.



Fences along the high-way access would keep a lot of foot traffic down.

Thank you very much. Your participation is both appreciated and beneficial to your community.

Tribal Member Name: _____
(Required for Drawing Participation)

Public Opinion/Un-Met Safety Needs

1. Do you live on Tribal property? (please circle yes or no)

Yes

No

If yes, please check one

Trinidad, Main Parcel

Trinidad, Westhaven

McKinleyville

2. How many people live in your household? (please circle one)

1

2

3

4+

3. How many Tribal members live in your household? (please circle one)

1

2

3

4+

4. In which age ranges do they belong? (please specify the number of household members in each range)

1 Under 20

1 20-29

0 30-39

0 40-49

2 50-59

0 60-69

2 70-79

0 80 and over

5. How would you rank the following safety concerns? (Please use numbers 1-5, with 1 being of highest concern)

1 Traffic Accidents

1 Pedestrian Walkways

1 Bike Paths

3 Emergency Services

4 Transit Services

6. Where are the unsafe roadways and intersection in your community?

Scenic drive, there's no walkway. People leaving from Tribal office do not look both ways.

7. Are there specific locations where crashes have occurred?

Employee & customer parking lot of the casino

8. Are there specific areas in your community that are unsafe for pedestrian/bike traffic?

Scenic drive is dangerous to walk or ride a bike.

9. Is there adequate public transportation in your community?

No, we would have to walk to Trinidad to catch the bus

10. Are there trips you or members of your household are unable to make because of a lack of transportation? (please circle yes or no)

Yes

No

11. If yes, what kind of trips? (Check all that apply)

- | | |
|---|---|
| <input type="checkbox"/> Work | <input type="checkbox"/> School |
| <input type="checkbox"/> Medical appointments | <input type="checkbox"/> Kids activities |
| <input type="checkbox"/> Visiting friends or family | <input type="checkbox"/> Social service agency appointments |
| <input type="checkbox"/> Shopping | <input type="checkbox"/> Religious |
| <input type="checkbox"/> Other: _____ | |

12. How do you or members of your household travel now? (Check all that apply)

- Drive or ride in household member's vehicle
- Drive or ride in someone else's vehicle (other than a household member's)
- Walk, bike, etc.
- Church or social service agency vehicle
- Other: _____

13. Do you or other members of your household have school age children? (please circle yes or no)

Yes No

13a. If yes, please check all that apply:

- Ages 3-5
- Ages 5-6
- Ages 6-11
- Ages 11-13
- Ages 14-18
- Ages 18-22

13b. Is school bus service available within your immediate area? (please circle yes or no)

Yes No

13c. If yes please list times of service and name of provider

Name of Provider/ Time: Trinidad School

Name of Provider/ Time: _____

14. Are there adequate law enforcement and emergency services in your community? (please circle yes or no)

Yes No

15. Have there been delays in receiving emergency services? (Please provide details)

no

16. Additional Comments. Please use the space below to provide additional input regarding a Tribal Safety Program that would provide unmet safety concerns/needs within your community.

Needs to help Senior citizens more than you do,
for instance, handicap bars in bathrooms, doorways
ramps, meals ect.

Thank you very much. Your participation is both appreciated and beneficial to your community.

Tribal Member Name: _____
(Required for Drawing Participation)

22

Public Opinion/Un-Met Safety Needs

1. Do you live on Tribal property? (please circle yes or no)

Yes No

If yes, please check one

Trinidad, Main Parcel Trinidad, Westhaven

McKinleyville

2. How many people live in your household? (please circle one)

1 2 3 4+

3. How many Tribal members live in your household? (please circle one)

1 2 3 4+

4. In which age ranges do they belong? (please specify the number of household members in each range)

3 Under 20 ___ 20-29 ___ 30-39 2 40-49
___ 50-59 ___ 60-69 ___ 70-79 ___ 80 and over

5. How would you rank the following safety concerns? (Please use numbers 1-5, with 1 being of highest concern)

2 Traffic Accidents

3 Pedestrian Walkways

4 Bike Paths

1 Emergency Services

5 Transit Services

6. Where are the unsafe roadways and intersection in your community?

ARCHER RD

7. Are there specific locations where crashes have occurred?

8. Are there specific areas in your community that are unsafe for pedestrian/bike traffic?

ARCADE RD NOT WIDE ENOUGH

9. Is there adequate public transportation in your community?

YES

10. Are there trips you or members of your household are unable to make because of a lack of transportation? (please circle yes or no)

Yes

No

11. If yes, what kind of trips? (Check all that apply)

Work

School

Medical appointments

Kids activities

Visiting friends or family

Social service agency appointments

Shopping

Religious

Other: _____

12. How do you or members of your household travel now? (Check all that apply)

- Drive or ride in household member's vehicle
- Drive or ride in someone else's vehicle (other than a household member's)
- Walk, bike, etc.
- Church or social service agency vehicle
- Other: _____

13. Do you or other members of your household have school age children? (please circle yes or no)

Yes No

13a. If yes, please check all that apply:

- Ages 3-5
- Ages 5-6
- Ages 6-11
- Ages 11-13
- Ages 14-18
- Ages 18-22

13b. Is school bus service available within your immediate area? (please circle yes or no)

Yes

No

13c. If yes please list times of service and name of provider

Name of Provider/ Time: _____

Name of Provider/ Time: _____

14. Are there adequate law enforcement and emergency services in your community? (please circle yes or no)

Yes

No

15. Have there been delays in receiving emergency services? (Please provide details)

ND

16. Additional Comments. Please use the space below to provide additional input regarding a Tribal Safety Program that would provide unmet safety concerns/needs within your community.

ND

Thank you very much. Your participation is both appreciated and beneficial to your community.

Tribal Member Name: _____
(Required for Drawing Participation)

Public Opinion/Un-Met Safety Needs

1. Do you live on Tribal property? (please circle yes or no)

Yes No

If yes, please check one

Trinidad, Main Parcel Trinidad, Westhaven

McKinleyville

2. How many people live in your household? (please circle one)

1 2 3 4+

3. How many Tribal members live in your household? (please circle one)

1 2 3 4+

4. In which age ranges do they belong? (please specify the number of household members in each range)

1 Under 20 1 20-29 30-39 40-49

1 50-59 60-69 70-79 80 and over

5. How would you rank the following safety concerns? (Please use numbers 1-5, with 1 being of highest concern)

3 Traffic Accidents

2 Pedestrian Walkways

4 Bike Paths

1 Emergency Services

5 Transit Services

6. Where are the unsafe roadways and intersection in your community?

All Along Scenic drive and Westhaven both streets
Narrow 2 lane with NO side walks or bike paths

7. Are there specific locations where crashes have occurred?

Numerous on scenic Dr.

8. Are there specific areas in your community that are unsafe for pedestrian/bike traffic?

Scenic Dr. West-ham

9. Is there adequate public transportation in your community?

only 5 bus's a day at odd time that do not match many work hours -

10. Are there trips you or members of your household are unable to make because of a lack of transportation? (please circle yes or no)

Yes No

11. If yes, what kind of trips? (Check all that apply)

- | | |
|--|--|
| <input checked="" type="checkbox"/> Work | <input type="checkbox"/> School |
| <input checked="" type="checkbox"/> Medical appointments | <input type="checkbox"/> Kids activities |
| <input checked="" type="checkbox"/> Visiting friends or family | <input checked="" type="checkbox"/> Social service agency appointments |
| <input checked="" type="checkbox"/> Shopping | <input type="checkbox"/> Religious |
| <input type="checkbox"/> Other: _____ | |

12. How do you or members of your household travel now? (Check all that apply)

Drive or ride in household member's vehicle

Drive or ride in someone else's vehicle (other than a household member's)

Walk, bike, etc.

Church or social service agency vehicle

Other: _____

13. Do you or other members of your household have school age children? (please circle yes or no)

Yes

No

13a. If yes, please check all that apply:

Ages 3-5

Ages 5-6

Ages 6-11

Ages 11-13

Ages 14-18

Ages 18-22

N/A

13b. Is school bus service available within your immediate area? (please circle yes or no)

Yes

No

N/A

13c. If yes please list times of service and name of provider

Name of Provider/ Time: _____

Name of Provider/ Time: _____

N/A

14. Are there adequate law enforcement and emergency services in your community? (please circle yes or no)

Yes

No

15. Have there been delays in receiving emergency services? (Please provide details)

often takes awhile for Sheriff. to respond to calls.

16. Additional Comments. Please use the space below to provide additional input regarding a Tribal Safety Program that would provide unmet safety concerns/needs within your community.

Thank you very much. Your participation is both appreciated and beneficial to your community.

Tribal Member Name: _____
(Required for Drawing Participation)

Safety Partners Meeting
 Tribal Transportation Safety Plan
 Monday, May 19, 2014
 2:00–3:30 p.m.
 Council Chambers of the Trinidad Rancheria

Attendance:

Name	Agency	Phone No.	Email Address
Stein Coriell	SHN Consulting Eng.	707-441-8855	scoriell@shn-engr.com
Kathleen Sartorius	Caltrans District 1	707-441-5815	kathleen.sartorius@dot.ca.gov
Kevan Fox	Cal Fire	707-677-3638	huv.trinidadstn@fire.ca.gov
Martin Abshire	CHP	707-822-5981	mabshire@chp.ca.gov
Bryan Buckman	C.O. Trinidad	707-677-3862	bbuckman@trinidad.ca.gov
Tom Marquette	TVFD	707-677-0224	tvfdchief@gmail.com
Tom Mattson	Humboldt County	707-445-7491	tmattson@co.humboldt.ca.us
Dave Frye	Casino	707-599-0108	dfrye@cheraeheights.com
Leslie Sanders	Trinidad Rancheria	707-601-5754	cherae.roads@gmail.com
Scott Burger	Caltrans District 1	707-441-3598	scott.burger@dot.ca.gov
Greg Williston	SHN Consulting Eng.	707-441-8855	gwilliston@shn-engr.com
Neleen Fregoso	SHN Consulting Eng.	707-441-8855	nfregoso@shn-engr.com
Clark Davis	Caltrans District 1	707-445-6584	clark.davis@dot.ca.gov
Tasha Ahlstrand	Caltrans District 1	707-441-4540	tatiana.ahlstrand@dot.ca.gov

Stein Coriell, SHN Consulting Engineers and Geologists, opened the meeting with introductions, then gave a brief description of a Tribal Transportation Safety Plan. The plan should outline safety programs and policies that are already in place, identify safety issues, and possible solutions to those issues. He explained that those were the topics for today's discussion.

Leslie Sanders, Trinidad Rancheria, said that the fragmentation of the Rancheria creates difficulty for the tribe as the fragmentation creates additional safety issues that may or may not be specific to each area (Trinidad, Westhaven, and McKinleyville). In spite of those difficulties, the Rancheria would like to incorporate educational campaigns, including, but not limited to, the following:

Various education campaigns
 Anti-drunk driving programs
 Helmet campaigns

School transportation programs
 Media campaigns

Caltrans representatives volunteered that they have a safety campaign that can be found at arrivealivenow.org. The program consists of video educational tools that the tribe can use to assist their effort.

Topics of Discussion:

Current Issues for Tribal Members:

- The closest public transit bus stop is 1.5 miles away in the City of Trinidad so members must walk along Scenic Drive.
- Members in Westhaven are crossing the freeway on foot to get to the Rancheria's services due to the long walk for the alternate route.

Current Issues for the Surrounding Area:

Addresses:

- The Tribe and the surrounding area need an address posting program because many addresses are incorrectly labeled. Emergency responders take longer to arrive and/or go to the wrong house.
- Currently Covelo and Hoopa are involved in addressing programs. The county also conducted an address program for Southern Humboldt.
- Humboldt County fire code requires addresses.
- In Cal Fire's efforts to post addresses they have found that many residents are resistant to posting their addresses along the road.
- Cal Fire uses computer aided dispatch which gives them a lat/long tied into a home address.
- The California Highway Patrol (CHP) has the ability to reverse ping cell phone signals which shows their location on a map within a few meters in accuracy.
- Cal Fire feels that reflective signs using 2'-3' numbers with a light background are the best for addresses. They show up well at night and make the locations much easier to find.
- Cal Fire is using the slogan 'help us help you' in their campaign to get people to post their addresses.

Street Lighting and Signage:

- The lack of street lighting along Scenic Drive and Westhaven Drive is a major concern.

- There is also no lighting where people cross the highway to get from the Westhaven tribal housing to the main Rancheria.
- Signage is also lacking and is an inexpensive improvement. The county can provide street signs.
- Community Services Districts have the ability to conduct lighting projects.
- If an agency can pay for the lights Caltrans will often allow the installation along the freeway.
- Share the Road signs and striping are projects the county can help with.

The Proposed Freeway Interchange Directly into the Trinidad Rancheria:

- Someone asked about the interchange and if it will connect to Westhaven Drive. Also mentioned was constructing a pedestrian bridge on Highway 101 where people are crossing. Leslie explained that a pedestrian crossing is included in the freeway interchange project.
- The tribe is moving forward with the freeway interchange and trails as a solution to many of the safety issues they are currently facing.
- The tribe is still working on the PSR for the interchange project. Not sure about access to Westhaven Drive from the freeway interchange at this point.
- Have considered turning Scenic Drive into a one-way road between Trinidad and the Rancheria after the freeway interchange is built to provide adequate room for bike and pedestrian lanes.

Available Crash Data:

- The Trinidad Volunteer Fire Department's data indicated that there were 5 reported accidents in the past 6 years that the Trinidad Volunteer Fire Department was called to.
- Some data can be gleaned from the recent Road Safety Audit for the Trinidad Rancheria.
- The county has crash data for Scenic Drive.
- The California Highway Patrol and Caltrans have crash data for Highway 101.
- A program which involves the hospital emergency room information for crash and other injuries is also being considered for collecting statistics.

Community Survey and the Tribal Transportation Safety Plan:

- Stein reviewed the results of a community survey regarding road and pedestrian safety.
- The next step in the process of the plan is to do a field review of the 10 top rated locations that have identified areas of safety concern, find out what the problems are, and come up with solutions.
- The CHP produces a map every year that identifies problem areas (crashes) and there does not seem to be an identifiable pattern for the crashes in the Trinidad area.

Stein wrapped up the meeting and reviewed the next steps toward completing the plan.